



**BOARD OF COUNTY COMMISSIONERS
MEETING AGENDA**

January 10, 2017
Administration Building, 477 Houston Street, Green Cove
Springs, FL 32068
2:00 PM

CALL TO ORDER

INVOCATION

Commissioner Hutchings

PLEDGE

Commissioner Burney

ROLL CALL

ARTWORK

School Artwork

PET ADOPTIONS

SPECIAL STAFF RECOGNITION

PRESENTATIONS

PROCLAMATIONS/RESOLUTIONS

1. MLK Proclamation
2. Supervisor of Elections Volunteer Appreciation Resolution

APPROVAL OF MINUTES

3. October 25, 2016 BCC Meeting Minutes
4. December 8, 2016 BCC Workshop Meeting Minutes
5. December 13, 2016 BCC Meeting Minutes

PUBLIC COMMENTS

CONSENT AGENDA

6. Finance Business

The Finance Department business is submitted to request approval and ratification by the Board for various warrants and disbursements in order to meet the

requirements of Ch. 136.06 (1), FI Statute. Acceptance and disposal of various Board property and various documents are submitted for the Board's information. At times, approval is requested for various finance related issues.

7. Finance & Audit Committee Business

Approval of Finance & Audit Committee Minutes of January 3, 2017.

OLD BUSINESS

PLANNING AND ZONING

8. First Public Hearing to Consider Amendment to the Land Development Code to Add Rural Event Center as a Conditional Use with Conditions

This is a public hearing to consider an amendment to the Land Development Code to add Rural Event Center as a Conditional Use with conditions. At the December 13, 2016 Board of County Commissioners meeting, the Board voted unanimously to rescind Article III, Section 3-5, Subsection (bf), thereby deleting Rural Event Centers as a conditional use, and instructed staff to provide alternative language. The Board was concerned about the level of scrutiny for Rural Event Centers and the potential for siting of this conditional use that could be incompatible with surrounding properties.

9. First public hearing to consider an ordinance placing a temporary moratorium on medical marijuana treatment centers and licensed dispensing organizations (PC Vote: Approval 5-0)

On November 8, 2016, Florida voters approved an amendment to the Florida Constitution titled "Use of Marijuana for Debilitating Medical Conditions" (Amendment 2). This amendment legalizes the medical use of marijuana and/or cannabis ("marijuana") throughout the State of Florida for individuals with debilitating medical conditions as determined by a licensed Florida physician and authorizes the registration and regulation of centers that acquire, produce, and distribute marijuana for medical purposes.

The Board, at its meeting on October 25, 2016, directed staff to proceed with the drafting of an ordinance to impose a temporary moratorium on medical marijuana treatment centers and licensed dispensing organizations. The ordinance is attached for your consideration.

NEW BUSINESS

10. Third Renewal of Agreement #13/14-100 - Clay County Economic Development Corporation

Review and discussion of third renewal of Agreement #13/14-100 between Clay County and the Clay County Economic Development Corporation.

11. Approval of Third Amendment with Motorola for Keystone Tower repairs

Request approval of Third Amendment to 800 MHZ Public Safety Radio System Agreement in the amount of \$35,597.00 for repairs to the Keystone Tower. Funding Source: 301-2223-546100 (\$12.50 Motor Vehicle Surcharge Fund - Public Safety-Communication/Oth - Repairs & Maintenance)

12. Acceptance of Maintenance of Streets and Drainage for Azalea Ridge Unit 2 Phase 3
Request approval of the Acceptance of Maintenance of Streets and Drainage for Azalea Ridge Subdivision Unit 2 Phase 3.
13. Discussion of appointment to the Historic Preservation Board
Randy Harris submitted an application August 9, 2016 to serve on the Clay County Historic Preservation Board, District 5. At that time, Commissioner Gayward Hendry served in that capacity, resigning after the General Election on November 28, 2016. Requesting the Boards consideration and approval to appoint Mr. Harris to the CCHPB, District 5. He has attended several of their meetings and shows an interest in the Board.

COUNTY MANAGER/CLERK OF THE BOARD

14. FDOT Safety Grants

COUNTY ATTORNEY

TIME CERTAINS

LETTERS FOR ACTION

15. Request by Clay Electric Cooperative, Inc.
Clay Electric Cooperative, Inc. requests the approval of the Clay County Board of Commissioners to use twelve voting machines and related tabulation equipment for the Cooperative's 79th Annual Meeting to be held on Thursday, March 30, 2017.

LETTERS OF DOCUMENTATION

16. Draft Planning Commission Minutes for December 6, 2016
17. SJRWMD 2017 Board Meeting Schedule
18. Bid Opening Tabulations December 2016
Bid Opening Tabulations for December 6, 2016:
 - A. Bid #16/17-2, Tree Removal Services
 - B. Bid #16/17-3, Cured-In-Place Pipe

COMMISSIONERS' COMMENTS

In accordance with the Americans with Disabilities Act, any person needing a special accommodation to participate in this matter should contact the Clay County ADA Coordinator by mail at Post Office Box 1366, Green Cove Springs, FL 32043, or by telephone at number (904) 269-6347 no later than three (3) days prior to the hearing or proceeding for which this notice has been given. Hearing impaired persons can access the foregoing telephone number by contacting the Florida Relay Service at 1-800-955-8770 (Voice), or 1-800-955-8771 (TDD).



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: DATE:

FROM:

SUBJECT:

AGENDA
ITEM
TYPE:

REVIEWERS:

Department	Reviewer	Action	Date	Comments
County Manager	Slaybaugh, Jaclyn	Approved	1/5/2017 - 11:05 AM	Item Pushed to Agenda



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: DATE:

FROM:

SUBJECT:

AGENDA
ITEM
TYPE:

REVIEWERS:

Department	Reviewer	Action	Date	Comments
County Manager	Slaybaugh, Jaclyn	Approved	1/5/2017 - 3:50 PM	Item Pushed to Agenda



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: DATE:

FROM:

SUBJECT:

AGENDA
ITEM
TYPE:

REVIEWERS:

Department	Reviewer	Action	Date	Comments
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:28 AM	
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:30 AM	



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: BCC

DATE:

FROM: County
Manager's
Office

SUBJECT:

AGENDA ITEM
TYPE:

ATTACHMENTS:

Description	Type	Upload Date	File Name
MLK Proclamation	Cover Memo	1/4/2017	MLK_Day_Clay_2017.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:29 AM	
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 12:22 PM	

WHEREAS, half a century ago, our nation was moved by a young preacher who called a generation of men and women to action and became a catalyst for social change; and

WHEREAS, the Reverend Dr. Martin Luther King, Jr. believed that all people are made in God's image and are created equal, devoting his life to the struggle for balance, fairness and equality for all Americans regardless of gender or race; and

WHEREAS, Dr. King led the effort that resulted in the Civil Rights Act of 1964 and The Voting Rights Act of 1965 that guaranteed all citizens the right to vote, re-energizing the women's rights movement; and

WHEREAS, Dr. King's work contributed to the development of Title IX (9) which states that no person in the United States shall, on the basis of gender, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance; and

WHEREAS, the commemoration of Dr. King's legacy should not only be a tribute to his contributions to America and the world but also a reminder that every day, each of us can play a part in continuing this crucial work; and

WHEREAS, Dr. King's strength, perseverance, determination and service to others is the bedrock upon which we honor the date of his birth with a national day of service moving ever closer to Dr. King's vision of all Americans living and working together as one beloved community.

NOW, THEREFORE, BE IT RESOLVED that the Board of County Commissioners, Clay County, Florida, does hereby proclaim January 16, 2017 as

"MLK Day-N-Clay"

DULY ADOPTED by the Board of County Commissioners, Clay County, Florida this 10th day of January, 2017.

**BOARD OF COUNTY COMMISSIONERS
CLAY COUNTY, FLORIDA**

ATTEST:

**S. C. Kopelousos
County Manager and Clerk to the
Board of County Commissioners'**

Wayne Bolla, Chairman

Diane Hutchings, Vice Chairman

Mike Cella

Buck Burney

Gayward Hendry



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: BCC

DATE:

FROM: County
Manager's
Office

SUBJECT:

AGENDA ITEM
TYPE:

ATTACHMENTS:

Description	Type	Upload Date	File Name
Supervisor of Elections ▣ Volunteer Appreciation Resolution	Cover Memo	1/4/2017	Election_Worker_Appreciation_Day_2017.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:27 AM	
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:27 AM	

WHEREAS, voting is one of our most important rights and responsibilities as citizens; and

WHEREAS, Clay County has more than 147,000 voters who expect an orderly, pleasant and convenient voting experience; and

WHEREAS, election workers are appointed in accordance with Florida Law; and

WHEREAS, hundreds of election workers faithfully honor their oath to carry out their duties as election officials to the best of their abilities, completely impartial with respect to any candidate or political party in the fair execution of transparent elections. Election workers work tirelessly; they rise before dawn on election day to open polling places and keep those polling places open for 12 continuous hours. They are trained prior to each election cycle on the changes in election law, customer service and courtesy to all voters; and

WHEREAS, Clay County recognizes election workers as all appointees, volunteers, staff, and support personnel who assist in election preparation, execution, and reporting process, including: poll workers, public works crews, facilities crews, first responders, students, and school employees; and

WHEREAS, the citizens of Clay County depend on election workers when they actively participate in the electoral process when casting ballots in their respective precincts; and

WHEREAS, Clay County wishes to give thanks to all Clay County election workers, past, present and future for their fundamental role in allowing citizens to choose their leaders freely and fairly;

NOW, THEREFORE, BE IT RESOLVED, that the Board of County Commissioners, Clay County, Florida, does hereby recognize and celebrate the dedicated work of Clay County's election workers, and do hereby declare January 10, 2017 as Election Worker Appreciation Day, and urge the residents of Clay County to demonstrate their gratitude and applaud the efforts of the Clay County election workers.

DULY ADOPTED by the Board of County Commissioners, Clay County, Florida this 10th day of January, 2017.

**BOARD OF COUNTY COMMISSIONERS
CLAY COUNTY, FLORIDA**

ATTEST:

Wayne Bolla, Chairman

**S. C. Kopelousos
County Manager and Clerk to the
Board of County Commissioners'**

Diane Hutchings, Vice Chairman

Mike Cella

Buck Burney

Gayward Hendry



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: County
Commissioners

DATE: 12/22/2016

FROM: County
Manager

SUBJECT:

AGENDA ITEM
TYPE:

ATTACHMENTS:

Description	Type	Upload Date	File Name
▢ BCC Meeting of October 25, 2016	Cover Memo	12/22/2016	10-25-16_BCC_Minutes_final.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
County Manager	Kopelousos, Stephanie	Approved	12/29/2016 - 11:53 AM	
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:15 AM	



BOARD OF COUNTY COMMISSIONERS

MEETING MINUTES

October 25, 2016

Administration Building, 4th Floor
BCC Meeting Room 2:00 PM

CALL TO ORDER

Chairman Hutchings called the meeting to order at 2:08 P.M.

INVOCATION

Commissioner Burney

PLEDGE

Commissioner Bolla

ROLL CALL

Present: Commissioner District 3 Chairman Diane Hutchings
Commissioner District 5 Vice-Chairman Ronnie Robinson
Commissioner District 1 Commissioner Wendell Davis
Commissioner District 2 Commissioner Wayne Bolla
Commissioner District 4 Commissioner Buck Burney

Absent: None

Staff Present: County Manager S. C. Kopelousos
County Attorney Courtney K. Grimm
County Auditor Mike Price
Chief Assistant County Attorney Fran Moss

ARTWORK

Lake Asbury Junior High

Jackie Slaybaugh, County Managers Office, presented 15 pieces of "Old Hollywood" Artwork from Lake Asbury Junior High, where Cynthia Smith is the Art Teacher. The art was created as a community service project and presented at the Cala Vida Arts Festival Grand Gala event in Green Cove Springs.

PET ADOPTIONS

Jackie Slaybaugh, County Manager's Office, presented pets for adoption, a dog named Betty and a cat named Cinderella. She announced a Grand Opening Adoption event scheduled for Saturday, October 29, 2016, from 1:00 P.M. to 4:00 P.M. at the Young Gang Bakery in Fleming Island.

SPECIAL STAFF RECOGNITION None

PRESENTATIONS None

PROCLAMATIONS/RESOLUTIONS

1. 80th Anniversary of State Forests

Commissioner Davis presented the Resolution, recognizing the Florida Forest Service for their 80th Anniversary.

After discussion, Commissioner Bolla moved, seconded by Chairman Hutchings, and carried 5-0, to approve the Resolution as presented.

Jack Hernandez, Senior Forester, representing the Clay County and Duval County Forester, Florida Forest Service, accepted the Resolution along with Kevin MacEwen, former Forest Area Supervisor for Clay County and now the District Manager for the Florida Forest Service's Everglades District, Frank Burley, Forestry Supervisor at Jennings State Forest, and Annaleasa Winter, Mitigation Specialist for the Jacksonville District.

Commissioner Bolla thanked the Florida Forest Service for their service.

Vice-Chairman Robinson expressed appreciation for the vast protection our Florida Forest Service provides to the State of Florida.

Chairman Hutchings expressed her appreciation for the County's partnership with the Division of Forestry.

Commissioner Burney thanked the Florida Forest Service for their service.

Commissioner Davis commented on the dangers that the employees of the Florida Forest Service embark upon each day. At times, the County will work closely with the Division of Forestry at the Emergency Operation Center (EOC) during emergency situations. He expressed gratitude for their service.

2. Red Ribbon Week Proclamation

Commissioner Burney presented the Proclamation, establishing the week of October 23 through 31, 2016, as Red Ribbon Week.

After discussion, Commissioner Davis moved, seconded by Chairman Hutchings, and carried 5-0, to approve the Proclamation as presented.

Siblings, Aidan, Mary, and Margaret Spath, members of the Atlantic Coast Young Marines, each spoke about what it meant to them to celebrate Red Ribbon Week.

APPROVAL OF MINUTES None

PUBLIC COMMENTS

Kim Fortier, 6744 Mt. Vernon Drive, Melrose, Florida, expressed opposition to the proposed event center. He commented on the loss of his community's property value, the loss of tax revenue to the County, and the close proximity of the event center to the residents in his community.

Chris Fonvielle, 6750 Mt. Vernon Drive, Melrose, Florida, commented on the recent addition of rural events as a new conditional use category in the County's zoning regulations, and the unintended detrimental consequences that it may have to his community. He expressed concern for his community's quiet quality of life and the negative impacts the residents may experience from the additional traffic, noise, and trash/debris created from an event center. His neighborhood is prepared to stop this commercial venture, which in his opinion, is masqueraded as an agricultural event center.

Ginny Fonvielle, 6750 Mt. Vernon Drive, Melrose, Florida, echoed Mr. Fonvielle's comments, expressing concern that the property is zoned AG and in close proximity to the residents in her community.

Commissioner Burney thanked the public for bringing this zoning issue to the Board's attention.

Richard Klinzman, 1985 Timucua Trail, Middleburg, Florida, spoke about the increased development and the infrastructure problems the County may experience due to the increased flow of traffic on two-lane highways. He suggested that the Board implement a moratorium for a couple of years so that the County can address infrastructure issues.

James Otto, 2908 Blanding Boulevard, Middleburg, Florida, spoke about school and road impact fees, easier public access to commissioner emails, asked for an update on Hurricane Mathew's storm debris, commented on the constitutional rights of citizens, suggested the Board review dude ranch zoning regulations, and asked the Board to look at the illegal road next to his property.

CONSENT AGENDA

Commissioner Bolla pulled #1 of Item #3, of the Finance & Audit Committee Report for further discussion.

After discussion, Commissioner Davis moved, seconded by Commissioner Bolla, and carried 5-0, to approve the remainder of the Consent Agenda as presented.

3. Approval of 10/18/16 Finance & Audit Committee Minutes

ITEM #1: Commissioner Bolla asked why this contract was renewed 17 times with no bid process.

Troy Nagle, MIS Manager stated that the renewal of Agreement #99/00-35 was for the County's Public Safety time system and recall to fill vacant positions. Staff has done

their due diligence to search for other products with similar costs. It would take a lengthy period of time to reconfigure our payroll process and train staff if we implement a new product.

Vice-Chairman Robinson stated that the County pays for a license to use the software product.

After discussion, Commissioner Bolla moved, seconded by Commissioner Burney, and carried 5-0, to approve #1 of the October 18, 2016 Finance & Audit Committee Minutes.

4. Finance Business

The Finance Department business is submitted to request approval and ratification by the Board for various warrants and disbursements in order to meet the requirements of Ch. 136.06 (1), FL Statute. Acceptance and disposal of various Board property and various documents are submitted for the Board's information. At times, approval is requested for various finance related issues.

5. Approval of 2017 Holiday Schedule

6. Request to Accept Payment on Short Sale for Cynthia Fash

OLD BUSINESS

7. Public TEFRA Hearing on Resolution approving Florida Development Finance Corporation issuance of certain educational facilities revenue bonds financing the acquisition, construction and equipping of certain educational facilities within Clay County memorandum.

County Attorney Courtney K. Grimm presented the item for Board consideration.

Kate Stangle, Broad and Cassel, Orlando, Florida, provided a summation regarding the role of the Florida Development Finance Corporation (FDFC) as a conduit bond issuer for projects that promote economic development throughout the state. She explained that they were asked to assist the Florida Charter Educational Foundation with refinancing debt that was incurred in connection with the construction and land acquisition for the Clay Charter Academy. The bond transaction was continued to today to give the foundation an opportunity to work through some issues that had been raised by Pine Ridge Plantation CDD. She reported that all parties have reached a complete settlement on the issues outlined in the July 20, 2016 letter and funds were wired to the CDD today. She asked that the Board hold the TEFRA Public Hearing for public comments and asked for their approval and consideration of the proposed Resolution and Interlocal Agreement required for them to move forward.

Chairman Hutchings opened the public hearing.

James Otto, 2908 Blanding Boulevard, Middleburg, Florida, spoke about schools.

Chairman Hutchings closed the public hearing.

Commissioner Burney thanked Ms. Stangle for her flexibility.

After discussion, Commissioner Bolla moved, seconded by Vice-Chairman Robinson, and carried 5-0, to approve the proposed Resolution and Interlocal Agreement with the Florida Development Finance Corporation issuance of certain educational facilities revenue bonds financing the acquisition, construction and equipping of certain educational facilities to operate as a charter school in Clay County, known as the Clay County Charter Academy.

8. Request to Continue CPA 2016-06, Drees Homes, to the BCC meeting of November 22, 2016.

Carolyn Morgan, Chief Planner, presented the item for Board consideration.

At the request of the applicant, this item was continued to the November 22, 2016 BCC meeting by the Planning Commission at their last meeting.

Chairman Hutchings opened the public hearing. There being no one wishing to speak, Chairman Hutchings closed the public hearing.

After discussion, Commissioner Davis moved, seconded by Vice-Chairman Robinson, and carried 5-0, to approve the request to continue CPA 2016-06, Drees Homes, as presented.

9. Final Public Hearing to Consider Rezoning Application Z-16-11 Ag to AR State Road 21 and Sharon Road.

Chad Williams, Zoning Chief, presented the item for Board consideration along with surrounding zoning, aerial views of the site, and the applicant's request. The Planning Commission voted 5-1 to deny the application and staff recommends approval. The County received a letter from Colonel Johnson, Camp Blanding, requesting that this item be continued to the BCC Meeting of November 10, 2016.

Applicant: Susan Fraser, SLF Consulting, 3517 Park Street, Jacksonville, Florida, was present to answer any questions and spoke in favor of the item. She stated that she represents Bear Bay Timber Company LLC, William McArthur Trustee and Hawks Swamp LLC, who are requesting that 4,600 acres be rezoned from AG (Agriculture) to AR (Agriculture Residential). A map of the proposed property, a copy of Ordinance 2010-34, and a school capacity analysis was provided to the Board for their review. At a Planning Commission meeting there was an in-depth discussion regarding a couple of topics and after meeting with the Board and the residents in this area, they are withdrawing 120 acres from their rezoning application. The area is shown on the map provided to the Board. This is the area located immediately north and south of Weeks Road. A legal description is not available at this time, but if approved, the description will exclude the 120 acres.

Chairman Hutchings opening the public hearing.

Colonel Daniel M. Johnson, 3574 Kingston Heath Court, Green Cove Springs, Florida, stated that initially, Camp Blanding was not represented at the rezoning meeting and they requested a continuance so that they could obtain representation and review the zoning proposal to find out if it would affect the noise contours in this area and if there was a risk to the residents. The noise contour in the area was studied and it was determined that there would be a moderate risk to the residents. Colonel Johnson withdrew Camp Blanding's request for continuance with this item. Camp Blanding is a proud resident of Clay County with 73,000 acres of State land with Federal and State training; it's their goal to be good neighbors. He announced that the Department of the Army is looking at Camp Blanding to become a mobilization station which would dramatically increase jobs in our area.

Commissioner Burney thanked Colonel Johnson for his stewardship.

James Otto, 2908 Blanding Boulevard, Middleburg, Florida, commented on the traffic capacity on Highway 21.

Rich Klinzman, 1985 Timucua Trail, Middleburg, Florida, commented that the Planning Commission does a very good job, rarely denying a zoning application. He suggested the Board take this proposed zoning seriously. He spoke against further development on two-lane road ways, stating that Egress and Ingress issues could be a nightmare. He suggested that this request be denied.

Matt Kenyon, 6698 Sharon Road, Green Cove Springs, Florida, expressed his appreciation for all of the comments made by the public today and for their sensitivity to what his community is trying to accomplish; which is to align with the legal land use plan that was approved in 2010. Initially, they did not connect with residents to address their concerns and that is why 120 acres has been removed from their application. Their goal is to not develop the property.

Luke Tatham, 2852 Longleaf Ranch Circle, Middleburg, Florida, spoke in favor of the rezoning and expressed how special this property was to him and to the residents in this area.

Chairman Hutchings closed the public hearing.

Vice-Chairman Robinson commented that this item was presented to the Board several years ago and approved for one house per ten acres. He stated that he was glad that everyone was able to work out the issues. Everyone should be able to use their land within reason.

Commissioner Burney spoke in favor of the item and said it was the right thing to do.

Chairman Hutchings thanked Mr. Kenyon for collaborating with the residents and resolving the issue by reducing the acreage. To the neighbors, they are old-time friends, and she appreciates their concerns. To Colonel Johnson, we value Camp Blanding and want to be good partners and stewards of what you bring to Clay County and we appreciate you.

Vice-Chairman Robinson thanked Colonel Johnson.

Commissioner Bolla commented that generally, he would not be in favor of the rezoning of such a large parcel of land at one time but if Camp Blanding is satisfied he would approve.

After discussion, Vice-Chairman Robinson moved, seconded by Commissioner Burney, and carried 5-0, to approve Rezoning Application Z-16-11 AG to AR State Road 21 and Sharon Road, with the withdrawal of approximately 120 acres, contingent upon the submission of a legal description within 10 days.

10. Further Discussion and Reconsideration of Interlocal Agreements with the Housing Finance Authority for the Provision of Low-Income Housing.

County Manager Kopelousos presented the item for the Board's consideration, commenting that one of the challenges the County will face in the future is low-income housing. The County will need to address economic development and the impact of our future Outer Beltway. She asked for Board direction moving forward.

Vice-Chairman Robinson stated there are three applicants, one of them could be approved.

Ms. Kopelousos stated that there are five applications from three applicants; one for family housing and four for senior housing. The Board will need to decide the direction they want to take.

Bob Buckmaster, representing Housing Trust Group, LLC, asked for the Board's consideration of their application for Shadow Creek.

Steve Moore, representing Vestcor, commented that they proposed three senior communities (Nathan Ridge, Macie Creek, and Cassie Gardens). They develop both family and senior housing. During the recession, it was their experience that seniors were the hardest hit housing segments. He thanked the Board for their support.

Commissioner Bolla commented that a lot of elders reside in his district and he supports senior affordable housing.

Vice-Chairman Robinson stated that there are a lot of elders in Clay County and he is supportive of senior housing.

Commissioner Davis commented that there was a need for senior housing in our County. He spoke in favor of Vestcor, because of their diverse experience.

Chairman Hutchings stated that through research she found that Clay County does not have proper senior housing and feels that the County should provide appropriate housing for them. She spoke in favor of Vestcor, a company who has always ensured that Clay County was in the game.

Commissioner Bolla asked for clarification of the motion.

Chairman Hutchings stated that the proposed motion was to reconsider the original decision they made and then propose a new motion. If we receive a project, I'm hearing that it should be for senior housing.

Vice-Chairman Robinson stated that the developer chosen last year did not follow through with their obligation to the County. They are on our list today but they are not present.

Commissioner Davis stated that they were listed as their first project and were not able to attend today's meeting.

Vice-Chairman Robinson asked that if they chose Vestcor would there still be a lottery.

Vice-Chairman Hutchings explained that the Board would approve a project and that would give the developer approval to submit their application so they can be included in the state lottery.

County Manager Kopelousos commented that applicants apply through the Housing Finance Authority under the Provision of Low-Income Housing.

Commissioner Bolla stated that he is supportive of senior housing and the more projects they can enter in the lottery the better chance the County may have to receive one. He asked if there was evidence that the other vendor did not perform last year, in that he did not feel right advocating one vendor over another.

Chairman Hutchings stated that the vendor did not follow through with the project after they were chosen in the lottery. The vendor that we are considering is due to their quality of work, dependability and liability.

Commissioner Davis commented that 15 or less projects will be chosen throughout the state in the lottery. Vestcor could be chosen in several other counties.

Commissioner Bolla stated that if they chose four instead of three, their chances would be greater.

Robert Buckmaster, 1104 Camaren Court, St. Augustine, Florida, Housing Trust Group, LLC, commented that the Housing Trust Group has experience with senior housing and if that is what the Board wants to do they could accommodate them.

Chairman Hutchings stated that the Housing Trust Group, LLC, submitted their proposal for family housing. Based on the specifications, the individual buildings are for a family housing only. She asked if Mr. Buckmaster was requesting a revision to their site plan before it is submitted to the lottery.

Mr. Buckmaster stated that they could adjust their site plan accordingly.

Chairman Hutchings stated that the plan must be either a senior or family project, both very different site plans.

Mr. Buckmaster responded that the applications are not due and they have not been submitted.

Chairman Hutchings asked what the due date was.

Mr. Buckmaster stated that the due date is November 17, 2016.

Commissioner Bolla stated that would give them another opportunity in the lottery.

Commissioner Burney commented that the Board wanted senior housing and asked how they could make that happen without delaying the process.

County Attorney Grimm stated that the application process was not for the County.

After discussion, Commissioner Davis moved, seconded by Commissioner Bolla, and carried 5-0, to reconsider the Board's original decision made at the BCC Meeting of September 27, 2016.

After discussion, Commissioner Davis moved, seconded by Commissioner Burney, and carried 5-0, to approve the three projects presented by Vestcor (Cassie Gardens, Macie Creek and Nathan Ridge).

NEW BUSINESS

11. Final Public Hearing to Consider CPA 2016-07 Small Scale Land Use Amendment from UC to Comm.

Carolyn Morgan, Chief Planner, presented the item for Board consideration along with a parcel map, aerial view, existing land use, existing zoning, and proposed land use. The Planning Commission voted unanimously to approve CPA 2016-07. Staff recommends approval.

Chairman Hutchings opened the public hearing.

James Otto, 2908 Blanding Boulevard, Middleburg, Florida, spoke in favor of the item and commented on freedom of speech.

Jerry Langford, Middleburg, Florida, Pastor, New Beginnings Christian Fellowship, spoke in opposition of the amendment application. He stated that this property was donated to the Good Samaritan Church by its previous owner and it was his intent to keep the property as a place of fellowship and worship, not for the purpose of commercial sales.

Vice-Chairman Robinson asked if his church owned this property.

Mr. Langford stated that they owned 8.5 acres next to the property.

Vice-Chairman Robinson asked when the previous owner donated the property to the church.

Mr. Langford stated that the property was donated to the Good Samaritan Church (the Episcopal Diocese of Florida) decades ago.

Commissioner Bolla asked if Mr. Langford's church was interested in purchasing the property.

Mr. Langford stated that they are interested but the asking price is too high.

James Whittier, 2906 Black Creek Drive, Middleburg, Florida, an elder at New Beginnings Christian Fellowship Church, spoke against the amendment, providing a history of the property stating that the original owner who donated the land wanted it to remain a location for fellowship and worship. Several churches have come and gone and the property has been vacant for a couple of years and the structure is deteriorating.

Chairman Hutchings closed the public hearing.

Commissioner Burney commented that he would like a resolution for everyone and spoke in favor of continuance to see if someone could come up with a plan to purchase the property.

Commissioner Bolla stated that he was familiar with the location and was sorry that the owners are moving forward. The property is beautiful and he hoped that one of the charter schools would buy it. He spoke in favor of the amendment unless someone could come up with a way to purchase the property.

Mr. Whittier, requested an extension of 60 to 90 days so that he could negotiate with the Episcopal Diocese on the purchase price.

Vice-Chairman Robinson asked how long the property had been vacant and if his church made an effort to purchase the property.

Mr. Whittier responded that he did check into it, but the asking price was too high.

Vice-Chairman Robinson stated that an agreement was pending and the Board could not hold that up for someone else to obtain funding to purchase the property.

Mr. Whittier stated that he was present to appeal the sale of the property because it was initially designated for religious purposes. He asked the Board to protect the property because of the original intent of the property owner.

Vice-Chairman Robinson stated that the Episcopal Diocese Church are the owners of the property.

Commissioner Davis commented that property can be protected through a permanent deed restriction. This property is currently under a contract contingent upon the land use agreement and approval of the zoning to commercial. There are no restrictions on the property by the owners. They want to sell the property and reallocate the funds to help in other areas.

Vice-Chairman Robinson stated that a contract is pending contingent upon the approval of today's amendment for commercial use.

After discussion, Vice-Chairman Robinson moved, seconded by Commissioner Bolla, and carried 5-0, to approve the Small Scale Amendment from Urban Core to Commercial as presented.

Chairman Hutchings stated that she was sympathetic to the intention of Mr. Custead who donated the property, trusting the church to leave the property with the church. This is an issue of the church and not with this Board. She spoke in favor of the action taken by the Board and stated that she was disappointed that the Diocese let the property deteriorate.

Commissioner Burney stated that he was a Pastor and this item was tough for him. He respects the Board and the decision made today and it was the right thing to do.

Ms. Morgan stated that this item was a Small Scale Amendment and would be adopted today.

12. Transmittal Hearing for CPA 2016-08 - Orange Park Construction is a text amendment of Policy 4.2 of the Branan Field Master Plan and a map amendment on 72.56 acres from BF RS to BF MPC.

Carolyn Morgan, Chief Planner, presented the item for Board consideration.

This Large Scale Amendment revises the Branan Field Policy 4.2 to eliminate the requirement for a Neighborhood Center within MPC when the density is less than 3 dwelling units per gross acre and modify the spacing and location requirements for neighborhood center. It would also amend the land use on 72.56 acres from BF Rural Suburb to BF Master Planned Community. The Planning Commission unanimously voted to approve the amendment at their October 4, 2016 meeting.

Susan Fraser, SLF Consulting, 3517 Park Street, Jacksonville, Florida, was present for any questions.

Chairman Hutchings opened the public hearing.

James Otto, 2910 Blanding Boulevard, Middleburg, Florida, spoke in opposition of the item.

Chairman Hutchings closed the public hearing.

Commissioner Bolla asked about the school capacity and zoning density near this property.

Ms. Morgan responded that the BF Rural Suburbs, which are all properties located to the east and south of the subject property, are one unit to five acres gross density. If you can acquire the gross density bonus points, it would go up to one unit per acre as a net density, resulting in these clustered sub-divisions.

Commissioner Bolla stated that he would like the property to remain the same.

Vice-Chairman Robinson asked if Tynes Boulevard was the road the County approved one million dollars toward. Ms. Morgan stated that the road would run through the property.

Chairman Hutchings commented on the school capacity analysis provided to the Board stating that she would vote to support the item.

Vice-Chairman Robinson moved, seconded by Commissioner Davis, and carried 4-1, with Commissioner Bolla dissenting, to approve the Transmittal of Large Scale Comprehensive Plan Amendment 2016-08, Orange Park Construction, as presented.

13. Reappointment of James W. Millson to the Health Planning Council of Northeast Florida.

After discussion, Commissioner Davis moved, seconded by Vice-Chairman Robinson, and carried 5-0, to approve the item as presented.

14. Approval to Post Notice of Intent to Award Bid No. 15/16-32 to T.G. Utility Company, Inc.

James Householder, Parks & Recreation Director, presented the item for Board consideration.

After discussion, Commissioner Davis moved, seconded by Vice-Chairman Robinson, and carried 5-0, to Award Bid No. 15/16-32 and Contract, to T.G. Utility Company, Inc. as presented.

15. Approval of grant application to Florida Fish and Wildlife Conservation Commission for removal of derelict vessels.

Karen Thomas, Administrative and Contractual Services Director, presented the item for Board consideration.

Commissioner Bolla asked if the County tried to locate the vessel owners. Ms. Thomas stated that the Clay County Sheriff's Office Marine Unit has notified the owners and placed their information in the state-wide data base. If the owners appear before the project begins, they will be removed from the application. If they don't appear, the County will continue to seek reimbursement.

Vice-Chairman Robinson asked how much was left in the Florida Fish and Wildlife Conservation Derelict Vessel Removal Grant Program. Ms. Thomas responded that there is a substantial amount of funds left in this program.

Commissioner Davis asked who would follow-up on the vessel owners should they not appear. Ms. Thomas stated that both the County and the State are taking the necessary steps to ensure that the vessel owners can't purchase another tag until restitution is made.

Commissioner Burney commented on the cost to remove and dispose of the vessels.

After discussion, Commissioner Davis moved, seconded by Commissioner Bolla, and carried 5-0, to approve the adoption of the grant application to the Florida Fish and

Wildlife Conservation Commission as presented; and, further approval to delegate authority and designate the County's Facility Manager as the Project Manager.

16. Final Public Hearing to Consider Rezoning Applications PUD-16-06 and PUD-16-07.

Chad Williams presented items PUD-16-06 and PUD-16-07 for Board consideration along with site plans, existing land uses, aerial views, and landscape site plans. He reported that the Planning Commission voted 4-2 recommending approval of application PUD 16-06, and voted 6-1 recommending approval of application of PUD 16-07 with the recommendation that there be a connection to Town Center from Radar Road.

Susan Fraser, SLF Consulting, Jacksonville, Florida, spoke in support of the item and was available for questions.

Chairman Hutchings asked which parcel was the .65 acres. Mr. Williams stated that PUD 16-06 was the smallest portion of the church property located within the Fleming Island Plantation DRI.

Chairman Hutchings opened the public hearing for PUD-16-06, regarding the landscape track along the New Grace Church.

Mike McDonald, 1770 Long Slough Walk, Fleming Island, Florida, Senior Pastor of the New Grace Church, spoke in favor of the rezoning application for multi-family use. He commented on the importance of safety for his church members and the community regarding entry onto US Highway 17 from Radar Road.

Danny Garcia, 2609 Holly Point Road West, Orange Park, Florida, Parishioner of the Vestry Board, spoke in favor of a multi-family use rather than light industrial because it would mix nicely with the other adjacent land uses. The connection of Radar Road to Town Center Boulevard will complete the community's lifestyle.

Francis Nichols, 2306 Stafford Drive, Orange Park, Florida, spoke in favor of rezoning to multi-family use. She expressed concern regarding the traffic flow from Radar Road onto US Highway 17, asking that Radar Road be connected to Town Center Boulevard to ensure the safety of the citizens in the community.

James Otto, 2908 Blanding Boulevard, Middleburg, Florida, commented on the traffic flow onto US Highway 17. He spoke in favor of light industrial use for this parcel.

Chairman Hutchings closed the public hearing for PUD-16-06.

Chairman Hutchings opened the public hearing for PUD-16-07 for the 11.36 acres. Pete Davis, Fleming Island Advisory Committee, spoke about growth and infrastructure issues. He stated that Parcel 37 initially was zoned for light industrial which at that time, Radar Road was appropriate, as was access to US Highway 17. If the parcel is zoned and developed residential multi-family, the matrix changes, impacting traffic and safety at the U.S. 17 intersection. He spoke about the funding to connect Radar Road to Town

Center Boulevard stating that a plan of action is needed to find the funds for the connection.

Susan Fraser, SLS Consulting, stated that today's approval of the zoning was the first step in the process giving the owner the opportunity to market the property. No construction will commence until it is brought before the Board for their approval. Whatever the problems are, they will be resolved.

George Eaton, 1845 Town Center Boulevard, Fleming Island, Florida, CEO Reinhold Corporation, and partner with Gerry Agresti with this parcel, echoed Ms. Fraser's comments stating that this zoning would allow them to market the property. Once a developer is acquired, we can work with them to resolve any issues including the connection of Radar Road to Town Center Boulevard. If the Board wants to move in another direction it will put us farther away from our ability to engage with developers to develop the property.

Chairman Hutchings closed the public hearing for PUD-16-07.

Vice-Chairman Robinson spoke in favor of the item.

Commissioner Bolla asked if Radar Road could be built at a later date if the zoning is approved.

County Manager Kopelousos stated that because they have mitigated as part of the DRI, they are not required to do anything. We can recommend working with the two CDD's and get the landowners to share, but they are not required because they have already met their requirement for transportation impact.

Commissioner Bolla stated that they have no guarantee that a connection of Radar Road to Town Center Boulevard would be built at some point unless the County commits to doing it. County Manager Kopelousos responded that there are several entities interested in the parcel, there are possibilities.

Commissioner Bolla stated that unless Radar Road is connected, this will be an unattainable deal. He spoke in favor of the project, but wanted assurance that the County will make it happen.

County Manager Kopelousos commented that she understood the desire for the connection of Radar Road to Town Center Boulevard; however, no road was planned based on the zoning and she would not be able to guarantee that this would be a priority and will happen.

Vice-Chairman Robinson spoke in favor of the zoning. There is a good chance that the connection of the road to Town Center Boulevard will be successful.

Commissioner Davis spoke in favor of adding multi-family use to the zoning for Parcel 37, opening up the market to see what may transpire. He recommended that FDOT look at the project to see what the traffic numbers are today and if we meet the

requirements. There is no guarantee or obligation at this time regarding the connection of Radar Road to Town Center Boulevard.

Commissioner Burney spoke in favor of the item. It's a win-win for everyone.

Chairman Hutchings asked how many employees were expected for the light industrial zoning. Ms. Fraser stated that there are none. There are no specific offers to purchase and construct, but there are a whole range of opportunities.

Chairman Hutchings asked what the value was for the previous offer for an apartment complex. Ms. Fraser stated that it was approximately a 20 million dollar project. Chairman Hutchings responded that the County would receive a hefty increase in Ad Valorem taxes, well over \$150,000.00.

After discussion, Commissioner Davis moved, seconded by Vice-Chairman Robinson and carried 5-0, to approve PUD-16-06 as presented.

After discussion, Commissioner Davis moved, seconded by Commissioner Bolla, and carried 5-0, to approve PUD-16-07 as presented.

COUNTY MANAGER/CLERK OF THE BOARD

17. Hurricane Matthew - Guidelines for Compensation.

Jennifer Bethelmy, Human Resources Director, presented the item for Board consideration.

County Manager Kopelousos expressed her appreciation to staff for their diligent service to citizens of Clay County. She asked for the Board's favorable consideration and approval.

Commissioner Davis expressed that while he was in favor of staff being compensated, definitive guidelines should be implemented for future traumatic occurrences. He expressed his appreciation for the employees' hard work.

Vice-Chairman Robinson spoke in favor of the item and thanked our employees for their dedication.

Commissioner Burney stated that he was proud of staff and in favor of the item. Chairman Hutchings commented that staff rose to the occasion and she could not be prouder of them.

Commissioner Bolla moved, seconded by Commissioner Davis, and carried 5-0, to approve the guidelines as presented.

18. Hurricane Matthew - Private Road Debris Removal.

County Manager Kopelousos announced that John Ward, Emergency Management Director, did an outstanding job keeping the County on task during Hurricane Matthew.

She explained that the County submitted their second request for debris pick up on private roads, expressing her frustration for the tasking process. Staff continues to be in contact with FEMA and are reaching out to our Congressional Delegation for assistance. The Board has two options: 1) the debris is a health and safety issue and the County needs to remove it. Our private roads are the same roads that are passed each and every day for trash pickup. If the Board wants to move forward and pick up the debris on private roads, the County will not be reimbursed; 2) the County is expecting a call from FEMA tomorrow and we can remain on standby for their approval, but it may take several days. Private road debris removal is estimated to be around 4,000 cubic yards, costing the County approximately \$150,000.00 to \$500,000.00. It would not be reimbursed by FEMA.

John Ward, Emergency Management Director, provided an update on FEMA's approval to pick up debris on private roads.

Vice-Chairman Robinson commented that the County approved an Ordinance to handle this situation and suggested they should move forward immediately.

Commissioner Davis asked if haulers were currently picking up on public roads.

Mr. Ward stated that they are not picking up on private roads but have been picking up debris on County maintained roads since last Monday, where over 11,000 cubic yards of debris has been disposed. Debris trucks continue to work in the eastern and southern portions of the County, moving to the central portion and then to the western portion accordingly.

Commissioner Davis commented that he has seen an immense amount of debris on the east side of US 17 and the west side has not been picked up. He asked what areas of the County has been picked up.

Mr. Ward stated that debris has been picked up in Green Cove Springs, Fleming Island, and Keystone Heights, currently working the easterly portion of US 17, where the debris is heavier. There is no time-line to complete the process.

Commissioner Davis asked about the contract obligation and time-line.

Mr. Ward stated that the County has to pay by cubic yard for the debris removal per FEMA's guidelines and there are no incentive opportunities for the haulers. Private roads have not been picked up.

Commissioner Davis asked County Attorney Grimm if the County's Ordinance helps with the liability for the County at any level regarding debris pickup on private roads.

County Attorney Grimm stated that as long as the County is under the local State of Emergency, our Ordinance specifically provides under certain portions of Florida Statutes that entering a private road would in no way be deemed as a trespass. We are authorized to go there under certain circumstances which we have expressed.

Commissioner Davis asked what the extension was as of today.

Mr. Ward stated that the County extended the time before the meeting by the County Manager and she will continue to do so every seven days as long as we are under the Declaration of Emergency and need to do so.

Commissioner Davis asked when it would be considered unreasonable to extend the emergency.

Mr. Ward stated that as long as the County is under a State of Emergency you can extend it to complete the pickup of debris. The debris is a health emergency. It will take time to remove all of it and the County will continue the process until it is completed.

Vice-Chairman Robinson expressed frustration regarding the pre-approval process.

Commissioner Burney stated that the approval process was frustrating. He spoke in favor of moving forward to get the debris picked up.

Vice-Chairman Robinson stated that staff should make a call to FEMA.

Commissioner Bolla asked if the Board gave the County Manager the flexibility she needed would it expedite the process. He stated that he has received a lot of calls regarding debris. The landfill is charging for debris removal and he asked if they should extend the waiver of the collection fees at the Rosemary Hill Landfill for residential storm related vegetation debris for two more weeks. He also asked how Advanced Disposal was differentiating the current yard waste with that of the debris from Hurricane Matthew and what is the County's policy regarding yard waste.

Alan Altman, Deputy Director of Solid Waste, stated that after a storm event, the only thing that Advanced Disposal is required to pick up is bagged waste, which they did for the first two weeks. Normally, 250 to 253 tons of yard trash is picked up per week and the first week after the storm nearly 800 tons of yard trash was picked up, well above a normal week. Advanced Disposal has been instructed to pick up small piles of debris only.

Commissioner Bolla stated that the County's first mission is safety. There are numerous piles of debris throughout the County and he spoke in favor of moving forward to get the debris removed.

Mr. Ward commented that staff has reached out to our state and local Congressional leaders and continue to speak with FEMA every day.

Commissioner Bolla commented on the great job that staff did at the EOC and expressed kudos to Mr. Ward for keeping the County on task.

County Manager Kopelousos stated that if the Board wanted Advanced Disposal to pick up more debris, the County would have to pay for it.

Commissioner Bolla responded that if it would help remove the debris, then they should do it.

After discussion, Commissioner Davis moved, seconded by Commissioner Bolla, and carried 5-0, to allow the County Manager the flexibility necessary to wait for a response from FEMA until Thursday, October 27, 2016, 10:00 a.m., and after that date; if no response is received, the County will move forward with the debris removal on their private roads. Further, approval was granted to send a letter from the Chairman to our Congressional Delegation requesting their assistance with this issue and with the river clean-up.

COUNTY ATTORNEY

19. Request by the City of Keystone Heights to be included in the Clay County Solid Waste Disposal Municipal Service Benefit Unit commencing October 1, 2017.

County Attorney Grimm, presented the item for Board consideration.

Vice-Chairman Robinson spoke in favor of the item.

Commissioner Bolla asked if the municipalities participate in the cost. Ms. Grimm stated that it was revenue neutral. Mr. Bolla asked if mosquito spraying included the Town of Orange Park. County Manager Kopelousos responded that the entire County is sprayed for mosquitos.

Vice-Chairman Robinson asked if private roads are included in the storm debris removal. County Manager Kopelousos stated that they were included.

After discussion, Commissioner Bolla moved, seconded by Commissioner Burney, and carried 4-0, with Commissioner Davis absent momentarily, to approve the item as presented and adopt a Resolution of Intent by December 31, 2016.

20. Request by the City of Keystone Heights to be included in the Clay County Solid Waste Collection Municipal Service Benefit Unit commencing October 1, 2017

County Attorney Grimm presented the item for Board consideration.

After discussion, Commissioner Bolla moved, seconded by Commissioner Burney, and carried 4-0, with Commissioner Davis absent momentarily, to approve the item as presented and adopt a Resolution of Intent by December 31, 2016.

21. Discussion regarding regulations and zoning requirements for the operation of medical marijuana treatment centers and licensed dispensing organizations should Amendment 2 be approved.

County Attorney Grimm presented the item for Board consideration.

Ed Lehman, Planning/Zoning Director, stated that staff has received a few inquiries and requested the Board's direction on how to proceed.

Commissioner Bolla asked if this amendment was to legalize marijuana or was it for medical use. County Attorney Grimm stated that if Amendment 2 was approved, the forms of treatment allowed would be expanded to a smoking format. Commissioner Bolla stated that it was his understanding 70% of the population was in favor of medical marijuana. He asked how they would keep it out of the County.

After discussion, it was a consensus of the Board that staff should prepare a moratorium for a period of one-year regarding regulations and zoning requirements for the operation of medical marijuana treatment centers and licensed dispensing organizations and bring it back to the Board for further discussion.

TIME CERTAINS

22. 5:00 PM or as soon thereafter - Final Public Hearing to Consider Application Z-16-12 Clay County Gun Range.

Chad Williams, Zoning Chief, presented the item for Board consideration.

Chairman Hutchings opened the public hearing.

James Otto, 2908 Blanding Boulevard, Middleburg, Florida, spoke in favor of the gun range.

Chairman Hutchings closed the public hearing.

After discussion, Vice-Chairman Robinson moved, seconded by Commissioner Bolla, and carried 5-0, to approve the item as presented.

23. 5:05 PM or as soon thereafter - Final Public Hearing - Adoption of Final Millage and Budget for FY 2017.

County Manager Kopelousos made the following announcement:

The Fiscal Year 2016-17 aggregate millage rate is 7.8508 which is more than the current year aggregate rolled-back rate of 7.5631 by 3.80%. The proposed operating millage rates are broken down as follows: County Services "5.2349 mills", Unincorporated Services MSTU Fund "0.1110 mills", Law Enforcement MSTU-4 Fund "2.2503 mills", Fire Control MSTU-8 Fund "0.5048 mills", Lake Asbury MSBD "0.0000 mills", and Challenger Roadway MSTU "3.0000 mills". The increase in revenue from Ad Valorem taxes of \$3.77 million is budgeted to fund increases in public safety, health care costs, employee compensation, and much needed repairs and maintenance.

Chairman Hutchings opened the public hearing.

James Otto, 2908 Blanding Boulevard, Middleburg, Florida, spoke in opposition of the millage rate. He asked the Board to support funding to help women who are suffering from domestic violence and commented on debris recovery.

Vice-Chairman Robinson stated that he would not support the millage if it included the millage rate for the MSTU for “3.0000 mills.”

Roll Call vote to approve and adopt the Resolution setting the final millage rates to be levied for the County and the Lake Asbury Municipal Service Benefit District for FY 2016-17:

Commissioner Davis	Aye
Commissioner Burney	Aye
Vice-Chairman Robinson	Nay
Commissioner Bolla	Aye
Chairman Hutchings	Aye

After discussion, Commissioner Bolla moved, seconded by Commissioner Burney, and carried 4-1, with Vice-Chairman Robinson dissenting, to approve and adopt the Resolution setting the final millage rate to be levied for the County and the Lake Asbury Municipal Service Benefit District for FY 2016-17 as presented.

Roll Call Vote to approve and adopt the Resolution for the Final Budget for FY 2016-17 in the amount of \$312,801.311 (non-inclusive of the Lake Asbury MSBD Budget of \$569,300):

Commissioner Davis	Aye
Commissioner Burney	Aye
Vice-Chairman Robinson	Nay
Commissioner Bolla	Aye
Chairman Hutchings	Aye

After discussion, Commissioner Davis moved, seconded by Commissioner Bolla, and carried 4-1, with Vice-Chairman Robinson dissenting, to approve and adopt the Resolution for adopting the Final Budget for FY 2016-17 in the amount of \$312,801.311 (non-inclusive of the Lake Asbury MSBD Budget of \$569,300) as presented.

Chairman Hutchings closed the public hearing.

24. Contingency Transfer for Disaster Recovery - Hurricane Matthew

Clayton Meng, Finance Director, presented the item for Board consideration.

After discussion, Commissioner Bolla moved, seconded by Commissioner Burney, and carried 5-0, to approve the item as presented.

LETTERS FOR ACTION None

LETTERS OF DOCUMENTATION None

25. BCC bid openings 102516

Bid Opening Tabulation for October 4, 2016:

A. Bid #15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

Bid Opening Tabulation for October 14, 2016:

A. Bid #15/16-32, Construction of Drainage Improvements Projects "A" (Midway) and "B" (Fairgrounds & Parking Areas)

Bid Opening Tabulation of October 18, 2016:

Bid #15/16-33, Firefighting Equipment for New Apparatus (Re-bid)

26. Draft Planning Commission Minutes for October 4, 2016

ADDENDUM None

PUBLIC COMMENTS

James Otto, 2908 Blanding Boulevard, Middleburg, Florida, spoke about his court case, debris removal, not funding parks, County budget issues, animal zoning regulations, and maps for parcels discussed at BCC meetings.

COMMISSIONERS' COMMENTS

Emergency Item

Commissioner Bolla requested that as an emergency item, the County waive the collection fees at the Rosemary Hill Landfill for storm related vegetation debris from Hurricane Matthew for two more weeks.

After discussion, Commissioner Bolla moved, seconded by Commissioner Burney, and carried 5-0, to declare the item presented by Commissioner Bolla as an emergency.

After discussion, Commissioner Bolla moved, seconded by Commissioner Burney, and carried 5-0, to waive the collection fees at the Rosemary Hill Landfill for storm related vegetation debris from Hurricane Matthew through Saturday, November 5, 2016, retroactive to Saturday, October 22, 2016.

Commissioner Bolla thanked Commissioner Burney for his support regarding the HOA issue recently brought to the Boards attention. He urged citizens to get out and vote. He suggested the Board revisit the rural events new conditional use category in the County's zoning regulations to see what can be done to limit the unintended detrimental consequences.

Vice Chairman Robinson responded that the zoning issue is a major issue and if it had been simply established, we would not have this problem.

Commissioner Bolla commented that his constituents are able to access his emails and he thanked the Emergency Operation Center for a job well done during Hurricane Matthew.

Chairman Hutchings adjourned the meeting at 7:18 P.M.

Attest:

Clerk of the Board

Chairman or Vice-Chairman



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: Clay County Board of
County Commissioners

DATE: 12/29/2016

FROM: Administrative and
Contractual Services

SUBJECT:

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

Transportation Impact Fee Workshop

Is Funding Required (Yes/No):
No

If Yes, Was the item budgeted
(Yes/No/N/A):
No

Not Applicable

Sole Source (Yes/No):
No

Advanced Payment
(Yes/No):
No

Planning Requirements:
Public Hearing Required (Yes/No):
No

Hearing Type:

Initiated By:

Not Applicable

ATTACHMENTS:

Description	Type	Upload Date	File Name
December 8, 2016 BCC Workshop Meeting Minutes	Backup Material	12/29/2016	BCC_Workshop_Meeting_Minutes_12-8-2016.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Administrative and Contractural Services	Slaybaugh, Jaclyn	Approved	1/6/2017 - 1:11 PM	Item Pushed to Agenda



BOARD OF COUNTY COMMISSIONERS

WORKSHOP MEETING MINUTES

December 8, 2016

Administration Building, 4th Floor, BCC Meeting
Room

3:00 PM

CALL TO ORDER

Chairman Bolla called the Workshop to order at 3:00 P.M. He presented some housekeeping rules which included the fact that public comments will be allowed but at the end of the workshop. He then presented an overview of the impact fee status.

INVOCATION

None

PLEDGE

None

ROLL CALL

Present: Commissioner District 2 Chairman Wayne Bolla
Commissioner District 3 Vice-Chair Diane Hutchings
Commissioner District 4 Commissioner Buck Burney
Commissioner District 1 Commissioner Mike Cella
Commissioner District 5 Commissioner Gayward Hendry

Absent: None

Staff Present: County Manager S. C. Kopelousos
County Attorney Courtney K. Grimm
County Auditor Mike Price
Chief Assistant County Attorney Fran Moss

PUBLIC COMMENTS

Public comments were entertained during the latter part of the workshop.

NEW BUSINESS

1. Discussion Regarding Transportation Impact Fees
 - a. Presentation by Staff and Recommendation
 - b. Board Discussion

Chairman Bolla shared that the first mission is to provide for the safety of the citizens. When looking at the cost to provide fire/rescue and Sheriff's services relative to Ad Valorem revenues, that primary mission is not being funded. He then discussed the 2008 impact fee and its current moratorium status, the diversification of revenues as supported by a voter referendum, the North Florida Transportation Planning Organization Study which showed a five-hundred million dollar need, possible methods of raising revenue, the two impact fee scenarios and the required study. He concluded by referencing that staff is asking 1) whether to proceed with a transportation impact fee or an impact fee deferral program; 2) whether the impact fee study should utilized an improvements driven or standards driven methodology; and 3) further direction if the Board elects to proceed with an impact fee deferral program.

Commissioner Cella asked staff for clarification regarding the improvements vs standards driven methodologies. Holly Coyle, Economic and Development Services Director, replied that the current Ordinance uses the improvements driven methodology where the fee is based on needed future transportation improvements. So, it is a specific list of roads and fees can only be used on segments on that adopted road list. She explained that the standards driven methodology is where the fee is based on capacity consumed by the development and the cost of adding that highway capacity. So, if the development generates one-hundred vehicle miles of travel per day, then the impact fee is based on the cost to create one-hundred vehicle miles of capacity. The standards driven methodology fee is not tied to a specific list of roads and as such the fee tends to be higher. Ed Lehman, Planning Director, also added that the big flexibility with a standards driven methodology is that you don't need a plan, however it does tend to result in higher fees. Commissioner Cella commented that he would prefer some type of deferred plan (pushed as far along the process as possible), but doesn't want to penalize companies for coming into the County.

Chairman Bolla asked Mrs. Coyle to explain certificate of occupancy versus final inspection scenarios. Mrs. Coyle explained that a certificate of occupancy is issued once the work has been finalized, but not all entities require a certificate of occupancy, therefore not a good means of tying someone down to a payment. She indicated that the final inspection scenario would be better but problematic. She concluded that the best opportunity to capture the fee is when the power is turned on.

Commissioner Burney thanked staff for sharing the information and stated that he is still open as to which way to go; but agreed that something has to be done. He shared that his bottom line is that he wants to make it a win/win and that he is not open for a huge impact fee. He expressed his concern with what can be done if the study comes back and suggests a high impact fee. County Manager Kopelousos explained that if the Board felt that the fee was too high, then they could go back and remove some of the

roads from the list.

Vice-Chair Hutchings commented that she was not afraid that impact fees will stop growth and was confident that having impact fees would ensure quality growth. She also shared that inflation should be worked into the plan. Courtney Grimm, County Attorney, shared that the Florida Department of Transportation's price trend index is already part of the regulations.

Commissioner Hendry commented that he was leaning toward Commissioner Cella's deferred plan idea. He was not in favor of adding the burden to the Ad Valorem tax bill.

Chairman Bolla commented that a lot of Counties are charging impact fees for parks and libraries, so what about industrial developments? He shared that he liked the back loaded plan but staff has prevailed on the complexity of doing that. He then addressed staff's three previous inquiries. He commented that he was in favor of turning impact fees back on and preferred the improvements methodology.

Commissioner Cella also supported the improvements driven methodology. Mike Price, County Auditor, commented that flexibility is in the eye of the beholder and that the standards driven methodology will make it harder to be flexible.

Chairman Bolla asked County Manager Kopelousos to talk about how the road program will work in the future. County Manager Kopelousos commented that progress has been made with road resurfacing and paving and that she's looking at both a five-year and ten-year capital improvement plan. Chairman Bolla commented that this being a transportation impact fee, what monies can be spent where? County Manager Kopelousos replied that this is purely to add capacity not resurface or repair pot holes for example. Chairman Bolla also stated that he would look for the study to be expedited if the Board decides to go that way.

PUBLIC COMMENTS

Ken Smallwood presented a copy of the Transportation Advisory Commission (TAC) report on a long-term financing plan for public facilities for the record. He commented that the saying "make growth pay for itself" is philosophically wrong, as it already does. He added that impact fees sometimes foster unwanted consequences, spoke of the TAC report being placed on the shelf, stated the County needs a broad based bondable tax, not an impact fee which is harmful to the building industry. He asked the Board to not implement an impact fee.

Jerry Agresti agreed the County needs to solve the transportation problem, but how the monies are collected is another issue. He shared that moving the collection back a couple of months helps a little bit but doesn't do anything to address the damage caused by an impact fee. He also spoke of a work force housing problem that will be exacerbated by an impact fee on top of a school impact fee.

George Egan, 1845 Towncenter Boulevard, commented that the state of the housing market in Clay County is not as robust as it should be. He commented that for Counties to prosper they need to grow and spoke of the possible spiraling of impact fees from

various entities.

Chairman Bolla closed the public comment period.

Vice-Chair Hutchings commented that the County may need to look at the impact and fair share fee. Mrs. Coyle added that you would not pay both of those, but the higher of the two.

Commissioner Hendry asked Ken Smallwood about the deferred impact fee concept and Mr. Smallwood replied that the Jerry Agresti plan is the best plan yet for collecting a tax.

Commissioner Burney spoke of keeping the impact fee reasonable and that he is open. Mr. Agresti responded that the fee needs to be around seven-thousand dollars to solve the problems because the lower the fee the smaller list of problems it solves. He also indicated that the homebuyer would know about the fee up front.

Chairman Bolla questioned whether or not the Clay County Utility Authority (CCUA) and School Board would be needed in order to make the Agresti Plan work. Mr. Agresti replied that the County could do it alone, but it makes more sense to bring in CCUA and the School Board.

Robert Nabors, Nabors Giblin & Nickerson P.A., commented that it is common to collect at the time of the certificate of occupancy, however there is nothing wrong with extending that further if desired. He concluded that he felt the County was going in the right direction.

Commissioner Cella commented that he was not convinced that putting this on a tax bill is the best thing and that he likes the idea of deferring as long as possible. He concluded that this is not an easy decision but the County needs to set the table.

Chairman Bolla commented that this is not a punitive situation and everybody needs to pay a little bit.

Vaughn Rivers stated his concern with regard to whether or not the plan is to have fees based on cost of construction. Chairman Bolla shared that this will probably come up at the next County Commissioner's meeting as to which way to go, then a study will have to be done.

Roger Arrowsmith spoke on the concept of showing what you're getting for the fee charged. He stated that he is a proponent of impact fees because he's always paid them and it is a fair way and kind of levels the playing field. He does believe that a Development of Regional Impact (DRI) should be given some type of a break/consideration for what they have paid and will be paying into the system.

Matt Crawford commented that he was not against impact fees per se, that things would be more palatable if the School Board was willing to flex a bit and that if money is needed lets get it from everywhere.

Chairman Bolla adjourned the Workshop at 4:23 P.M.

Attest:

Clerk of the Board

Chairman or Vice-Chairman



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: Clay County Board of
County Commissioners

DATE: 12/29/2016

FROM: Administrative and
Contractual Services

SUBJECT:

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

Not Applicable

Is Funding Required (Yes/No):
No

If Yes, Was the item budgeted
(Yes/No/N/A):
No

Not Applicable

Sole Source (Yes/No):
No

Advanced Payment
(Yes/No):
No

Planning Requirements:
Public Hearing Required (Yes/No):
No

Hearing Type:

Initiated By:

Not Applicable

ATTACHMENTS:

	Description	Type	Upload Date	File Name
▣	December 13, 2016 BCC Meeting Minutes	Backup Material	12/29/2016	BCC_Meeting_Minutes_of_12-13-2016.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Administrative and Contractural Services	Slaybaugh, Jaclyn	Approved	1/6/2017 - 1:11 PM	Item Pushed to Agenda



**BOARD OF COUNTY COMMISSIONERS
MEETING MINUTES**

December 13, 2016

Administration Building, 477 Houston Street, Green
Cove Springs, FL 32043

2:00 PM

Effective Date

CALL TO ORDER

Chairman Bolla called the meeting to order at 2:00 P.M.

INVOCATION

Commissioner Hendry

PLEDGE

Commissioner Cella

ROLL CALL

Present: Commissioner District 2 Chairman Wayne Bolla
Commissioner District 3 Vice-Chairman Diane Hutchings
Commissioner District 1 Commissioner Mike Cella
Commissioner District 4 Commissioner Buck Burney
Commissioner District 5 Commissioner Gayward Hendry

Absent: None

Staff Present: County Manager S. C. Kopelousos
County Attorney Courtney K. Grimm
County Auditor Mike Price
Chief Assistant County Attorney Fran Moss

PET ADOPTIONS

Gail Flakes, Animal Care and Control Office, presented pets for adoption. The dog presented was named Jolly and the cat presented was named Ski.

Chairman Bolla stated that he will have public comments after each issue for a while, to see how it goes. He shared that speakers must stay on topic. He also commented regarding the possibility of grouping certain items together on the agenda.

SPECIAL STAFF RECOGNITION

None

PRESENTATIONS

Jackie Slaybaugh, County Manager's Office, presented artwork from Oakleaf High School where Kezia Laberis is the Art Teacher. The participating artists were Kaitlyn Johnson, Jacob Isais, Julie Christian, Jessica Lansford, Caitlin Botello, Haley Kroppman, Casey Babcock, Linda Phung, Brittany Marshall, Matthieu Forh, Nashaly Morales and Julia Rociello.

APPROVAL OF MINUTES

1. 11/10/16 BCC Meeting Minutes

See Motion Stipulated After Board Agenda Item Number 2.

2. 11/22/16 BCC Meeting Minutes

After discussion, Vice-Chair Hutchings moved, seconded by Commissioner Cella, and carried 5-0, to approve both the November 10th and November 22nd, 2016 BCC Meeting Minutes as presented.

PUBLIC COMMENTS

James Otto, 2910 Highway 21, Middleburg, Florida, spoke of trouble pulling-up the Board meeting of December 8, 2016; spoke of adopting out animal breeds better along with catch and release options and unconstitutional laws.

Scott Komegay, Keystone Heights City Manager, commented on the results of the recent Water Summit and the resulting Steering Committee. He then read the names of the Steering Committee agency representatives into the record.

CONSENT AGENDA

After discussion, Vice-Chair Hutchings moved, seconded by Commissioner Hendry, and carried 5-0, to approve the consent agenda as presented.

3. Finance Business

The Finance Department business is submitted to request approval and ratification by the Board for various warrants and disbursements in order to meet the requirements of Ch. 136.06 (1), FI Statute. Acceptance and disposal of various Board property and various documents are submitted for the Board's information. At times, approval is requested for various finance related issues.

4. Finance & Audit Committee Business

Approval of Finance & Audit Committee Minutes of December 6, 2016.

OLD BUSINESS

5. Continued discussion regarding Rural Event Centers

Discussion regarding Rural Event Centers (REC) was held at the November 10th Board meeting. The applicant of the REC currently being reviewed by staff agreed to postpone further discussion of the item to the meeting of November 22nd. At the meeting on November 22nd, attorneys for both the applicant and the residents agreed to defer further discussion until the meeting of December 13th.

Ordinance 2016-10, which adopted the conditional uses for Rural Event Centers, is attached.

Chairman Bolla opened the item for public comment.

Commissioner Burney requested that Emily Pierce speak first; however she opted to speak later.

Marti Fortier was called but James Whitehouse took the podium to give an overview prior to individual comments being made. He then commented that the proposal does not meet the requirements of the Comprehensive Plan.

Kim Fortier, Melrose, Florida, spoke in opposition stating that the barn at Melrose does not meet the requirements of the Comprehensive Plan, a buffer zone does not exist because of the way the road is situated, the uses are incompatible and that this venture is a commercial enterprise.

Angela Addington, 8166 Alderman Road, Melrose, Florida, stated that what is happening in the area is sad and that they moved to the country for a purpose. She spoke in opposition to loud music at night and asked the Board to please stop this Ordinance.

Paul Fincke, spoke against heavy equipment dangers, site visibility problems and pedestrian dangers.

Stacee Reape, 3411 Brown Road, Green Cove Springs, Florida, spoke in favor of the Ordinance stating that they follow the Noise Ordinances, pointed out the economic opportunities for Clay County and shared that they are self-regulating with regard to parking.

Beth Moses, 3410 Brown Road, Green Cove Springs, Florida, presented a slide show presentation of a Wedding event for information purposes. Said slide show was not submitted to the Clerk for the record.

Edwin Austin, Orange Park, Florida, spoke in support of the Ordinance citing the economic benefits and stating that the events were not overly loud.

Kathy Lewis, 203 North Street, Green Cove Springs, Florida, spoke in favor of the venue, which she is using for an upcoming wedding for her son.

Edwin T. Bennett, Keystone Heights, Florida, spoke in opposition stating that he lives just down the road from the subject site, that the facility will negatively affect the neighborhood as it relates to property values and loss of revenues.

Carol Meyer, 8146 Alderman Road, Melrose, Florida, spoke in opposition stating that her family has owned her property since 1948, the road is dirt with two 90 degree turns, cited numerous accidents, claimed degradation of the lakes and an increase in lawlessness.

Alexandria Hill, 920 Fleming Street, Fleming Island, Florida, representing Pat and Jim Tucker, provided the history of how the Tuckers came to allow private events on their private property. She stated that the use is existing and advised against prohibiting an existing use. She then urged the Board to not shut down businesses in Clay County.

Hal Collins, 6699 Mt. Vernon Drive, Melrose, Florida, spoke in opposition stating that the proposed activity is a commercial use which is not consistent with the Comprehensive Plan.

Michael Wadley, Winter Park, Florida, stated that this is a commercial development in his professional opinion and thus inconsistent with the Comprehensive Plan.

S. Fortier, Orlando, Florida, commented that this use blatantly violates the Comprehensive Plan, will affect property values, will set a precedence across the County and asked the County to uphold the zoning laws.

Rochelle Lawandales, 335 Sherwood Avenue, Satellite Beach, Florida, submitted a compatibility and consistency report, concluding that this is a commercial project. She also shared that the barn at Melrose is a new development while Tuckers Farm is an existing farm.

Gary Yeldell, Melrose, Florida, commented that he was troubled by a number of legal issues. He shared that it seems the burden has shifted to the citizens having to prove why this is not legal. He asked the Board to not authorize the abuse of the zoning laws.

Ginny Fonvielle, 6750 Mt. Vernon Drive, Melrose, Florida, spoke in opposition

because the site is an agricultural piece of land then quoted various excerpts from a previous meeting.

Mike Hoover, Keystone Heights, Florida, spoke in opposition citing loss of revenues. He asked the Board to not approve this item.

James Otto, 2910 Highway 21, Middleburg, Florida, spoke in opposition.

Lee Myers, 1772 Margarets Walk, Fleming Island, Florida, presented a PowerPoint presentation on the Barn at Melrose showing the web site, land survey, tree survey, enclosed barn, similar sites, existing conditions and the fact that the property was designed around the trees.

Alan Gibbs, 6736 Mt. Vernon Drive, Melrose, Florida, commented that he would like to see a win/win on this issue.

Emily Pierce, 1301 Riverplace Boulevard, Jacksonville, Florida, submitted a booklet for the record then commented regarding appeal procedures and the expiration of certain time frames. She objected to rescinding the Myers Use.

Bill Alan, Alderman Rd, commented that they did not object previously because they did not receive adequate notice and would argue no due process for the neighborhood. He requested the use not be allowed to go forward.

Chairman Bolla closed the public hearing.

Commissioner Burney commented that the Myers have done nothing wrong and that he is for a "Barn" but not where it is not supposed to go. He stated that this should have never happened and that the fair thing to do is give the Myers the money for their property and let them move to a better site where they can be successful. He then recommended voting to rescind the order.

Commissioner Cella expressed his distain of being threatened with legal action, spoke of walking the property and recommended voting for what is right for the neighborhood.

Commissioner Hendry agreed with Commissioner Burney's comments.

Vice-Chair Hutchings commented that threats of law suits will not sway the decision. She indicated that she was looking at the facts and what she is obligated to do. She also commented that she has not seen a decline in property values near the Tucker Farm based on public record information, suggested a PUD (although the petitioners have done nothing wrong), didn't appreciate the Comprehensive Plan threats, and that she was not provided with any proof of increased crime or declining property values.

Chairman Bolla commented that he likes the barn venue concept as a business model, doesn't think they got the first Ordinance completely right, expressed his awareness of the unintended consequences, understands that the letter of the law was followed and doesn't appreciate law suit threats. He commented further that this seemed like a property rights issue between a community and an individual and that he leans toward the

community. His main interest is fixing the Ordinance and preserving the rights of the two current businesses. He concluded by stating that he would recommend invalidating the present Ordinance and fixing it.

Commissioner Cella, spoke in support of Commissioner Burney's efforts and that Tucker's Farm is a shining star in the district.

After discussion, Commissioner Burney moved, seconded by Commissioner Hendry, and carried 4-1, with Vice-Chair Hutchings dissenting, to direct staff to prepare an Ordinance to repeal the existing Ordinance #2016-10, prepare a new Ordinance that would be in-line with the Board's intent expressed this afternoon and secondly direct the County Manager to direct staff not to accept any further conditional use applications for rural event centers and that no further action shall be taken as the rural event center Ordinance is invalid.

Chairman Bolla Recessed the meeting at 4:00 P.M.

Chairman Bolla Re-convened the meeting at 4:10 P.M.

6. Second Amendment and Modification to 911 System Maintenance Services

Approval of Second Amendment and Modification to Agreement # 05/06-188 with AK Associates for to 911 System Maintenance Services and GIS/ALI support. Term of the Agreement is for one year in the amount of \$219,257.00. Funding Source: 133-2108-546100 (911-Wireless Fund - 911-Wireless - Repairs and Maintenance)

Troy Nagle, MIS Director, presented the item for the Board's consideration.

After discussion, Commissioner Cella moved, seconded by Commissioner Hendry, and carried 5-0, to approve the Second Amendment and Modification to Agreement #05/06-188 as presented.

PLANNING AND ZONING

7. Final Public Hearing to Consider Rezoning Application Z-16-13 PS-1 to RB (Planning Commission Vote: 5-0 Approval)

Petition to rezone 14 + acres from PS-1 private service to RB single family residential.

Chad Williams, Zoning Chief, presented the item for the Board's consideration. He shared the staff's recommendation for approval and the fact that the Planning Commission voted to approve the item.

Chairman Bolla opened the public hearing.

Tony Gorla commented that he was available to answer any questions.

James Otto, 2910 Highway 21, Middleburg, Florida, spoke in opposition to the petition and asked that it be postponed.

Richard Klinzman commented that he would like housing development stopped until County Road 220 can handle the traffic.

Chairman Bolla closed the public hearing.

After discussion, Commissioner Hendry moved, seconded by Vice-Chair Hutchings, and carried 5-0, to approve rezoning application Z-16-13 as presented.

8. Final Public Hearing to Consider Adoption of CPA 2016-08 (BCC Transmittal Vote: 4-1 Approval)

CPA 2016-08, Orange Park Construction, is a text amendment to BF Policy 4.2 to amend the requirements for Neighborhood Centers within the Master Planned Community land use category and a large scale map amendment to change the land use designation on 72.56 acres from BF RS (BF Rural Suburb) to BF MPC (BF Master Planned Community).

Carolyn Morgan, Chief Planner, presented the item for the Board's consideration. She shared the surrounding land uses, stipulated density, staff's recommendation for approval and the fact that the Planning Commission voted to approve the item.

Chairman Bolla opened public hearing.

Susan Fraser, SLF Consulting, spoke in support of the item.

James Otto, 2910 Highway 21, Middleburg, Florida, asked the Board to not approve anymore housing until the impact fee is taken care of.

Roger Arrowsmith, Fleming island, commented that this parcel has a seven million dollar road connector coming through which provides a great link for the community; basically a win/win situation.

Chairman Bolla closed the public hearing.

After discussion, Vice-Chair Hutchings moved, seconded by Commissioner Cella, and carried 5-0, to approve the adoption of CPA 2016-08 as presented.

9. Final Public Hearing to Consider Adoption of Code Change 2016-03 (Planning Commission Vote: 5-1 Approval of Staff Recommendation)

Code Change 2016-03 amends the BF Land Development regulations to be consistent with BF Policy 4.2 with regard to neighborhood centers and revises the lot size variety to eliminate the requirements to vary lot sizes within each blocks while maintaining the requirement for lot size variety.

Carolyn Morgan, Chief Planner, presented the item for the Board's consideration. She shared a description of the project and the Planning Commission's recommendation for approval of the neighborhood centers language, but disapproval of the lot size variety language.

Chairman Bolla opened the public hearing.

Susan Fraser, SLF Consulting, commented on lot size diversity. She shared that the Planning Commission didn't vote on the developed alternative concept and asked the Board to approve the amendment that lot size doesn't apply to lots over 5,000 square feet.

James Otto, 2910 Highway 21, Middleburg, Florida, commented that Ms. Fraser was given twenty seconds extra.

Roger Arrowsmith, commented that the development will have a variety of neighborhoods to allow more people to take advantage of the community. He stated that he supports Susan Fraser's proposed language regarding lot sizes.

Chairman Bolla closed the public hearing.

Vice-Chair Hutchings asked staff about the alternative agreement and Carolyn Morgan stated that it was not within the purview of what had been advertised and as such would have to be considered after proper advertising. Ms. Morgan indicated that she supports lot size diversity not having to be in the same block of the development.

After discussion, Commissioner Burney moved, seconded by Commissioner Cella, and carried 5-0, to move forward with the amendment as advertised and direct staff to come back with a new amendment addressing varying lot sizes within the development rather than in each block.

10. PUD Extension Request

Louis L. Huntley is requesting an extension of PUD-12-06, a mixed use project located on Kingsley Avenue, for a period of one year. Section 3-33(f)(ii) of the Clay County Land Development Code allows for the Board of County Commissioners to extend a PUD rezoning for a period of one year.

Chad Williams, Zoning Chief, presented the item for the Board's consideration.

After discussion, Commissioner Hendry moved, seconded by Vice-Chair Hutchings, and carried 5-0, to approve the extension request for PUD-12-06 as presented.

11. Schedule of Public Workshops for Citizen Input on the Comprehensive Plan Update

Attached is a schedule of workshops for each of the seven Planning Districts in the County. The purpose of the workshops is to gather citizen

input to assist in the update of the Comprehensive Plan.

Ed Lehman, Planning Director, presented a list of workshop sites scheduled to gain citizen input regarding the updating of the Comprehensive Plan and informed the Board that all workshops will be held at 6:00 PM. This item was presented for information only.

James Otto, 2910 Highway 21, Middleburg, Florida, asked if the workshops will be on the impact fees.

NEW BUSINESS

12. Public Hearing for consideration of a resolution of intent to use the uniform ad valorem method under Section 197.3632, Florida Statutes, for collecting solid waste collection non-ad valorem assessments imposed within the City of Keystone Heights

Fran Moss, Chief Assistant County Attorney, presented the Resolution for the Board's consideration. She shared that agenda item numbers 12 and 13 could be considered together.

Chairman Bolla opened the public hearing on agenda item numbers 12 and 13 combined.

James Otto, 2910 Highway 21, Middleburg, Florida, requested that the items be kept separate, then commented regarding not being able to burn materials in the city.

Chairman Bolla closed the public hearing.

After discussion, Vice-Chair Hutchings moved, seconded by Commissioner Cella, and carried 5-0, to approve both agenda item numbers 12 and 13 as presented.

13. Public Hearing for consideration of a resolution of intent to use the uniform ad valorem method under Section 197.3632, Florida Statutes, for collecting solid waste management and disposal services non-ad valorem assessments imposed within the City of Keystone Heights

See agenda item number 12 for the discussion and decision regarding this item.

14. Final Plat for Brannan Mill Boulevard
Acceptance of final Plat of Brannan Mill Boulevard

Dale Smith, County Engineer, presented the item for the Board's consideration.

After discussion, Vice-Chair Hutchings moved, seconded by Commissioner Hendry, and carried 5-0, to accept the final plat of Brannan Mill Boulevard as presented.

15. Eisman & Russo CR220 Widening Agreement (Henley Rd - Little Black Creek Bridge)

Approval of the Engineering Services Agreement with Eisman & Russo Consulting Engineers, Inc., for the C.R. 220 Widening Project (from Henley Road to Little Black Creek Bridge, for a term of 60 months, at the cost of \$530,762.60. Funding Source: 305-6065-563000 (Comp. Plan Capital Improvement / CR220-CR209 to Knight Box)

Dale Smith, County Engineer, presented the item for the Board's consideration.

Richard Klinzman asked the Board if they could wait on introducing more homes onto County Road 220 in light of the design services being estimated to take five years.

James Otto, 2910 Highway 21, Middleburg, Florida, agreed with the comments made by Mr. Klinzman.

Ken Smallwood, congratulated staff regarding their efforts with the final plat of Brannan Mill Boulevard.

Chairman Bolla closed the discussion for public input.

After discussion, Vice-Chair Hutchings moved, seconded by Commissioner Hendry, and carried 5-0, to approve the Engineering Services Agreement with Eisman & Russo Consulting Engineers, Inc. as presented.

16. Extension of Transportation Impact Fee Moratorium

On July 22, 2008, the Board of County Commissioners adopted Ordinance 2008-30 which imposed a transportation impact fee on new construction. On April 28, 2009, the Board imposed a two-year moratorium on the collection of those fees in order to stimulate new residential and commercial construction activity.

The moratorium has been extended seven times and will expire on December 31, 2016. The Board, at its meeting on November 22, 2016, voted to extend the moratorium for a period of one year and directed staff to proceed with preparation of an impact fee study.

The attached ordinance is presented for your consideration and approval.

Holly Coyle, Economic and Development Services Director, shared that she is

requesting further direction from the Board regarding the extension of the Transportation Impact Fee Moratorium. County Manager Kopelousos read a prepared time-line of events into the record.

Vice-Chair Hutchings moved that the amended Ordinance be adopted.

Chairman Bolla opened the public hearing.

Mr. Spradley thanked the Board for the extension and encouraged the Board to hold to the one year moratorium.

James Otto, 2910 Highway 21, Middleburg, Florida, spoke in opposition to extending the moratorium.

Travis Christensen, 2871 Affirmed Court, Green Cove Springs, Florida, commented that the County has things to pay for and that not all of the money will come from an impact fee. He also suggested the possibility of building up the business community to get more taxable revenue.

Richard Klinzman, commented that there was a reason for impact fees in the past and that there is a need for impact fees now.

Chairman Bolla closed the public hearing.

Commissioner Cella seconded Vice-Chair Hutchings earlier motion.

Commissioner Cella commented that the revenue is needed and that the reason the impact fee can't be implemented immediately is due to the legal requirements that have to be met.

Commissioner Burney commented that the County is going in the right direction to do the required study.

Vice-Chair Hutchings suggested that businesses work the impact fee into their business plans for September of 2017.

Chairman Bolla commented that not all of the needed monies can come out of ad valorem taxes, that the County must be sympathetic to both sides and that the County will move as quickly as possible.

The earlier motion by Vice-Chair Hutchings carried 5-0.

It was also the consensus of the Board to go with the impact fee deferred method which is to get as close to getting the power turned on as possible. The Board also reached a consensus for the improvements driven method (which was also recommended by staff) over the standards driven method in order to have more flexibility.

17. Discussion Regarding Priorities for 2017

The Commissioners provided their top three priorities for the year.

Vice-Chair Hutchings listed economic development branding, infrastructure (roads, drainage), libraries and employee salaries.

Commissioner Hendry listed a review of the code enforcement policies and lien process, animal care and control facility, employee salaries and water plans for Clay County.

Commissioner Cella listed infrastructure (roads, traffic), a recreation and parks plan, economic development (tourism attraction), animal control and libraries.

Commissioner Burney seconded what everyone had listed, but shared that employee salaries are very important. He thanked the County Manager for the process of getting a new Keystone Heights fire station and shared that something has to be done about vehicles driving the lake beds.

Chairman Bolla listed a park plan, a capital improvement plan and coming up with a "third leg" to financially support road projects.

COUNTY MANAGER/CLERK OF THE BOARD

18. FEMA Public Assistance Alternative Procedure Pilot Program for Debris Removal Acknowledgement

Approval of the "Public Assistance Alternative Procedures Pilot Program for Debris Removal Acknowledgement", with the Federal Emergency Management Agency (FEMA), for the purpose of implementing alternative procedures for the Public Assistance Program through a pilot program. This is a reimbursement acknowledgement.

County Manager Kopelousos presented the item for the Board's consideration.

After discussion, Vice-Chair Hutchings moved approval of the item, seconded by Commissioner Hendry. There was no action taken.

James Otto, 2910 Highway 21, Middleburg, Florida, commented on debris being a commodity worth some money and that local people with trucks would be willing to do the pick-up.

John Ward, Emergency Management, commented that this program will get us an additional cost for the first 30 days. He also shared that the storm debris pick-up process should be completed this week.

After discussion, Commissioner Burney moved, seconded by Vice-Chair Hutchings, and carried 5-0, to approve the "Public Assistance Alternative Procedures Pilot Program for Debris Removal Acknowledgement" as presented.

19. Emergency water damage restoration services were provided by

SERVPRO in the amount of \$19,398.71 at the Clay County Court House Chapter 6 of the Purchasing Policy requires the County Manager to report any and all emergency purchases to the Board at its next meeting:

Emergency water damage restoration services were provided by SERVPRO in the amount of \$19,398.71 at the Clay County Court House.

County Manager Kopelousos explained the water damage issue for the Board as required by policy.

20. Approval of Applications for Submission to FDOT for the County Incentive Grant Program

County Manager Kopelousos presented the item for the Board's consideration.

After discussion, Vice-Chair Hutchings moved, seconded by Commissioner Hendry, and carried 5-0, to approve the County Incentive Grant Program as presented.

COUNTY ATTORNEY

21. Agreement for Clay County to Reimburse the Property Appraiser [Solid Waste Disposal and Collection MSBUs for City of Keystone Heights]

The Board is in the process of developing the mechanism whereby the solid waste disposal and collection costs for the residential properties in the City of Keystone Heights may be placed on the annual tax bill as a non ad valorem assessment. Section 197.3632, Florida Statutes, governs the process by which this occurs. In order to successfully impose the assessments, the County requires the assistance of the Clay County Property Appraiser in preparing the assessment roll and the Clay County Tax Collector to prepare the tax rolls and collect the fees. Section 197.3632, Florida Statutes, requires that the County contract with the Property Appraiser and the Tax Collector to set forth reimbursement of costs to the Tax Collector and the Property Appraiser along with their statutory duties regarding creation of the roll.

After discussion, Vice-Chair Hutchings moved, seconded by Commissioner Hendry, and carried 5-0, to approve agenda item numbers 21 and 22 and accept the updated version of the Tax Collector's Reimbursement Agreement as presented.

22. Agreement for Clay County to Reimburse the Tax Collector [Solid Waste Disposal and Collection MSBUs for City of Keystone Heights]

The Board is in the process of developing the mechanism whereby the solid waste disposal and collection costs for the residential properties in the City of Keystone Heights may be placed on the annual tax bill as a non ad valorem assessment. Section 197.3632, Florida Statutes, governs the process by which this occurs. In order to successfully impose the assessments, the County requires the assistance of the Clay County Property Appraiser in preparing the assessment roll and the Clay County Tax Collector to prepare the tax rolls and collect the fees. Section 197.3632, Florida Statutes, requires that the County contract with the Property Appraiser and the Tax Collector to set forth reimbursement of costs to the Tax Collector and the Property Appraiser along with their statutory duties regarding creation of the roll.

See agenda item number 21 for the decision regarding this agenda item.

TIME CERTAINS

23. 2 p.m., or as soon thereafter - Public Hearing - CCSO Request to amend FY 16/17 Budget for carry forward funds
Approval to amend FY 2016-2017 Budget for carry forward request from CCSO.

Elise Gann, Chief Financial Officer, Clay County Sheriff's Office, presented the item for the Board's consideration.

Chairman Bolla opened the public hearing.

James Otto, 2910 Highway 21, Middleburg, Florida, spoke on jailers with work crews, SOB's and commented that citizens should have these jobs instead of jailers.

Chairman Bolla closed the public hearing.

After discussion, Vice-Chair Hutchings moved, seconded by Commissioner Cella, and carried 5-0, to approve the fiscal year 16/17 budget for carry forward funds as presented.

LETTERS FOR ACTION

24. Approval of resignation letter; Gayward F. Hendry, Clay County Historical Preservation Board and the Planning Commission

After discussion, Vice-Chair Hutchings moved, seconded by Commissioner Cella, and carried 5-0, to accept the resignation letter of Gayward F. Hendry from the Clay County Historical Preservation Board and the Planning Commission as presented.

LETTERS OF DOCUMENTATION

25. Florida Public Service Commission Notice
FPSC Order No. PSC-16-0424-TRF-EI

26. 2017 Notice of Meetings of the LAMSBD Board

ADDENDUM

None

REORGANIZATION OF THE BCC

Not Applicable

PUBLIC COMMENTS

Travis Christensen, 2871 Affirmed Court, Green Cove Springs, Florida, spoke of his disapproval of the Sheriff's choice for legal counsel.

Richard Klinzman, wished everyone a Merry Christmas and Happy New Year.

James Otto, 2910 Highway 21, Middleburg, Florida, asked that no money be allocated for football in the park plan, that the adoption of animals for free is crazy and that staff is not that great. He also commented on rural event centers, illegal roads and building without infrastructure.

COMMISSIONERS' COMMENTS

Commissioner Cella thanked staff for their assistance, thanked Commissioner Burney for his work on solving the wedding barn conundrum and urged Chairman Bolla to reconsider allowing additional comments on all agenda items.

Commissioner Burney expressed his appreciation for the Board's insight on the barn issue.

Vice-Chair Hutchings welcomed the two new Commissioners, wished everyone a Merry Christmas and thanked staff for their work.

Commissioner Hendry commended the staff for their work, expressed that there are some important issues coming up, spoke on the need to fix the rural event centers Ordinance and wished everyone a Merry Christmas.

Chairman Bolla commented on Commissioners tying up staff time for more than a day and asked that the matters be brought to the Board. He wished everyone a Merry Christmas and stated that he was looking forward to a great year.

The Chairman adjourned the meeting at 6:04 P.M.

Attest:

Clerk of the Board

Chairman or Vice-Chairman



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT: The Finance Department business is submitted to request approval and ratification by the Board for various warrants and disbursements in order to meet the requirements of Ch. 136.06 (1), FI Statute. Acceptance and disposal of various Board property and various documents are submitted for the Board's information. At times, approval is requested for various finance related issues.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description	Type	Upload Date	File Name
▢ Finance Business	Cover Memo	1/3/2017	Fin01-10-17.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Finance	Slaybaugh, Jaclyn	Approved	1/5/2017 - 3:50 PM	Item Pushed to Agenda

FINANCE DEPARTMENT BUSINESS

For Board Meeting Date of : January 10, 2017

1. DOCUMENTS FILED FOR THE RECORD/INFORMATION, IN THE FINANCE DEPARTMENT AND APPROVAL OF EQUIPMENT DISPOSAL, TRANSFER AND ACCEPTANCE

a. *Inventory - junked/removed*

The County property from Public Safety listed below is to be junked and/or destroyed and removed from the Board's inventory.

County ID.	Description	Serial No.	Condition	DOP
CD-2653	PhD+ Gas Detector	29786	Inoperative	7/05

b. *Inventory - IT recycling*

The County IT equipment listed below will be sent to recycling pending a 45 day holding period for any potential continued usage by other County departments or agencies.

County ID.	Description	Serial No.	Condition	DOP
FIN-1081	Computer-Dell	4NH86B1	Broken	7/6/06
0000007716	Network Security Appliance	N/A	Broken	4/13/10
0000007282	Server-Poweredge 860 (Dell)	1L0BQG1	Obsolete	7/22/08
LB-1427	Computer-PC (Dell)	H4JTK91	Broken	3/28/06
LB-1436	Computer-PC (Dell)	H4GHZ91	Broken	6/13/06
CS-1463	Computer-PC (Dell)	8GFF5C1	Obsolete	2/13/07
CS-1464	Computer-PC (Dell)	BGFF5C1	Broken	2/13/07
CS-1465	Computer-PC (Dell)	CGFF5C1	Broken	2/13/07
CS-1466	Computer-PC (Dell)	JGFF5C1	Obsolete	2/13/07
0000005395	Computer-Laptop (Dell)	H3TQG51	Broken	11/5/04

c. *Heavy equipment 8(a)*

Reporting of heavy equipment expenditures, in the total amount of \$27,253.00, as required per the Purchasing Manual, Chapter 5, Section C Paragraph 8(a).

d. *Inventory - surplus*

The County property from Public Safety listed below has some cash value and is requested that it be stored as surplus property subject to transfer, public auction or for sale to the highest responsible bidder.

County ID.	Description	Serial No.	Condition	DOP
0000006761	Uni-Vent Ventilator	0702130	Fair	4/11/07
0000006762	Uni-Vent Ventilator	0702126	Fair	4/11/07

0000006763	Uni-Vent Ventilator	0702128	Fair	4/11/07
0000006764	Uni-Vent Ventilator	0702125	Fair	4/11/07
0000006765	Uni-Vent Ventilator	0702127	Fair	4/11/07
0000006766	Uni-Vent Ventilator	0702131	Fair	4/11/07
0000006767	Uni-Vent Ventilator	0702133	Fair	4/11/07
0000006768	Uni-Vent Ventilator	0702006	Fair	4/11/07
0000006958	Uni-Vent Ventilator	0704297	Fair	9/26/07

2. APPROVAL OF PAYMENTS

a. *Ratification of payments*

Ratification of payments to vendors as per check register dated December 27, 2016.

b. *Check register*

Approval of payments to vendors as per the check register dated January 10, 2017.

c. *Advanced Disposal*

Partial payment to Advanced Disposal Services Jacksonville, LLC for residential solid waste and recyclables collection services for the month of November 2016, in the amount of \$710,310.80 from the Universal Collection Fund, C/N 05/06-172.

d. *Waste Management*

Partial payment to Waste Management, Inc. for operation of the transfer station facility for the month of November 2016, in the amount of \$489,926.38, from the Environmental Services Fund, C/N 05/06-128A.

e. *Clay v. Otto*

Partial payment to Michael Kahn, PA for legal services rendered concerning the case Clay County v. James T. Otto, in the amount of \$1,620.00, invoice number 4432, from the General Fund, C/N 15/16-65.

f. *General labor and employment law*

Partial payment to Constangy, Brooks, Smith & Prophete, LLP for legal services regarding general labor and employment law, in the amount of \$574.00, invoice number 460384, from the General Fund, C/N 15/16-115.

g. *Public Works sites assessments*

Partial payments to Jones Edmunds and Associates, Inc. for Public Works sites contamination assessment work and regulatory assistance, in the amounts of \$922.61 and \$775.40, invoice numbers 0237985 and 0238103, respectively, from the Environmental Services Fund, C/N 92/93-171, 33B addendum.

h. Landfill compliance

Partial payments to Jones Edmunds and Associates, Inc. for landfill compliance monitoring services, in the amounts of \$6,661.84 and \$4,963.91, invoice numbers 0237968 and 0238161, respectively, from the Environmental Services Fund, C/N 92/93-171 37th addendum.

3. OTHER, APPROVAL FOR REQUEST(S), FOR REFUND(S) AND FINANCIAL REQUEST(S)

a. Other approvals

Clay County Finance Department request ratification of:

1. Payroll dated December 20, 2016

- Check numbers 476336 - 476888, in the amount of \$42,196.46
- Direct deposits, in the amount of \$584,920.79
- Payroll related expenditures, check numbers 308506 - 308526, including tax EFT, in the amount of \$798,237.08

2. Voids, handwrites and electronic funds transfers from December 12, 2016 - December 29, 2016, in the net amount of \$695,187.50

3. Workers compensation checks for the month ended December 31, 2016; check numbers 512925 - 512976, in the amount of \$37,589.11.

4. Payroll dated January 3, 2017

- Check numbers 476889 - 477435, in the amount of \$41,566.24
- Direct deposits, in the amount of \$611,019.10
- Payroll related expenditures, check numbers 308622 - 308628, including tax EFT, in the amount of \$257,671.59

b. Authorization to refund

Clay County Finance Department requests authorization to refund:

1. Denise Cunningham for fairgrounds rental not utilized, in the amount of \$312.69, from the General Fund as per the attached memorandum from the Parks and Recreation Division.

2. Certain individuals' driveway/culvert permits as per the attached memorandums.

3. Solid Waste Assessment Fees and Collection Fees to certain individuals', in the total amounts of \$1,552.32 and \$2,564.90, from the Solid Waste Fund and Universal Collection Fund, respectively, as per the attached memorandum from Environmental Services.

4. Rescue Department, certain companies and individuals for overpayments of

rescue accounts as per the attached memorandum dated December 30, 2016, from the General Fund.

5. A retiree for health insurance paid in error, in the total amount of \$250.00, from the Health Insurance Trust Fund, per the attached memorandum from Risk Management.

6. A retiree for dental insurance paid in error, in the total amount of \$87.12, from the General Fund, per the attached memorandum from Risk Management.

In accordance with the Americans with Disabilities Act, any person needing a special accommodation to participate in this matter should contact the Clay County ADA Coordinator by mail at Post Office Box 1366, Green Cove Springs, FL 32043, or by telephone at number (904) 269-6347 no later than three (3) days prior to the hearing or proceeding for which this notice has been given. Hearing impaired persons can access the foregoing telephone number by contacting the Florida Relay Service at 1-800-955-8770 (Voice), or 1-800-955-8771 (TDD).



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

The County property from Public Safety listed below is to be junked and/or destroyed and removed from the Board's inventory.

County ID.	Description	Serial No.	Condition	DOP
CD-2653	PhD+ Gas Detector	29786	Inoperative	7/05

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

- ▣ Public Safety-Junked Destroyed

REVIEWERS:

Department	Reviewer	Action	Date	Comments
------------	----------	--------	------	----------

No Reviewers Available

FROM: Public Safety
TO: Stephanie C. Kopelousos, County Manager
VIA: Clay County Finance Dept.
SUBJECT: County Property Receipts and Transfers

DATE: 12/6/16

REF: (A) Chapter 274, Florida Statutes
(B) Rule 69I-73 of the Chief Financial Officer's Division of Accounting and Auditing

In accordance with references (A) and (B), all County property that is to be junked, destroyed or stored will be referred to the Comptroller's Office for a designated place of storage. These items shall remain on the Department's inventory until approved by the Board of County Commissioners for final disposition.

In accordance with paragraph 1 above, I hereby submit the following:

- (a) () Through inter-departmental transfer, this Department assumes custody of the property listed below.
- (b) (x) The County property listed below is to be junked and/or destroyed, and removed from the Boards inventory.
- (c) () The County property listed below has some cash value and it is requested that it be stored as surplus property subject to transfer or public auction.
- (d) () Request units below be declared surplus and used for trade-in. Unit is not repairable.

Co. ID #	DESCRIPTION	SERIAL NO.	COST	CONDITION	DOP
CD-2653	PhD+ Gas Detector	29786	1995.50	Inoperative	7/05

Memo: Meter sensors are no longer available. No replacement sensor exists.

Custodian signature signifies compliance with Board Policy on disposal of surplus computers if applicable.

Approved _____


Custodian

C: Inventory Control, Finance Department

FINANCE # 1a



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

The County IT equipment listed below will be sent to recycling pending a 45 day holding period for any potential continued usage by other County departments or agencies.

County ID.	Description	Serial No.	Condition	DOP
FIN-1081	Computer-Dell	4NH86B1	Broken	7/6/06
0000007716	Network Security Appliance	N/A	Broken	4/13/10
0000007282	Server-Powerededge 860 (Dell)	1L0BQG1	Obsolete	7/22/08
LB-1427	Computer-PC (Dell)	H4JTK91	Broken	3/28/06
LB-1436	Computer-PC (Dell)	H4GHZ91	Broken	6/13/06
CS-1463	Computer-PC (Dell)	8GFF5C1	Obsolete	2/13/07
CS-1464	Computer-PC (Dell)	BGFF5C1	Broken	2/13/07
CS-1465	Computer-PC (Dell)	CGFF5C1	Broken	2/13/07
CS-1466	Computer-PC (Dell)	JGFF5C1	Obsolete	2/13/07
0000005395	Computer-Laptop (Dell)	H3TQG51	Broken	11/5/04

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

- ▣ Inventory - IT recycling-2

REVIEWERS:

Department Reviewer	Action	Date	Comments
---------------------	--------	------	----------

No Reviewers Available

FROM: Troy Nagle, IT Director

DATE: 12-12-16

TO: Stephanie C. Kopelousos, County Manager

VIA: Clay County Finance Dept.

SUBJECT: County Property Receipts and Transfers

REF: (A) Chapter 274, Florida Statutes

(B) Rule 69I-73 of the Chief Financial Officer's Division of Accounting and Auditing

In accordance with references (A) and (B), all County property that is to be junked, destroyed or stored will be referred to the Comptroller's Office for a designated place of storage. These items shall remain on the Department's inventory until approved by the Board of County Commissioners for final disposition.

In accordance with paragraph 1 above, I hereby submit the following:

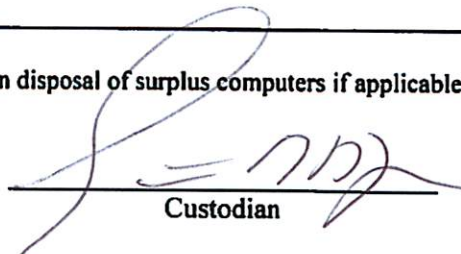
- (a) () Through inter-departmental transfer, this Department assumes custody of the property listed below.
- (b) () The County property listed below is to be junked and/or destroyed, and removed from the Boards inventory.
- (c) () The County property listed below has some cash value and it is requested that it be stored as surplus property subject to transfer or public auction.
- (d) (XXXXX) The County IT equipment listed below will be sent to recycling pending a 45 day holding period for any potential continued usage by other County departments or agencies.

TAG NO.	DESCRIPTION	SERIAL NO.	COST	CONDITION	DOP
	SEE ATTACHED				
Memo:					

Custodian signature signifies compliance with Board Policy on disposal of surplus computers if applicable.

Approved _____

C: Inventory Control, Finance Department


Custodian

FINANCE #

16

Surplus Supplemental

Co. ID #	Description	Serial No.	Cost	Condition	DOP
FIN-1081	Computer- Dell	4NH86B1	1322.93	Broken	7/6/2016
0000007716	NETWORK SECURITY APPLIANCE	N/A	1,793.00	Broken	4/13/10
0000007282	SERVER- POWEREDGE 860 (DELL)	1L0BQG1	1,440.33	Obsolete	7/22/08
LB-1427	COMPUTER- PC (DELL)	H4JTK91	2,052.46	Broken	3/28/06
LB-1436	COMPUTER- PC (DELL)	H4GHZ91	1,214.38	Broken	6/13/06
CS-1463	COMPUTER- PC (DELL)	8GFF5C1	999.99	Obsolete	2/13/07
CS-1464	COMPUTER- PC (DELL)	BGFF5C1	999.99	Broken	2/13/07
CS-1465	COMPUTER- PC (DELL)	CGFF5C1	999.99	Broken	2/13/07
CS-1466	COMPUTER- PC (DELL)	JGFF5C1	999.99	Obsolete	2/13/07
0000005395	COMPUTER- LAPTOP (DELL)	H3TQG51	2,167.08	Broken	11/05/04



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

Reporting of heavy equipment expenditures, in the total amount of \$27,253.00, as required per the Purchasing Manual, Chapter 5, Section C Paragraph 8(a).

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

- ▣ Heavy equipment 8(a)
- ▣ Heavy equipment 8(a)-2
- ▣ Heavy equipment 8(a)-3
- ▣ Heavy equipment 8(a)-4

REVIEWERS:

Department Reviewer	Action	Date	Comments
---------------------	--------	------	----------

No Reviewers Available

Ring Power®Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

689000

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE00WC2705579Please refer to this
number on remittance**SOLD TO**CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL**SHIP TO**

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WC2705579	12-08-16	008440	20170848-1	00	C	570	2	8
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A76858	10-31-16	1A	10	10		12-08-16	2349613	
MAKE	MODEL	SERIAL NUMBER	EQUIPMENT NUMBER	METER READING	MACH. ID NO.			
AA	12H	*CAT0012HEAMZ01155*	RB1996	9848.0	AMZ01155			
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

PLEASE CALL 904-731-5130 IF YOU HAVE QUESTIONS CONCERNING THIS INVOICE

Final Pay
RB1996
101-3701-546200
WLB 157863
PO 20170848-1

I personally acknowledge the following:

- All purchasing procedures were properly administered
- All goods and/or services related to this invoice were properly received on county property and/or for county approved purposes
- The price, quantity and quality are correct and acceptable
- The appropriate county records are on file to substantiate this payment
- Approval to pay as a county purchasing agent

Mark Neild
Fleet Maintenance Supervisor

DATE

12-15-2016

FINALServicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT
AMOUNT
CREDITED

9365.47

Remit to:

Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

FINANCE #

1c

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE**00WC2705579**

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO**32043-0988**

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WC2705579	12-08-16	008440	20170848-1	00	C	570	2	1
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A76858	10-31-16	1A	10	10		12-08-16	2349613	
MAKE	MODEL	SERIAL NUMBER	EQUIPMENT NUMBER	METER READING	MACH. ID NO.			
AA	12H	*CAT0012HEAMZ01155*	RB1996	9848.0	AMZ01155			
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

MARK CALLED IN WITH THE ENGINE SMOKING AND A
WARNING LIGHT.

INSPECT MACHINE

T/A INSPECT MACHINE

OPERATIONAL AND VISUAL MACHINE EVALUATION,
INCLUDING ECM INFORMATION REVIEW, CUSTOM
MACHINE CONDITION REPORT, AND ALL COMPARTMENT
SOS. ROUTINE MACHINE INSPECTIONS BY EXPERIENCED
INSPECTORS CAN HELP UNCOVER PROBLEMS WHICH MAY
OTHERWISE BE OVERLOOKED. BACK-UP ALARM, LIGHTS,
HORNS, WARNING SYSTEMS, MIRRORS, HOSES, LEAKS
ECT.

CHECKED FOR INTEGRITY AND OPERATIONAL
PERFORMANCE.

HELPING YOU BE PREPARED FOR PENDING PROBLEMS
BEFORE THEY BECOME EXPENSIVE UNSCHEDULED MAJOR
FAILURES. ALL MACHINE INSPECTION INFORMATION IS
STORED ELECTRONICLY FOR FUTURE REFERENCE.

5	SOS 1	SOS KIT SERVICE	S	12.00	60.00
		00000			

TOTAL PARTS	SEG. AA	60.00 *
-------------	---------	---------

	F/R LBR	441.00 *
SEGMENT AA TOTAL		501.00 T

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN
REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A
HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES
WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS
WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS AMOUNT
AMOUNT CREDITED

CONT'D

Remit to: Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
 500 World Commerce Parkway
 St Augustine, FL 32092
 (904) 737-7730

Cat Rental Store
 Heavy Equipment
 Power Systems
 Lift Trucks
 Ring Used Parts
 Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE**00WC2705579**

Please refer to this
 number on remittance

SOLD TO

CLAY COUNTY BOCC
 ROAD & BRIDGE DEPARTMENT
 PO BOX 988
 GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.		CUSTOMER PURCHASE ORDER NUMBER		STORE	DIV	SALESMAN	TERMS	PAGE
00WC2705579	12-08-16	008440		20170848-1		00	C	570	2	2
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA		DATE SHIPPED		INVOICE SEQ. NO.	
0A76858	10-31-16	1A	10	10			12-08-16		2349613	
MAKE	MODEL	SERIAL NUMBER			EQUIPMENT NUMBER		METER READING		MACH. ID NO.	
AA	12H	*CAT0012HEAMZ01155*			RB1996		9848.0		AMZ01155	
QUANTITY	ITEM		*N/R	DESCRIPTION			UNIT PRICE		EXTENSION	

STEAM CLEAN MACHINE

MULTI-STAGE CLEANING PROCESS INCLUDING RINSING OF HEAVY DIRT WITH HIGH POWER CANNON AND SOAP STEAM CLEAN FOR REMOVAL OF GREASE AND OIL BUILD-UP. A CLEAN MACHINE WILL PROVIDE MANY BENEFITS INCLUDING ACCESS TO TIGHT AREAS TO PROFORM A MORE THOROUGH VISUAL EVALUATION; IT WILL REDUCE THE LIKELIHOOD OF CONTAMINANTS ENTERING MACHINE SYSTEMS DURING DISASSEMBLY. INCREASE EFFICIENCY DURING THE REPAIR PROCESS AND HELP TO EXTEND UNDERCARRIAGE LIFE. SYSTEM CONTAMINATION IS THE LEADING CAUSE OF MORE THAN 70% OF HYDRAULIC SYSTEM AND OTHER MAJOR COMPONENT FAILURES.

F/R LBR

255.00 *
 255.00 T

SEGMENT AB TOTAL

TROUBLESHOOT ENGINE

ENGINE HAS FAULT CODES AND SMOKING
 CUSTOMER COMPLAINT:
 TROUBLESHOOT ENGINE
 CAUSE OF FAILURE:
 MULTIPLE INJECTOR FAILURE

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
 AMOUNT

AMOUNT
 CREDITED

CONT'D

Remit to: Ring Power Corporation
 PO Box 935004
 Atlanta, GA
 31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE

00WC2705579

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WC2705579	12-08-16	008440	20170848-1	00	C	570	2	3
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A76858	10-31-16	1A	10	10		12-08-16	2349613	
MAKE	MODEL	SERIAL NUMBER	EQUIPMENT NUMBER	METER READING	MACH. ID NO.			
AA	12H	*CAT0012HEAMZ01155*	RB1996	9848.0	AMZ01155			
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

RESULTANT DAMAGE:
REPLACED ALL 6 INJECTORS
REPAIR PROCESS COMMENTS:
USE CAT ET TO MONITOR INJECTOR SOLENOIDS AND RUN
CYLINDER SHUT DOWN
TEST . FOUND CYLINDERS #2 AND #3 WERE NOT FIRING
.CHECK PRESSURES
AND FIND THAT INJECTORS THEM SELVES ARE THE
PROBLEM .

F/R LBR

204.00 *
204.00 T

SEGMENT CA TOTAL

REPLACE UNIT INJECTOR

REPLACE ALL SIX INJECTORS
CUSTOMER COMPLAINT:
REPLACE INJECTORS
CAUSE OF FAILURE:
WEAR
RESULTANT DAMAGE:
REPLACED
REPAIR PROCESS COMMENTS:
DISCONNECT MAIN POWER . REMOVE COWLING AND INTAKE
BREATHER . REMOVE
MUFFLER AND AIR CLEANER. REMOVE VALVE COVER AND
ROCKER ARM RAIL . REMOVE
INJECTORS AND REPLACE WITH NEW . REPLACE ROCKER

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN
REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A
HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES
WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS
WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT
AMOUNT
CREDITED

CONT'D

Remit to: Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE

00WC2705579

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WC2705579	12-08-16	008440	20170848-1	00	C	570	2	4
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A76858	10-31-16	1A	10	10		12-08-16	2349613	
MAKE	MODEL	SERIAL NUMBER	EQUIPMENT NUMBER	METER READING	MACH. ID NO.			
AA	12H	*CAT0012HEAMZ01155*	RB1996	9848.0	AMZ01155			
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

RAIL AND SET VALVES .
REPLACE VALVE COVER WITH NEW GASKET . INSTALL
MUFFLER AND AIR CLEANER .
INSTALL HOOD AND COWLING .AND CHECK ALL FLUIDS .
USE CAT ET AND SET NEW INJECTORS
WITH NEW PARAMETERS. CRANK ENGINE AND WATCH FOR
FUEL PSI AND RUN A CYLINDER
CUT OUT TEST FOR ASSURANCE THAT ALL INJECTORS ARE
NOW FIRING .
CHECK FOR CODES AND MAKE SURE CODES ARE CLEAR .
RUN MACHINE AND CHECK FOR LEAKS .
RETURN INJECTOR CORES .

F/R PTS 3390.00 *
F/R LBR 612.00 *
SEGMENT CB TOTAL 4002.00 T

REMOVE& INSTALL/REPLACE UNIT INJECTOR HYD PUMP

CUSTOMER COMPLAINT:

REPLACE INJECTORS

REPAIR PROCESS COMMENTS:

TAG OUT MACHINE . DISCONNECT POWER AND REMOVE
COOLANT LINE
AND CAP . REMOVE AIR INTAKE LINE FOR COMPRESSOR .
REMOVE OTHER LINES
FOR REMOVAL OF PUMP . REMOVE MOUNTING BOLTS FROM
PUMP AND SET PUMP

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN
REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A
HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES
WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS
WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT

CONT'D

AMOUNT
CREDITED

Remit to:

Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE

00WC2705579

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WC2705579	12-08-16	008440	20170848-1	00	C	570	2	5
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A76858	10-31-16	1A	10	10		12-08-16	2349613	
MAKE	MODEL	SERIAL NUMBER			EQUIPMENT NUMBER	METER READING	MACH. ID NO.	
AA	12H	*CAT0012HEAMZ01155*			RB1996	9848.0	AMZ01155	
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

ON WORK BENCH .USE PREVIOUSLY ORDERED PUMP AND
ATTACH WITH ALL
FITTINGS FROM OLD UNIT . MOUNT NEW PUMP AND
REINSTALL ALL LINES REMOVED
DURING DISASSEMBLY. CHECK FLUIDS AND TOP OFF .
FIRE MACHINE AND CHECK PRESSURES
FOR CORRECT OPERATION . SYSTEM PASS AND PUMP IS
WORKING PROPERLY .

1	10R-8898	PUMP GP HYD	N	952.84	952.84
		00000			
1		CORE DEPOSIT	N	425.53	425.53
		00000			
1		CORE CREDIT	N	425.53	425.53
		00000			
1	227-5904	SEAL-O RING	S	17.40	17.40
		00000			
TOTAL PARTS				SEG. CD	970.24 *
				F/R LBR	255.00 *
3.00		EXT LIFE COOLANT	00000		39.78
TOTAL MISC CHGS				SEG. CD	39.78 *
SEGMENT CD TOTAL					1265.02 T

PERFORM 4000 SVC HOUR MAINTENANCE

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rp trucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN
REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A
HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES
WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS
WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT

CONT'D

AMOUNT
CREDITED

Remit to:

Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
 500 World Commerce Parkway
 St Augustine, FL 32092
 (904) 737-7730

Cat Rental Store
 Heavy Equipment
 Power Systems
 Lift Trucks
 Ring Used Parts
 Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE**00WC2705579**

Please refer to this
 number on remittance

SOLD TO

CLAY COUNTY BOCC
 ROAD & BRIDGE DEPARTMENT
 PO BOX 988
 GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER			STORE	DIV	SALESMAN	TERMS	PAGE
00WC2705579	12-08-16	008440	20170848-1			00	C	570	2	6
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED		INVOICE SEQ. NO.		
0A76858	10-31-16	1A	10	10		12-08-16		2349613		
MAKE	MODEL	SERIAL NUMBER			EQUIPMENT NUMBER	METER READING		MACH. ID NO.		
AA	12H	*CAT0012HEAMZ01155*			RB1996	9848.0		AMZ01155		
QUANTITY	ITEM	*N/R	DESCRIPTION			UNIT PRICE		EXTENSION		

CUSTOMER COMPLAINT:

PERFORM 4000 HOUR SERVICE.

CAUSE OF FAILURE:

NA.

RESULTANT DAMAGE:

NA.

REPAIR PROCESS COMMENTS:

IN THIS SERVICE I DRAINED TRANSMISSION,
 DIFFERENTIAL, ENGINE, FRONT HUBS, GEAR BOX, AND
 HYDRAULIC TANK. THEN I TOOK OFF EVERY FILTER AND
 REPLACED ALL OF THE FILTERS. AFTER THAT I
 REFILLED ALL OF THE FLUIDS ON EVERY COMPONENT
 THEN RAN THE MACHINE AND CHECKED THE FLUIDS AGAIN
 TO MAKE SURE THEY WERE AT THERE RIGHT LEVELS.

F/R PTS	382.78 *
F/R LBR	805.00 *
F/R MSC	1203.67 *
SEGMENT PM TOTAL	2391.45 T

TRAVEL TO/FROM MACHINE

TRAVEL FROM WCC TO CLAY COUNTY'S SHOP IN GREEN
 COVE SPRINGS.

F/R ALL	209.00 *
SEGMENT 01 TOTAL	209.00 T

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN
 REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A
 HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES
 WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS
 WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
 AMOUNT

CONT'D

AMOUNT
 CREDITED

Remit to:

Ring Power Corporation
 PO Box 935004
 Atlanta, GA
 31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
 500 World Commerce Parkway
 St Augustine, FL 32092
 (904) 737-7730

Cat Rental Store
 Heavy Equipment
 Power Systems
 Lift Trucks
 Ring Used Parts
 Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE

00WC2705579

Please refer to this
 number on remittance

SOLD TO**SHIP TO**

CLAY COUNTY BOCC
 ROAD & BRIDGE DEPARTMENT
 PO BOX 988
 GREEN COVE SPRINGS FL

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WC2705579	12-08-16	008440	20170848-1	00	C	570	2	7
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A76858	10-31-16	1A	10	10		12-08-16	2349613	
MAKE	MODEL	SERIAL NUMBER	EQUIPMENT NUMBER	METER READING	MACH. ID NO.			
AA	12H	*CAT0012HEAMZ01155*	RB1996	9848.0	AMZ01155			
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

.....

**TROUBLESHOOT ENGINE
 PERFORMANCE COMPLAINT**

T/S ENGINE SMOKE AND FAULT CODES.

CUSTOMER COMPLAINT:
 ENGINE RUNNING ROUGH
 REPAIR PROCESS COMMENTS:
 FOUND MACHINE RUNNING ROUGH . PERFORMED INJECTOR
 CUTOUT TEST . ADVISED CUSTOMER TO SEND TO SHOP
 FOR FURTHER REPAIR .

SEGMENT 02 TOTAL F/R LBR 238.00 *
 238.00 T

.....

ENVIRO/MISC 300.00 T

AMOUNT 9365.47
 TAX EXEMPTION LICENSE 858012621822C7

"TERMS NET 30 DAYS FROM DATE OF INVOICE"

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
 AMOUNT

CONT'D

AMOUNT
 CREDITED

Remit to:

Ring Power Corporation
 PO Box 935004
 Atlanta, GA
 31193-5004

(See Reverse)

CLAY COUNTY
BOARD OF COUNTY COMMISSIONERS
P O BOX 988

GREEN COVE SPRINGS FLORIDA 32043-0988
FLORIDA SALES TAX EXEMPTION CERTIFICATE # 85-8012621822C-7

PAGE NO. 1

THIS PURCHASE ORDER NUMBER MUST APPEAR ON
ALL PACKAGES, INVOICES, AND CORRESPONDENCE

VENDOR
689000
RING POWER CORP
9425 PHILIPS HWY
JACKSONVILLE FL 32256

Final

SHIP TO
CLAY COUNTY FLEET/FUEL MANAGMENT
5 ESPLANADE AVENUE
GREEN COVE SPRINGS FL 32043
ATTN: EVELYN KIRKLAND, CHARLIE LEIS

ORDER DATE: 11/14/16			BUYER: PATTY STATZER			REQ. NO.: 17000877		REQ. DATE:	
TERMS: NET 45 DAYS			F.O.B.:			DESC.:			
ITEM#	QUANTITY	UOM	DESCRIPTION				UNIT PRICE	EXTENSION	
01	1.00		REPLACE FUEL INJECTORS AND PERFORM 4000 SVC HOUR MAINTENANCE RB1996 W/O157863 HEAVY EQUIPMENT EXEMPTION				9385.4500	9,385.45	

ITEM#	ACCOUNT		AMOUNT	PROJECT CODE	PAGE TOTAL \$	
					TOTAL \$	
01	3701	546200	9,385.45		9,385.45	

APPROVED BY

[Signature]

This purchase order expires on September 30. Invoice required by September 30 for payment.

VOUCHER COPY

RB 1614	F-350	12,655	
RB 1617	DUMP TRUCK	64,000	
RB 1620	DUMP TRUCK	64,000	
RB 1645	LOWBOY	58,000	
RB 1655	TRACTOR	14,500	
RB 1665	FORKLIFT	11,224	
RB 1676	TRAILER	14,000	
RB 1679	PATCH TRUCK	45,000	
RB 1682	CHIPPER TRUCK	37,000	
RB 1684	DOALL TRUCK	35,000	
RB 1711	DUMP TRUCK	35,000	
RB 1712	F-450	16,000	
RB 1714	F-450	16,000	
RB 1715	F-250	11,284	
RB 1717	F-350	16,000	
RB 1718	F-450	17,500	
RB 1719	F-450	17,500	
RB 1720	F-450	17,500	
RB 1721	F-450	17,500	
RB 1722	F-450	17,500	
RB 1725	EXCAVATOR	52,000	
RB 1779	GRADALL	46,900	
RB 1781	VAN	10,484	
RB 1782	VAN	10,484	
RB 1790	DOZER	18,000	
RB 1791	TRAILER	14,000	
RB 1811	F-450	17,500	
RB 1813	DUMP TRUCK	66,000	
RB 1814	DUMP TRUCK	66,000	
RB 1815	DUMP TRUCK	66,000	
RB 1816	DUMP TRUCK	66,000	
RB 1845	SKID STEER		85HP
RB 1848	VAN	10,484	
RB 1850	LOADER	18,000	
RB 1851	LOADER	18,000	
RB 1852	SLOPEMOWER	10,617	
RB 1878	F-450	16,000	
RB 1879	DUMP TRUCK	66,000	
RB 1880	DUMP TRUCK	66,000	
RB 1881	DUMP TRUCK	66,000	
RB 1882	DUMP TRUCK	66,000	
RB 1907	SWEEPER	25,000	
RB 1908	CHIPPER		130HP
RB 1953	F-450	18,000	
RB 1961	EXCAVATOR	11,800	
RB 1963	TRAILER	121,600	
RB 1987	GRADER	35,695	
RB 1996	GRADER	35,695	
RB 1997	TRACTOR		90HP
RB 1998	TRACTOR.		90HP
RB 2002	DOZER	18,000	
RB 2003	POSI TRACK	10,275	
RB 2006	CAT CHALLENGER		90HP
RB 2007	CAT CHALLENGER		90HP
RB 2010	SLOPEMOWER	11,433	
PW 2020	BUCKET TRUCK	33,000	
PW 2022	TRACTOR	10,513	
PW 2023	F-550	19,660	
PW 2037	BUCKET TRUCK	17,950	
PW 2039	F-450	18,500	

CUSTOMER #: 1029G

215085

GARBER
AUTOMALL

GARBER FORD INC.

3380 Hwy. 17 - Green Cove Springs, FL 32043
(904) 264-2442See us on the web at www.garberautomall.com

Motor Vehicle Repair Registration # MV-04497

CLAY COUNTY BCC ROAD DEPT
PO BOX 988
GREEN COVE SPRINGS FL 32043-0988
HOME: 904-529-3856 CONT: 904-284-3134
BUS: 904-529-3856 CELL:

INVOICE

PAGE 1

SERVICE ADVISOR: 5930 RONALD WARD

COLOR		YEAR	MAKE/MODEL		VIN	LICENSE	MILEAGE IN/ OUT		TAG
WHITE		10	FORD E450		1FDXE4FLXADA62956		187942/187945		TR665
DEL DATE		PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE	
09JUL10 DD				17:00 15NOV16		0.00	AR	30NOV16	
R.O. OPENED		READY		OPTIONS: W-COMP:G ENG:5.4 Liter					

10:01 07NOV16 12:06 14DEC16

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
------	--------	------	------	-------	------	-----	-------

A REPLACE THE ENGINE ASSY

S101 REPLACE THE ENGINE ASSY AND MOUNTS

6072 CPCC

1 9C2Z*6006*BARM REMAN SERVICE ENGINE ASY 3815.49 2059.00 3147.78 2059.00

CORE CHARGE C

800.00 800.00

1 SER R07618601

0.00

2 VC*7*B ANTI-FREEZE

17.50 13.78 27.56

1 EM2930 MOUNT ENGINE

74.90 36.26 36.26

1 EM2929 MOUNT ENGINE

71.50 34.61 34.61

-1 9C2Z*6006*BARM CORE RETURN

800.00 800.00 -800.00

S101 GENERAL MAINTENANCE

6072 ITAX

(N/C)

1 8F9Z*9F472*B SENSOR - HEGO

(N/C)

SUBL TOW IN

CP

100.00 100.00

CUSTOMER PAY MISC SHOP SUPPLIES FOR REPAIR ORDER

29.95

THANK YOU FOR THE OPPORTUNITY TO SERVICE YOUR VEHICLE TODAY! YOU MAY RECEIVE A CUSTOMER SATISFACTION SURVEY FROM FORD IN THE NEAR FUTURE. IF FOR ANY REASON YOU CANNOT ANSWER COMPLETELY SATISFIED, PLEASE CONTACT PAUL BOBO, SERVICE MANAGER (904) 264-2442 OR EMAIL PBOBO@GARBERAUTOMALL.COM

I personally acknowledge the following:

- All purchasing procedures were properly administered
- All goods and/or services related to this invoice were properly received on county property and/or for county approved purposes
- The price, quantity and quality are correct and acceptable
- The appropriated county records are on file to substantiate this payment
- Approval to pay as a county purchasing agent

Mark Neale
Fleet Maintenance Supervisor

DATE

12-15-2016

FINALALL PARTS ARE NEW OR FACTORY REBUILT
UNLESS SPECIFIED OTHERWISE.

MISC. CHARGES- This charge represents costs and profits to the motor vehicle repair facility for miscellaneous shop supplies or waste disposal. [s.559.904(4)]. A charge is included for supplies used on your vehicle. Applicable supply items are: nuts, bolts, washers, tape, pins, solvents, carburetor cleaner, solder, wire sealers, lubricants, etc. The charge for both is equivalent to 12.5% of the total labor charge up to a maximum of 29.95. There will be no storage charge.

The State of Florida requires a \$1.00 fee to be collected for each new tire sold in the state [s.403.718], and a \$1.50 fee to be collected for each new or remanufactured battery sold in the state [s.403.7185].

LIMITED WARRANTY: The only warranties applying to the part(s) installed in accordance with the estimates are those that may be offered by the manufacturer. The seller hereby expressly disclaims all warranties either expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose, and neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of products or service sold under the terms of this estimate. Parts and labor are guaranteed for 12 months or 12,000 miles whichever comes first. Seller does not guarantee that the work performed in accordance with the estimate will correct any problem specified on the description of the complaint.

CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF ABOVE MENTIONED VEHICLE AND RECEIPT OF INVOICE HEREOF.

SAVE OLD PARTS: ☐ SAVE ☐ NO (CORE MAY APPLY)LABOR CHARGES
BASED ON ☐ FLAT RATE ☐ HOURLY RATE ☐ BOTH

CUSTOMER SIGNATURE

DESCRIPTION	TOTALS
LABOR AMOUNT	2059.00
PARTS AMOUNT	3246.21
GAS, OIL, LUBE	0.00
SUBLET AMOUNT	100.00
MISC. CHARGES	29.95
TOTAL CHARGES	5435.16
LESS INSURANCE	0.00
SALES TAX	0.00
PLEASE PAY THIS AMOUNT	5435.16

1c

REQUISITION FORM
CLAY COUNTY BOARD OF COUNTY COMMISSIONERS
P.O. BOX 1366
GREEN COVE SPRINGS, FLORIDA 32043

Heavy Equipment
Agenda

REQUEST DATE: 11/29/2016

20171018

REQUISITION # 1700103683

VENDOR	DEPARTMENT	SHIP TO (IF DIFFERENT FROM DEPARTMENT)
Number <u>318340</u>	Dept./Division# <u>3712</u>	Contact/Code _____
Name <u>Gruber Ford</u>	Requisition By <u>[Signature]</u>	Phone/Ext # _____
Address _____	Approved By <u>[Signature]</u>	Address _____
_____	Approval Date <u>11-30-16</u>	_____
_____	Required By Date _____	_____

☐ BLANKET PURCHASE ORDER

ITEM NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL	FUND ACCOUNT NUMBER
1	Replace Engine Assy 1			5468.16	001 - 1908 - 54620
				5435.16	- - -
					- - -
					- - -
					- - -
	Heavy Equipment Exemption				- - -
	COA 014				- - -
	158005				- - -
					- - -
					- - -
					- - -
					- - -
					- - -
					- - -
					- - -

Bid/Contract No. _____ (Documentation Attached)	Shipping & Handling	
Sole Source Provider (Documentation Attached)	TOTAL	5468.16

Work Order No. _____

\$100.00 - \$4,999.99 Department Head/County Manager Approval
 \$5,000.00 - \$14,999.99 County Manager Approval (3 Verbal Quotes - Document Attached)
 \$15,000.00 - \$24,999.99 County Manager Approval (3 Written Quotes - Document Attached)
 \$25,000.00 > Board Approval _____

Date _____ Item # _____

GOODS AND SERVICES SHALL NOT, UNDER ANY CIRCUMSTANCES, BE ORDERED BY ANY COUNTY EMPLOYEE FROM ANY VENDOR, AT ANY TIME, WITHOUT FIRST OBTAINING A PURCHASE ORDER. FAILURE ON THE PART OF ANY EMPLOYEE TO FOLLOW THESE PROCEDURES SHALL SUBJECT THAT EMPLOYEE TO THE GRADUATED DISCIPLINARY PROCESS AS DESCRIBED IN THE PERSONNEL POLICIES MANUAL, UP TO AND INCLUDING TERMINATION OF EMPLOYMENT. THE COUNTY WILL NOT BE LIABLE FOR PAYMENT FOR GOODS OR SERVICES THAT ARE ORDERED IN VIOLATION OF THIS POLICY.

APPROVED BY: [Signature]
Purchasing Officer

APPROVED BY: [Signature]
County Manager

PW 2040	F-450	18,500	
PW 6994	F-250	10,650	
PW 6995	F-250	10,650	
PW 7001	F-250	10,650	
PW 7004	F-450	18,000	
PW 7008	GRADALL	37,580	
PW 7141	F-350	15,000	
PW 7402	FUEL TRUCK	35,000	
PW 7962	GENERATOR		85HP
PW 8176	EXCAVATOR	13,610	
PW 8635	DUMP TRUCK	66,000	
PW 8636	DUMP TRUCK	66,000	
PW 8710	GRADALL	40,000	
PW 8722	GRADALL	69,000	
PW 8765	DUMP TRUCK	66,000	
PW 8766	DUMP TRUCK	66,000	
PW 8916	VAC-CON TRUCK	60,000	
PW 9068	F-450 SD TRUCK	10,000	
PW 9083	F-450	16,500	
PW 9086	F-350	14,000	
PW 9087	F-350	14,000	
PW 9125	GRADER	48,000	
PW 9126	GRADER	48,000	
PW 9127	GRADER	48,000	
PW 9285	D-6 DOZER	36,610	
PW9431	CAT MOTOR GRADER	48,987	
PW9432	CAT MOTOR GRADER	48,987	
PW9433	CAT MOTOR GRADER	48,987	

COA068	FORD E-350 SD VAN	9,160
COA069	FORD E-350 SD VAN	9,160
COA070	FORD E-350 SD VAN	9,160
COA071	CHEV BUS	12,900
COA074	CHEV BUS 3500	13,200
COA077	CHEV BUS 3500	13,200
COA078	CHEV BUS 3500	13,200
COA079	CHEV BUS 3500	13,200
COA080	CHEV BUS 3500	13,200
COA081	CHEV BUS 3500	13,200
COA082	CHEV BUS 3500	13,200
COA083	CHEV BUS 3500	12,900
COA085	CHEV BUS 3500	12,900
COA086	CHEV BUS 3500	13,200
COA087	CHEV BUS 3500	13,200
COA088	CHEV BUS 3500	12,900
COA089	CHEV BUS 3500	12,900
COA090	CHEV BUS 3500	12,900
COA091	CHEV BUS 3500	13,200
COA092	CHEV BUS 4500	17,500
COA093	CHRYSLER VAN	5,800
COA094	FORD E-450 SD VAN	14,500
COA095	CHEV BUS 4500	17,500
COA096	CHEVY BUS 4500	17,500
COA097	CHEVY BUS4500	18,500
COA098	BUS	14200
COA099	BUS	14200
COA100	BUS	18,800
COA 101	CHEVY BUS 4500	14,200
COA 102	CHEVY BUS 4500	14,200

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

689000

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE00WR2708405

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WR2708405	12-09-16	008440	20170905	00	R	570	2	10
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A75986	10-14-16	1A	10	10		12-09-16	2351783	
MAKE	MODEL	SERIAL NUMBER	EQUIPMENT NUMBER	METER READING	MACH. ID NO.			
AA	287BHF	*CAT0287BKZSA03985*	JMK072715	2385.0	ZSA03985			
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

AMOUNT
TAX EXEMPTION LICENSE 858012621822C7

6172.37

"TERMS NET 30 DAYS FROM DATE OF INVOICE"
PLEASE CALL 904-731-5130 IF YOU HAVE QUESTIONS CONCERNING THIS INVOICE

Final Payment
2B2003
~~00WR2708405~~
101-3701-546200
w/0 157893
PO 20170905

FINAL

I personally acknowledge the following:

- All purchasing procedures were properly administered
- All goods and/or services related to this invoice were properly received on county property and/or for county approved purposes
- The price, quantity and quality are correct and acceptable
- The appropriated county records are on file to substantiate this payment
- Approval to pay as a county purchasing agent

Mark Need
Fleet Maintenance Supervisor

DATE

12-16-2016

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT
AMOUNT
CREDITED

6172.37

Remit to: Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

FINANCE #

1c

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE

00WR2708405

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WR2708405	12-09-16	008440	20170905	00	R	570	2	1
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A75986	10-14-16	1A	10	10		12-09-16	2351783	
MAKE	MODEL	SERIAL NUMBER			EQUIPMENT NUMBER	METER READING	MACH. ID NO.	
AA	287BHF	*CAT0287BKZSA03985*			JMK072715	2385.0	ZSA03985	
QUANTITY	ITEM	*N/R	DESCRIPTION			UNIT PRICE	EXTENSION	

COMM GOODWILL GRANTED BY MATT M. 11/10/16BHFF1
FOR 2,000.00.
BRANDON JUNG WILL GIVE A CREDIT OF 2,000.00 ALSO.
CUSTOMER WILL PAY THE REMAINDER.

TROUBLESHOOT ENGINE

ENGINE HAS EXCESSIVE BLOWBY. TEST COMPRESSION
FOUND LOW READINGS. REMOVED THE HEAD AND IT
APPEARS TO BE DUSTED.

F/R LBR 306.00 *
SEGMENT 00 TOTAL 306.00 T

REMOVE& INSTALL ENGINE

F/R LBR 1428.00 *
SEGMENT 01 TOTAL 1428.00 T

REPAIR ENGINE

CRS GOODWILL 2000.00
CAT COMMERCIAL GOODWILL 2000.00 PER MATT
11/10/16BHFF1
CUSTOMER PAYS REMAINDER

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN
REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A
HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES
WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS
WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT
AMOUNT
CREDITED

CONT'D

Remit to: Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE**00WR2708405**

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WR2708405	12-09-16	008440	20170905	00	R	570	2	2
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A75986	10-14-16	1A	10	10		12-09-16	2351783	
MAKE	MODEL	SERIAL NUMBER	EQUIPMENT NUMBER	METER READING	MACH. ID NO.			
AA	287BHF	*CAT0287BKZSA03985*	JMK072715	2385.0	ZSA03985			
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

QUOTE TO DISSASSEMBLE. PERFORM MACHINE WORK ON THE CYLINDER BLOCK & HEAD. REASSEMBLE WITH NEW PISTONS SEALS & GASKETS AS NEEDED. RUN ENGINE ON DYNO TO VERIFY ENGINE MEETS CAT SPECS.

CUSTOMER COMPLAINT:

ENGINE GENERATING BLOW BY AND SMOKE

CAUSE OF FAILURE:

RINGS AND CYLINDERS WORN AT AN ACCELERATED RATE CAUSING THE BLOW BY

RESULTANT DAMAGE:

4 DAMAGED PISTONS. ALL PUSH RODS DAMAGED (PISTON CONTACT). REPLACE ALL BEARINGS. STRAIGHT HONE BORES .25MM OVER TO ACHIEVE PROPER CROSSHATCH. RE RING. LIP SEALS. VALVE COVER CONDEMNED. ALL SEALS AND GASKETS. AIR LINE PLUMBING FOR FILTER TO ENGINE.

REPAIR PROCESS COMMENTS:

I TOOK PICTURES BEFORE AND AFTER OF THE ENGINE AS WELL AS THE RE ASSEMBLY PROCESS. BEGIN WITH DISASSEMBLY. REMOVE HOSES LINES. CLAMPS. BRACKETS ETC... . REMOVE PISTONS. INSPECT CYLINDER BORE. DISCOVER SOURCE OF ACCELERATED PISTON AND CYLINDER WEAR. SEND BLOCK, HEAD, CAM AND CRANK TO MACHINE SHOP FOR INSPECTION. ASSEMBLE PARTS QUOTE. CLEAN ALL GASKET SURFACES AND PREP ENGINE AND PARTS FOR RE ASSEMBLY. ACTIVATE QUOTE UPON CONFIRMING WITH SUPERVISOR. INVENTORY PARTS. BEGIN WITH RE ASSEMBLY OF ENGINE IN REVERSE ORDER OF REMOVAL. SET VALVE LASH 3 TIMES FOR EACH

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT

CONT'D

AMOUNT
CREDITED

Remit to:

Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE

00WR2708405

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WR2708405	12-09-16	008440	20170905	00	R	570	2	3
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A75986	10-14-16	1A	10	10		12-09-16	2351783	
MAKE	MODEL	SERIAL NUMBER	EQUIPMENT NUMBER	METER READING	MACH. ID NO.			
AA	287BHF	*CAT0287BKZSA03985*	JMK072715	2385.0	ZSA03985			
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

CYLINDER TO CONFIRM PROPER ADJUSTMENT. TORQUE
ALL FASTENERS TO SPEC. CHECKED RODS FOR
APPROPRIATE THRUST. CHECKED CRANK FOR THRUST. ALL
FREE PLAY WAS WELL WITHIN CAT SPEC. HOOK ENGINE
UP TO TEST STAND AND FILL ENGINE WITH WATER AND
OIL. TWO SEPARATE RUNS WERE COMPLETED. SECOND RUN
WAS TO DIAL THE ENGINE IN AFTER THE FIRST RUN.
PREP ENGINE FOR SHIPMENT TO CAT RENTAL. CLEAN
WORK AREA AND TEST STAND. FILL OUT PAPERWORK.
RETURN PARTS AND UPLOAD PICTURES AND PERFORM
SERVICE REPORT. 4575

1		CORE DEPOSIT	S	315.43	315.43
	00000				
1		CORE CREDIT	S	315.43	315.43
	00000				
1	1R-0734	FILTER A	S	8.81	8.81
	00000				
1	3P-1896	PLUG	N	5.72	5.72
	00000				
2	4I-9404	SEAL O RING	N	2.48	4.96
	00000				
2	5I-4993	SEAL	N	1.97	3.94
	00000				
1	5I-7628	GASKET	N	3.90	3.90
	00000				
4	5I-7630	CAP	N	1.74	6.96
	00000				
16	5I-7719	COTTER	S	.26	4.16
	00000				

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN
REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A
HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES
WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS
WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT

CONT'D

AMOUNT
CREDITED

Remit to:

Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE**00WR2708405**

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WR2708405	12-09-16	008440	20170905	00	R	570	2	4
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A75986	10-14-16	1A	10	10		12-09-16	2351783	
MAKE	MODEL	SERIAL NUMBER	EQUIPMENT NUMBER	METER READING	MACH. ID NO.			
AA	287BHF	*CAT0287BKZSA03985*	JMK072715	2385.0	ZSA03985			
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

1	5I-8056		PLUG	N	10.75	10.75
			00000			
1	5I-8111		GASKET	S	3.57	3.57
			00000			
1	5J-3886		SEAL O RING	S	4.02	4.02
			00000			
4	6V-3940		BOLT	S	.25	1.00
			00000			
8	6V-5219		BOLT	S	.45	3.60
			00000			
1	6V-5221		BOLT	S	.74	.74
			00000			
1	8T-0276		BOLT	S	.50	.50
			00000			
5	8T-4197		BOLT	S	.50	2.50
			00000			
4	8T-4908		BOLT	S	.42	1.68
			00000			
5	9M-1974		WASHER	S	.25	1.25
			00000			
8	9M-1974		WASHER	S	.25	2.00
			00000			
2	094-4628		KEY WOODRUFF	N	2.60	5.20
			00000			
4	095-1513		SEAL-O-RING	S	.68	2.72
			00000			
1	095-1537		O-RING	N	1.88	1.88
			00000			
1	095-1671		O-RING	S	3.55	3.55
			00000			

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT

CONT'D

AMOUNT
CREDITED

Remit to:

Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE

00WR2708405

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WR2708405	12-09-16	008440	20170905	00	R	570	2	5
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A75986	10-14-16	1A	10	10		12-09-16	2351783	
MAKE	MODEL	SERIAL NUMBER	EQUIPMENT NUMBER	METER READING	MACH. ID NO.			
AA	287BHF	*CAT0287BKZSA03985*	JMK072715	2385.0	ZSA03985			
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

1	095-2005		CAP SEALING	N	2.60	2.60
		00000				
1	096-3741		CAP	N	2.60	2.60
		00000				
2	096-8475		BOLT	N	.81	1.62
		00000				
1	096-9529		O RING	N	7.11	7.11
		00000				
2	10R-7710		PISTON PACK	N	153.12	306.24
		00000				
2			CORE DEPOSIT	N	132.99	265.98
		00000				
1	10R-7710		PISTON PACK	N	153.12	153.12
		00000				
1			CORE DEPOSIT	N	132.99	132.99
		00000				
1	10R-7710		PISTON PACK	N	153.12	153.12
		00000				
1			CORE DEPOSIT	N	132.99	132.99
		00000				
4			CORE CREDIT	N	132.99	531.96
		00000				
1	103-9083		O-RING	N	1.02	1.02
		00000				
8	103-9260		SEAL, VALVE S	N	7.74	61.92
		00000				
8	103-9273		ROD, PUSH	N	15.55	124.40
		00000				
2	103-9276		BOLT, BEARING	N	10.84	21.68
		00000				

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT

CONT'D

AMOUNT
CREDITED

Remit to: Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE

00WR2708405

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WR2708405	12-09-16	008440	20170905	00	R	570	2	6
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A75986	10-14-16	1A	10	10		12-09-16	2351783	
MAKE	MODEL	SERIAL NUMBER			EQUIPMENT NUMBER	METER READING	MACH. ID NO.	
AA	287BHF	*CAT0287BKZSA03985*			JMK072715	2385.0	ZSA03985	
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

2	103-9276		BOLT, BEARING	N	10.84	21.68	
		00000					
1	103-9277		GASKET, FORNT	N	11.79	11.79	
		00000					
1	103-9277		GASKET, FORNT	N	11.79	11.79	
		00000					
2	103-9279		SEAL, SIDE	N	2.59	5.18	
		00000					
1	103-9280		GASKET, REAR	N	24.40	24.40	
		00000					
3	103-9288		PLATE, THRUST	S	20.88	62.64	
		00000					
1	103-9703		SHAFT, IDLER	N	71.38	71.38	
		00000					
1	103-9725		VALVE AS.	N	34.17	34.17	
		00000					
1	117-3447		GASKET	N	15.45	15.45	
		00000					
1	117-5015		SEAL A-OIL	S	96.65	96.65	
		00000					
4	195-8355		GASKET	N	3.13	12.52	
		00000					
1	222-8202		PLATE	N	8.14	8.14	
		00000					
1	226-7635		FLANGE	S	159.72	159.72	
		00000					
2	233-5460		BOLT	S	8.40	16.80	
		00000					
1	233-5468		GASKET	S	5.38	5.38	
		00000					

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT

AMOUNT
CREDITED

CONT'D

Remit to: Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE

00WR2708405

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WR2708405	12-09-16	008440	20170905	00	R	570	2	7
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A75986	10-14-16	1A	10	10		12-09-16	2351783	
MAKE	MODEL	SERIAL NUMBER	EQUIPMENT NUMBER	METER READING	MACH. ID NO.			
AA	287BHF	*CAT0287BKZSA03985*	JMK072715	2385.0	ZSA03985			
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

1	233-5483		GASKET	S	28.50	28.50
		00000				
1	233-5486		BEARING-STD	N	97.89	97.89
		00000				
1	233-5496		GASKET	N	5.38	5.38
		00000				
1	234-4796		GASKET	N	5.38	5.38
		00000				
1	234-4800		GASKET	S	28.87	28.87
		00000				
1	234-4806		GASKET-INLET	S	16.17	16.17
		00000				
1	234-4809		WASHER	N	5.12	5.12
		00000				
2	234-4809		WASHER	N	5.12	10.24
		00000				
4	234-4816		PISTON (0.50)	N	112.52	450.08
		00000				
1	234-4818		GASKET	S	11.99	11.99
		00000				
1	234-4824		GASKET-MANIF	S	17.45	17.45
		00000				
1	235-4959		GASKET	S	.91	.91
		00000				
4	238-8281		RING SET-PIS	N	61.35	245.40
		00000				
1	238-8282		METAL SET-CO	S	42.50	42.50
		00000				
1	239-8429		SEAL AS-CSHF	S	57.57	57.57
		00000				

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT

CONT'D

AMOUNT
CREDITED

Remit to: Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE
00WR2708405

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WR2708405	12-09-16	008440	20170905	00	R	570	2	8
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A75986	10-14-16	1A	10	10		12-09-16	2351783	
MAKE	MODEL	SERIAL NUMBER			EQUIPMENT NUMBER	METER READING	MACH. ID NO.	
AA	287BHF	*CAT0287BKZSA03985*			JMK072715	2385.0	ZSA03985	
QUANTITY	ITEM	N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

1	239-8429		SEAL AS-CSHF	N	57.57	57.57	
			00000				
3	239-8513		SEAL-O-RING	S	5.12	15.36	
			00000				
1	246-8315		HOSE-BYPASS	N	16.20	16.20	
			00000				
2	257-8738		RING-SNAP	S	1.32	2.64	
			00000				
2	257-8739		CLAMP-HOSE	N	13.60	27.20	
			00000				
1	289-8271		CAP SEALING	N	1.48	1.48	
			00000				
1	294-1767		VALVE	N	34.95	34.95	
			00000				
1	299-4645		GASKET-HEAD	S	90.72	90.72	
			00000				
1	303-6257		GASKET	S	1.15	1.15	
			00000				
1	314-9938		BUSH	S	8.65	8.65	
			00000				
1	315-7700		PLUG	N	6.10	6.10	
			00000				
1	335-9124		GASKET	N	20.75	20.75	
			00000				
1	335-9125		GASKET	N	9.50	9.50	
			00000				
1	336-9856		GASKET	S	25.50	25.50	
			00000				
1	348-7675		COVER AS	N	86.10	86.10	
			00000				

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT

CONT'D

AMOUNT
CREDITED

Remit to: Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

Ring Power®

Ring Power Corporation
500 World Commerce Parkway
St Augustine, FL 32092
(904) 737-7730

Cat Rental Store
Heavy Equipment
Power Systems
Lift Trucks
Ring Used Parts
Ring Power Crane

Ring Power Corporation, 500 World Commerce Pkwy, St Augustine, FL 32092, (904) 737-7730

INVOICE

00WR2708405

Please refer to this
number on remittance

SOLD TO

CLAY COUNTY BOCC
ROAD & BRIDGE DEPARTMENT
PO BOX 988
GREEN COVE SPRINGS FL

SHIP TO

32043-0988

INVOICE NUMBER	INVOICE DATE	CUSTOMER NO.	CUSTOMER PURCHASE ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
00WR2708405	12-09-16	008440	20170905	00	R	570	2	9
PSO/WO NO.	DOC. DATE	PC	LC	MC	SHIP VIA	DATE SHIPPED	INVOICE SEQ. NO.	
0A75986	10-14-16	1A	10	10		12-09-16	2351783	
MAKE	MODEL	SERIAL NUMBER	EQUIPMENT NUMBER	METER READING	MACH. ID NO.			
AA	287BHF	*CAT0287BKZSA03985*	JMK072715	2385.0	ZSA03985			
QUANTITY	ITEM	*N/R	DESCRIPTION	UNIT PRICE	EXTENSION			

1	352-4169		V-BELT	S	17.49	17.49
			00000			
1	393-4171		GASKET-PAN(O	N	99.67	99.67
			00000			
1	L0034-094		#105 LUBRIPLATE	S	6.78	6.78
			00000			
2	U3215-41131		BOLT,HUB(M10X1.25)S		5.18	10.36
			00000			
TOTAL PARTS				SEG. 02		2879.65 *
LESS 49%-PARTS						1411.04 *
				F/R LBR		5290.80 *
LESS 49%-LABOR						2592.49 *
SEGMENT 02 TOTAL						4166.92 T

REPLACE AIR CLEANER**REPLACE AIR FILTER HOUSING****REPLACE AIR FILTER HOUSING AND AIR FILTERS**

	F/R PTS	169.45 *
	F/R LBR	102.00 *
SEGMENT 03 TOTAL		271.45 T

Servicing All Makes All Models of Trucks, RVs & Buses. Comments? www.rptrucks.com/feedback

ALL MERCHANDISE SUBJECT TO RETURN ONLY AFTER PERMISSION HAS BEEN REQUESTED AND APPROVED. RETURNED MATERIAL IS SUBJECT TO A HANDLING CHARGE AND MUST BE SENT IN PREPAID EXCEPT IN THOSE CASES WHERE PARTS ARE SHIPPED IN ERROR. IN SUCH CASES HANDLING CHARGE IS WAIVED AND RETURN MAY BE EFFECTED ON A FREIGHT COLLECT BASIS.

PAY THIS
AMOUNT

CONT'D

AMOUNT
CREDITED

Remit to: Ring Power Corporation
PO Box 935004
Atlanta, GA
31193-5004

(See Reverse)

Heavy Equip
Aged

20170905

REQUISITION # 17000914P3

BLANKET PURCHASE ORDER

RECEIVED
206 NOV 16 P 2:15
CLAY COUNTY
BOARD OF COMMISSIONERS
FINANCE DEPT.

Date	Item #
------	--------

APPROVED BY: *[Signature]*
County Manager

RB 1614	F-350	12,655	
RB 1617	DUMP TRUCK	64,000	
RB 1620	DUMP TRUCK	64,000	
RB 1645	LOWBOY	58,000	
RB 1655	TRACTOR	14,500	
RB 1665	FORKLIFT	11,224	
RB 1676	TRAILER	14,000	
RB 1679	PATCH TRUCK	45,000	
RB 1682	CHIPPER TRUCK	37,000	
RB 1684	DOALL TRUCK	35,000	
RB 1711	DUMP TRUCK	35,000	
RB 1712	F-450	16,000	
RB 1714	F-450	16,000	
RB 1715	F-250	11,284	
RB 1717	F-350	16,000	
RB 1718	F-450	17,500	
RB 1719	F-450	17,500	
RB 1720	F-450	17,500	
RB 1721	F-450	17,500	
RB 1722	F-450	17,500	
RB 1725	EXCAVATOR	52,000	
RB 1779	GRADALL	46,900	
RB 1781	VAN	10,484	
RB 1782	VAN	10,484	
RB 1790	DOZER	18,000	
RB 1791	TRAILER	14,000	
RB 1811	F-450	17,500	
RB 1813	DUMP TRUCK	66,000	
RB 1814	DUMP TRUCK	66,000	
RB 1815	DUMP TRUCK	66,000	
RB 1816	DUMP TRUCK	66,000	
RB 1845	SKID STEER		85HP
RB 1848	VAN	10,484	
RB 1850	LOADER	18,000	
RB 1851	LOADER	18,000	
RB 1852	SLOPEMOWER	10,617	
RB 1878	F-450	16,000	
RB 1879	DUMP TRUCK	66,000	
RB 1880	DUMP TRUCK	66,000	
RB 1881	DUMP TRUCK	66,000	
RB 1882	DUMP TRUCK	66,000	
RB 1907	SWEEPER	25,000	
RB 1908	CHIPPER		130HP
RB 1953	F-450	18,000	
RB 1961	EXCAVATOR	11,800	
RB 1963	TRAILER	121,600	
RB 1987	GRADER	35,695	
RB 1996	GRADER	35,695	
RB 1997	TRACTOR		90HP
RB 1998	TRACTOR.		90HP
RB 2002	DOZER	18,000	
RB 2003	POSI TRACK	10,275	
RB 2006	CAT CHALLENGER		90HP
RB 2007	CAT CHALLENGER		90HP
RB 2010	SLOPEMOWER	11,433	
PW 2020	BUCKET TRUCK	33,000	
PW 2022	TRACTOR	10,513	
PW 2023	F-550	19,660	
PW 2037	BUCKET TRUCK	17,950	
PW 2039	F-450	18,500	



W.S. DARLEY & CO.
PUMP DIVISION

1051 PALMER ST • CHIPPEWA FALLS, WI 54729-5413
Toll Free: 800-634-7812 • Phone: 715-726-2650 • FAX: 715-726-2656
FEIN 36-0976610 DUNS 005094842 CAGE 15852

228800

Invoice

ORIGINAL

Invoice #: 17267249
Invoice Date: 12/12/2016
Customer #: 1095316
Due Date: 12/27/2016

Bill To:

CLAY COUNTY FIRE & RESCUE
1567 CR 315
GREEN COVE SPRINGS FL 32043-
United States

Sold To:

CLAY COUNTY FIRE & RESCUE
1567 CR 315
GREEN COVE SPRINGS FL 32043-
United States

Phone: 904 541-5378 • Fax: 904 529-7836

•Attention: If your e-mail in not shown above please e-mail
accounting@darley.com with updated contact information.

Customer PO	Terms	Ship Via	FOB/Carrier	Sales Order	Salesperson
20170807	Net 15 Days	Freight Prepaid	FOB Origin	186394/SO	LAIRY NORMAND

Line #	Part No	Description	QTY	UOM	Price	Ext Price
2.000	HM 2016	HM 2016 Pump Configured Origin: United States Shipper: 168288 Ship Date: 12/12/2016	1	EA	\$6,280.00	\$6,280.00

Ship To:

CLAY COUNTY FIRE & RESCUE
1567 CR 315
GREEN COVE SPRINGS FL 32043-
United States

Net Sales: \$6,280.00
Tax: \$0.00
Total Invoice: \$6,280.00
Amount Paid: \$0.00
Total Due: \$6,280.00

FINAL

0 *
6,280 * x
75 %
1. 4,710.00 *
4,710.00 -
2. 1,570.00 *

I personally acknowledge by my signature the following:

- All purchasing procedures were properly administered
- All goods and/or services related to this invoice were properly received on county property and/or for county approved purposes
- The price, quantity and quality are correct and acceptable
- The appropriate county records are on file to substantiate this payment
- Approval to pay as a county purchasing agent

Whitney Davis
Whitney Davis
Public Safety

DATE

FINANCE #

1c

LH



W.S. DARLEY & CO.
PUMP DIVISION

1051 PALMER ST • CHIPPEWA FALLS, WI 54729-5413
Toll Free: 800-634-7812 • Phone: 715-726-2650 • FAX: 715-726-2656
FEIN 36-0976610 DUNS 005094842 CAGE 15852

Invoice

ORIGINAL

Invoice #: 17267249
Invoice Date: 12/12/2016
Customer #: 1095316
Due Date: 12/27/2016

Bill To:

CLAY COUNTY FIRE & RESCUE
1567 CR 315
GREEN COVE SPRINGS FL 32043-
United States

Sold To:

CLAY COUNTY FIRE & RESCUE
1567 CR 315
GREEN COVE SPRINGS FL 32043-
United States

Phone: 904 541-5378 • Fax: 904 529-7836

• Attention: If your e-mail is not shown above please e-mail
accounting@darley.com with updated contact information.

Customer PO	Terms	Ship Via	FOB/Carrier	Sales Order	Salesperson
20170807	Net 15 Days	Freight Prepaid	FOB Origin	186394/SO	LAIRY NORMAND

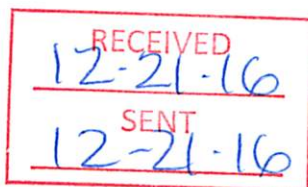
Line #	Part No	Description	QTY	UOM	Price	Ext Price
--------	---------	-------------	-----	-----	-------	-----------

-----Cut Here-----

Remittance Advice
Send with Payment

W.S. Darley & Co.
Slot A-74
P.O. Box 66973
Chicago, IL 60666-0973
Phone: 630-735-3500
FAX: 708-345-8993
Email: terri@darley.com
Contact: Terri Ellerbrook

Customer #: 1095316
Invoice #: 17267249
Invoice Date: 12/12/2016
Due Date: 12/27/2016
Total Invoice: \$6,280.00
Amount Paid: \$0.00
Total Due: \$6,280.00
Payment Method: Check Payment



T138 CD 1842

2016 DEC 21 P 12:42

CLAY COUNTY
PUBLIC SAFETY

CL COUNTY BOARD OF COUNTY COMMIS. NERS
P.O. BOX 1366
GREEN COVE SPRINGS, FLORIDA 32043

Heavy Equipment
agenda

20170807

REQUISITION # 17000787 df

VENDOR	DEPARTMENT	SHIP TO (IF DIFFERENT FROM DEPARTMENT)
Number <u>228800</u>	Dept./Division# <u>PS</u>	Contact/Code _____
Name <u>WS Darley</u>	Requisition By <u>AK Davis, Bus</u>	Phone/Ext # _____
Address _____	Approved By <u>Zigme</u>	Address _____
_____	Approval Date <u>10-28-16</u>	_____
_____	Required By Date _____	_____

[illegible]

Shipping & Handling

TOTAL

Work Order No. _____

\$100.00 - \$4,999.99 Department Head/County Manager Approval
 \$5,000.00 - \$14,999.99 County Manager Approval (3 Verbal Quotes – Document Attached)
 \$15,000.00 - \$24,999.99 County Manager Approval (3 Written Quotes – Document Attached)
 \$25,000.00 > Board Approval

Date	Item #
------	--------

GOODS AND SERVICES SHALL NOT, UNDER ANY CIRCUMSTANCES, BE ORDERED BY ANY COUNTY EMPLOYEE FROM ANY VENDOR, AT ANY TIME, WITHOUT FIRST OBTAINING A PURCHASE ORDER. FAILURE ON THE PART OF ANY EMPLOYEE TO FOLLOW THESE PROCEDURES SHALL SUBJECT THAT EMPLOYEE TO THE GRADUATED DISCIPLINARY PROCESS AS DESCRIBED IN THE PERSONNEL POLICIES MANUAL, UP TO AND INCLUDING TERMINATION OF EMPLOYMENT. THE COUNTY WILL NOT BE LIABLE FOR PAYMENT FOR GOODS OR SERVICES THAT ARE ORDERED IN VIOLATION OF THIS POLICY.

APPROVED BY:

Purchasing Officer

APPROVED BY:

County Manager

Clay County BCC Inventory

HEAVY EQUIPMENT/VEHICLE LIST

GVW greater than 10,000 lbs and/or 85HP

UPDATED 8-6-09 - 10-19-09 - 4-15-10 - 10-28-10 - 7-26-11

UPDATED 11-3-11 - 8-13-12 - 1-10-13 - 10-28-13

REVISED 1-13-14

<u>VEHICLE</u>	<u>DESCRIPTION</u>	<u>GVW</u>	<u>HP</u>
CCOM 352	GENERATOR		130HP
CCOM 447	CARGO VAN	10,484	
CCOM 493	CARGO VAN	10,484	
CCOM 502	GENERATOR		130HP
CCOM 7374	GENERATOR		398HP
<hr/>			
CD 1771	ENGINE	30,000	
CD 1831	TRAILER	18,000	
CD 1842	TANKER	30,000	
CD 1843	TANKER	30,000	
CD 2039	ENGINE	35,000	
CD 2061	GENERATOR		300HP
CD 2088	ENGINE	37,000	
CD 2202	GENERATOR		300HP
CD 2277	RESCUE	20,000	
CD 2311	ENGINE	42,500	
CD 2337	GENERATOR		250HP
CD 2346	GENERATOR		250HP
CD 2347	ENGINE	42,500	
CD 2355	RESCUE	20,000	
CD 2356	RESCUE	20,000	
CD 2358	ENGINE	42,500	
CD 2359	ENGINE	42,500	
CD 2398	TANKER	56,000	
CD 2428	ENGINE	42,500	
CD 2429	ENGINE	42,500	
CD 2467	GENERATOR		300HP
CD 2492	F-750	33,000	
CD 2509	RESCUE	20,000	
CD 2510	RESCUE	20,000	
CD 2514	ENGINE	41,800	
CD 2515	ENGINE	41,800	
CD 2524	ENGINE	37,000	
CD 2525	ENGINE	37,000	
CD 2533	ENGINE	52,500	
CD 2628	RESCUE	20,000	
CD 2629	RESCUE	20,000	
CD 2631	F-350	12,200	
CD 2636	C4500 TRUCK	21,500	
CD 2638	EMERGENCY ONE	42,000	
CD 2639	EMERGENCY ONE	42,000	
CD 2665	F-550	18,600	
CD 2666	F-450	18,000	
CD 2677	F-250	11,284	
CD 2683	E 350 VAN	10,284	
CD 2685	ENGINE	66,000	
CD 2688	RESCUE	20,000	
CD 2689	RESCUE	20,000	
CD 2690	GENERATOR		300HP
CDW130	MILITARY TRUCK	23,000	
CDT159	MILITARY TRUCK	21,000	



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

The County property from Public Safety listed below has some cash value and is requested that it be stored as surplus property subject to transfer, public auction or for sale to the highest responsible bidder.

County ID.	Description	Serial No.	Condition	DOP
0000006761	Uni-Vent Ventilator	0702130	Fair	4/11/07
0000006762	Uni-Vent Ventilator	0702126	Fair	4/11/07
0000006763	Uni-Vent Ventilator	0702128	Fair	4/11/07
0000006764	Uni-Vent Ventilator	0702125	Fair	4/11/07
0000006765	Uni-Vent Ventilator	0702127	Fair	4/11/07
0000006766	Uni-Vent Ventilator	0702131	Fair	4/11/07
0000006767	Uni-Vent Ventilator	0702133	Fair	4/11/07
0000006768	Uni-Vent Ventilator	0702006	Fair	4/11/07
0000006958	Uni-Vent Ventilator	0704297	Fair	9/26/07

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

▣ Inventory - surplus- Public Safety

REVIEWERS:

Department Reviewer

Action

Date

Comments

No Reviewers Available

FROM: Public Safety
TO: Stephanie C. Kopelousos, County Manager
VIA: Clay County Finance Dept.
SUBJECT: County Property Receipts and Transfers

DATE: December 20, 2016

REF: (A) Chapter 274, Florida Statutes
(B) Rule 69I-73 of the Chief Financial Officer's Division of Accounting and Auditing

In accordance with references (A) and (B), all County property that is to be junked, destroyed or stored will be referred to the Comptroller's Office for a designated place of storage. These items shall remain on the Department's inventory until approved by the Board of County Commissioners for final disposition.

In accordance with paragraph 1 above, I hereby submit the following:

- (a) () Through inter-departmental transfer, this Department assumes custody of the property listed below.
- (b) () The County property listed below is to be junked and/or destroyed, and removed from the Boards inventory .
- (c) (XXXX) The County property listed below has some cash value and it is requested that it be stored as surplus property subject to transfer or public auction.
- (d) () _____

Ag 1082

Co. ID #	DESCRIPTION	SERIAL NO.	COST	CONDITION	DOP
0000006761	Uni-Vent Ventilator	0702130	1074.50	Fair	4/11/07
0000006762	Uni-Vent Ventilator	0702126	1074.50	Fair	4/11/07
0000006763	Uni-Vent Ventilator	0702128	1074.50	Fair	4/11/07
0000006764	Uni-Vent Ventilator	0702125	1074.50	Fair	4/11/07
0000006765	Uni-Vent Ventilator	0702127	1074.50	Fair	4/11/07
0000006766	Uni-Vent Ventilator	0702131	1074.50	Fair	4/11/07
0000006767	Uni-Vent Ventilator	0702133	1074.50	Fair	4/11/07
Memo:					

Custodian signature signifies compliance with Board Policy on disposal of surplus computers if applicable.

Approved _____

[Signature]

Custodian

C: Inventory Control, Finance Department

FINANCE # 1d

FROM: Public Safety
TO: Stephanie C. Kopelousos, County Manager
VIA: Clay County Finance Dept.
SUBJECT: County Property Receipts and Transfers

DATE: December 20, 2016

REF: (A) Chapter 274, Florida Statutes
(B) Rule 69I-73 of the Chief Financial Officer's Division of Accounting and Auditing

In accordance with references (A) and (B), all County property that is to be junked, destroyed or stored will be referred to the Comptroller's Office for a designated place of storage. These items shall remain on the Department's inventory until approved by the Board of County Commissioners for final disposition.

In accordance with paragraph 1 above, I hereby submit the following:

- (a) () Through inter-departmental transfer, this Department assumes custody of the property listed below.
- (b) () The County property listed below is to be junked and/or destroyed, and removed from the Boards inventory .
- (c) (XXXX) The County property listed below has some cash value and it is requested that it be stored as surplus property subject to transfer or public auction.
- (d) () _____

pg 2 of 2

Co. ID #	DESCRIPTION	SERIAL NO.	COST	CONDITION	DOP
0000006768	Uni-Vent Ventilator	0702006	1074.50	Fair	4/11/07
0000006958	Uni-Vent Ventilator	0704297	1074.50	Fair	9/26/07

Memo:

Custodian signature signifies compliance with Board Policy on disposal of surplus computers if applicable.

Approved _____

[Signature]

Custodian

C: Inventory Control, Finance Department



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

Ratification of payments to vendors as per check register dated December 27, 2016.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

No Attachments Available

REVIEWERS:

Department Reviewer

Action

Date

Comments

No Reviewers Available



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

Approval of payments to vendors as per the check register dated January 10, 2017.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

No Attachments Available

REVIEWERS:

Department Reviewer

Action

Date

Comments

No Reviewers Available



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

Partial payment to Advanced Disposal Services Jacksonville, LLC for residential solid waste and recyclables collection services for the month of November 2016, in the amount of \$710,310.80 from the Universal Collection Fund, C/N 05/06-172.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

- ▣ Advanced Disposal

REVIEWERS:

Department Reviewer	Action	Date	Comments
No Reviewers Available			

ATTACHMENT TO PAYMENT REQUEST

903367

903367

CLAY COUNTY CONTRACT #05/06-172
 EXCLUSIVE RESIDENTIAL COLLECTION SERVICE
 Total Billable Units - November 2016

Invoice # Nov-16

1 Total Units on 2016/2017 Tax Roll (See Attached "Adjustments" Worksheet)		63,662
2 Certificates of Occupancy From Building Department		663 ✓
1/1/16 thru 10/31/16 (Have Paid Prorated Assessment)		
3 New Dwellings Not Previously Included ("New Dwellings" worksheet attached)	October 2016	
3a Before the 15th	0	
3b After the 15th	0	
Total	0	0
Note: New dwelling CO(s) for September received in October. September compensation is added here, October is added below (item 4).		
4 New Dwellings (See Attached "New Dwellings" Worksheet)	November 2016	
4a Before the 15th	37 ✓	37
4b After the 15th	40 ✓	
Total	77	
5 Commercial Hand Load Customers (See attached Commercial Hand worksheet)	November 2016	
5a Before the 15th	35	35 ✓
5b After the 15th	0	
Total	35	
6 Sub-Total of Units Served; Full Month (1+2+3+4a+5a)		64,397
7 Sub-Total of Units Served before the 15th Without Compensation (3a)	October 2016	0
8 Total Units Served Full Month		64,397
9 Sub-Total of Units Served after the 15th Without Compensation (3b).	October 2016	0
10 Sub-Total of Units Served; Half Month (4b+5b).		40
11 Total Units Served Half Month		40
12 TOTAL UNITS (8 + 11)		64,437 ✓
13 AMOUNT DUE - FULL MONTH BILLABLE UNITS (Item 8)	64,397 X	\$11.10 - \$714,806.70 ✓
14 AMOUNT DUE - HALF MONTH BILLABLE UNITS (Item 11)	40 X	\$5.550 - \$222.00 ✓
15 CREDIT FOR CORRECTED ASMT. OCT -NOV 2015 (32 Units x 2 mth)	-64 X	\$11.80 - (\$755.20) ✓
16 CREDIT FOR CORRECTED ASMT. DEC 15 -SEPT 2016 (32 Units x 10 mth)	-320 X	\$11.10 - (\$3,552.00) ✓
17 CREDIT FOR CORRECTED ASMT. OCT -DEC 2016 (37 Units x 1 mth)	-37 X	\$11.10 - (\$410.70) ✓
18 CREDIT FOR CORRECTED ASMT. JAN 2017 -SEP 2017 (6 Units x 9 mth)	0 X	\$11.10 - \$0.00
19 FUEL ADJUSTMENT (See Attached "Fuel Adjustment" worksheet; Jan. & Jul. Only)		
• All purchasing procedures were properly administered • All goods and/or services related to this invoice were properly received on county property and/or for county • The price, quantity and quality are correct and acceptable. • The appropriate county records are on file to substantiate this payment • Approval to pay as a county purchasing agent		
20 GRAND TOTAL DUE (13 through 19).	November 2016	\$710,310.80 ✓

Tania Jolley
 Assessment Coordinator

ALAN ALTMAN
 Solid Waste Deputy Director

DATE

12-12-16

FINANCE #

2b

PARTIAL



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

Partial payment to Waste Management, Inc. for operation of the transfer station facility for the month of November 2016, in the amount of \$489,926.38, from the Environmental Services Fund, C/N 05/06-128A.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

- ▣ Waste Management

REVIEWERS:

Department Reviewer	Action	Date	Comments
No Reviewers Available			

905398

842075

Invoice # Nov16-744-1

AMOUNT DUE TO WASTE MANAGEMENT, INC. OF FLORIDA
FOR OPERATION OF TRANSFER STATIONS
AND YARD TRASH FACILITY
November 2016

TYPE OF WASTE	TOTAL TONS	COST PER TON	AMOUNT
CLASS I - OUT	✓ 10,665.74	\$ - 33.00	\$ 351,969.42 ✓
C & D - OUT	✓ 3,683.54	\$ - 28.02	\$ 103,212.79 ✓
YARD TRASH - IN	✓ 1,670.16	\$ - 21.17	\$ 35,357.29 ✓
YARD TRASH DISPOSAL FEE CREDIT - OUT	✓ 1,076.46	\$ - (0.55)	\$ (592.05) ✓
YARD TRASH DISPOSAL FEE CREDIT - OUT BY OTHER	✓ 3.79	\$ - (5.56)	\$ (21.07) ✓
YARD TRASH DISPOSAL FEE CREDIT - OUT TO COUNTY OWNED SITE	0	\$ - (1.13)	\$ -

TOTAL TO BE PAID

\$ 489,926.38 ✓

PARTIAL

I personally acknowledge by my signature the following:

- All purchasing procedures were properly administered
- All goods and/or services related to this invoice were properly received on county property and/or for county approved purposes
- The price, quantity and quality are correct and acceptable
- The appropriate county records are on file to substantiate this payment
- Approval to pay as a county purchasing agent


ALAN ALTMAN
Solid Waste Deputy Director

DATE

12-12-16

FINANCE #

2c



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

Partial payment to Michael Kahn, PA for legal services rendered concerning the case Clay County v. James T. Otto, in the amount of \$1,620.00, invoice number 4432, from the General Fund, C/N 15/16-65.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

▣ Clay v. Otto

REVIEWERS:

Department Reviewer

Action

Date

Comments

No Reviewers Available



Michael Kahn, P.A.
482 N. Harbor City Blvd.
Melbourne, FL 32935
321-242-2564 Fax: 321-254-2127

Bill To

Clay County
c/o Courtney Grimm
P.O. Box 1366
Green Cove Springs, FL 32043-1366

I personally acknowledge by my signature the following:

- All purchasing procedures were properly administered
- All goods and/or services related to this invoice were properly received on county property and/or for county approved purposes
- The price, quantity and quality are correct and acceptable
- The appropriate county records are on file to substantiate this payment
- Approval to pay as a county purchasing agent

INVOICE

Invoice No. 4432

Date 11/30/2016

Terms Due on receipt

Courtney K. Grimm
County Attorney

Courtney.Grimm@claycountygov.com

Date

Case: James Otto

DATE	SERVICES RENDERED	HOURS	RATE	AMOUNT
ATTORNEY BILLING:				
11/3/2016	Complete preparation of proposed order; instructions to paralegal.	1.2	✓300.00	360.00
11/3/2016	Teleconference with county attorney.	0	300.00	0.00
11/4/2016	Review county attorney proposed revisions to order; instructions to paralegal	0.5	300.00	150.00
11/7/2016	Teleconference with county attorney; final review of proposed order; final revisions to proposed order; instructions to paralegal	0.6	300.00	180.00
11/10/2016	Teleconference with county attorney.	0	300.00	0.00
11/15/2016	Review court order signed by judge; instructions to paralegal to ensure that Mr. Otto receives a copy through the portal or otherwise	0.5	300.00	150.00
11/17/2016	Teleconference with county planner to request that photo journal be taken daily and sent to MK of Mr. Otto's premises be taken to determine if he has complied with the court order to remove all commercial signs within 24 hours	0.3	300.00	90.00
11/18/2016	Review daily photo journal sent by county planner and ascertain that Mr. Otto is still maintaining commercial signs on his property in violation of the court order of November 14 2016; email request to county planner	0.5	300.00	150.00
12/21/2016	Review photos of Otto property; compare with other photos	0.3	300.00	90.00
11/22/2016	Review photos of Otto property; review photos Mr. Otto submitted to county commission; compare with other photos	0.5	300.00	150.00
11/23/2016	Review photos of Otto property; compare with other photos	0.3	300.00	90.00
	Subtotal-Attorney Fees			1,410.00 ✓
PARALEGAL BILLING:				
11/3/2016	Prepare e-mail correspondence to county attorney enclosing proposed order from hearing on motion for sanctions 10/26/16 per attorney instructions, teleconference with county attorney re: status of review of proposed order.	0.25	✓150.00	37.50
11/4/2016	Teleconference with county attorney re: changes to proposed order; redline proposed order with county attorney's suggested revisions for attorney review.	0.25	150.00	37.50
11/7/2016	Prepare e-mail correspondence to judge's JA enclosing proposed order.	0.2	150.00	30.00
11/8/2016	Teleconference with judge's JA (vm) re: status of order from October 26, 2016 hearing, prepare e-mail correspondence to judge's JA re: status of order from October 26, 2016 hearing.	0.1	150.00	15.00
11/14/2016	Prepare follow up e-mail correspondence to judge's JA requesting status of order sent 11/07/16	0.1	150.00	15.00
11/22/2016	Organize photos of defendant's property received from county planner for attorney review.	0.25	150.00	37.50
11/23/2016	Email correspondence to judicial assistant (LC) requesting available dates for a 10 minute hearing on a motion for contempt; response from ja no availability prior to end of year and case will be transferred to Judge Lester on first of the new year.	0.25	150.00	37.50
	Subtotal-Paralegal Fees			210.00 ✓
	TOTAL CURRENT FEES			1,620.00 ✓

* This invoice does not reflect all telephone conversations and/or e-mails sent or received.

We appreciate your prompt payment.

Invoice Total **\$1,620.00**

Payments/Credits \$0.00

BALANCE DUE \$1,620.00

For billing inquiries please email: accounting@MichaelKahnPA.com

FINANCE #

2d



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

Partial payment to Constangy, Brooks, Smith & Prophete, LLP for legal services regarding general labor and employment law, in the amount of \$574.00, invoice number 460384, from the General Fund, C/N 15/16-115.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

- ▣ General labor and employment law

REVIEWERS:

Department Reviewer	Action	Date	Comments
No Reviewers Available			



00901278
**CONSTANGY
BROOKS, SMITH &
PROPHETE LLP**

BILLING DEPARTMENT
P.O. BOX 102476 • ATLANTA, GEORGIA 30368-0476
TELEPHONE (404) 525-8622 • FACSIMILE (404) 525-6955
TAX ID # 58-0616335

RECEIVED

DEC 15 2016

Clay County Attorney's Office

COURTNEY K. GRIMM
COUNTY ATTORNEY
CLAY COUNTY BOARD OF COUNTY COMMISSIONERS
P.O. BOX 1366
GREEN COVE SPRINGS, FL 32043

Invoice Number 460384
Invoice Date 12/09/2016
Client Number 40058
Matter Number 23940

FOR PROFESSIONAL SERVICES RENDERED THROUGH NOVEMBER 30, 2016

REGARDING: ADVICE/GENERAL

CURRENT FEES \$100.00

CURRENT EXPENSES \$474.00

TOTAL CURRENT FEES AND EXPENSES **\$574.00**

PREVIOUS UNPAID BALANCE \$340.00

TOTAL BALANCE DUE \$914.00

I personally acknowledge by my signature the following:

- All purchasing procedures were properly administered
- All goods and/or services related to this invoice were properly received on county property and/or for county approved purposes
- The price, quantity and quality are correct and acceptable
- The appropriate county records are on file to substantiate this payment
- Approval to pay as a county purchasing agent

Courtney K. Grimm
Courtney K. Grimm
County Attorney

Date 12-20-16

001-0301-531200

FINANCE # 2e



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

Partial payments to Jones Edmunds and Associates, Inc. for Public Works sites contamination assessment work and regulatory assistance, in the amounts of \$922.61 and \$775.40, invoice numbers 0237985 and 0238103, respectively, from the Environmental Services Fund, C/N 92/93-171, 33B addendum.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

- ▣ Jones Edmunds-PW sites assessments
- ▣ Public Works sites assessments 2

REVIEWERS:

Department Reviewer	Action	Date	Comments
---------------------	--------	------	----------

No Reviewers Available



457951

November 15, 2016

Project No: 03740-018-03

Invoice No: 0237985

Alan Altman
Clay County
Division of Solid Waste Management
3545 Rosemary Hill Road
Green Cove Springs, FL 32043-8562

Project 03740-018-03 Public Works Excavations-Final Assessments
Contract 92/93-171
Addendum No. 33B

Professional Services from October 1, 2016 to October 23, 2016

Professional Personnel

	Hours	Rate	Amount
- Project Manager			
Hays, Troy	2.00	154.15 ✓	308.30 ✓
- Project Engineer, Scientist			
Hays, Michelle	2.00	123.31 ✓	246.62 ✓
Kennelley, Elizabeth	.75	123.31 ✓	92.48 ✓
Jr. Design Engineer/Scientist			
Henry, Sharon	.50	82.56 ✓	41.28 ✓
Thomas, Brian	1.50	82.56 ✓	123.84 ✓
- Sr. Field Technician Environmental			
Messick, Steven	1.00	110.09 ✓	110.09 ✓
Totals	7.75		922.61
Total Labor			922.61 ✓

Billing Limits	Current	Prior	To-Date
Total Billings	922.61	7,998.00	8,920.61
Limit			79,559.00
Remaining			70,638.39

Total this Invoice

\$922.61 ✓

PARTIAL

Authorized:

Troy Hays

Date:

11/15/16

APPROVED TO PAY:

I personally acknowledge by my signature the following:

- All purchasing procedures were properly administered
- All goods and/or services related to this invoice were properly received on county property and/or for county approved purposes
- The price, quantity and quality are correct and acceptable
- The appropriate county records are on file to substantiate this payment
- Approval to pay as a county purchasing agent

ALAN ALTMAN
Solid Waste Deputy Director

DATE

12-21-16

FINANCE #

2f



457957

Alan Altman
Clay County
Division of Solid Waste Management
3545 Rosemary Hill Road
Green Cove Springs, FL 32043-8562

December 22, 2016

Project No: 03740-018-03
Invoice No: 0238103

Project 03740-018-03 Public Works Excavations-Final Assessments

Contract 92/93-171

Addendum No. 33B

Professional Services from October 24, 2016 to November 20, 2016

Professional Personnel

	Hours	Rate	Amount
- Project Manager			
Hays, Troy	3.25	154.15 ✓	500.99 ✓
- Project Engineer, Scientist			
Hays, Michelle	1.00	123.31 ✓	123.31 ✓
Kennelley, Elizabeth	.50	123.31 ✓	61.66 ✓
- Sr. Administrative Assistant			
Feller, Linda	1.25	71.55 ✓	89.44 ✓
Totals	6.00		775.40 ✓
Total Labor			775.40 ✓

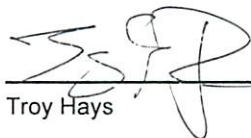
Billing Limits	Current	Prior	To-Date
Total Billings	775.40	8,920.61	9,696.01
Limit			79,559.00
Remaining			69,862.99

Total this Invoice

\$775.40 ✓

PARTIAL

Authorized:


Troy Hays

Date: 12/22/16

I personally acknowledge the following:

- All purchasing procedures were properly administered
- All goods and/or services related to this invoice were properly received on county property and/or for county approved purposes
- The price, quantity and quality are correct and acceptable
- The appropriated county records are on file to substantiate this payment
- Approval to pay as a county purchasing agent


Milton Towns
Deputy Director

DATE

FINANCE #

29



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

Partial payments to Jones Edmunds and Associates, Inc. for landfill compliance monitoring services, in the amounts of \$6,661.84 and \$4,963.91, invoice numbers 0237968 and 0238161, respectively, from the Environmental Services Fund, C/N 92/93-171 37th addendum.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

- ▣ Jones Edmunds-Landfill compliance
- ▣ Landfill compliance 2

REVIEWERS:

Department Reviewer	Action	Date	Comments
---------------------	--------	------	----------

No Reviewers Available



457951

APPROVED TO PAY:

Alan Altman
Clay County
Finance Department
PO Box 988
Green Cove Springs, FL 32043

December 15, 2016
Project No: 03740-022-01
Invoice No: 0237968

Project 03740-022-01 Addendum 37
Addendum 37
Professional Services from October 1, 2016 to October 23, 2016
Professional Personnel

	Hours	Rate	Amount
- Project Manager Cully, Timothy	12.50	154.15 ✓	1,926.88
- Sr. Project Engr, Scientist Horvath, John	.50	150.83 ✓	75.42
- Project Engineer, Scientist Kennelley, Elizabeth	2.75	123.31 ✓	339.10
Jr. Design Engineer/Scientist Henry, Sharon	4.00	82.56 ✓	330.24
Thomas, Brian	.50	82.56 ✓	41.28
- Sr. Field Technician Environmental Hill, Wilson	19.00	110.09 ✓	2,091.71
Messick, Steven	15.25	110.09 ✓	1,678.87
Sr. Document Production Schmid, Joseph	.25	81.46 ✓	20.37
- Sr. Administrative Assistant Feller, Linda	1.25	71.55 ✓	89.44
Totals	56.00		6,593.31
Total Labor			6,593.31 ✓

Consultants

SUBCONTRACTOR - LABORATORY 38.61
Total Consultants 38.61 38.61 ✓

Reimbursable Expenses

SHIPPING 29.92
Total Reimbursables 29.92 29.92 ✓

Total this Invoice**\$6,661.84**

Authorized:

Timothy Cully

I personally acknowledge by my signature the following:

- All purchasing procedures were properly administered
- All goods and/or services related to this invoice were properly received on county property and/or for county approved purposes
- The price, quantity and quality are correct and acceptable
- The appropriate county records are on file to substantiate this payment
- Approval to pay as a county purchasing agent

ALAN ALTMAN
Solid Waste Deputy Director

DATE

PARTIAL

FINANCE #



457951

Alan Altman
Clay County
Finance Department
PO Box 988
Green Cove Springs, FL 32043

December 22, 2016
Project No: 03740-022-01
Invoice No: 0238161

Project 03740-022-01 Addendum 37
Addendum 37

Professional Services from October 24, 2016 to November 20, 2016
Professional Personnel

	Hours	Rate	Amount
- Project Manager Cully, Timothy	14.25	- 154.15 ✓	- 2,196.64 ✓
- Project Engineer, Scientist Kennelley, Elizabeth	5.00	- 123.31 ✓	- 616.55 ✓
Jr. Design Engineer/Scientist Henry, Sharon	5.00	- 82.56 ✓	- 412.80 ✓
Kardish, Patrick	4.75	- 82.56 ✓	- 392.16 ✓
- Sr. Field Technician Environmental Hill, Wilson	8.50	- 110.09 ✓	- 935.77 ✓
Messick, Steven	1.75	- 110.09 ✓	- 192.66 ✓
- Sr. Administrative Assistant Feller, Linda	1.50	- 71.55 ✓	- 107.33 ✓
Totals	40.75 ✓		4,853.91 ✓
Total Labor			

Consultants

SUBCONTRACTOR - LABORATORY
Total Consultants

- 110.00 ✓
110.00

Total this Invoice

4,853.91 ✓

PARTIAL

110.00 ✓

\$4,963.91

Authorized:

Timothy C. Cully
Timothy Cully

Date:

12/22/2016

I personally acknowledge the following:

- All purchasing procedures were properly administered
- All goods and/or services related to this invoice were properly received on county property and/or for county approved purposes
- The price, quantity and quality are correct and acceptable
- The appropriated county records are on file to substantiate this payment
- Approval to pay as a county purchasing agent

Milton Towns
Deputy Director

12-28-16
DATE

FINANCE # 2h



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

Clay County Finance Department request ratification of:

1. Payroll dated December 20, 2016

- Check numbers 476336 - 476888, in the amount of \$42,196.46
- Direct deposits, in the amount of \$584,920.79
- Payroll related expenditures, check numbers 308506 - 308526, including tax EFT, in the amount of \$798,237.08

2. Voids, handwrites and electronic funds transfers from December 12, 2016 - December 29, 2016, in the net amount of \$695,187.50

3. Workers compensation checks for the month ended December 31, 2016; check numbers 512925 - 512976, in the amount of \$37,589.11.

4. Payroll dated January 3, 2017

- Check numbers 476889 - 477435, in the amount of \$41,566.24
- Direct deposits, in the amount of \$611,019.10
- Payroll related expenditures, check numbers 308622 - 308628, including tax EFT, in the amount of \$257,671.59

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

No Attachments Available

REVIEWERS:

Department	Reviewer	Action	Date	Comments
------------	----------	--------	------	----------

No Reviewers Available



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT:

Clay County Finance Department requests authorization to refund:

1. Denise Cunningham for fairgrounds rental not utilized, in the amount of \$312.69, from the General Fund as per the attached memorandum from the Parks and Recreation Division.
2. Certain individuals' driveway/culvert permits as per the attached memorandums.
3. Solid Waste Assessment Fees and Collection Fees to certain individuals', in the total amounts of \$1,552.32 and \$2,564.90, from the Solid Waste Fund and Universal Collection Fund, respectively, as per the attached memorandum from Environmental Services.
4. Rescue Department, certain companies and individuals for overpayments of rescue accounts as per the attached memorandum dated December 30, 2016, from the General Fund.
5. A retiree for health insurance paid in error, in the total amount of \$250.00, from the Health Insurance Trust Fund, per the attached memorandum from Risk Management.
6. A retiree for dental insurance paid in error, in the total amount of \$87.12, from the General Fund, per the attached memorandum from Risk Management.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description

- ▣ Fairgrounds rental refund
- ▣ Driveway Culvert Refund
- ▣ Driveway Culvert Refund 2

- ▣ Solid Waste Refund
- ▣ Rescue Refund
- ▣ Health Insurance Refund
- ▣ Dental Insurance Refund

REVIEWERS:

Department Reviewer	Action	Date	Comments
---------------------	--------	------	----------

No Reviewers Available



**CLAY COUNTY
FLORIDA**

**Facilities Operations and
Maintenance**

Parks & Recreation

Mailing Address:

P.O. Box 1366
Green Cove Springs, FL
32043

Physical Address:

477 Houston Street
2nd Floor, Admin. Building
Green Cove Springs, FL
32043

Area code: 904
Phone: 284-6378
Fax: 284-9780

County Manager

Stephanie C. Kopelousos

Commissioners:

Mike Cella
District 1

Wayne Bolla
District 2

Diane Hutchings
District 3

Buck Burney
District 4

Gayward Hendry
District 5

Switchboard:

GCS (904) 284-6300
KH (352) 473-3711
KL (904) 533-2111
OP/MBG (904) 269-6300

www.claycountygov.com

December 6, 2016

MEMORANDUM

TO: Lisa Streeper/ Denise Krein
FROM: Lynn Higgs/James Householder
RE: Refund – Denise Cunningham


Please send a refund check to Denise Cunningham for cancellation on a building at the Fairgrounds on December 10th. The event was for her daughter, but she was informed that her daughter would be out of town on business that day.

Please refund \$312.69. Please mail refund to:

Denise Cunningham
6292 CR 209 South
Green Cove Springs, FL 32043

Please let me know if you have any other questions.

Thank you


James Householder, Parks Director

Attachments:

Receipt from Parks and Recreation
Receipt from Finance Department
Copy of Invoice
Copy of check
Email request

FINANCE # 361



Department of Economic & Development Services

Memorandum

TO: Fran Atkins
Finance Department

FROM: Teresa Capo ^{TV}
Economic & Development Services Coordinator

DATE: December 12, 2016

SUBJECT: Refund for Driveway Permit Application

Please reimburse Eric Lee \$100.00 for a Driveway Culvert Application fee. Driveway located at 128 Simmons Trail West, will not require a culvert.

The name and address is:

Eric Lee
P.O. Box 473
Middleburg, FL 32050

Thank you for your cooperation in this matter.

Should you have additional questions, please contact this office.

FINANCE # 362



Department of Economic & Development Services

Memorandum

TO: Fran Atkins
Finance Department

FROM: Teresa Capo *TC*
Economic & Development Services Coordinator

DATE: December 14, 2016

SUBJECT: Refund for Driveway Permit Application

Please reimburse Luke Edwards \$75.00 for a Driveway Culvert Application fee. Driveway located at 6184 CR 352 for Marty and Brenda Martin, will not require a culvert but only an upgrade to the existing pipe.

The name and address is:

Luke Edwards
3342 Brannon Oaks Drive
Middleburg, FL 32068

Thank you for your cooperation in this matter.

Should you have additional questions, please contact this office.

FINANCE #

362



**CLAY COUNTY
FLORIDA**

Finance Division

P.O. Box 988
477 Houston Street
4th Floor, Admin. Building
Green Cove Springs, FL
32043

Area code: 904
Phone: 529-3646
278-3646
Fax: 278-4749

County Manager
Stephanie C. Kopelousos

Commissioners:

Mike Cello
District 1
Wayne Bolla
District 2
Diane Hutchings
District 3
Buck Burney
District 4
Gayward Hendry
District 5

Switchboard:

GCS (904) 284-6300
KH (352) 473-3711
KL (904) 533-2111
OP/MBG (904) 269-6300

www.claycountygov.com

MEMORANDUM

TO: Stephanie C. Kopelousos
County Manager

FROM: Clayton Meng *CM*
Finance Director

SUBJECT: Solid Waste Assessment Refunds

DATE: December 15, 2016

I am requesting that the property owners listed (See Attached) be reimbursed for Solid Waste Disposal/Collection fees that were either paid in error, or have received an exemption under provisions of the Solid Waste Assessment Ordinance 93-19. Your cooperation in this matter is greatly appreciated. Thank You.

Disposal fee	\$1,552.32
Collection fee	<u>\$2,564.90</u>
Total Reimb.	4,117.22

CRM/cpa

FINANCE #

363



**CLAY COUNTY
FLORIDA**

Finance Division

P.O. Box 988
477 Houston Street
4th Floor, Admin. Building
Green Cove Springs, FL
32043

Area code: 904-
Phone: 269-6396
Fax: 278-4749

County Manager
Stephanie C. Kopelousos

Commissioners:
Mike Cella
District 1

Wayne Bolla
District 2

Diane Hutchings
District 3

Buck Burney
District 4

Gayward Hendry
District 5

Switchboard:
GCS (904) 284-6300

www.claycountygov.com

December 30, 2016

TO: The Clay County Board of County Commissioners

FROM: Clayton Meng, Finance Director

SUBJECT: Request for refunds from the General Fund

The following rescue AMB EMS Billing accounts are overpaid & refunds should be made as follows:

\$103.60 to: 001-342600
Joan Riggs
1015 Spring Street
Green Cove Springs, FL 32043
Account: 0005605
(Overpayment)

\$7.99 to: 001-342600
John Coppedge
226 Dover Bluff Dr
Orange Park, FL 32073
Account: 17436
(Overpayment)

\$95.61 to: 001-342600
Glenda Neff
1790 Dartmouth Dr
Middleburg, FL 32068
Account: 25780
(Overpayment)

\$102.71 to: 001-342600
Elizabeth Lorch
3739 Constancia Dr
Green Cove Springs, FL 32043
Account: 21674
(Overpayment)

FINANCE #

364

\$473.48 to:
Foreign Service Benefit Plan
PO Box 34602
Washington, DC 20043
ID: 79004835503
(Overpayment)

001-342600

\$485.76 to:
Geico
Attn: Florida Claims
PO Box 9091
Macon, GA 31208
47993497-046
(Overpayment)

001-342600

\$100.00 to:
Patricia Balcom
2230 Treasure Point Rd
Green Cove Springs, FL 32043
Account: 20481
(Overpayment)

001-342600

\$105.78 to:
BCBS of Florida
Dept 1213
P O Box 121213
Dallas, TX 75312-1213
Patient ID: H73183816
(overpayment)

001-342600

\$92.86 to:
Cager Campbell
1928 Astor Street
Orange Park, FL 32073
Account: 23508
(Overpayment)

001-342600

\$85.97 to:
James Culverhouse
141 Old Orange Park Rd Apt 97
Orange Park, FL 32073
Account: 3927
(Overpayment)

001-342600



**CLAY COUNTY
FLORIDA**

RISK Services

PO Box 1366
477 Houston Street
4th Floor, Admin Building
Green Cove Springs, FL
32043

Area Code: 904
Phone: 529-3753
278-3753
Fax: 278-3611

County Manager
Stephanie C. Kopelousos

Commissioners:

Mike Cella
District 1
Wayne Bolla
District 2
Diane Hutchings
District 3
Buck Burney
District 4
Gayward Hendry
District 5

Switchboard:

GCS (904) 284-6300
KH (352) 473-3711
KL (904) 533-2111
OP/MBG (904) 269-6300

www.claycountygov.com

MEMO

To: Lisa Streeper
Finance

From: Norma Lunsford
Employee Benefits Coordinator

Date: December 29, 2016

Re: Gary Bigham retiree refund

Gary Bigham's FRS payment was incorrectly changed for 2017. His payment should be \$ 1658.43, but \$ 1908.43 was collected. He is due a refund of \$ 250.00.

Total refund \$ 250.00

Thank You

I personally acknowledge by my signature the following:

- All purchasing procedures were properly administered
- All goods and/or services related to this invoice were properly received on county property and/or for county approved purposes
- The price, quantity and quality are correct and acceptable
- The appropriate county records are on file to substantiate this payment
- Approval to pay as a county purchasing agent


Jennifer Roper, Purchasing Agent
Human Resources Coordinator

DATE

12/30/2016

FINANCE #

365



**CLAY COUNTY
FLORIDA**

RISK Services

PO Box 1366
477 Houston Street
4th Floor, Admin Building
Green Cove Springs, FL
32043

Area Code: 904
Phone: 529-3753
278-3753
Fax: 278-3611

County Manager
Stephanie C. Kopelousos

Commissioners:

Mike Cella
District 1
Wayne Bolla
District 2
Diane Hutchings
District 3
Buck Burney
District 4
Gayward Hendry
District 5

Switchboard:

GCS (904) 284-6300
KH (352) 473-3711
KL (904) 533-2111
OP/MBG (904) 269-6300

www.claycountygov.com

MEMO

To: Lisa Streeper
Finance

From: Norma Lunsford
Employee Benefits Coordinator

Date: December 29, 2016

Re: Harold Hatcher retiree refund


Harold Hatcher cancelled his dental effective 1/1/17. His FRS payment was not stopped for 2017. \$87.12 was collected in error. He is due a refund of \$ 87.12.

Total refund \$ 87.12

Thank You

I personally acknowledge by my signature the following:

- All purchasing procedures were properly administered
- All goods and/or services related to this invoice were properly received on county property and/or for county approved purposes
- The price, quantity and quality are correct and acceptable
- The appropriate county records are on file to substantiate this payment
- Approval to pay as a county purchasing agent


Jennifer Rupert-Hutchinson
Human Resources Coordinator

12/30/2016
DATE

FINANCE #

366



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: Board of County
Commissioners

DATE: 1/3/2017

FROM: Angela Goodermote

SUBJECT: Approval of Finance & Audit Committee Minutes of January 3, 2017.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description	Type	Upload Date	File Name
010317 F&A Comm Minutes - Part 1	Backup Material	1/3/2017	010317_F_A_Comm_Minutes_ReducedPDF_Part_1.pdf
010317 F&A Comm Minutes - Part 2	Backup Material	1/3/2017	010317_F_A_Comm_Minutes_ReducedPDF_Part_2.pdf
010317 F&A Comm Minutes - Part 3	Backup Material	1/3/2017	010317_F_A_Comm_Minutes_ReducedPDF_Part_3.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Budget Office	Russ, Stephanie	Approved	1/4/2017 - 8:00 AM	
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:11 AM	



FINANCE AND AUDIT COMMITTEE MEETING MINUTES

January 3, 2017

Administration Building, 4th Floor, BCC Meeting
Room
10:00 AM

PUBLIC COMMENTS

No public comments were made.

1. Revenue Allocation for CCSO Grants

Approval to record unanticipated revenue from the following three (3) grants:

(A) SCAAP Grant: Grant funds from the U.S. Department of Justice (DOJ), State Criminal Alien Assistance Program Grant (SCAAP) 2016 in the amount of \$12,026.00 to assist with inmate hospital watches. Funding Source: 102-102-331223 (Fine & Forfeiture Revenue Fund - SCAAP Award)

(B) JAG Local Grant: Grant funds from the Edward Byrne Memorial Justice Assistance Grant (JAG) Program - Local Grant 2016 in the amount of \$43,433.00 to purchase software to further enhance technology at the Clay County Sheriffs Office. Funding Source: 102-102-331220 (Fine & Forfeiture Revenue Fund - Justice Administration Grant)

(C) VOCA Grant: Grant funds from the Victims of Crime Act (VOCA) Grant through the Office of the Attorney General of Florida in the amount of \$46,776.24. Funds will be used to pay for a full time Victim Advocate and other project expenses. Funding Source: 102-102-331228 (Fine & Forfeiture Revenue Fund - VOCA Grant)

After discussion, Commissioner Buck Burney moved, seconded by Commissioner Mike Cella, and Carried 2 - 0, approval to go before the Board on the January 10th Consent Agenda.

2. Contingency Transfer for Building Renovations

Approve to transfer from the Building Fund's contingency reserves (138-9939-599100) in the amount of \$145,000.00 to cover unanticipated costs for renovations to the 3rd Floor Building Department.

After discussion, Commissioner Buck Burney moved, seconded by Commissioner Mike Cella, and Carried 2 - 0, approval to go before the Board on the January 10th Consent Agenda.

3. Third Renewal of Agreement #13/14-100 - Clay County Economic Development Corporation

Review and discussion of third renewal of Agreement #13/14-100 between Clay County and the Clay County Economic Development Corporation.

After discussion, Commissioner Buck Burney moved, seconded by Commissioner Mike Cella, and Carried 2 - 0, to pull for full Board discussion at the January 10th BCC meeting.

4. Bid #15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

Approval to post notice of intent and award Bid #15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks to lowest responsive and responsible bidder Armstrong Fence Company in the amount of \$42,830.00. Approval will be effective after 72 hour bid protest period has expired assuming no protest are received. Funding Source: 001-3201-546100 (General Fund / Parks & Rec. Admin. / Repairs and Maintenance)

After discussion, Commissioner Buck Burney moved, seconded by Commissioner Mike Cella, and Carried 2 - 0, approval to go before the Board on the January 10th Consent Agenda.

5. Bid #16/17-3, Cured-In-Place Pipe

Approval to post notice of intent and award Bid #16/17-3, Cured-In-Place Pipe Services to two bidders as stated in the bid, Insituform Technologies, LLC and Hinterland Group, Inc. Approval will be effective after 72 hour bid protest period has expired assuming no protest are received. Funding Source: 101-3701-546100 (Transportation Trust Fund / Streets & Drainage / Repairs and Maintenance)

After discussion, Commissioner Buck Burney moved, seconded by Commissioner Mike Cella, and Carried 2 - 0, approval to go before the Board on the January 10th Consent Agenda.

6. Bid #16/17-2, Tree Removal Services

Approval to post notice of intent and award Bid #16/17-2, Tree Removal Services to the sole bidder American Tree Surgeons at unit prices stated in bid received. Approval will be effective after 72 hour bid protest period has expired assuming no protest are received. This bid is utilized by Public Works and other various departments. Funding Source: 101-3701-546100 (Transportation Trust Fund / Streets & Drainage / Repairs and Maintenance)

After discussion, Commissioner Buck Burney moved, seconded by Commissioner Mike Cella, and Carried 2 - 0, approval to go before the Board on the January 10th Consent Agenda.

7. Proposed First Amendment to Adult Drug Court 2016-17 Funding Agreement (#2016/17-13)

Approval of Proposed First Amendment to Adult Drug Court 2016-17 Funding Agreement (#2016/17-13). There is no change in contract amount. (See attachments for additional information.) Funding Source: 134-1067-531000 (State Court/Local Req Fund - Drug Court - Professional Svcs)

After discussion, Commissioner Buck Burney moved, seconded by Commissioner Mike Cella, and Carried 2 - 0, approval to go before the Board on the January 10th Consent Agenda.

8. Voting Precincts Lease Agreement with the Supervisor of Elections

Approval of Lease Agreement with the Clay County Supervisor of Elections for voting precincts and early voting sites.

After discussion, Commissioner Buck Burney moved, seconded by Commissioner Mike Cella, and Carried 2 - 0, approval to go before the Board on the January 10th Consent Agenda.

9. Purchasing Policy Waiver for Washer & Dryer Purchase for the Jail

Approval to waive the purchasing policy and purchase one UniMac washer and one UniMac dryer from Southeastern Laundry Equipment Sales in the total amount of \$28,600.00 for use at the Jail. Funding Source: 102-1204-564100 (Fine & Forfeiture Fund - Bldgs-Jail/Law Enforcement - M&E-Capitalized)

After discussion, Commissioner Buck Burney moved, seconded by Commissioner Mike Cella, and Carried 2 - 0, approval to go before the Board on the January 10th Consent Agenda.

10. Approval of Third Amendment with Motorola for Keystone Tower repairs

Request approval of Third Amendment to 800 MHZ Public Safety Radio System Agreement in the amount of \$35,597.00 for repairs to the Keystone Tower. Funding Source: 301-2223-546100 (\$12.50 Motor Vehicle Surcharge Fund - Public Safety-Communication/Oth - Repairs & Maintenance)

After discussion, Commissioner Buck Burney moved, seconded by Commissioner Mike Cella, and Carried 2 - 0, to pull for full Board discussion at the January 10th BCC meeting.

11. Federally Funded Public Assistance State Agreement - Hurricane Matthew Disaster Declaration

Approval of Federally Funded Public Assistance State Agreement with the

State of Florida, Division of Emergency Management for disaster recovery efforts related to Hurricane Matthew.

After discussion, Commissioner Buck Burney moved, seconded by Commissioner Mike Cella, and Carried 2 - 0, approval to go before the Board on the January 10th Consent Agenda.

12. Derelict Vessel Removal Funding Agreement

Approval of Derelict Vessel Removal Funding Agreement with the State of Florida Fish and Wildlife Conservation Commission on a cost reimbursement basis in an amount not to exceed \$37,575.00. Funding Sources: 103-3298A-549100 (FL Boating Imprv Grant Funds - Derelict Vessels - Oth Current Charges - \$37,575.00) & 103-3298-546100 (FL Boating Imprv Fund - FL Boating Imprv - Repairs & Maint - \$12,525.00)

After discussion, Commissioner Buck Burney moved, seconded by Commissioner Mike Cella, and Carried 2 - 0, approval to go before the Board on the January 10th Consent Agenda.

13. Budget Resolution - 2016-2017 Florida FWC grant

Approval of Budget Resolution in the amount of \$37,575.00 to record unanticipated revenue from Florida Fish and Wildlife Conservation Commission. These funds are to be used by the County to contract the removal of derelict vessels, for a total to exceed no more than \$50,100.00, with \$37,575.00 being reimbursed by the Florida Fish and Wildlife Conservation. Funding Source: Florida Boating Improvement Fund Revenue

After discussion, Commissioner Buck Burney moved, seconded by Commissioner Mike Cella, and Carried 2 - 0, approval to go before the Board on the January 10th Consent Agenda.

COUNTY MANAGER/CLERK OF THE BOARD

14. County Project Update

Update on County projects.

County Manager Kopelousos provided status updates on current County projects. She asked the Committee if there was anything they would like to see added to the list in which no suggestions were made.

Following the County projects update, the Committee and County Manager discussed Board Workshops for the near future. In addition, Commissioner Burney asked about a Cost of Living Adjustment (COLA) for County employees. The County Manager responded with the implementation process of the salary survey.

PUBLIC COMMENTS

No final public comments were made.

There being no further business, the meeting adjourned at 10:50 a.m.

Attest:

Committee Chairman

Recording Secretary



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Finance & Audit Committee

DATE: 12/12/2016

FROM: Angela Goodermote

SUBJECT:

Approval to record unanticipated revenue from the following three (3) grants:

(A) SCAAP Grant: Grant funds from the U.S. Department of Justice (DOJ), State Criminal Alien Assistance Program Grant (SCAAP) 2016 in the amount of \$12,026.00 to assist with inmate hospital watches. Funding Source: 102-102-331223 (Fine & Forfeiture Revenue Fund - SCAAP Award)

(B) JAG Local Grant: Grant funds from the Edward Byrne Memorial Justice Assistance Grant (JAG) Program - Local Grant 2016 in the amount of \$43,433.00 to purchase software to further enhance technology at the Clay County Sheriffs Office. Funding Source: 102-102-331220 (Fine & Forfeiture Revenue Fund - Justice Administration Grant)

(C) VOCA Grant: Grant funds from the Victims of Crime Act (VOCA) Grant through the Office of the Attorney General of Florida in the amount of \$46,776.24. Funds will be used to pay for a full time Victim Advocate and other project expenses. Funding Source: 102-102-331228 (Fine & Forfeiture Revenue Fund - VOCA Grant)

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

(A) SCAAP Grant: The State Criminal Alien Assistance Program (SCAAP) reimburses state and local governments for the costs of incarcerating unauthorized immigrants. Board approval to apply for this grant occurred on July 12, 2016. The grant period is from October 1, 2016 to September 30, 2017.

(B) JAG Local Grant: The U.S. Department of Justice (DOJ) distributes funds every year to the Clay County Sheriffs Office's projects which will be used for technology enhancement. Board approval to apply for this grant occurred on July 12, 2016. The grant period is from October 1, 2016 to September 30, 2019.

(C) VOCA Grant: The Clay County Sheriff's Office receives funding from the Office of Attorney General (OAG) each year to support the position of a Victim's Advocate and project related expenses. The grant period is from October 1, 2016 to September 30, 2017.

Is Funding Required (Yes/No):
Yes

If Yes, Was the item budgeted (Yes/No/N/A):
No

Funding Sources:

(A) SCAAP Grant

Account # 102-102-331223	SCAAP Award	Amount (\$12,026.00)
Account # 102-4106A-516000	Personal Services - C/O	Amount \$12,026.00

(B) JAG Local Grant

Account # 102-102-331220	Justice Administration Grant	Amount (\$43,333.00)
Account # 102-4101A--549900	Expenses Other Than Salaries - C/O	Amount \$43,333.00

(C) VOCA Grant

Account # 102-102-331228	VOCA Grant	Amount (\$46,776.24)
Account # 102-4101A-516000	Personal Services - C/O	Amount \$46,776.24

Sole Source (Yes\No):
No

Advanced Payment (Yes\No):
No

ATTACHMENTS:

Description

- ▯ [CCSO Memo-Grant Requests](#)
- ▯ [Budget Resolution - CCSO SCAAP Grant](#)
- ▯ [Budget Resolution - CCSO JAG Local Grant](#)
- ▯ [Budget Resolution - CCSO VOCA Grant](#)

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Budget Office	Russ, Stephanie	Approved	12/12/2016 - 4:22 PM	
County Manager	Kopelousos, Stephanie	Approved	12/29/2016 - 11:56 AM	

**OFFICE OF THE SHERIFF
Clay County, Florida
Rick Beseler, Sheriff**

MEMORANDUM

TO: Wayne Bolla
Chairman, Board of County Commissioners

FROM: Elise M. Gann
Chief Financial Officer

DATE: December 6, 2016

RE: Grant Requests

****REQUESTED ACTION:**

- A. SCAAP Grant: Grant funds from the Department of Justice (DOJ), State Criminal Alien Assistance Program Grant (SCAAP) 2016 in the amount of \$12,026.00 to assist with inmate hospital watches.
- B. JAG Local Grant: Grant funds from the Edward Byrne Memorial Justice Assistance Grant (JAG) Program – Local Grant 2016 in the amount of \$43,433.00 to purchase software to further enhance technology at the Clay County Sheriff's Office.
- C. VOCA Grant: Grant funds from the Victims of Crime Act (VOCA) Grant through the Office of the Attorney General of Florida in the amount of \$46,776.24. Funds will be used to pay for a full time Victim Advocate and other project expenses.

BACKGROUND:

- A. SCAAP Grant: The State Criminal Alien Assistance Program (SCAPP) reimburses state and local governments for the costs of incarcerating unauthorized immigrants. Board approval to apply for this grant occurred on July 12, 2016.
- B. JAG Local Grant: The U.S. Department of Justice (DOJ) distributes funds every year to the Clay County Sheriff's Office's projects which will be used for technology enhancement. Board approval to apply for this grant occurred on July 12, 2016.
- C. VOCA Grant: The Clay County Sheriff's Office receives funding from the Office of Attorney General (OAG) each year to support the position of a Victim's Advocate and project related expenses.

AGREEMENT TERM:

- A. SCAAP - The grant period from October 1, 2016 to September 30, 2017.
- B. JAG Local – grant period from October 1, 2016 to September 30, 2019.
- C. VOCA – grant period from October 1, 2016 to September 30, 2017.

COST: NA

FUNDING SOURCE:

A. <u>SCAAP Grant:</u>			
102-102-331223	SCAAP Award		(\$12,026.00)
102-4106A-516000	Personal Services – C/O		\$12,026.00
B. <u>JAG Local Grant:</u>			
102-102-331220	Justice Administration Grant		(\$43,433.00)
102-4101A-549900	Expense O/T Salary – C/O		\$43,433.00
C. <u>VOCA Grant:</u>			
102-102-331228	VOCA Grant		(\$46,776.24)
102-4101A-516000	Personal Services – C/O		\$46,776.24

STAFF REVIEW COMMENTS: NA

ADVANCE PAYMENT REQUIRED: NA

SOLE SOURCE: NA

CLAY COUNTY
RESOLUTION # _____

WHEREAS, the following revenue from the U.S. Department of Justice (DOJ), Bureau of Justice Assistance (BJA), State Criminal Alien Assistance Program (SCAAP) was not budgeted in the fiscal year 2016/2017 budget, and

WHEREAS, Section 129.06(2)(d) of the Florida Statutes stipulates that a receipt of a nature from a source not anticipated in the budget and received for a particular purpose may, by resolution of the Board, be appropriated and expended for that purpose, and

WHEREAS, these funds are to be used by the Sheriff's Office to assist with inmate hospital watches,

THEREFORE, pursuant to Section 129.06(2)(d) of the Florida Statutes, let it be resolved that the following budget be adopted.

REVENUE

SCAAP Award	102-102-331223	\$12,026.00
-------------	----------------	-------------

EXPENDITURES

Personal Services – C/O	102-4106A-516000	\$12,026.00
-------------------------	------------------	-------------

Board of County Commissioners
Clay County, Florida

DATE

Wayne Bolla, Chairman

ATTEST:

S. C. Kopelousos, County Manager
and Clerk to the Board of County Commissioners

CLAY COUNTY
RESOLUTION # _____

WHEREAS, the following revenue from the U.S. Department of Justice (DOJ), Bureau of Justice Assistance (BJA), Justice Assistance Grant (JAG) Local Grant was not budgeted in the fiscal year 2016/2017 budget, and

WHEREAS, Section 129.06(2)(d) of the Florida Statutes stipulates that a receipt of a nature from a source not anticipated in the budget and received for a particular purpose may, by resolution of the Board, be appropriated and expended for that purpose, and

WHEREAS, these funds are to be used to purchase software to further enhance technology at the Clay County Sheriff's Office,

THEREFORE, pursuant to Section 129.06(2)(d) of the Florida Statutes, let it be resolved that the following budget be adopted.

REVENUE

Justice Administration Grant	102-102-331220	\$43,333.00
------------------------------	----------------	-------------

EXPENDITURES

Expenses Other Than Salaries – C/O	102-4101A-549900	\$43,333.00
------------------------------------	------------------	-------------

Board of County Commissioners
Clay County, Florida

DATE

Wayne Bolla, Chairman

ATTEST:

S. C. Kopelousos, County Manager
and Clerk to the Board of County Commissioners

CLAY COUNTY
RESOLUTION # _____

WHEREAS, the following revenue from the Florida Department of Legal Affairs, Office of the Attorney General (OAG), Victims of Crime Act (VOCA) was not budgeted in the fiscal year 2016/2017 budget, and

WHEREAS, Section 129.06(2)(d) of the Florida Statutes stipulates that a receipt of a nature from a source not anticipated in the budget and received for a particular purpose may, by resolution of the Board, be appropriated and expended for that purpose, and

WHEREAS, these funds are to be used by the Sheriff's Office to cover the costs of a full time Victim's Advocate and other project expenses,

THEREFORE, pursuant to Section 129.06(2)(d) of the Florida Statutes, let it be resolved that the following budget be adopted.

REVENUE

VOCA Grant	102-102-331228	\$46,776.24
------------	----------------	-------------

EXPENDITURES

Personal Services – C/O	102-4101A-516000	\$46,776.24
-------------------------	------------------	-------------

Board of County Commissioners
Clay County, Florida

DATE

Wayne Bolla, Chairman

ATTEST:

S. C. Kopelousos, County Manager
and Clerk to the Board of County Commissioners



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Finance & Audit Committee

DATE: 12/8/2016

FROM: Stephanie Russ, Budget Director

SUBJECT: Approve to transfer from the Building Fund's contingency reserves (138-9939-599100) in the amount of \$145,000.00 to cover unanticipated costs for renovations to the 3rd Floor Building Department.

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

In order to provide better customer service, the 3rd Floor Building Department is undergoing renovations. In order to cover the full cost of these renovations to the 3rd Floor, a transfer from the Building Fund contingency reserves (138-9939-599100) is being requested.

Is Funding Required (Yes/No):

Yes

If Yes, Was the item budgeted (Yes\No\N/A):

No

Funding Source:

138-1803-546100 Repairs & Maintenance 145,000.00
138-9939-599100 Reserves - Contingency (145,000.00)

Sole Source (Yes\No):

Advanced Payment (Yes\No):

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Budget Office	Russ, Stephanie	Approved	12/8/2016 - 10:35 AM	
County Manager	Kopelousos, Stephanie	Approved	12/29/2016 - 11:54 AM	



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Finance and Audit Committee

DATE: 12/6/2016

FROM: Holly R. Coyle

SUBJECT:

Review and discussion of third renewal of Agreement #13/14-100 between Clay County and the Clay County Economic Development Corporation.

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

Bill Garrison, President of the Clay County Economic Development Corporation, will discuss proposed revisions to the terms of the existing agreement.

ATTACHMENTS:

Description

- ▯ [Sole Source Document](#)
- ▯ [Agreement](#)

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Economic and Development Services	Coyle, Holly	Approved	12/13/2016 - 11:19 AM	
County Manager	Kopelousos, Stephanie	Approved	12/29/2016 - 11:56 AM	

CLAY COUNTY, FLORIDA

Sole Source Justification

Vendor: Clay County Economic Development Corporation

Commodity: Economic Development Services

Estimated annual expenditure for the above commodity or service: \$50,000.00

Initial all entries below that apply to the proposed purchase. Attach a memorandum containing complete justification and support documentation as directed in initialed entry. (more than one entry will apply to most sole source products/services requested).

1. _____ SOLE SOURCE REQUEST IS FOR THE ORIGINAL MANUFACTURER OR PROVIDER, THERE ARE NO REGIONAL DISTRIBUTORS. (Attach the manufacturer's written certification that no regional distributors exist. Item no. 4 also must be completed.)
2. _____ SOLE SOURCE REQUEST IS FOR THE ONLY STATE OF FLORIDA DISTRIBUTOR OF THE ORIGINAL MANUFACTURER OR PROVIDER. (Attach the manufacturer's — not the distributor's — written certification that identifies all regional distributors. Item no. 4 also must be completed.)
3. _____ THE PARTS/EQUIPMENT ARE NOT INTERCHANGEABLE WITH SIMILAR PARTS OF ANOTHER MANUFACTURER. (Explain in separate memorandum.)
4. _____ THIS IS THE ONLY KNOWN ITEM OR SERVICE THAT WILL MEET THE SPECIALIZED NEEDS OF THIS DEPARTMENT OR PERFORM THE INTENDED FUNCTION. (Attach memorandum with details of specialized function or application.)
5. _____ THE PARTS/EQUIPMENT ARE REQUIRED FROM THIS SOURCE TO PERMIT STANDARDIZATION. (Attach memorandum describing basis for standardization request.)
6. X _____ NONE OF THE ABOVE APPLY. A DETAILED EXPLANATION AND JUSTIFICATION FOR THIS SOLE SOURCE REQUEST IS CONTAINED IN ATTACHED MEMORANDUM.

The undersigned requests that competitive procurement be waived and that the vendor identified as the supplier of the service or material described in this sole source justification be authorized as a sole source for the service or material.

131
DEPARTMENT

1804

DIVISION

9/29/16

DATE

Hally Boyle
DEPARTMENT/DIVISION DIRECTOR

COUNTY MANAGER

(PURCHASING USE ONLY)

SOLE SOURCE AUTHORIZATION

APPROVED BY: _____ DATE: _____

DISAPPROVED BY: _____ DATE: _____

REASON: _____



Department of Economic
and Development Services

Memorandum

To: Board of County Commissioners
From: Holly Coyle, Director, Economic and Development Services
Date: September 29, 2016
Re: Economic Development Corporation Sole Source Justification

Issue: Economic Development Corporation Sole Source Justification

Background: Staff recommends utilizing the Clay County Economic Development Corporation for the provision of services related to economic development. Coordination of these efforts is supported by goals and policies outlined in the Economic Development Element of the Clay County 2025 Comprehensive Plan. Consistent with the Plan policies below, Clay County has utilized the services of the economic development agency extensively in the past to assist with the creation and expansion of new and existing businesses.

- Policy 1.1:** Clay County shall continue to support the Chamber and the Authority in conducting a coordinated economic development program.
- Policy 1.2:** Clay County shall maintain public-private partnerships through its continued support of the Chamber in an effort to provide a sufficient and stable base for business, governmental, and financial support for the County's economic development efforts.
- Policy 1.3:** Clay County shall work with the Chamber and encourage active development and implementation of programs that promote a diversified economy for Clay County through the following: attraction and retention of targeted businesses and primary industries, creation of public private partnerships, and the education of the community on the value of economic development.

Staff requests that competitive procurement be waived and that the Economic Development Corporation be authorized as a sole source for the economic development services.

Recommendation and Action: Approval.

AGREEMENT/CONTRACT REVIEW FORM		MEETING DATE BCC F+ A 11-15-16
DO NOT PLACE ITEMS ON AN AGENDA UNTIL REVIEW IS COMPLETED		
DATE:	July 13, 2016	<div style="text-align: center;"> RECEIVED JUL 25 2016 <i>Clay County Attorney's Office</i> </div>
Staff Member Preparing Form:	Holly R. Coyle	
Department Submitting Contract:	Economic and Development Services	
Vendor Name:	Clay County Economic Development Corporation	
Contract Title:	Agreement between Clay County and the Clay County Economic Development Corporation	
SUMMARY (TO BE COMPLETED BY DEPARTMENT)		
1. New Contract	Y <input checked="" type="radio"/> (N)	9. Contract Amount (*Detail negotiation efforts below) \$50,000
2. Renewal/Amend./Supplement	<input checked="" type="radio"/> (Y) N	10. Last Year's Price (*If increase explain below) \$50,000
3. Sole Source ** (explain below)	<input checked="" type="radio"/> (Y)* N	11. Date of Original Contract – May 13, 2014
4. Quotes/bid policy met	Y N/A	12. Number of Renewals – Third extension by mutual agreement of both parties.
5. Need to waive bid policy	<input checked="" type="radio"/> (Y) N	13. Length of Term – One year.
6. Automatic renewal	n/a <input checked="" type="radio"/> (N)	
7. Standard Addendum Executed	<input checked="" type="radio"/> (Y) N	Requested Action: Approval
8. Advance Payment Required	Y <input checked="" type="radio"/> (N)	
Funding Source		
Account Number: 131-1804-531000		Background/Purpose: <u>Provision of services related to economic development.</u>
Account Name: <u>Planning & Zoning - Professional Services</u>		
		<u>Advance Review FY16/17</u>

Approvals

Purchasing:	No Changes	With Changes
Review Date:		

Recommended Changes: * See note on page 1 of the Agreement.
* Is table on page 2 supposed to be blank?
* The Scrutinized Companies Certification needs to be incorporated into the Agreement.
* Complete page 10 of the Standard Addendum & the Scrutinized Companies form.

Budget:	No Changes	With Changes
Review Date:		

Finance:	No Changes	With Changes
Review Date:		

County Attorney:	No Changes	With Changes
Review Date:		

** Sole Source Explanation: _____

**IN RE: CLAY COUNTY
AGREEMENT/CONTRACT #13/14-100, THIRD RENEWAL**

The Third Renewal to Agreement No. 13/14-100 is made and entered into this ____ day of _____, 2017, by and between Clay County, a political subdivision of the State of Florida, by and through its Board of County Commissioners (the "County"), and the Clay County Economic Development Corporation (Economic Development Corporation or EDC).

WHEREAS, the County and the Economic Development Corporation desire to renew the Agreement; and,

WHEREAS, the Agreement will expire on September 30, 2016; and,

WHEREAS, the County and the Economic Development Corporation desire to reinstate and extend the terms of the Agreement.

W I T N E S S E T H:

The County and the Economic Development Corporation, for and in consideration of the mutual covenants herein made and the benefits flowing from each party to the other, do hereby agree as follows.

A. The Economic Development Corporation shall serve as the lead agency for coordination of economic development services as herein described within the boundaries of Clay County, and provide the following services:

1. Implement the Strategic Plan. The plan shall be in accordance with Exhibit J, Economic Development Element, of the 2025 Clay County Comprehensive Plan.
2. Pursue for Clay County a competitive economy that combines a variety of business and industry which will produce goods and services for export from the area or for local consumption which would otherwise be imported into the area.
3. Seek businesses that will utilize and train the local labor force as their employees and provide equitable wages and salaries.
4. Seek business and industry that will promote economic diversity while building on existing assets of the area.
5. Identify to prospective businesses the availability of job training programs through the Orange Park Campus of the St. Johns River State College, and other Clay County institutes of post-primary education.
6. Maintain an inventory of available buildings and industrial sites.
7. Maintain working relationships with Enterprise Florida, the Governor's Office with Tourism, Trade and Economic Development, the Florida First Coast Marketing Coalition, railroads, utilities and other economic development Corporations to generate potential business and industry locations for Clay County.
8. Coordinate efforts to obtain grant monies where available.
9. Support and encourage public/private partnerships to further strengthen economic development efforts.
10. Provide advice, cooperation and assistance as may be requested in developing Clay County policies and programs in the areas of economic growth, the economic development elements of the Comprehensive Plan, zoning ordinances, permitting processes and development issues.
11. Encourage expansion of existing business and industry and new business and industry in locations where existing public services and infrastructure are in place. Should appropriate locations not be

available where infrastructure is available, business and industry will be encouraged to locate in areas where future infrastructure will be developed as designated in the Public Facilities Element and Capital Improvement Program.

12. Encourage clustering of major business and industry activities to occur in areas close to arterial roads, access to utilities, port facilities, and areas that minimize impacts on the natural environment and on adjacent lands.
13. Continue programs of economic diversification and in the location of new business and industry.
14. Ensure that all records identified herein which relate to funding provided by the County shall be available for review or audit by the County Manager or his/her designee.
15. Furnish the County with quarterly written reports on economic development activities and a final written report at the end of each calendar year.

B. MEASURABLE GOALS

The following metrics will be used to gauge the success of the EDC's efforts. The benchmark for comparison will be the data existing on March 31, 2016. The EDC will provide this information to the County in the quarterly written reports required in Section A above.

	New Business Starts*	Total EDC Inquiries	County Annual Unemployment Rate*	Total Private Sector Jobs*	Average Weekly Wages*
2016					
1 st Quarter					
2 nd Quarter					
3 rd Quarter					
4 th Quarter					
2017					
1 st Quarter					
2 nd Quarter					
3 rd Quarter					
4 th Quarter					

*Data collected from the United States Department of Labor, Bureau of Labor Statistics

C. INDEPENDENT CONTRACT AND INDEMNIFICATION

The Economic Development Corporation shall act as an independent contractor and not as an employee of the County for all aspects associated with or covered by this Agreement. The Economic Development Corporation shall defend, protect, indemnify and hold harmless the County and all its principals, employees, officers, agents and servants (collectively, the Indemnitees), from and against any and all suits, claims, demands, liabilities and costs and all damages, including reasonable attorneys' fees and court costs, asserted against the Indemnitees or any of them by reason of injury to the persons or property of others.

D. AMOUNT AND USE OF FUNDING

The County shall pay an amount not to exceed \$50,000 for services (hereinafter "Services") as described in Section A of this Agreement. The Economic Development Corporation shall submit statements to the County for payment for services as described in Section A. The Economic Development Council shall submit statements to the County for payment for services rendered as described in Section A no more frequently than monthly during the term of this agreement. The last monthly payment request may be submitted no sooner than October 1, 2017 and no later than November 29, 2017. The statement shall include a detailed summary of the applicable services provided during the term of this Agreement by the Economic Development Council. In support of any statement the Economic Development Council shall

promptly submit to the County such information and supporting documentation as the County's Finance Department may reasonably request. Any other provisions of this Agreement to the contrary notwithstanding, the total amount of all payment for services rendered under this Agreement shall not exceed the funding allocation therefor in the County's budget. The provisions of this paragraph shall survive the termination or expiration of this Agreement. No payment for services rendered shall be subject to any handling fee, processing fee, surcharge or other mark-up. The County shall make all payments on all statements in accordance with the Local Government Prompt Payment Act.

E. RECORDS RETENTION. The Economic Development Corporation shall maintain all records and documents applicable to this Agreement for a minimum of three years from the date that final payment under this Agreement is received from the Economic Development Corporation, and shall be available for audit and public disclosure upon request of duly authorized persons. The Economic Development Corporation shall comply with all requirements of Chapter 119, Florida Statutes, to the extent applicable to such records and documents.

F. TERM

The initial term of this Agreement shall be October 1, 2016 through September 30, 2017. Thereafter, this Agreement may be renewed for successive terms of one year each upon execution of a renewal agreement by the parties hereto.

G. INCLUSIVE TERMS AND CONDITIONS

This Agreement contains all the terms and conditions agreed upon by the parties. No other agreements oral or otherwise regarding the subject matter of this Agreement shall be deemed to exist or to bind any of the parties hereto.

H. TERMINATION WITH OR WITHOUT CAUSE

The Agreement shall continue and remain in full force and effect until and unless either party shall give written notice to the other party of its desire to terminate this Agreement, with or without cause, on a specified time and date thereafter. Such written notice to terminate this Agreement shall be given no less than thirty (30) days prior to the date this Agreement shall be so terminated, with prompt notice in the event funds become unavailable to any party for any reason whatsoever. The County shall be the sole and final authority as to the availability of funds. In the event of such termination, the Economic Development Corporation shall be paid by the County for all services actually, timely, and faithfully rendered up to receipt of the notice of termination, and for all other services thereafter authorized in writing by the County.

I. NOTICES

Except as otherwise provided herein, any notice, acceptance, request, or approval from either party to the other party shall be in writing and sent by certified mail, return receipt requested, and shall be deemed to have been received when either deposited in a United States Postal Service mailbox or personally delivered with signed proof of delivery. The County and the Economic Development Corporation's representatives are:

County:

Clay County Board of County Commissioners
P.O. Box 1366
Green Cove Springs, FL 32043

Economic Development
Corporation:

Director
Clay County Economic Development Corporation
1845 Town Center Boulevard, Suite 110B
Fleming Island, FL 32003

A copy of any notice hereunder shall also be sent to:

Clerk of the Circuit Court
P.O. Box 698
Green Cove Springs, FL 32043

J. INVALIDITY OF PROVISIONS. If any provisions of this Agreement shall for any reason be held to be invalid or unenforceable, the invalidity or unenforceability of such provision shall not affect any of the remaining provisions of this Agreement, and this Agreement shall be enforced as if such invalid and unenforceable provision had not been contained herein.

K. THIRD PARTY BENEFICIARIES. No third party beneficiaries are intended or contemplated under this Agreement, and no third party shall be deemed to have rights or remedies arising under this Agreement against either party to this Agreement.

L. INTEGRATION. The Recitals set forth hereinabove form an integral part of this Agreement. When construing this Agreement, all resort shall be had to the Recitals to the extent necessary to give the fullest effect to the manifest intent of the parties set forth in this Agreement.

M. AGREEMENT BINDING. This Agreement shall be binding upon, and shall inure to the benefit of, the parties hereto and their respective successors and permitted assigns.

N. WAIVER. No waiver by either party of any term or condition of this Agreement will be deemed or construed as a waiver of any other term or condition, nor shall a waiver of any breach be deemed to constitute a waiver of any subsequent breach, whether of the same or of a different paragraph, subparagraph, clause, phrase, or other provision of this Agreement.

O. GOVERNING LAWS. This Agreement shall be governed and construed under and pursuant to the laws of the State of Florida, and the United States of America. Unless the parties otherwise agree, the venue of any action or proceeding brought under the provisions of this Agreement shall be Clay County, Florida.

P. Time is of the essence with respect to this Agreement and each of its terms and provisions.

Q. ATTORNEYS FEES AND COURT COSTS. In the event an attorney must be employed to enforce or interpret this Agreement, the party prevailing on the majority of its claims, or which successfully defends against a majority of the other's claims, shall be entitled to an award of reasonable attorney's fees and costs, including fees and costs incurred from the date of referral of the dispute to the prevailing party's attorney through the conclusion of litigation, arbitration, or other dispute resolution proceeding, or incurred in bankruptcy or on appeal. The provisions of this paragraph shall survive any termination of this Agreement.

R. PUBLIC ENTITY CRIME STATEMENT. In lieu of formal execution of a "Public Entity Crime Statement", the following paragraph is acknowledged by the Economic Development Corporation: "A person or affiliate who has been placed on the State of Florida convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity for a period of 36 months from the date of being placed on the convicted vendor list."

S. ATTACHMENTS. The Standard Addendum to all Contracts and Agreements and the Scrutinized Companies Certification are attached hereto and by reference its terms incorporated herein.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed for the uses and purposes herein expressed on the day and year first above-written.

**CLAY COUNTY BOARD OF
COUNTY COMMISSIONERS**

By: _____
Wayne Bolla, Chair

ATTEST:

S. C. Kopelousos
County Manager and Clerk of the
Board of County Commissioners

**CLAY COUNTY ECONOMIC
DEVELOPMENT CORPORATION, INC.**

By: _____
Chad Patrick, Chair

**STANDARD ADDENDUM TO ALL CONTRACTS
AND AGREEMENTS**
[General]

Any other provisions of the contract or agreement (the Agreement) to which this document is attached to the contrary notwithstanding, the provisions hereof take precedence over the provisions of the Agreement regardless of whether the matters addressed herein are also addressed in the Agreement, and shall be deemed an integral part of the Agreement as if set forth therein, having a force and effect of equal or superior dignity, as applicable, with the provisions thereof; provided, if provisions of the Agreement address a matter in a manner which results in a lower cost to the County than would prevail hereunder, then such provisions shall control and supersede the applicable provisions hereof. As used herein, the term "Contractor" means the vendor or other party to the Agreement providing construction, labor, materials, professional services, and/or equipment to the County thereunder; the term "County" means Clay County, a political subdivision of the State of Florida, its Board of County Commissioners, or any other name or label set forth in the Agreement identifying such entity; and the term "Parties" means the County and the Contractor together.

1. As used in this paragraph, the term "Act" means the Local Government Prompt Payment Act set forth in Part VII of Chapter 218, Florida Statutes; the term "Invoice" means a statement, invoice, bill, draw request or payment request submitted by the Contractor under the Agreement; the term "Manager" means the County Manager of the County; the term "Paying Agent" means the agent of the County to whom Invoices must be submitted if identified in the Agreement, or, if not so identified, the County's Finance Director; the term "Submittal Date" means, with respect to an Invoice, the submittal date thereof to the Paying Agent; and the term "Work" means the services rendered, or supplies, materials, equipment and the like constructed, delivered or installed under the Agreement. All payments for the Work shall be made by the County in accordance with the Act. Upon receipt of a proper Invoice, the County shall have the number of days provided in the Act in which to make payment.

(a) Promptly upon receipt of an Invoice submitted under this paragraph, the Paying Agent shall date stamp the same as received. Thereafter, the Paying Agent shall review the Invoice and may also review the Work as delivered, installed or performed to determine whether the quantity and quality of the Work is as represented in the Invoice and is as required by this Agreement. If the Paying Agent determines that the Invoice does not conform with the applicable requirements of the Agreement or this paragraph or that the Work within the scope of the Invoice has not been properly delivered, installed or performed in full accordance with the Agreement, the Paying Agent shall notify the Contractor in writing within 10 days after the improper Invoice is received that the Invoice is improper and indicate what corrective action on the part of the Contractor is needed to make the Invoice proper. The County shall pay each proper Invoice in accordance with the applicable provisions of the Act.

(b) By the submittal of an Invoice hereunder, the Contractor shall have been deemed to have warranted to the County that all Work for which payments have been previously received from the County shall be free and clear of liens, claims, security interests or other encumbrances in favor of the Contractor or any other person or entity for failure to make payment.

(c) The Parties will attempt to settle any payment dispute arising under this paragraph through consultation and a spirit of mutual cooperation. The dispute will be escalated to appropriate higher-level managers of the Parties, if necessary. If the dispute remains unresolved within 30 calendar days following the Submittal Date, then the Paying Agent shall schedule a meeting with the Manager between the Contractor's representative and the Paying Agent, to be held no later 45 calendar days following the Submittal Date, and shall provide written notice to the Contractor regarding the date,

time and place of the meeting no less than 7 calendar days prior thereto. At the meeting, the Contractor's representative and the Paying Agent shall submit to the Manager their respective positions regarding the dispute, including any testimony and documents in support thereof. The Manager shall issue a written decision resolving the dispute within 60 calendar days following the Submittal Date, and serve copies thereof on the Contractor's representative and the Paying Agent.

2. To the extent not otherwise expressly provided in the Agreement, any work or professional services subcontracted for by the Contractor for which the County has agreed to reimburse the Contractor shall not be marked-up, but shall be payable by the County only in the exact amount reasonably incurred by the Contractor. No other such subcontracted services shall be reimbursed.

3. To the extent not otherwise expressly provided in the Agreement, in the event the Agreement is for professional services, charged on a time basis, the County shall not be billed or invoiced for time spent traveling to and from the Contractor's offices or other points of dispatch of its subcontractors, employees, officers or agents in connection with the services being rendered.

4. To the extent not otherwise expressly provided in the Agreement, the County shall not be liable to reimburse the Contractor for any courier service, telephone, facsimile or postage charges incurred by the Contractor, except as follows, and then only in the exact amount incurred by the Contractor [if the space below is left blank then "NONE" is deemed to have been inserted therein]:

5. To the extent not otherwise expressly provided in the Agreement, the County shall not be liable to reimburse the Contractor for any copying expenses incurred by the Contractor except as follows, and then only at \$0.05 per page [if the space below is left blank then "NONE" is deemed to have been inserted therein]:

6. If and only if travel and per diem expenses are addressed in the Agreement in a manner which expressly provides for the County to reimburse the Contractor for the same, then the County shall reimburse the Contractor only for those travel and per diem expenses reasonably incurred and only in accordance with the provisions of Section 112.061, Florida Statutes. In the event the Contractor has need to utilize hotel accommodations or common carrier services, the County shall reimburse the Contractor for his, her or its reasonable expense incurred thereby provided prior approval of the Manager or his or her designee is obtained.

7. With respect to drawings and/or plans prepared on behalf of the County by the Contractor under the Agreement, unless specifically provided otherwise therein, complete sets of such drawings and/or plans shall be reproduced by the Contractor without cost to the County for all bidders requesting the same, and five complete sets of such drawings and/or plans shall be reproduced and delivered to the County without cost.

8. With respect to any indemnification by the County provided under the Agreement, any such indemnification shall be subject to and within the limitations set forth in Section 768.28, Florida Statutes, and to any other limitations, restrictions and prohibitions that may be provided by law, and shall not be deemed to operate as a waiver of the County's sovereign immunity.

9. In that the County is a governmental agency exempt from sales and use taxes, the County shall pay no such taxes, any other provisions of the Agreement to the contrary notwithstanding. The County shall provide proof of its exempt status upon reasonable request.

10. Any pre-printed provisions of the Agreement to the contrary notwithstanding, the same shall not automatically renew but shall be renewed only upon subsequent agreement of the Parties.

11. The Contractor acknowledges that in the budget for each fiscal year of the County during which the term of the Agreement is in effect a limited amount of funds are appropriated which are available to make payments arising under the Agreement. Any other provisions of the Agreement to the contrary notwithstanding, and pursuant to the provisions of Section 129.07, Florida Statutes, the maximum payment that the County is obligated to make under the Agreement from the budget of any fiscal year shall not exceed the appropriation for said fiscal year.

12. PUBLIC RECORDS LAW: The Contractor acknowledges the County's obligation under Art. 1, Section 24, Florida Constitution, and Chapter 119, Florida Statutes, as from time to time amended (together, the Public Records Laws), to release public records to members of the public upon request. The Contractor acknowledges that the County is required to comply with the Public Records Laws in the handling of the materials created under the Agreement and that the Public Records Laws control over any contrary terms in the Agreement. In accordance with the requirements of Section 119.0701, Florida Statutes, the Contractor covenants to comply with the Public Records Laws, and in particular to:

(a) Keep and maintain public records required by the County to perform the services required under the Agreement;

(b) Upon request from the County's custodian of public records, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law;

(c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and following completion of the Agreement if the Contractor does not transfer the records to the County; and,

(d) Upon completion of the Agreement, transfer, at no cost, to the County all public records in possession of the Contractor or keep and maintain public records required by the County to perform the services. If the Contractor transfers all public records to the County upon completion of the Agreement, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the Agreement, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the County, upon request from the County's custodian of public records, in a format that is compatible with the information technology systems of the County.

13. The Contractor's failure to comply with the requirements of paragraph 12 shall be deemed a material breach of the Agreement, for which the County may terminate the Agreement immediately upon written notice to the Contractor.

14. The Contractor acknowledges the provisions of Section 119.0701(3)(a), Florida Statutes, which, as applicable to the County and the Contractor, require as follows:

(a) A request to inspect or copy public records relating to the Agreement must be made directly to the County. If the County does not possess the requested records, the County shall immediately notify the Contractor of the request, and the Contractor must provide the records to the County or allow the records to be inspected or copied within a reasonable time.

(b) If the Contractor does not comply with the County's request for records, the County shall enforce the contract provisions in accordance with the Agreement.

(c) If the Contractor fails to provide the public records to the County within a reasonable time, the Contractor may be subject to penalties under Section 119.10, Florida Statutes.

15. IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THE AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (904) 269-6352, Ann.Mitchell@claycountygov.com, POST OFFICE BOX 1366, GREEN COVE SPRINGS, FLORIDA 32043.

16. As used in this paragraph, the term "Statute" means Section 287.135, Florida Statutes; the term "Certification" means a certification submitted by the Contractor under subsection (5) of the Statute in connection with submitting a bid or proposal for the Agreement or entering into or renewing the Agreement; and the term "Qualified Contract" means a contract with the County for goods or services of \$1 million or more.

(a) If the Agreement is a Qualified Contract entered into or renewed on or before September 30, 2016, then the County shall have the option of terminating the Agreement if the Contractor:

- (i) is found to have submitted a false Certification;
- (ii) has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; or,
- (iii) has been engaged in business operations in Cuba or Syria as defined in subsection (1) of the Statute.

(b) If the Agreement is a Qualified Contract entered into or renewed on or after October 1, 2016, then the County shall have the option of terminating the Agreement if the Contractor:

- (i) is found to have submitted a false Certification;
- (ii) has been placed on the Scrutinized Companies that Boycott Israel List as referred to in subsection (2) of the Statute, or is engaged in a boycott of Israel as defined in subsection (1) of the Statute;
- (iii) has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; or,
- (iv) has been engaged in business operations in Cuba or Syria as defined in subsection (1) of the Statute.

[The remainder of this page is intentionally blank.]

ATTEST FOR CLAY COUNTY:

S. C. Kopelousos, County Manager and Clerk of
the Board of County Commissioners

(Corporate Seal)

County:

Clay County, a political subdivision of the State
of Florida, by its Board of County
Commissioners

By: _____
Wayne Bolla
Its Chairman

Contractor Name:

Clay County Economic Development Corporation

By: _____
Chad Patrick
Its Chairman

Scrutinized Companies Certification

[Clay County: Interlocal Agreement for the Provision of Economic Development Services
INSERT PROJECT NAME]

Name of Company:¹ Clay County Economic Development Corporation

In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.

Insert Name of Company:

Clay County Economic Development
Corporation

(Seal)

By: _____
Chad Patrick
Its Chairman

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Finance and Audit Committee

DATE: 12/21/2016

FROM: Karen Thomas, Administrative &
Contractual Services

SUBJECT:

Approval to post notice of intent and award Bid #15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks to lowest responsive and responsible bidder Armstrong Fence Company in the amount of \$42,830.00. Approval will be effective after 72 hour bid protest period has expired assuming no protest are received. Funding Source: 001-3201-546100 (General Fund / Parks & Rec. Admin. / Repairs and Maintenance)

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

This bid provides needed fence repairs at eight (8) parks in Clay County.

Is Funding Required (Yes/No):

Yes

If Yes, Was the item budgeted (Yes/No/N/A):

Yes

Funding Source: General Fund / Parks & Rec. Admin. / Repairs and Maintenance
Account # 001-3201-546100 Amount - \$42,830.00

Sole Source (Yes/No):

No

Advanced Payment (Yes/No):

No

ATTACHMENTS:

Description

- ▯ [memo, price sheets](#)
- ▯ [fence specs](#)
- ▯ [Comparison sheet](#)
- ▯ [Bid Invitation](#)
- ▯ [Armstrong submittal](#)
- ▯ [George Coyle submittal](#)
- ▯ [Charles White submittal](#)
- ▯ [Commercial Fence submittal](#)

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Administrative and Contractual Services	Thomas, Karen	Approved	12/27/2016 - 9:55 AM	

County
Manager

Kopelousos, Stephanie Approved

12/29/2016 - 11:54 AM

BID RECOMMENDATION

Bid #15/16-30

Galvanized Chain Link Fence Repairs at Various Clay County Parks

BIDDERS	BOND	BASE BID	ALT 1	ALT 2	ALT 3
ARMSTRONG FENCE CO	✓	\$ 42,830			
George P. Coyle & Sons	✓	\$ 69,521			
Charles White Fence	✓	\$ 47,122			
Commercial Fence Cont.	✓	\$ 69,753.79			

Staff Assigned to Tabulate Bids and Make Recommendations:

NAME	TITLE
Jama Householder	Facility Manager

RECOMMENDATION:

Recommend that the bid be awarded to Armstrong Fence Co. on the basis of lowest bid and previous work performance for the County.

If only one bid is received, state reason why accepted and not re-bidding:

BID TABULATION FORM

Bid : 15/16-30

Date: October 4, 2016

Proj: Galvanized Chain Link Fence Repairs at Various Clay County Parks

Time Open: 1:00

Ad: Clay Today, September 8, 2016

Time Close: 1:10

This is a generic Bid Tabulation Form; all required bid documents will be verified prior to bid recommendation.

Bids to be evaluated based on evaluation criteria established in bid document

	Bidder	Copies	Bid Bond	Bond Check	W9	Insurance	Total
1	Armstrong Fence Co.	✓	✓		✓	✓	42,830.00
2	George P Coyle & Sons Inc.	✓	✓		✓	✓	69,521.00
3	Charles White Fence Inc.	✓		2356.10	✓	✓	47,122.00
4	Commercial Fence Contr. Inc.	✓	✓		✓	✓	69,753.79
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

Staff Assigned to tabulate bids and make recommendations:

James Hausholder
Name

Facilities Operations Director
Title

Recommendations: Staff will review the bids and present a recommendation to the Finance Committee for subsequent recommendation to the Board. Bids to be evaluated based on evaluation criteria established in bid document.

Bid Opening Witnessed By: Donna Fish
(BCC)

Patricia Stutz
Clerk
James Hausholder
Department Representative

PRICE SHEET: BID NO.15/16-30, GALVANIZED CHAIN LINK FENCE REPAIRS

Location Cost per Specifications:

1) Pier Station Park	\$ <u>2113.00</u>
2) Omega Park:	\$ <u>8618.50</u>
a. Backstop Field 5	\$ <u>4528.25</u>
b. Outfield Field 1	\$ <u>4090.25</u>
3) Hunter Douglas Park	\$ <u>6103.00</u>
4) Greenwood Park	\$ <u>1947.00</u>
5) Walter Odum Park	\$ <u>4029.00</u>
6) P.C. Armstrong Park – Field #2 (Backfield)	\$ <u>5899.25</u>
7) Eagle Harbor Soccer Complex	\$ <u>3708.00</u>
8) Thunderbolt Park	\$ <u>10,412.25</u>
Total Cost Per Specifications (Items 1 – 8):	\$ <u>42,830.00</u>
Total Bid Written in Words:	<u>Forty Two Thousand Eight Hundred</u> <u>Thirty Dollars</u>

(Bid based on above total) Proposals require a five (5%) percent bid bond and may not be withdrawn after the scheduled opening time for a period of thirty (30) days.

The County reserves the right to select all or part of the projects quoted above as funding allows.

COMPANY NAME: Armstrong Fence Co.

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

CORPORATE DETAILS:

(Failure to complete all fields may result in your bid being rejected as non-responsive).

COMPANY NAME: Armstrong Fence Co.

ADDRESS: 3226 Talleyrand Ave
Jacksonville FL 32206

TELEPHONE: 904-356-2333

FAX #: 904-356-2332

E-MAIL: methridge@armstrong-fence.com

Name of Person submitting Bid: Michael Ethridge

Title: Senior Industrial Estimator

Signature: Michael Ethridge

Date: 10-3-16

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

PRICE SHEET: BID NO.15/16-30, GALVANIZED CHAIN LINK FENCE REPAIRS

Location Cost per Specifications:

- | | | |
|---|----------|------------|
| 1) Pier Station Park | | \$ 2095.00 |
| 2) Omega Park: | | \$ 3699.00 |
| a. Backstop Field 5 | 8,693.00 | \$ 2497.00 |
| b. Outfield Field 1 | | \$ 2497.00 |
| 3) Hunter Douglas Park | | \$ 6775.00 |
| 4) Greenwood Park | | \$ 2399.00 |
| 5) Walter Odum Park | | \$ 3695.00 |
| 6) P.C. Armstrong Park – Field #2 (Backfield) | | \$ 6285.00 |
| 7) Eagle Harbor Soccer Complex | | \$ 7186.00 |
| 8) Thunderbolt Park | | \$ 9994.00 |

Total Cost Per Specifications (Items 1 – 8): \$ 47,122.00 ✓

Total Bid Written in Words: forty seven thousand one hundred twenty two & 00/100

(Bid based on above total) Proposals require a five (5%) percent bid bond and may not be withdrawn after the scheduled opening time for a period of thirty (30) days.

The County reserves the right to select all or part of the projects quoted above as funding allows.

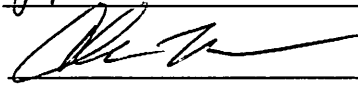
COMPANY NAME: Charles White Fence Inc.

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

CORPORATE DETAILS:

(Failure to complete all fields may result in your bid being rejected as non-responsive).

COMPANY NAME: CHARLES WHITE FENCE FACI
ADDRESS: 16828 N.E. JACKSONVILLE ROAD
OCALA FL 34479

TELEPHONE: 352-369-9592
FAX #: 352-369-8900
E-MAIL: CWHITE FENCE (A) HOTMAIL.COM
Name of Person submitting Bid: CHARLES WHITE
Title: PRESIDENT
Signature: 
Date: 10-2-16

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. ✓ Date: 9-28-16 Acknowledged by: CHARLES WHITE

Addendum No. Date: Acknowledged by:

Addendum No. Date: Acknowledged by:

PRICE SHEET: BID NO.15/16-30, GALVANIZED CHAIN LINK FENCE REPAIRS

Location Cost per Specifications:

- | | | |
|---|----|-----------------------------|
| 1) Pier Station Park | \$ | <u>4,166.16</u> |
| 2) Omega Park: | \$ | <u> </u> |
| a. Backstop Field 5 | \$ | <u>4,682.92</u> |
| b. Outfield Field 1 | \$ | <u>8,651.34</u> |
| 3) Hunter Douglas Park | \$ | <u>8,586.52</u> |
| 4) Greenwood Park | \$ | <u>4,365.88</u> |
| 5) Walter Odum Park | \$ | <u>6,455.68</u> |
| 6) P.C. Armstrong Park – Field #2 (Backfield) | \$ | <u>9,191.49</u> |
| 7) Eagle Harbor Soccer Complex | \$ | <u>9,824.62</u> |
| 8) Thunderbolt Park | \$ | <u>13,829.19</u> |

Total Cost Per Specifications (Items 1 – 8): \$ 69,753.79 ✓

Total Bid Written in Words: SIXTY NINE THOUSAND SEVEN HUNDRED FIFTY THREE DOLLARS AND SEVENTY NINE CENTS.

(Bid based on above total) Proposals require a five (5%) percent bid bond and may not be withdrawn after the scheduled opening time for a period of thirty (30) days.

The County reserves the right to select all or part of the projects quoted above as funding allows.

COMPANY NAME: COMMERCIAL FENCE CONTRACTORS, INC.

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

CORPORATE DETAILS:

(Failure to complete all fields may result in your bid being rejected as non-responsive).

COMPANY NAME: COMMERCIAL FENCE CONTRACTORS, INC.

ADDRESS: 1610 N. GOLDENROD RD
ORLANDO, FL. 32807

TELEPHONE: (352) 427-8357

FAX #: (407) 264-6830

E-MAIL: COMM FENCE 3@LIVE.COM

Name of Person submitting Bid: MIKE SURICK

Title: PROJECT MANAGER

Signature: 

Date: 9/29/16

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

PRICE SHEET: BID NO.15/16-30, GALVANIZED CHAIN LINK FENCE REPAIRS

Location Cost per Specifications:

- | | |
|---|---------------------|
| 1) Pier Station Park | \$ <u>3,995.00</u> |
| 2) Omega Park: | \$ <u>15,405.00</u> |
| a. Backstop Field 5 | \$ <u>7,167.00</u> |
| b. Outfield Field 1 | \$ <u>9,108.00</u> |
| 3) Hunter Douglas Park | \$ <u>9,670.00</u> |
| 4) Greenwood Park | \$ <u>3,578.00</u> |
| 5) Walter Odum Park | \$ <u>5,812.00</u> |
| 6) P.C. Armstrong Park – Field #2 (Backfield) | \$ <u>9,251.00</u> |
| 7) Eagle Harbor Soccer Complex | \$ <u>10,095.00</u> |
| 8) Thunderbolt Park | \$ <u>14,484.00</u> |

Total Cost Per Specifications (Items 1 – 8): \$ 69,521.00

Total Bid Written in Words: sixty-nine thousand, five hundred
twenty-one and 00/100 dollars

(Bid based on above total) Proposals require a five (5%) percent bid bond and may not be withdrawn after the scheduled opening time for a period of thirty (30) days.

The County reserves the right to select all or part of the projects quoted above as funding allows.

COMPANY NAME: George P. Coyle & Sons Inc.

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

CORPORATE DETAILS:

(Failure to complete all fields may result in your bid being rejected as non-responsive).

COMPANY NAME: George P. Coyle & Sons Inc.

ADDRESS: P.O. Box 2267

Jacksonville, FL 32203

TELEPHONE: 904-356-4821

FAX #: 904-355-4252

E-MAIL: gcoyle@coyle-and-sons.com

Name of Person submitting Bid: J. Garrett Coyle

Title: President

Signature: 

Date: 4-30-16

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks
(As provided by Parks and Recreation)

PROJECT DETAILS:

Clay County Division of Parks and Recreation is soliciting sealed bids for providing fence repairs on chain link fencing and/or backstops at 8 parks located throughout Clay County. The work shall include repairing and/or replacement of damaged gates, posts, fencing fabric, tension wires, top rails, and bottom rails. Work includes removal and disposal of all debris and construction materials. A project location map identifying each park that requires work has been provided in the Bid Package.

The attached drawings represent the diagrams of the work intended at each project site which have been detailed with the determination on whether the area is to be repaired or replaced. Please note that not all areas shown on the location map requires repairs made.

Work shall be completed by March 30, 2017. If an extension is required, it must be requested and approved in writing. Note that some ball field fence projects will need to be completed with regard to athletic association schedules.

Contractor for the project guarantees all materials and workmanship to be free of defects for a period of one (1) year from the date of acceptance by the County.

MINIMUM PRODUCT STANDARDS:

Attached drawings provide detailed information on requirements/standards for posts, fencing fabric, tension wires, and all rails. The contractor shall repair all damaged fences and gates with new materials. Contractor shall grade areas around gates as necessary to provide a level area for gates to open and close freely. Gates shall be adjusted to lock in place as designed and fully operational. Items that cannot be repaired to an as new condition shall be replaced with new similar materials.

AWARD:

The Bid will be awarded to the responsible Bidder(s) submitting a Bid determined to provide the best value to the County with price, technical, and other applicable factors considered. The county shall also consider, but shall not be limited to, in addition to price the following:

- The ability, capacity and skill of the vendor to perform under the terms of the documents
- Whether the vendor can provide the materials or service promptly, or within the time specified, without delay or interference
- The quality of the material being provided
- The availability of the material as required

The County reserves the right to select all or part of the projects quoted as funding allows.

SPECIFICATIONS FOR 4' CHAIN LINK FENCING

Wire to be 4' Knuckle & Knuckle 9 Gauge; Hot Dipped Galvanized.

2 ½" End Post; Hot Dipped Galvanized Sch. 40.

2 ½" Gate Post; Hot Dipped Galvanized Sch. 40.

2" Line Post; Hot Dipped Galvanized Sch. 40.

Bottom Tension Wire; 7 Gauge.

Top Rail; 1 5/8"; SS 20.

All Fasteners to be Hot Dipped Galvanized Steel.

All Post not to exceed 10' apart.

To be installed to manufacturer's specifications.

SPECIFICATIONS FOR 6' CHAIN LINK FENCING

Wire 6' Knuckle & Knuckle 9 Gauge; Hot Dipped Galvanized.

3" End Post; Hot Dipped Galvanized; Schedule 40 Pipe.

3" Gate Post; Hot Dipped Galvanized; Schedule 40 Pipe.

Gate Latch Post 2 ½" Hot Dipped Galvanized.

9 Gauge Aluminum Ties.

2" Line Post; Hot Dipped Galvanized; Schedule 40 Pipe.

Bottom Tension Wire; 7 Gauge.

Top Rail; 1 5/8"; SS 20.

All Fasteners to be Steel; Hot Dipped Galvanized.

All Post not to exceed 10' apart.

All Material to be installed to manufacturer's specifications.

SPECIFICATIONS FOR 8' CHAIN LINK FENCING

Wire to be 8' Knuckle & Knuckle 9 Gauge; Hot Dipped Galvanized.

3 'End Post; Schedule 40; Hot Dipped Galvanized Pipe.

4" Gate Post; Schedule 40; Hot Dipped Galvanized Pipe.

2 ½ Line Post; Schedule 40; Hot Dipped Galvanized Pipe.

Bottom Tension Wire; 7 Gauge.

Top Rail; 1 5/8"; SS 20.

All Fasteners to be Steel; Hot Dipped Galvanized.

Post not to exceed 10' apart.

SS 20 Middle Rail.

All Wire to be on the Playing Field Side.

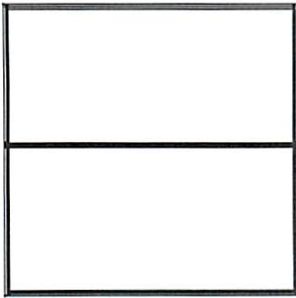
All Material to be installed to manufacturer's specifications.

SPECIFICATIONS FOR ALL GATES

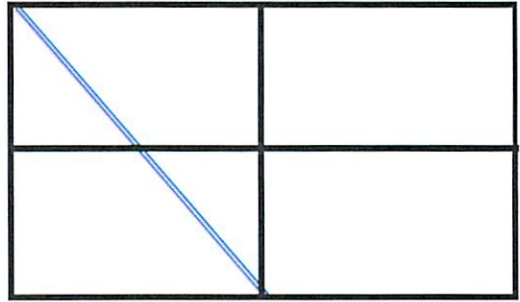
SS 20 Frames; 1 5/8" Pipe; Hot Dipped Galvanized Welded.

All Wire Knuckle & Knuckle 9 Gauge; Hot Dipped Galvanized.

All Fasteners to be Steel; Hot Dipped Galvanized.



4' Gate



12' Gate x 6

4'x6' Gates

3" Schedule 40 Pipe for Hinge Side

2 1/2" Pipe for Latch

4" Schedule 40 Pipe for Hinge Side

3" Schedule 40 Pipe for Latch Side

Clay County Park Listing for Fence Repair

Pier Station Park

4160 Pier Station Road
Green Cove Springs 32043

Omega Park

4317 County Road 218
Middleburg 32068

Hunter-Douglas Park

4393 Longmire Road
Middleburg 32068

Greenwood Park

245 Evergreen Lane
Middleburg 32068

Walter Odum Park

450 Parkwood Drive
Orange Park 32073

Paul C. Armstrong Park

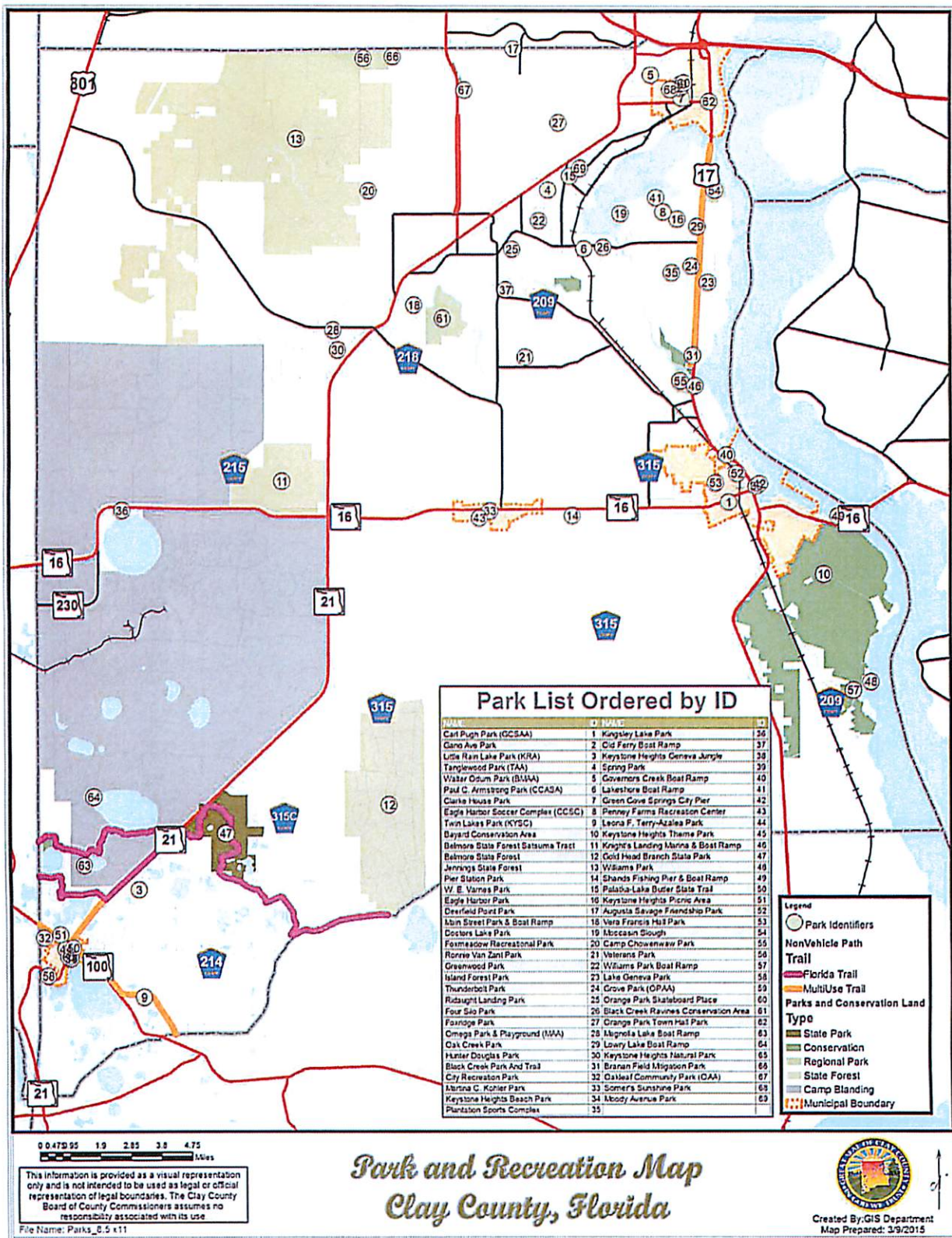
2445 County Road 220
Middleburg 32068

Eagle Harbor Soccer Complex

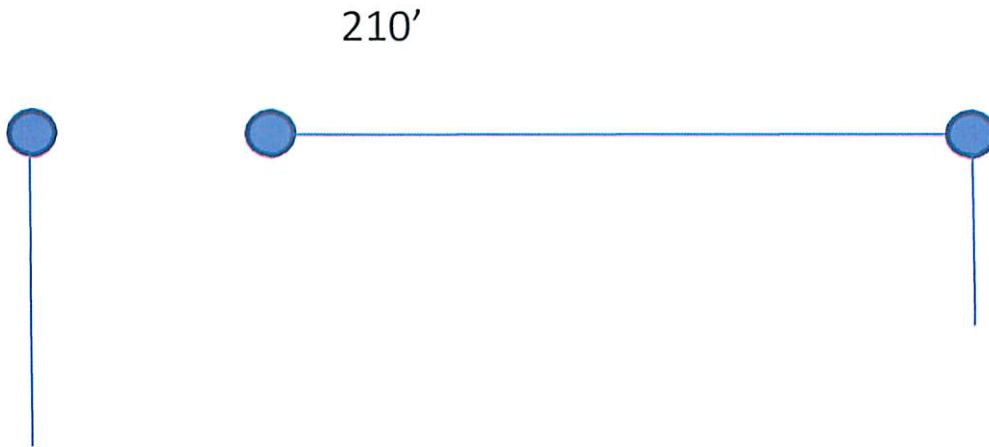
4387 Lakeshore Drive
Fleming Island 32003

Thunderbolt Park

5700 Highway 17
Fleming Island 32003



PIER STATION PARK



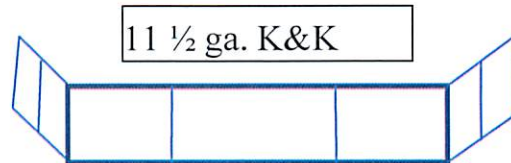
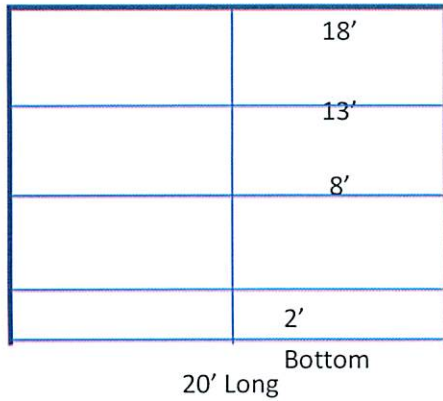
Remove and replace approximately 210' of 4' fence.

New fence to be installed to specifications provided.

OMEGA FIELD #5 BACKSTOP – WINGS (2 EACH) 18’ H X 20” L

Add 5 each SS20 Rails: 1 bottom, 1 at 2’, 1 at 8’, 1 at 13’, and 1 at 18’

Bottom wire 6 ga. K&K 8’, Top 10’ 9 ga. K&K



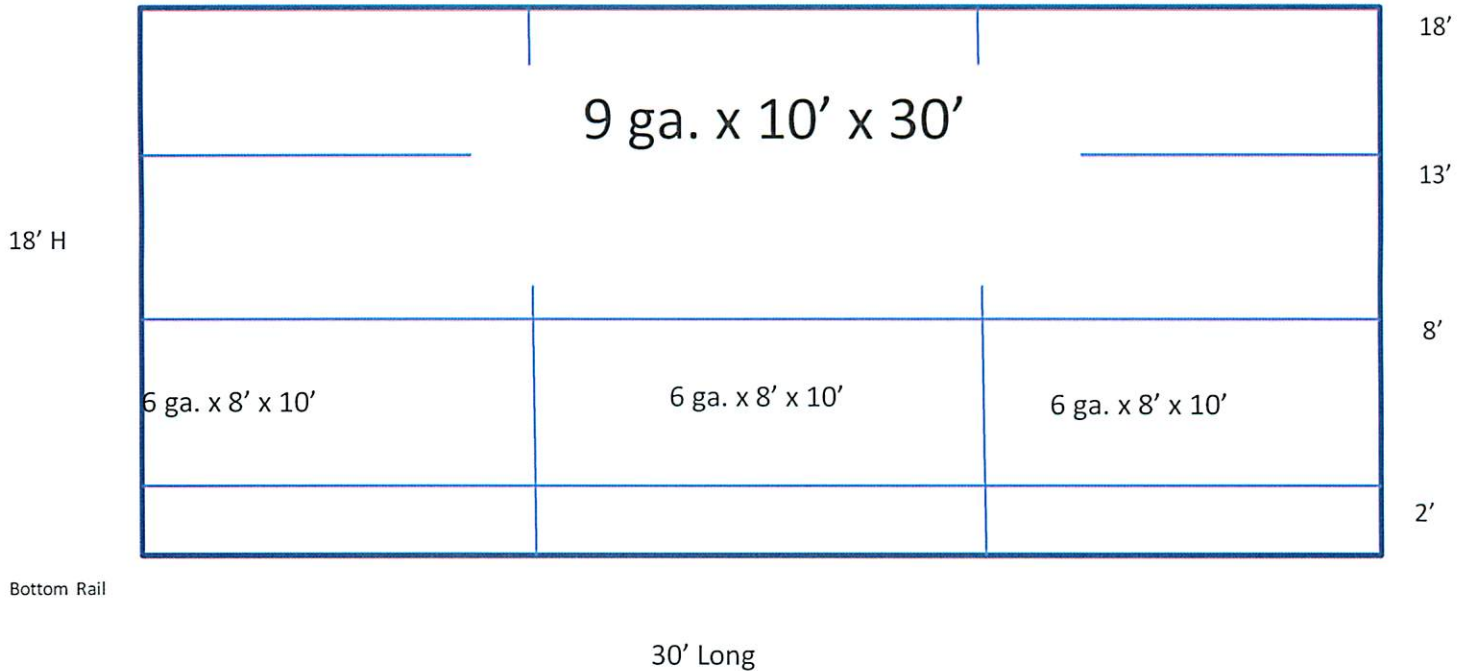
OMEGA BACKSTOP CENTER 18’ H 30’ LONG

3 each Sections 8’x10’ 6 ga. K&K bottom.

Rails SS 20 1-5/8”: 1 bottom, 1 at 2’, 1 at 8’, 1 at 13’, 1 at 18’.

Top 10’ x 30’ 1 piece 9 ga.

Leave vertical posts – do not replace.



OMEGA PARK continued

336'



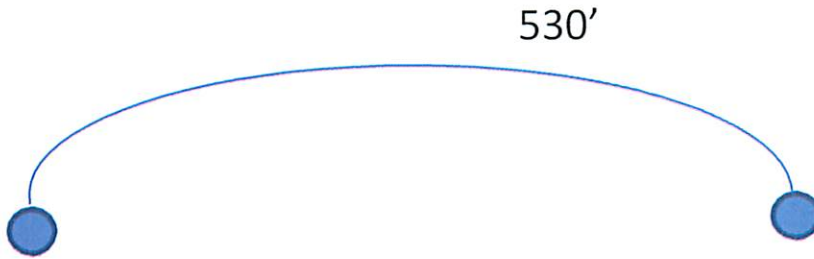
Remove and replace approximately 336' of 8' outfield fence.

Top rail, middle rail and bottom tension wire.

All Rails – 1 5/8" SS20.

Install new fence, top rail, middle rail, and bottom tension wire to specifications provided.

HUNTER-DOUGLAS
PARK



Remove and replace approximately 530' of 6' outfield fence.

Remove and replace 1 each 6' x 12' gate.

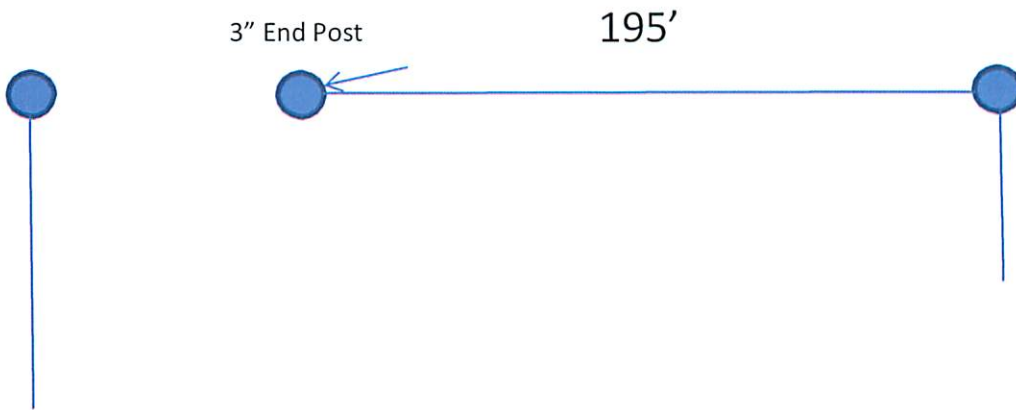
Install new gate to provided specifications.

Bottom wire 7 Gauge

Top Rail – 1 5/8 SS20

Install new wire to provided specifications.

GREENWOOD PARK – REAR FENCE



Remove and replace approximately 195' of 6' fencing.

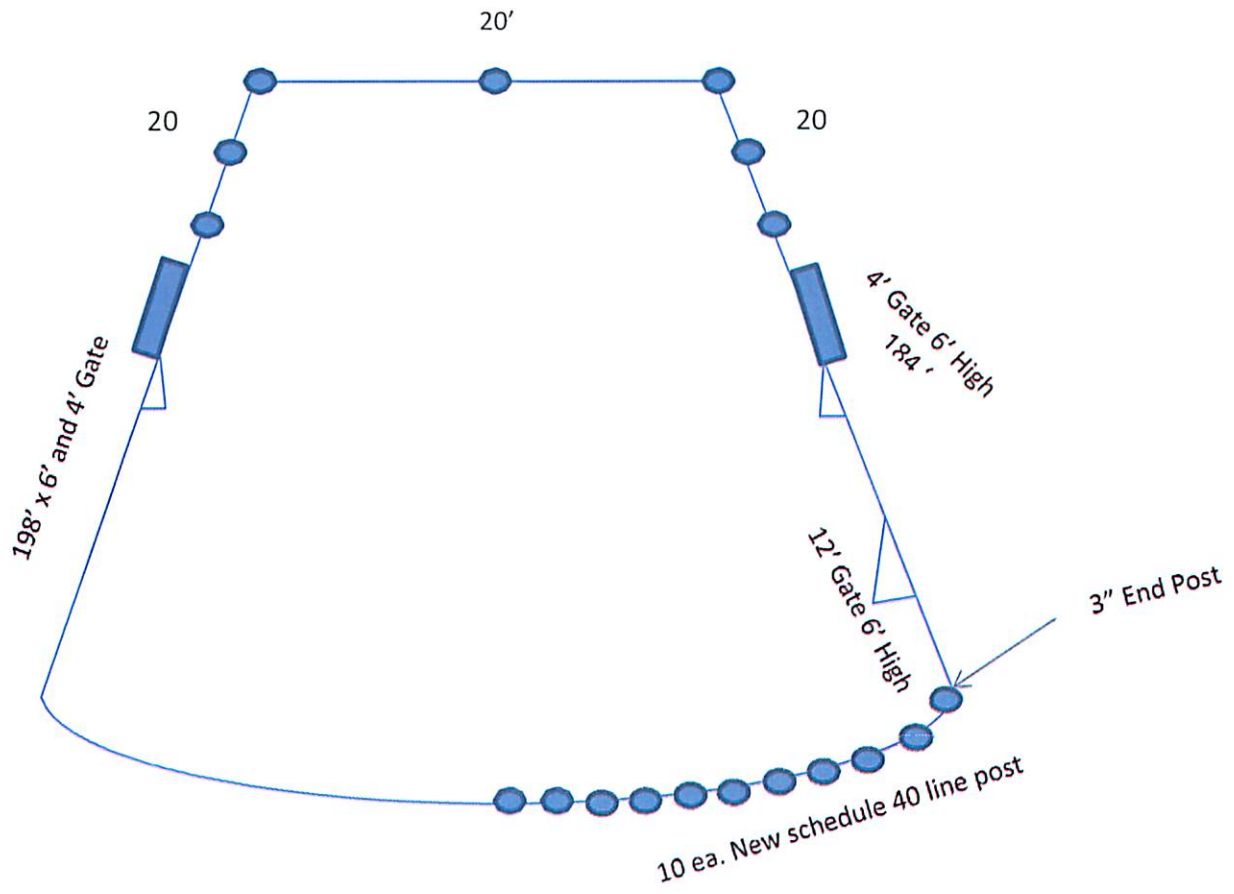
Leave 4' opening in southwest corner.

Bottom tension wire – 7 gauge.

Top Rail - 1 5/8" SS20

Install new fence to provided specifications.

WALTER ODUM



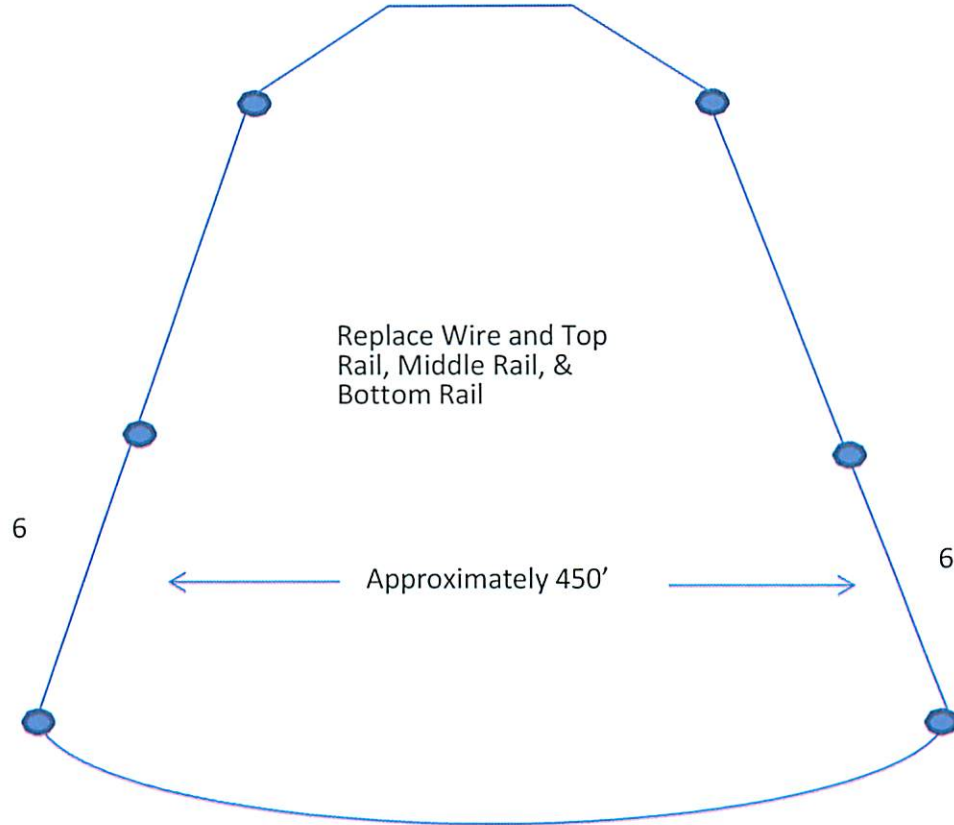
Replace wire on outfield fence 6' high 9 gauge with bottom tension wire with 1 5/8" Top Rail SS 20.

Do not install gates.

Replace all tubing with 2" Sch. 40 Pipe.

Install new wire to provided specifications.

PAUL C. ARMSTRONG PARK – MIDDLE FIELD



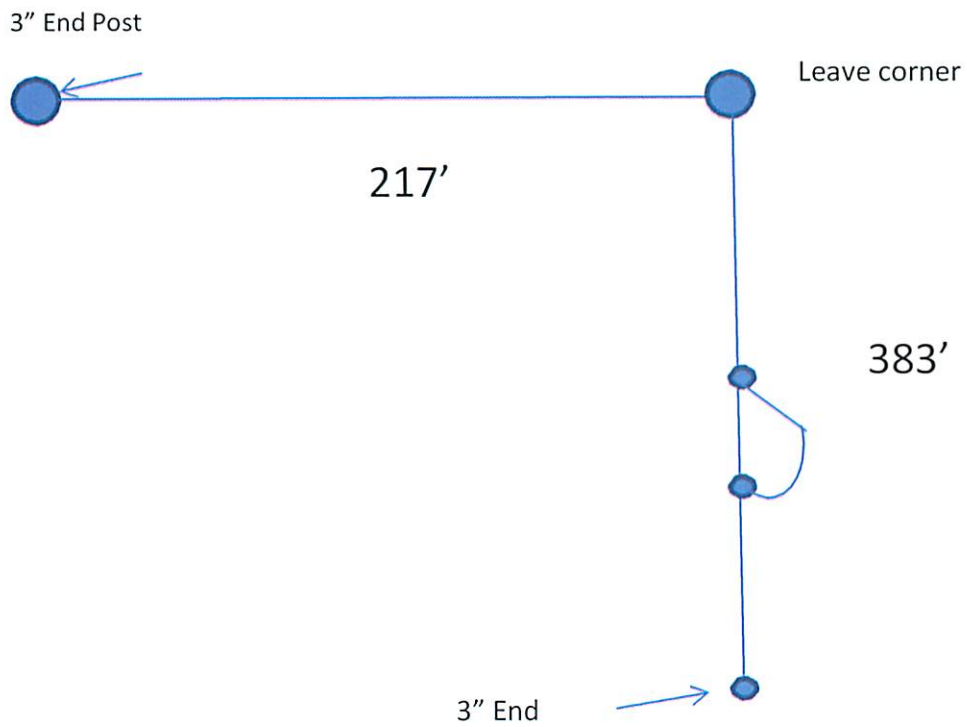
Remove and replace approximately 6' fence from dugout to outfield fence – 1st and 3rd base side.

Leave the gate on the 3rd base side of outfield.

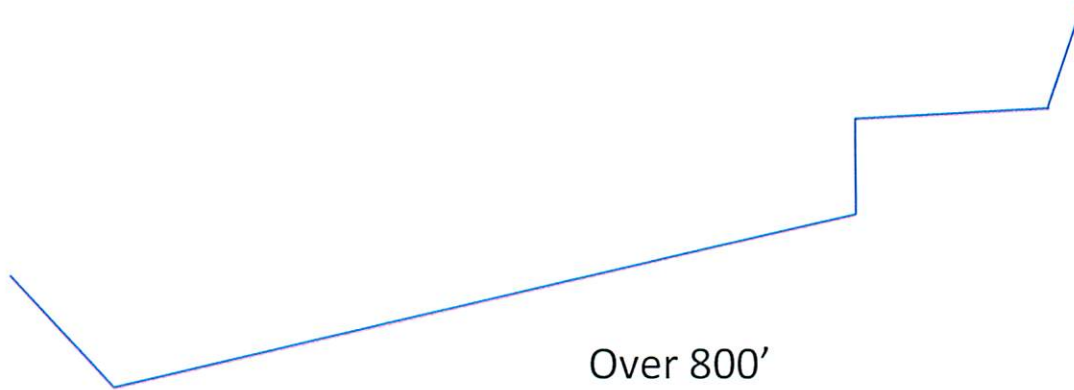
Install new wire to provided specifications.

EAGLE HARBOR

Remove and replace 600' of 6' fence to specifications provided.



THUNDERBOLT PARK



Remove and replace approximately 800' of 6' fence on parking lot side from east to west.

Replace one 6' x 12' gate.

Rewire all gates. All wire K&K.

Wire to be installed on playing field side.

Bottom tension wire.

Top Rail SS20.

Install to provided specifications.

COMPARISON SHEET - BID #15/16-30, GALVANIZED CHAIN LINK FENCE REPAIRS

		Armstrong	Charles White	Commercial Fence	George P Coyle
Bid Item	Locations				
1	Pier Station Park	\$ 2,113.00	\$ 2,095.00	\$ 4,166.16	\$ 3,995.00
2	Omega Park	\$ 8,618.50	\$ 8,693.00	\$ 13,334.26	\$ 15,465.00
3	Hunter Douglas Park	\$ 6,103.00	\$ 6,775.00	\$ 8,586.52	\$ 9,670.00
4	Greenwood Park	\$ 1,947.00	\$ 2,399.00	\$ 4,365.88	\$ 3,598.00
5	Walter Odum Park	\$ 4,029.00	\$ 3,695.00	\$ 6,455.68	\$ 5,812.00
6	P.C. Armstrong Park	\$ 5,899.25	\$ 6,285.00	\$ 9,191.49	\$ 9,251.00
7	Eagle Harbor Soccer Complex	\$ 3,708.00	\$ 7,186.00	\$ 9,824.62	\$ 10,095.00
8	Thunderbolt Park	\$ 10,412.25	\$ 9,994.00	\$ 13,829.19	\$ 14,484.00
	Total Cost:	\$ 42,830.00	\$ 47,122.00	\$ 69,753.79	\$ 72,370.00

*

* George P. Coyle & Sons, Inc. items do not add up correctly. Staff contacted vendor which stated that their total cost (\$69,521.00) included a discount applied to each project/location if all work was awarded and contracted at the same time.

Bid Invitations Sent to the Following Companies for:
Bid #15/16-30, Galvanized Chain Link Fence Repairs
at Various Clay County Parks

Affordable Fence Center, LLC
Coastal Fence Company
Specialty Fence Company
Sandee Sod, Inc.
George P. Coyle & Sons, Inc.
Custom Fence Creations, Inc.
R N G Construction, Inc.
East Coast Fence & Guardrail
Lowman Fence
Community Training Works
Country Boy Fence Company, Inc.
Armstrong Fence Company
T Fenceman, Inc.
Clemons Field Services, Inc.
Hill's Fencing, Inc.
Charles White Fence
Jax Fence Depot
Affordable Fence Center, LLC
Commercial Fence Contractors, Inc.
Orange Park Fence Company
Middleburg Fence Company

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

CORPORATE DETAILS:

(Failure to complete all fields may result in your bid being rejected as non-responsive).

COMPANY NAME: Armstrong Fence Co.

ADDRESS: 3226 Talleyrand Ave
Jacksonville FL 32206

TELEPHONE: 904-356-2333

FAX #: 904-356-2332

E-MAIL: methridge@armstrong-fence.com

Name of Person submitting Bid: Michael Ethridge

Title: Senior Industrial Estimator

Signature: Michael Ethridge

Date: 10-3-16

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

PRICE SHEET: BID NO.15/16-30, GALVANIZED CHAIN LINK FENCE REPAIRS

Location Cost per Specifications:

1) Pier Station Park	\$ <u>2113.00</u>
2) Omega Park:	\$ <u>8618.50</u>
a. Backstop Field 5	\$ <u>4528.25</u>
b. Outfield Field 1	\$ <u>4090.25</u>
3) Hunter Douglas Park	\$ <u>6103.00</u>
4) Greenwood Park	\$ <u>1947.00</u>
5) Walter Odum Park	\$ <u>4029.00</u>
6) P.C. Armstrong Park – Field #2 (Backfield)	\$ <u>5899.25</u>
7) Eagle Harbor Soccer Complex	\$ <u>3708.00</u>
8) Thunderbolt Park	\$ <u>10,412.25</u>
Total Cost Per Specifications (Items 1 – 8):	\$ <u>42,830.00</u>
Total Bid Written in Words:	<u>Forty Two Thousand Eight Hundred</u> <u>Thirty Dollars</u>

(Bid based on above total) Proposals require a five (5%) percent bid bond and may not be withdrawn after the scheduled opening time for a period of thirty (30) days.

The County reserves the right to select all or part of the projects quoted above as funding allows.

COMPANY NAME: Armstrong Fence Co.

Bond No. N/A

BID BOND

The American Institute of Architects,
AIA Document No. A310 (February, 1970 Edition)

KNOW ALL MEN BY THESE PRESENTS, that we Armstrong Fence Company
3226 Talleyrand Avenue Jacksonville FL 32206

as Principal hereinafter called the Principal, and Old Republic Surety Company
a corporation duly organized under the laws of the state of Wisconsin as Surety, hereinafter called the Surety,
are held and firmly bound unto Board of County Commissioners Clay County Florida

as Obligee, hereinafter called the Obligee, in the sum of Five Percent of Bid

Dollars (\$ 5% of Bid), for the payment of which sum well and truly to be made, the said Principal and the
said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly
by these presents.

WHEREAS, the Principal has submitted a bid for Clay County board of County commissioners
477 Houston Street Green Cove Springs FL 32043

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract
with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the
bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for
the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the
Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference
not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the
Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation
shall be null and void, otherwise to remain in full force and effect.

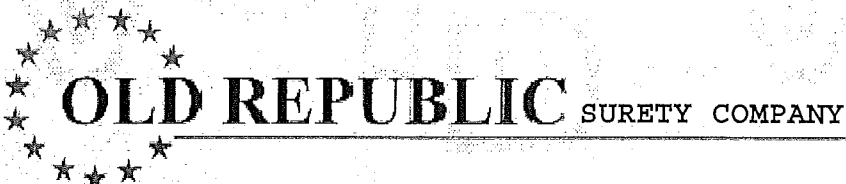
Signed and sealed this 29th day of September, 2016

Michael Estrella
Witness

Armstrong Fence Company
Principal (Seal)
By: [Signature]
Name/Title

Amy MacEachern
Witness

Old Republic Surety Company
Surety (Seal)
By: [Signature]
Donald H. Poag, Jr. Attorney-in-Fact



POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC SURETY COMPANY, a Wisconsin stock insurance corporation, does make, constitute and appoint:

DONALD H. POAG, JR., OF JACKSONVILLE, FL

its true and lawful Attorney(s)-in-Fact, with full power and authority, not exceeding \$20,000,000, for and on behalf of the company as surety, to execute and deliver and affix the seal of the company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds, self-insurance workers' compensation bonds guaranteeing payment of benefits, asbestos abatement contract bonds, waste management bonds, hazardous waste remediation bonds or black lung bonds), as follows:

ALL WRITTEN INSTRUMENTS IN AN AMOUNT NOT TO EXCEED AN AGGREGATE OF
TEN MILLION DOLLARS (\$10,000,000) ----- FOR ANY SINGLE
OBLIGATION, REGARDLESS OF THE NUMBER OF INSTRUMENTS ISSUED FOR THE OBLIGATION.

and to bind OLD REPUBLIC SURETY COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This document is not valid unless printed on colored background and is multi-colored. This appointment is made under and by authority of the board of directors at a special meeting held on February 18, 1982. This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC SURETY COMPANY on February 18, 1982.

RESOLVED that, the president, any vice-president, or assistant vice president, in conjunction with the secretary or any assistant secretary, may appoint attorneys-in-fact or agents with authority as defined or limited in the instrument evidencing the appointment in each case, for and on behalf of the company to execute and deliver and affix the seal of the company to bonds, undertakings, recognizances, and suretyship obligations of all kinds; and said officers may remove any such attorney-in-fact or agent and revoke any Power of Attorney previously granted to such person.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company
(i) when signed by the president, any vice president or assistant vice president, and attested and sealed (if a seal be required) by any secretary or assistant secretary; or
(ii) when signed by the president, any vice president or assistant vice president, secretary or assistant secretary, and countersigned and sealed (if a seal be required) by a duly authorized attorney-in-fact or agent; or
(iii) when duly executed and sealed (if a seal be required) by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority evidenced by the Power of Attorney issued by the company to such person or persons.

RESOLVED FURTHER, that the signature of any authorized officer and the seal of the company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the company; and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC SURETY COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 24TH day of JANUARY, 2014.

OLD REPUBLIC SURETY COMPANY

Phyllis M. Johnson
Assistant Secretary



Alan Pavlic
President

STATE OF WISCONSIN, COUNTY OF WAUKESHA-SS

On this 24TH day of JANUARY, 2014, personally came before me, Alan Pavlic and Phyllis M. Johnson, to me known to be the individuals and officers of the OLD REPUBLIC SURETY COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say, that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said corporation.



Kathryn R. Pearson
Notary Public
My commission expires: 9/28/2014

CERTIFICATE

(Expiration of notary commission does not invalidate this instrument)

I, the undersigned, assistant secretary of the OLD REPUBLIC SURETY COMPANY, a Wisconsin corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

92-3442



Signed and sealed at the City of Brookfield, WI this 29th day of September

James S. Sherman
Assistant Secretary

INSURANCE OFFICE OF AMERICA IN

THIS DOCUMENT HAS A COLORED BACKGROUND AND IS MULTI-COLORED ON THE FACE. THE COMPANY LOGO APPEARS ON THE BACK OF THIS DOCUMENT AS A WATERMARK. IF THESE FEATURES ARE ABSENT, THIS DOCUMENT IS VOID.

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion Form

- (1) The prospective Vendor, Armstrong Fence Co., certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal Department or Agency.
- (2) Where the Vendor is unable to certify to the above statement, the prospective Vendor shall attach an explanation to this form.

Vendor:

Armstrong Fence Co

By: Michael E. Thridge
Signature

Michael E. Thridge Senior Industrial Estimator
Name and Title

3226 Talleyrand Ave
Street Address

Jacksonville, FL 32206
City, State, Zip

10/03/2016
Date

Scrutinized Companies Certification

[Clay County BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks]

Name of Company:¹ Armstrong Fence Co.

In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.

Insert Name of Company:

Armstrong Fence Co.

(Seal)

By: Michael Etnridge

Michael Etnridge

Its Senior Industrial Estimator

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. <u>Armstrong Fence Co</u>	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ <input type="checkbox"/> Other (see instructions) ▶ <input type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>
	5 Address (number, street, and apt. or suite no.) <u>3226 Talley Road Ave</u>	Requester's name and address (optional)
6 City, state, and ZIP code <u>Jacksonville FL 32206</u>		
7 List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)																						
Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I Instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> on page 3.																						
Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.																						
Social security number <table border="1"><tr><td></td><td></td><td></td><td>-</td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></tr></table> or Employer identification number <table border="1"><tr><td>1</td><td>0</td><td>-</td><td>8</td><td>2</td><td>2</td><td>6</td><td>3</td><td>0</td><td>7</td></tr></table>					-			-					1	0	-	8	2	2	6	3	0	7
			-			-																
1	0	-	8	2	2	6	3	0	7													

Part II Certification	
Under penalties of perjury, I certify that:	
1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and	
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and	
3. I am a U.S. citizen or other U.S. person (defined below); and	
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.	
Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.	
Sign Here	Signature of U.S. person ▶ <u>Michael E. Thibault</u> Date ▶ <u>10/03/2016</u>

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
 - Form 1099-C (canceled debt)
 - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding?* on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

Note. If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States:

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items:

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 28% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the Part II instructions on page 3 for details),

3. The IRS tells the requester that you furnished an incorrect TIN,

4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or

5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code* on page 3 and the separate instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships* above.

What is FATCA reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code* on page 3 and the instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; do not leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account, list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note. ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C Corporation, or S Corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box in line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box in line 3.

Limited Liability Company (LLC). If the name on line 1 is an LLC treated as a partnership for U.S. federal tax purposes, check the "Limited Liability Company" box and enter "P" in the space provided. If the LLC has filed Form 8832 or 2553 to be taxed as a corporation, check the "Limited Liability Company" box and in the space provided enter "C" for C corporation or "S" for S corporation. If it is a single-member LLC that is a disregarded entity, do not check the "Limited Liability Company" box; instead check the first box in line 3 "Individual/sole proprietor or single-member LLC."

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space in line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note. You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see *Limited Liability Company (LLC)* on this page), enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note. See the chart on page 4 for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.ssa.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/businesses and clicking on Employer Identification Number (EIN) under Starting a Business. You can get Forms W-7 and SS-4 from the IRS by visiting IRS.gov or by calling 1-800-TAX-FORM (1-800-829-3676).

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note. Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 4, or 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code* earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Custodian account of a minor (Uniform Gift to Minors Act)	The minor ²
4. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
5. Sole proprietorship or disregarded entity owned by an individual	The owner ²
6. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i) (A))	The grantor ²

For this type of account:	Give name and EIN of:
7. Disregarded entity not owned by an individual	The owner
8. A valid trust, estate, or pension trust	Legal entity ⁴
9. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
10. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
11. Partnership or multi-member LLC	The partnership
12. A broker or registered nominee	The broker or nominee
13. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
14. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i) (B))	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships* on page 2.

*Note. Grantor also must provide a Form W-9 to trustee of trust.

Note. If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records from Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4480 or submit Form 14039.

For more information, see Publication 4535, *Identity Theft Prevention and Victim Assistance*.

Victims of identity theft who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-368-4484. You can forward suspicious emails to the Federal Trade Commission at: spam@uce.gov or contact them at www.ftc.gov/idtheft or 1-877-IDTHEFT (1-877-438-4338).

Visit IRS.gov to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.



CERTIFICATE OF LIABILITY INSURANCE

ARMSFEN-01

MCKEEL

DATE (MM/DD/YYYY)

4/26/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Insurance Office of America, Inc. 1 Seelman Parkway Suite 130 Jacksonville, FL 32216		CONTACT NAME: PHONE (A/C, No, Ext): (904) 448-9777 FAX (A/C, No): (904) 448-9788 E-MAIL: ADDRESS:		
INSURED Armstrong Fence Co. 3226 Talleyrand Ave Jacksonville, FL 32206		INSURER(S) AFFORDING COVERAGE		NAIC #
		INSURER A : National Trust Insurance Company		20141
		INSURER B : FCCI Insurance Company		10178
		INSURER C : FCCI Advantage Insurance Company		12842
		INSURER D :		
		INSURER E :		
INSURER F :				

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		GL 0017796	04/20/2016	04/20/2017	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000 \$ 100,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS		CA 0029589	04/20/2016	04/20/2017	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		UMB0020922	04/20/2016	04/20/2017	EACH OCCURRENCE AGGREGATE	\$ 5,000,000 \$ 5,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A	001WC15A64152	04/20/2016	04/20/2017	<input checked="" type="checkbox"/> PER STATUTE E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	\$ 1,000,000 \$ 1,000,000 \$ 1,000,000
B	Installation		CM 0008650	04/20/2016	04/20/2017	Installation Floater	200,000
C	Equipment Floater		CM 0008650	04/20/2016	04/20/2017	Rented/Leased Equip	50,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Proof Of Insurance

CERTIFICATE HOLDER**CANCELLATION**

Proof Of Insurance
Proof
Proof

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

**BOARD OF COUNTY COMMISSIONERS
CLAY COUNTY, FLORIDA**

REQUEST FOR PROPOSALS

**BID NO. 15/16-30, Galvanized Chain Link Fence
Repairs at Various Clay County Parks**

DUE DATE: October 3, 2016 at 4:00 pm
OPEN DATE: October 4, 2016 at 1:00 pm



Issued By:
Clay County Board of County Commissioners
Purchasing Division

TABLE OF CONTENTS

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

Request for Bid Advertisement	3-5
Request for Bid Instructions	6-12
Specifications.....	13-28
Price Sheet	29
Corporate Details	30
Certification Regarding Debarment.....	31
Scrutinized Companies Certification.....	32
No Bid Statement.....	33
Procedures for Bid Opening	34-45

Attachments:

W-9

REQUEST FOR BID

NOTICE IS HEREBY GIVEN that sealed proposals will be received until 4:00 P.M., Monday, October 3, 2016, at the Clay County Administration Building, 4th floor, Reception Area, 477 Houston Street, Green Cove Springs, Florida 32043, for the following:

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

Bids will be opened at 1:00 P.M., or as soon thereafter as possible, on Tuesday, October 4, 2016 in the Clay County Administration Building, Conference Room "B", fourth floor, 477 Houston Street, Green Cove Springs, Florida, in the presence of the Purchasing Department staff and all other interested persons.

The opened Bids will be read aloud and preserved in the custody of the Purchasing Department for later examination for conformance to specifications and tabulated. The Finance and Audit Committee of the Board will present its recommendations to the Board of County Commissioners as soon thereafter as possible.

Bids will not be valid unless received by the proposal deadline and in a sealed envelope marked: **"BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks"**, to be received until 4:00 P.M., Monday, October 3, 2016. Envelopes are to be sent or delivered in person to the above address. No postal mail will be accepted.

Proposals require a five percent (5%) bid bond and may not be withdrawn after the scheduled opening time for a period of thirty (30) days. The term bond shall include cashier or certified checks payable to the County.

During the bidding process, all prospective proposers are hereby prohibited from contacting (i) any member of the Board of County Commissioners, the County Manager or any County employee or agent regarding the solicitation in any respect during the solicitation period, and (ii) the County Manager or any County employee or agent regarding the solicitation in any respect during the evaluation period. The violation of this rule shall result in the automatic disqualification of any response to a bid solicitation submitted by the violator, and the foregoing instructions shall so state (as specified in Section P of Chapter 8 of the Purchasing Manual attached hereto). The no-contact rule set forth shall not apply to inquiries submitted to County employees or agents in the manner specifically provided in the bid solicitation package regarding the distribution thereof, or to communications seeking clarification regarding instructions or specifications submitted to County employees or agents in the manner specifically provided for in the bid solicitation package, or to pre-bid conferences provided for in the bid solicitation package, or to formal presentations by finalists to the Board of County Commissioners or any committee thereof specifically contemplated in the bid solicitation package. For information concerning procedures for responding to this Bid, contact the Purchasing Division, Donna Fish by email donna.fish@claycountygov.com or at (904) 278-3761.

The County reserves the right to waive formalities in any response, to reject any or all responses with or without cause, to waive technical and non-technical or non-material defects in the solicitation or submittal of any responses, including the lack of availability of adequate funds,

regulatory agency requirements, to make award in part or completely, and/or to accept the response that, in its judgment, will be in the best interest of the County of Clay. Bid proposals in which the prices obviously are unbalanced will be rejected.

FOLLOWING THE BID OPENING AND TABULATION, A “NOTICE OF INTENT TO AWARD BID” OR A “NOTICE OF REJECTION OF ALL BIDS” WILL BE POSTED ON THE INTERNET AT: <http://www.claycountygov.com/departments/purchasing-division/bcc-bid-tabs-current-bids-intent-bids-rejection-bids> THIS WEB PAGE CAN ALSO BE ACCESSED FROM THE HOMEPAGE OF THE COUNTY’S WEBSITE AT: www.claycountygov.com BY FOLLOWING THE “NOTICE OF INTENT BIDS” LINK UNDER THE “BUSINESS” ROLLOVER BUTTON ON THE COUNTY’S HOMEPAGE. NO OTHER NOTICE WILL BE POSTED.

PROSPECTIVE BIDDERS ARE NOTIFIED THAT THE FAILURE TO INCLUDE WITHIN THE SEALED BID ENVELOPE, A PROPER BID BOND OR OTHER SECURITY APPROVED UNDER THE COUNTY’S PURCHASING POLICY, IF REQUIRED FOR THIS SOLICITATION, OR THE FAILURE TO FILE A WRITTEN PETITION INITIATING A FORMAL PROTEST PROCEEDING WITHIN THE TIMES AND IN THE MANNER PRESCRIBED IN SECTION 8. (N), OF SAID POLICY, SHALL CONSTITUTE A WAIVER OF THE RIGHT TO PROTEST THE BID SOLICITATION, ANY ADDENDUM THERETO, OR THE BID DECISION, AS APPLICABLE, AND TO INITIATE A FORMAL PROTEST PROCEEDING UNDER SAID POLICY. THE COUNTY’S PURCHASING POLICY CAN BE VIEWED AT THE COUNTY’S WEBSITE BY FOLLOWING THE APPROPRIATE LINKS FROM THE HOMEPAGE ADDRESS SET FORTH ABOVE.

IF A PROSPECTIVE BIDDER IS IN DOUBT WHETHER THIS SOLICITATION REQUIRES A BID BOND, SUCH PROSPECTIVE BIDDER IS SOLELY RESPONSIBLE FOR MAKING APPROPRIATE INQUIRY.

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

-----END OF NOTICE-----

BID ADVERTISEMENTS SCHEDULE


BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

(CLAY TODAY) For publication on: September 8, 2016

(CLAY COUNTY WEBSITE) For: September 8, 2016

PLEASE SEND ORIGINAL INVOICE AND PROOF OF PUBLICATION TO:

Clay County Board of County Commissioners
Purchasing Department
477 Houston Street
Green Cove Springs, Florida 32043
ATTENTION: Donna Fish



S. C. Kopelousos
County Manager

REQUEST FOR BID INSTRUCTIONS

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

1. **Delivery and Receipt of Bids:** All sealed Bids submitted shall be received by the Purchasing Division of Clay County, Florida.

Proposals submitted in person or by courier services will be received at:
Clay County Administrative Building
Fourth Floor, Reception Area
477 Houston Street, Green Cove Springs, Florida 32043

Three copies of the bid must be received in a sealed envelope. Proof of liability insurance, form W-9 taxpayer identification number, and bid information shall be included with all responses submitted.

The words **“BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks”** shall be clearly marked on the front and back of the envelope containing the Bid.

2. **Due Date and Opening Date:** Bids will be received by carrier or in person until Monday, October 3, 2016 at 4:00 p.m. and will be opened on Tuesday, October 4, 2016 at 1:00 p.m. or soon thereafter, in the Clay County Administration Building, 477 Houston Street, Conference Room “B”, Fourth Floor, Green Cove Springs, Florida. Bids will be reviewed by Clay County as soon thereafter as possible.
 - A. All Bids will be “clocked” at the time they are received to indicate the time and date of receipt.
 - B. Bids WILL NOT be accepted in person after the time and date specified.
 - C. Bids received by mail WILL NOT be accepted if they are received after the time and date specified regardless of the postmark or circumstances.
 - D. No postal mail will be accepted.

Proposals require a five percent (5%) bid bond and may not be withdrawn after the scheduled opening time for a period of thirty (30) days. The term bond shall include cashier or certified checks payable to the County.

3. **Withdrawal of Bid:** Bids may be withdrawn by a written or faxed request by the Bidder and received by the Manager of the Purchasing Division before the date and time for receiving Bids has expired. Negligence on the part of the Bidder in preparing a Bid is not grounds for withdrawal or modification of a Bid after such Bid has been opened by the County. Bidders may not withdraw or modify a Bid after the appointed Bid Opening, and Bids will be in force for a minimum of thirty (30) days after the Bid Opening. Bidders may not assign or otherwise transfer their Bids.
4. **Inquiries/Questions:** Any questions regarding this Bid must be directed to **Donna Fish** (the authorized contact person) via email at donna.fish@claycountygov.com (preferred method) or by calling (904) 278-3761. Written inquiries/questions must be received by **September 23,**

2016. Responses to questions, clarifications, and addenda will be distributed to potential Bidders by email. It is the responsibility of interested Bidders to verify if this information has been issued prior to submitting a Bid.

5. **No Contact Period:** During the Bidding process, all prospective Bidders are hereby prohibited from contacting (1) any member of the Board of County Commissioners, the County Manager or any County employee or agent regarding the solicitation in any respect during the solicitation period, and (2) the County Manager or any County employee or agent regarding the solicitation in any respect during the evaluation period. The violation of this rule shall result in the automatic disqualification of any Bid submitted by the violator, as specified in Section P of Chapter 8 of the Clay County Purchasing Manual. **Exceptions:** The no-contact rule set forth shall not apply to inquiries submitted to the authorized contact person, the pre-bid conference, or to formal presentations by finalists to the Board of County Commissioners or to the County's evaluation committee.
6. **Award:** The Bid will be awarded to the responsible Bidder(s) submitting a Bid determined to provide the best value to the County with price, technical, and other applicable factors considered. The County reserves the right to award to multiple bidders. The County reserves the right to request any additional information from Bidders after Bid Opening and before award as may be necessary to assist in review and evaluation of any Bid prior to submittal of a recommendation for award to the Board of County Commissioners.
7. **Waiver of Formalities/Rejection of Bids:** The County reserves the right to waive informalities in any Bid, to reject any or all Bids with or without cause, to waive irregularities/technicalities, and waive technical and non-technical or non-material defects in the Bid document or submittal of any Bid. The County reserves the right to make award either in part or completely, and/or to accept the Bid that, in its judgment, will be in the best interest of the County. Bids in which the prices obviously are unbalanced will be rejected. The County reserves the right to reject any and all Bids and to re-advertise for all or any part of this solicitation as deemed in its best interest.
8. **Cancellation of Bid:** Clay County reserves the right to cancel a solicitation at any time prior to approval of the award. The decision to cancel a solicitation cannot be the basis for a protest under the formal protest process as referenced herein.
9. **No Bid:** Each company not intending to respond to this Bid should reply with a written "No Bid Statement". Such action will maintain the company on the appropriate active Bidder solicitation list. Three (3) failures to respond to solicitations may result in deletion from the Bidder solicitation list.
10. **Bid Errors:** Where Bid forms have erasures or corrections, each erasure or correction must be initialed in ink by the Bidder. In case of unit price Bid items, if an error is committed in the extension of an item, the unit price as shown in the Bid response will govern. Errors between any sum, computed by the Bidder, and the correct sum thereof will be resolved in favor of the correct sum. Any discrepancy between words and numbers will be resolved in favor of the written words.

11. **Deviations:** Bidders are hereby advised the County will only consider Bids that meet the specifications and other requirements imposed upon them by this Bid document. In instances where a deviation is stated in the Bid Form, said Bid will be subject to rejection by the County in recognition of the fact that said Bid does not meet the exact requirements imposed upon the Bidder by the Bid or Contract documents.
12. **Bid Protests:** Any company affected adversely by the County's decision may file with the County Purchasing Division a "Notice of Protest" in writing within 72 hours after the posting of the recommended award. Failure to file a written Notice of Protest shall constitute a waiver of proceedings under Chapter 8 (N) of the Clay County Purchasing Policies. Failure to file a written petition initiating a formal protest proceeding within the time frame and in the manner prescribed in Section 8. (N) of said policy shall constitute a waiver of the right to protest the Bid solicitation, any addendum thereto, or the Bid award recommendation or decision, and to initiate a formal protest proceeding under said policy. The County's Purchasing policy may be viewed at the County's website by following the appropriate links from the Homepage.
13. **Public Entity Crimes:** Pursuant to Section 287.133(2)(a) of the Florida Statutes, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Bid for a Contract to provide any goods or services to a public entity, may not submit a Bid for a Contract with a public entity for the construction or repair of a public building or public work, may not submit Bids on leases of real property to a public entity, may not be awarded or perform work as a Contractor, supplier, subcontractor, or consultant under a Contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017 of the Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list. By submitting a Bid, Proposal or Reply - Bidder attests that they have not been placed on the Convicted Vendor List".
14. **Debarment:** By submitting a Bid, Proposal or Reply, the Bidder certifies that it is not currently debarred from submitting proposals for contracts issued by any political subdivision or agency of the State of Florida and that it is not an agent of a person or entity that is currently debarred from submitting proposals for contracts issued by any subdivision or agency of the State of Florida.
15. **Scrutinized Companies Certification:** In compliance with subsection (5) of Section 287.135(5), Florida Statutes the Bidder certifies that the company is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute. The included Scrutinized Companies Certification Form must be completed and returned as part of the bid submittal.
16. **Laws and Regulations:** The Bidder shall comply with all laws and regulations applicable to provide the goods and/or services specified in this solicitation. The Bidder shall be familiar with all federal, state and local laws that may affect the goods and/or services offered. All applicable Federal and State laws, municipal and Clay County ordinances, and the rules and

regulations of all authorities having jurisdiction over any part of the project shall apply to the entire project and Contract.

17. **Copyright Restrictions:** Both the County seal and the County logo are being registered for a copyright. Neither the Clay County seal nor the logo may be used or provided to non-Clay County government users for use on company Bids, presentations, etc.
18. **Indemnification:** The awarded Bidder shall indemnify and hold harmless the County, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the company and other persons employed or utilized by the company in the performance of the Contract. The provisions of Florida Statute 768.28 applicable to Clay County, Florida apply in full to this Contract. Any legal actions to recover monetary damages in tort for injury or loss of property, personal injury, or death caused by the negligent or wrongful act or omission of any employee of the County acting within the scope of his/her office or employment are subject to the limitations specified in this statute.

No officer, employee or agent of the County acting within the scope of his/her employment or function shall be held personally liable in tort or named as a defendant in any action for any or damage suffered as a result of any act, event, or failure to act. The County shall not be liable in tort for the acts or omissions of an officer, employee, or agent committed while acting outside the course and scope of his/her employment. This exclusion includes actions committed in bad faith or with malicious purpose, or in a manner exhibiting wanton and willful disregard of human rights, safety, or property.

19. **Insurance Requirements:** Prior to commencement of the project, the awarded Bidder shall provide the County Purchasing Division with proof of the following insurance:

- a. Commercial General Liability

1. General Aggregate	\$1,000,000
2. Products and Completed Operations Aggregate	\$1,000,000
3. Personal and Advertising Injury	\$1,000,000
4. Each Occurrence	\$1,000,000
5. Fire Damage (any one fire)	\$ 50,000
6. Medical Expense (any one person)	\$ 5,000

- b. Automobile Liability

1. Any automobile-Combined bodily injury/ property damage, with minimum limits for all additional coverages as required by Florida law	\$1,000,000
---	-------------

- c. Workers Compensation/Employers Liability

1. Workers Compensation	statutory limits
-------------------------	------------------

2. Employers Liability

a. Each Accident	\$ 100,000
b. Disease-Policy	\$ 500,000
c. Disease-Each Employee	\$ 100,000

d. Professional Liability when required by Contract-per occurrence \$ 1,000,000

The awarded Bidder must maintain insurance coverage at the above-prescribed levels through the date of completion of the project and such coverage must include all independent Contractors and subcontractors. Either prior to, or simultaneously with the execution of the Contract, the awarded Bidder must deliver certificates of insurance for the required insurance coverage to the County naming "Clay County, a political subdivision of the State of Florida, the Board of County Commissioners, Clay County, Florida; and all public agencies of Clay County, as their interests may appear" as "Additional Insured." Said certificates of insurance shall also include a thirty-day prior written notice of cancellation, modification or non-renewal to be provided to the County.

20. **Performance and Payment Bond Requirements:** Performance and Payment Bonds are not required for projects of \$200,000^{.00} or less. Prior to commencement of a project exceeding \$200,000^{.00}, the awarded Bidder shall file a 100% Performance Bond and Payment Bond (using Clay County's Standard Form) in the Public Record of Clay County, Florida, Recording Dept./Room 130, 825 North Orange Avenue, Green Cove Springs, Florida 32043-2525. The recorded Performance and Payment Bonds shall be provided prior to the commencement of construction to Clay County Purchasing Division, PO Box 1366, Green Cove Springs, Florida 32043-1366. Performance and Payment Bonds must be increased in accordance with any change order increases on the project.

21. **Bid Preparation Costs:** By submission of a Bid, the Bidder agrees that all costs associated with the preparation of his/her Bid will be the sole responsibility of the Bidder and shall not be borne by the County. The Bidder also agrees that the County bears no responsibility for any costs associated with the preparation of their Bid and/or any administrative or judicial proceedings resulting from the solicitation process.

22. **Contractor Qualifications and Requirements:** At the time of Bid Opening, all Bidders must be certified or registered pursuant to Chapter 489, Florida Statutes, or hold a Clay County certification under Article III of Chapter 7 of the Clay County Code, as applicable, at the time of submitting a Bid. All Bidders must submit evidence of current state certification or registration, or County certification, as applicable, prior to award of this Bid.

The following licensing requirements shall apply when the applicable Florida statute mandates specific licensing for Contractors engaged in the type of work covered by this solicitation.

- a. State of Florida, Department of Professional Regulation, Construction Industries Licensing Board and licensed by other federal, state, regional, county or municipal agencies having jurisdiction over the specified construction work.

- b. Said licenses shall be in the Bidder's name as it appears on the Bid Form. Bidder shall supply a copy of each applicable license showing the appropriate license numbers, with expiration dates as required by the County. Failure to hold and provide proof of proper licensing, certification and registration may be grounds for rejection of the Bid and/or termination of the Contract.
- c. Subcontractors Contracted by the Prime Contractor shall be licensed in their respective fields to obtain construction permits from the County. Said license must be in the name of the subcontractor.

The following licensing requirements shall apply when applicable (Contractor Prequalification):

Florida Law and Rules of the State of Florida, Department of Transportation, require contractors to be prequalified with the Department in order to bid for the performance of road, bridge, or public transportation construction contracts greater than \$250,000.00. The Contractor Prequalification process results in the issuance of a Certificate of Qualification for each successful applicant which lists the approved work classes and the Maximum Capacity Rating in dollars. It is the responsibility of potential bidders to review the requirement and meet the qualifications listed at: http://www.dot.state.fl.us/cc-admin/PreQual_Info/prequalified.shtm. Contractors not meeting the applicable work types associated with the scope of the work may utilize subcontractors to assist with meeting the requirement of all necessary prequalification work classes.

The County shall have the right to review the references, experience of assigned personnel, and qualifications of the Contractor in order to make the final determination of acceptability of the Contractor to be awarded the Contract and construct the work.

The Board of County Commissioners may reject, at its sole discretion, any Bidder the Commission finds to lack, or who's present or former executive employees, officers, directors, stockholders, partners or owners are found by the Commission to lack honesty, integrity, or moral responsibility. The Commission's finding may be based on any of the following factors: the disclosure required herein, the County's own investigation, public records, or any other reliable source of information. The Commission may also reject any Bidder failing to make the disclosure required herein. By submitting a Bid, Bidder recognizes and accepts that the Board of County Commissioners may reject any Bid at its sole discretion and the Bidder waives any claim it might have for damages or other relief arising from the rejection of its Bid or resulting directly or indirectly from the rejection of its Bid based on these grounds or from the disclosure of any pertinent information relating to the reasons for rejection of its Bid.

23. **Subcontractors:** The County reserves the right to approve all subcontractors for this Contract. If subcontractors are to be utilized, their names and references must be included by completing the Subcontractor form if provided within this Bid. Responsibility for the performance of the Contract remains with the main Contractor exclusively.

After the commencement of the project, subcontractors may be added or modified during the Contract period only with prior written permission from the County, and only for reasonable cause, as judged by the County.

- 24. Interpretation of Plans and Specifications:** No interpretation of the meaning of the plans, specifications, or other Contract documents will be made to any Bidder orally. Every request for interpretation should be in writing addressed to the Purchasing Division. To be given consideration, such requests must be received no later than **September 23, 2016.**

Any and all such interpretations and any supplemental instructions will be in the form of a written addendum. All Addenda issued shall become part of the Bid and Contract documents, and receipt must be acknowledged on the Bid Form, or by completion of the applicable information on the Addendum and submitting it with their Bid. Failure to acknowledge Addenda which have no effect on the competitive nature of the bidding process may be a waiveable deviation at the County's sole discretion.

- 25. Execution of Contract and Notice to Proceed:** The awarded Bidder may be required to sign a written Contract. Said Contract will evidence in written form the agreement between the parties.
- 26.** All payments made under this Bid will be made in accordance with the Local Government Prompt Payment Act; in effect, not later than 45 days from receipt of proper invoice.

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks
(As provided by Parks and Recreation)

PROJECT DETAILS:

Clay County Division of Parks and Recreation is soliciting sealed bids for providing fence repairs on chain link fencing and/or backstops at 8 parks located throughout Clay County. The work shall include repairing and/or replacement of damaged gates, posts, fencing fabric, tension wires, top rails, and bottom rails. Work includes removal and disposal of all debris and construction materials. A project location map identifying each park that requires work has been provided in the Bid Package.

The attached drawings represent the diagrams of the work intended at each project site which have been detailed with the determination on whether the area is to be repaired or replaced. Please note that not all areas shown on the location map requires repairs made.

Work shall be completed by March 30, 2017. If an extension is required, it must be requested and approved in writing. Note that some ball field fence projects will need to be completed with regard to athletic association schedules.

Contractor for the project guarantees all materials and workmanship to be free of defects for a period of one (1) year from the date of acceptance by the County.

MINIMUM PRODUCT STANDARDS:

Attached drawings provide detailed information on requirements/standards for posts, fencing fabric, tension wires, and all rails. The contractor shall repair all damaged fences and gates with new materials. Contractor shall grade areas around gates as necessary to provide a level area for gates to open and close freely. Gates shall be adjusted to lock in place as designed and fully operational. Items that cannot be repaired to an as new condition shall be replaced with new similar materials.

AWARD:

The Bid will be awarded to the responsible Bidder(s) submitting a Bid determined to provide the best value to the County with price, technical, and other applicable factors considered. The county shall also consider, but shall not be limited to, in addition to price the following:

- The ability, capacity and skill of the vendor to perform under the terms of the documents
- Whether the vendor can provide the materials or service promptly, or within the time specified, without delay or interference
- The quality of the material being provided
- The availability of the material as required

The County reserves the right to select all or part of the projects quoted as funding allows.

SPECIFICATIONS FOR 4' CHAIN LINK FENCING

Wire to be 4' Knuckle & Knuckle 9 Gauge; Hot Dipped Galvanized.

2 ½" End Post; Hot Dipped Galvanized Sch. 40.

2 ½" Gate Post; Hot Dipped Galvanized Sch. 40.

2" Line Post; Hot Dipped Galvanized Sch. 40.

Bottom Tension Wire; 7 Gauge.

Top Rail; 1 5/8"; SS 20.

All Fasteners to be Hot Dipped Galvanized Steel.

All Post not to exceed 10' apart.

To be installed to manufacturer's specifications.

SPECIFICATIONS FOR 6' CHAIN LINK FENCING

Wire 6' Knuckle & Knuckle 9 Gauge; Hot Dipped Galvanized.

3" End Post; Hot Dipped Galvanized; Schedule 40 Pipe.

3" Gate Post; Hot Dipped Galvanized; Schedule 40 Pipe.

Gate Latch Post 2 1/2" Hot Dipped Galvanized.

9 Gauge Aluminum Ties.

2" Line Post; Hot Dipped Galvanized; Schedule 40 Pipe.

Bottom Tension Wire; 7 Gauge.

Top Rail; 1 5/8"; SS 20.

All Fasteners to be Steel; Hot Dipped Galvanized.

All Post not to exceed 10' apart.

All Material to be installed to manufacturer's specifications.

SPECIFICATIONS FOR 8' CHAIN LINK FENCING

Wire to be 8' Knuckle & Knuckle 9 Gauge; Hot Dipped Galvanized.

3 'End Post; Schedule 40; Hot Dipped Galvanized Pipe.

4" Gate Post; Schedule 40; Hot Dipped Galvanized Pipe.

2 ½ Line Post; Schedule 40; Hot Dipped Galvanized Pipe.

Bottom Tension Wire; 7 Gauge.

Top Rail; 1 5/8"; SS 20.

All Fasteners to be Steel; Hot Dipped Galvanized.

Post not to exceed 10' apart.

SS 20 Middle Rail.

All Wire to be on the Playing Field Side.

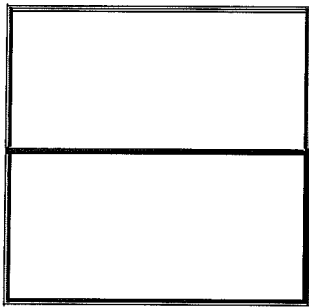
All Material to be installed to manufacturer's specifications.

SPECIFICATIONS FOR ALL GATES

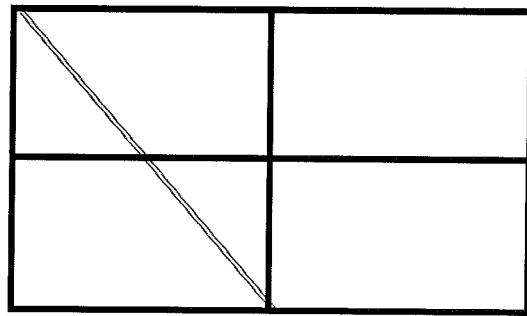
SS 20 Frames; 1 5/8" Pipe; Hot Dipped Galvanized Welded.

All Wire Knuckle & Knuckle 9 Gauge; Hot Dipped Galvanized.

All Fasteners to be Steel; Hot Dipped Galvanized.



4' Gate



12' Gate x 6'

4'x6' Gates

3" Schedule 40 Pipe for Hinge Side

2 1/2" Pipe for Latch

4" Schedule 40 Pipe for Hinge Side

3" Schedule 40 Pipe for Latch Side

Clay County Park Listing for Fence Repair

Pier Station Park

4160 Pier Station Road
Green Cove Springs 32043

Omega Park

4317 County Road 218
Middleburg 32068

Hunter-Douglas Park

4393 Longmire Road
Middleburg 32068

Greenwood Park

245 Evergreen Lane
Middleburg 32068

Walter Odum Park

450 Parkwood Drive
Orange Park 32073

Paul C. Armstrong Park

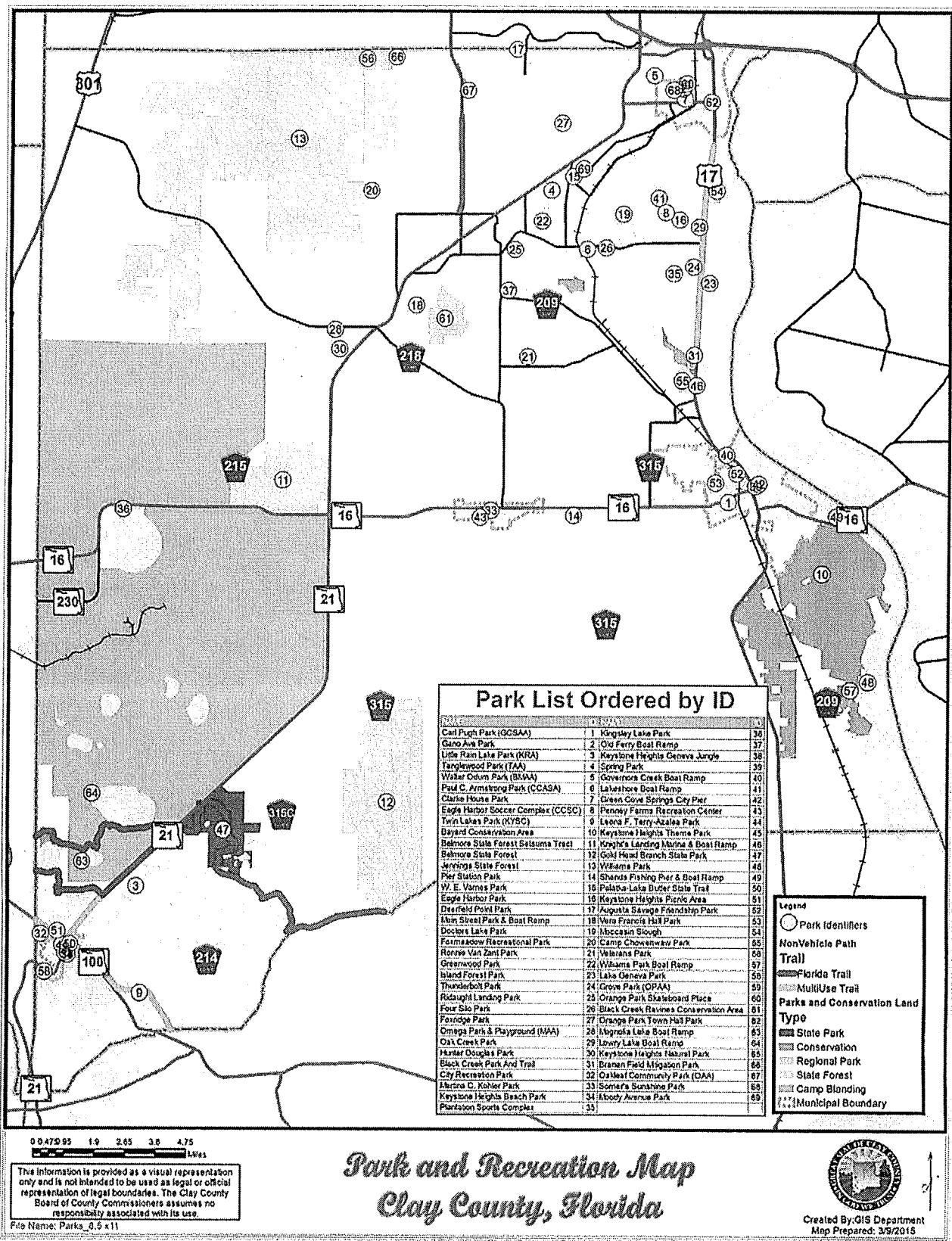
2445 County Road 220
Middleburg 32068

Eagle Harbor Soccer Complex

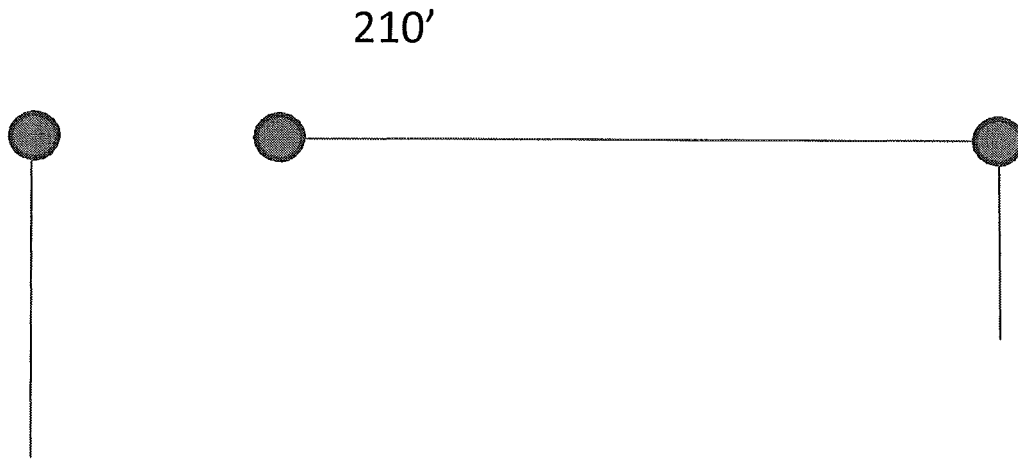
4387 Lakeshore Drive
Fleming Island 32003

Thunderbolt Park

5700 Highway 17
Fleming Island 32003



PIER STATION PARK



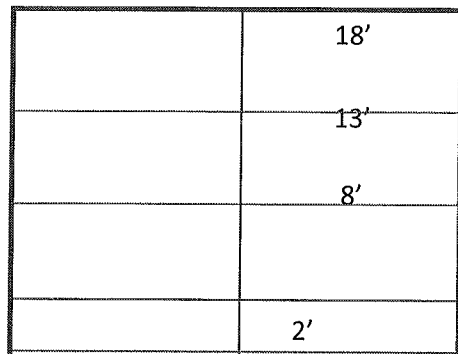
Remove and replace approximately 210' of 4' fence.

New fence to be installed to specifications provided.

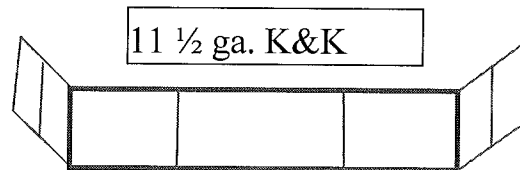
OMEGA FIELD #5 BACKSTOP – WINGS (2 EACH) 18’ H X 20” L

Add 5 each SS20 Rails: 1 bottom, 1 at 2’, 1 at 8’, 1 at 13’, and 1 at 18’

Bottom wire 6 ga. K&K 8’, Top 10’ 9 ga. K&K



Bottom
20' Long



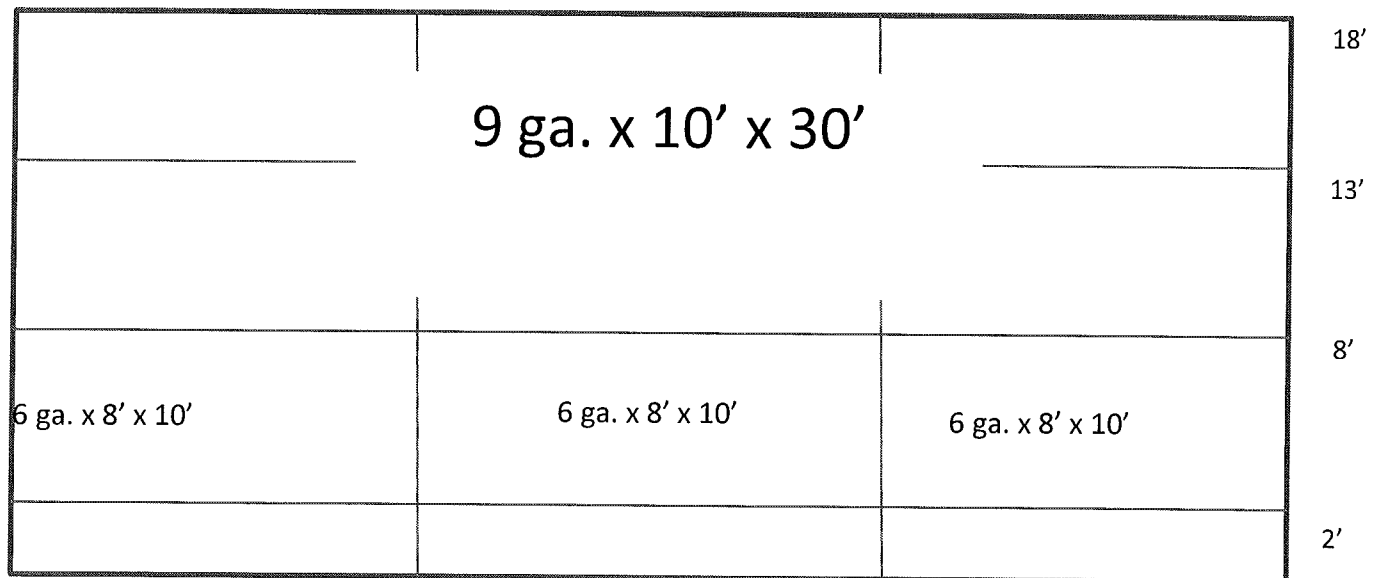
OMEGA BACKSTOP CENTER 18’ H 30’ LONG

3 each Sections 8’x10’ 6 ga. K&K bottom.

Rails SS 20 1-5/8”: 1 bottom, 1 at 2’, 1 at 8’, 1 at 13’, 1 at 18’.

Top 10’ x 30’ 1 piece 9 ga.

Leave vertical posts – do not replace.



18' H

Bottom Rail

30' Long

OMEGA PARK continued

336'



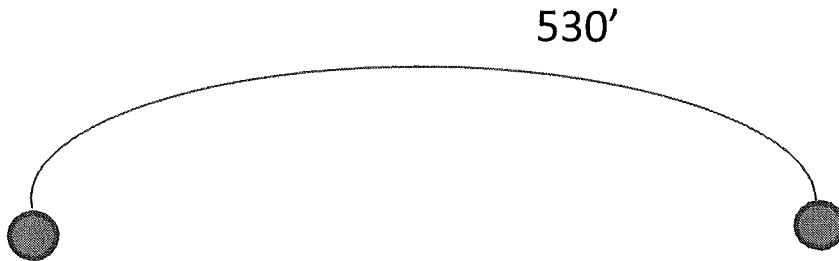
Remove and replace approximately 336' of 8' outfield fence.

Top rail, middle rail and bottom tension wire.

All Rails – 1 5/8" SS20.

Install new fence, top rail, middle rail, and bottom tension wire to specifications provided.

HUNTER-DOUGLAS
PARK



Remove and replace approximately 530' of 6' outfield fence.

Remove and replace 1 each 6' x 12' gate.

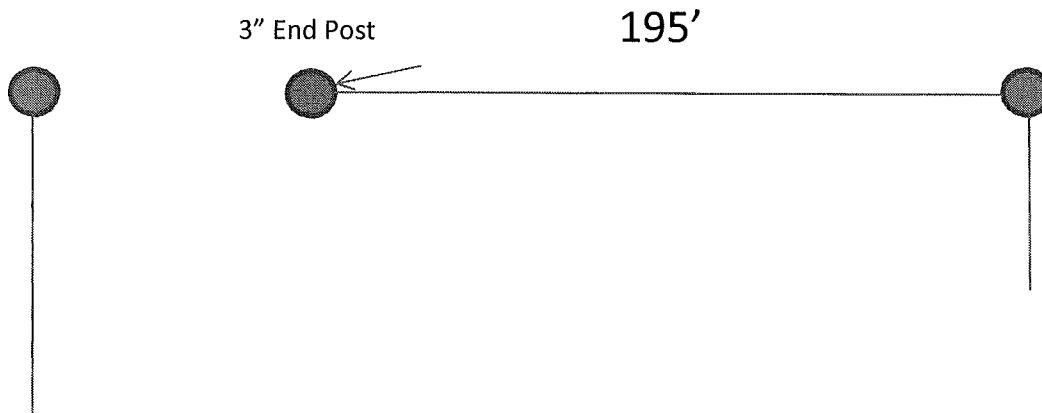
Install new gate to provided specifications.

Bottom wire 7 Gauge

Top Rail – 1 5/8 SS20

Install new wire to provided specifications.

GREENWOOD PARK – REAR FENCE



Remove and replace approximately 195' of 6' fencing.

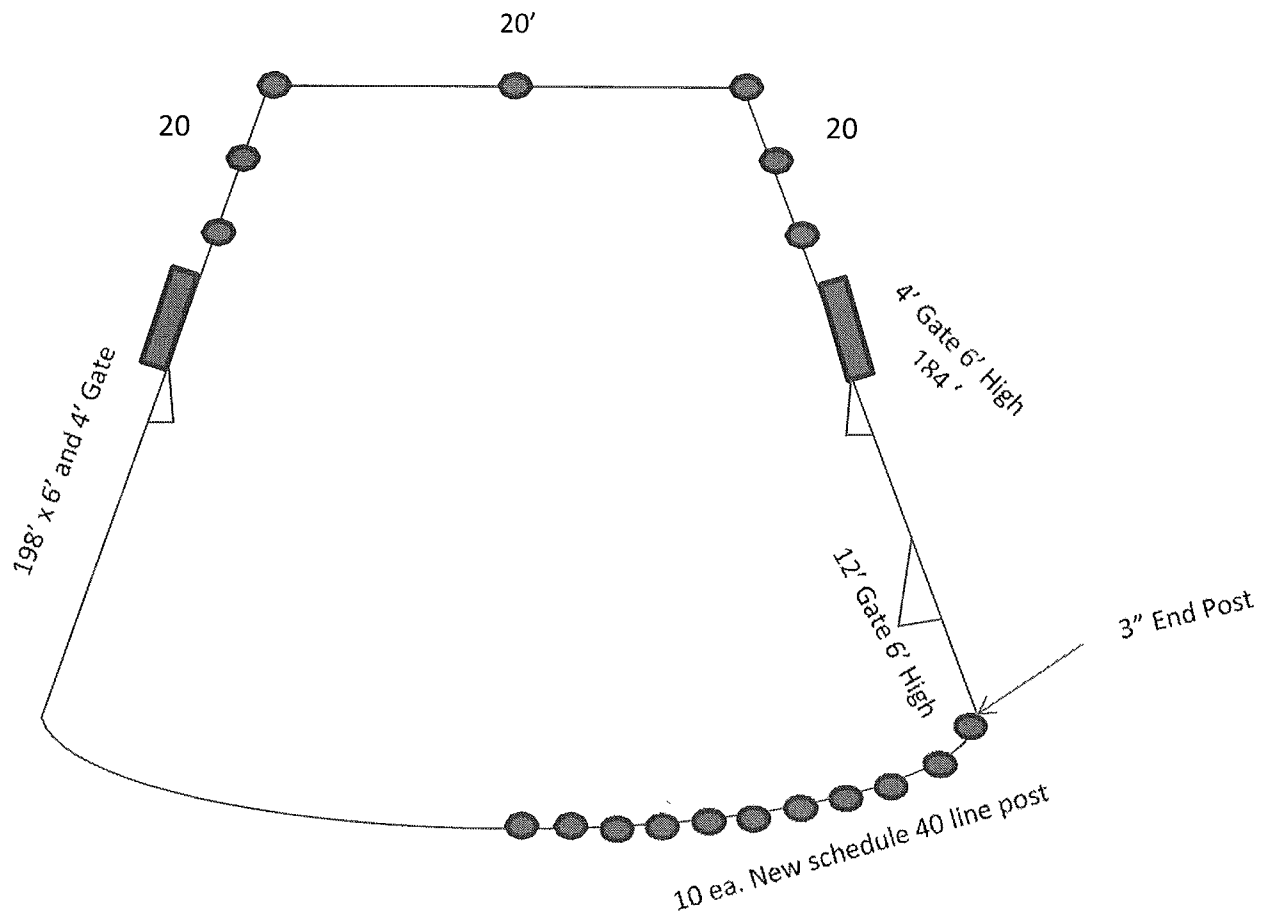
Leave 4' opening in southwest corner.

Bottom tension wire – 7 gauge.

Top Rail - 1 5/8" SS20

Install new fence to provided specifications.

WALTER ODUM



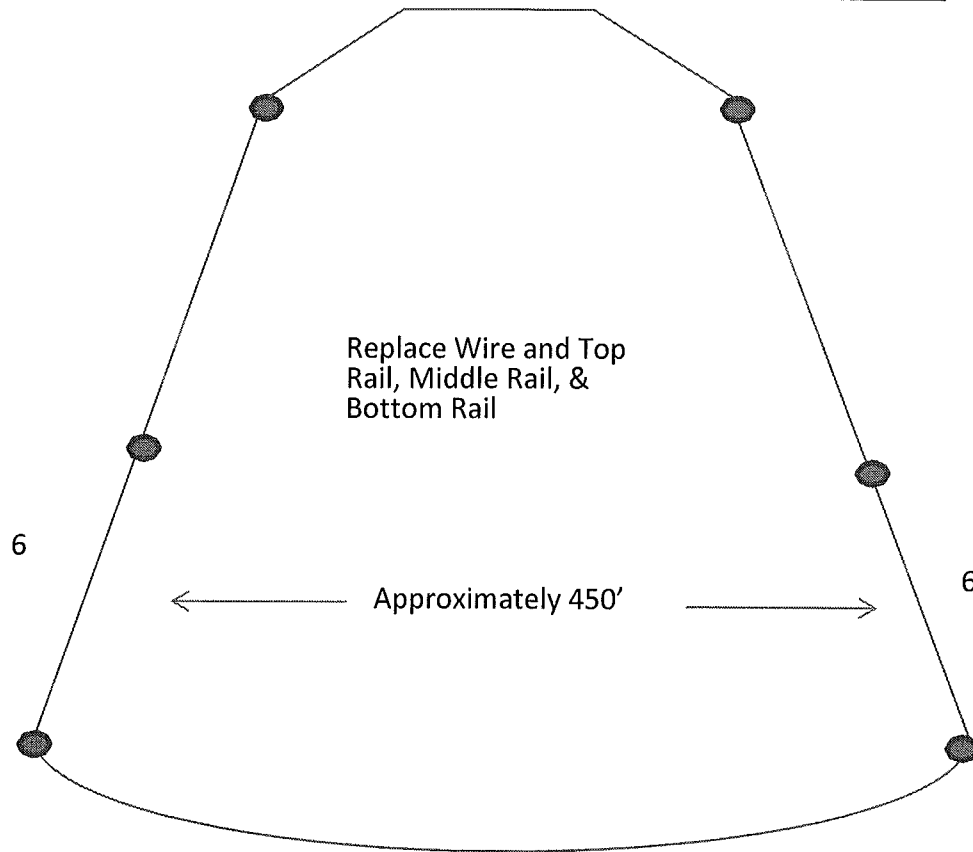
Replace wire on outfield fence 6' high 9 gauge with bottom tension wire with 1 5/8" Top Rail SS 20.

Do not install gates.

Replace all tubing with 2" Sch. 40 Pipe.

Install new wire to provided specifications.

PAUL C. ARMSTRONG PARK – MIDDLE FIELD



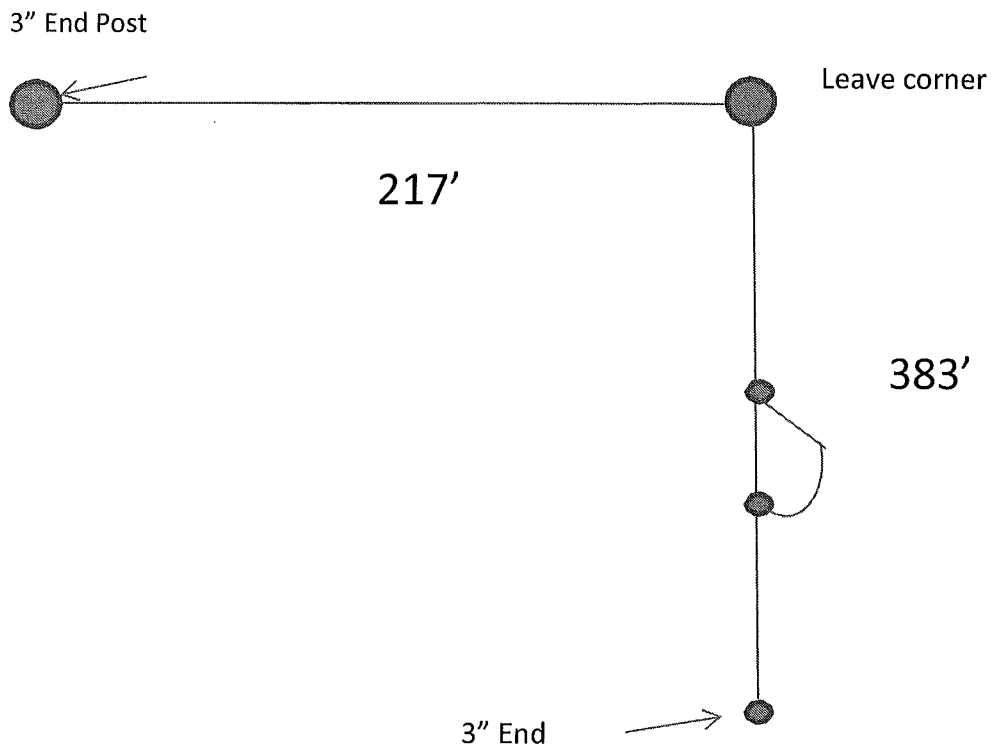
Remove and replace approximately 6' fence from dugout to outfield fence – 1st and 3rd base side.

Leave the gate on the 3rd base side of outfield.

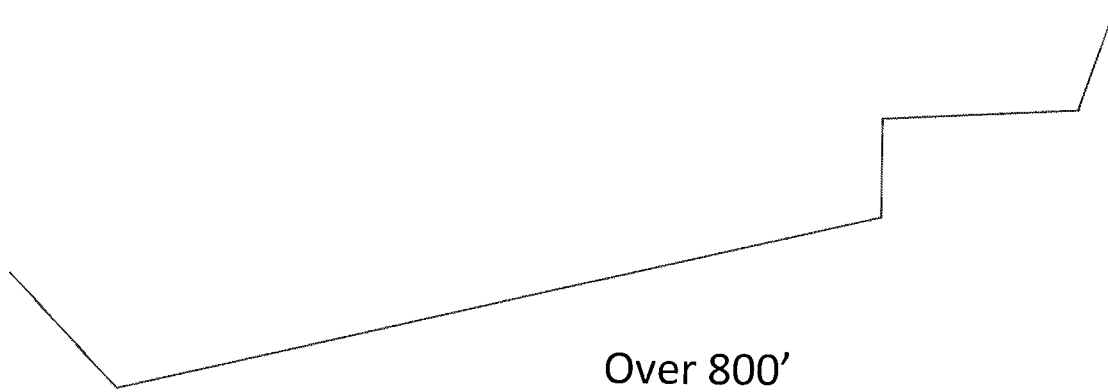
Install new wire to provided specifications.

EAGLE HARBOR

Remove and replace 600' of 6' fence to specifications provided.



THUNDERBOLT PARK



Remove and replace approximately 800' of 6' fence on parking lot side from east to west.

Replace one 6' x 12' gate.

Rewire all gates. All wire K&K.

Wire to be installed on playing field side.

Bottom tension wire.

Top Rail SS20.

Install to provided specifications.

“NO BID” Statement

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

If your company does not intend to bid on this procurement, please complete and return this form prior to the date shown for receipt of bids to: Clay County Purchasing Division, Attn: Donna Fish, P.O. Box 1366, Green Cove Springs, FL 32043

We, the undersigned, decline to bid on the above referenced invitation to bid for the following reasons:

_____ Specifications are too restrictive (please explain below or attach separately)

_____ Unable to meet specifications

_____ Specifications were unclear (please explain below or attach separately)

_____ Insufficient time to respond

_____ We do not offer this product or service

_____ Our schedule would not permit us to perform at this time

_____ Unable to meet bond requirements

_____ Other (please explain below or attach separately)

Remarks:

Company Name: _____ Telephone #: _____

Signature: _____ Fax #: _____

Print Name: _____ Title: _____

Address: _____

City: _____

Zip: _____

CHAPTER 8: PROCEDURES FOR PUBLIC BID OPENINGS

(A) **Purpose:** The purpose of this chapter is to specify procedures for the submittal, receipt, opening and recording of all formal bids required by all of the various laws, ordinances, and other procedures and manuals governing the solicitation and awarding of public bids in Clay County, Florida, including but not limited to:

- a. Section 336.44, Florida Statutes (2001).
- b. Applicable Provisions of Clay County Code.
- c. Florida Department of Transportation Standard Specifications, most recent edition.

(B) **Time of Opening:** All bids shall be submitted to the Purchasing division, 4th Floor, Clay County Administration Building, 477 Houston Street, Green Cove Springs, Florida, which shall record receipt thereof by date and time on the bid envelope. Upon receipt, the Purchasing division will maintain custody and control of all bid submittals until after they have been opened. The deadline for a particular bid submittal shall be 4:00 P.M., of the Monday immediately preceding the Tuesday upon which the bid is to be opened. No bid shall be opened unless and until proof by publisher's affidavit of publication of the bid solicitation is received and filed by the Purchasing division. Bidders and the public are welcomed to attend the opening and all subsequent committee and commission meetings related to the bids.

(C) **Form of Bid Submittal:** All bids shall be submitted in triplicate, (and if applicable only on the forms provided by the County or its staff). Each bid and its accompanying materials shall be submitted in a single, sealed and opaque envelope. The following items shall be prominently marked on the cover of the envelope by the party making the submittal prior thereto:

- a. The number assigned to the particular bid solicitation.
- b. The title of the bid exactly as it appeared in the published solicitation.
- c. The date of the bid opening.

(D) **Bid Receipt Procedure:** The County Manager shall, in cooperation with his or her Department heads and the Purchasing division, assign a specific and discrete number and title to each bid solicitation, which shall be contained in the Request for Bids, the newspaper publication, specifications and the Bid Form thereof. Three copies of each request for bid shall be submitted to the Purchasing division for distribution as provided in Section F hereof, and the "Request For Bids" shall be signed prior to publication.

(E) **Place of Opening:** All bids properly submitted shall be opened in a public location so designated in the bid solicitation.

(F) **Distribution of Copies:** Upon the opening of a bid, one copy shall be distributed to the head of the originating department. Purchasing shall submit to the Finance committee of the Board a tabulated list of all bidders and their bids, including bid number, name, staff assigned, a recommendation to include but not be limited to the lowest responsive and responsible bid, or in a proper circumstance the best bid, budget information and alternatives. All staff assigned to evaluate bid and RFP responses shall do so observing all requirements of the Sunshine Law and

in meetings noticed at least 72 hours in advance thereof. The Purchasing division shall serve as the permanent record holder for the County Manager.

(G) **Committee Review, Report and Recommendations:** Bids shall be reviewed by the Board's Finance committee following the bid opening. The Committee should, in the absence of unusual circumstances, report its recommendation to the Board at the Board's next regularly scheduled meeting, which shall include a tabulated list of all bidders and their bids. In all events, the County Manager shall cause to be spread upon the minutes of the regular meeting of the Board next following the opening of a particular bid, a list of all bidders and their bids. Upon being awarded a bid, and if a contract is entered into with the successful bidder then the County's Standard Addendum and IRS Form W-9, Request for Taxpayer Identification and Certification must be completed.

(H) **Ineligible Bid:** Any bid that does not meet the foregoing requirements for form, time of submittal, number of copies or the specifications advertised will be rejected and the reasons stated therefor; provided that the Purchasing division shall reject and return unopened all bids which do not meet the foregoing requirements for time of submittal, or envelope markings. Bids that do not meet requirements for form will be rejected and declared "No Bid". The Board reserves the power to reject all bids and in its discretion to re-advertise the solicitation.

(I) **Bid Withdrawal Period:** Any bid submitted requires a five (5) percent bond unless waived by the Board prior to solicitation, which cannot be withdrawn for a period of 30 days subsequent to the date of the bid opening, notice of which shall be incorporated in all requests for bids. As used herein, the term bond shall include cashier or certified checks payable to the County. All such checks shall be held by the Finance department for safekeeping immediately upon acceptance of the bid (but not deposited). The Finance department is hereby authorized to return each bond to the submitting party, as soon as practicable, upon written request to the Finance department, but only after a bid and contract have been awarded and executed between the County and the successful bidder for a particular project, or in the event that all bids have been rejected by the Board, or in the event the time provided that the bid shall remain in effect shall have expired and the bid submitter requests its return in writing.

(1) Vendors bidding on SHIP rehabilitation projects are exempt from the bid bond requirements delineated in 8(I) above or as may be otherwise stated elsewhere in this policy document.

(2) Vendors bidding on commodities price contracts, or any other type of contract that does not commit the Board to an actual exchange transaction (purchase) but rather seeks only a fixed unit price commitment from a vendor in the event a future purchase decision is made, shall be exempt from the bid bond requirements delineated in 8(I) above or as may be otherwise stated elsewhere in this policy document.

(J) **Bid Addenda:** All addenda distributed subsequent to the initial distribution of specifications shall be sent by certified mail/return receipt requested, said return receipt to be returned to the Purchasing division identified by bid number. Prior to mailing, a copy of each addendum shall be received by the Purchasing division, provided that no addendum shall be mailed later than five (5) working days prior to the scheduled bid opening date.

(K) **Bid Tabulation Form:** The bid Tabulation Form used at bid openings shall include a place thereon for three witnesses to sign. This procedure will eliminate the need for signing each individual bid at the time of opening, thus requiring the three witnesses to sign only once for each bid number submitted.

(L) **Authority to Delay Bid Openings:** The County Manager is hereby authorized, without seeking prior approval of the Board in any particular case, to order a delay of any bid opening from its scheduled date and time to a time certain on the agenda of the next regularly scheduled meeting of the Board, or such special meeting called for such purpose. The delay may be ordered at any time prior to the time of the scheduled opening, provided that such order be in writing, addressed and delivered to the Purchasing division with a copy delivered to the County Manager, and that copies thereof be mailed by certified mail, return receipt requested to all responding bidders as soon thereafter as is reasonably practicable. Upon receipt of the order, the Purchasing division shall immediately record the date and time thereof. The Purchasing division shall continue to accept sealed bids up until the applicable deadline. At the date and time originally scheduled for the bid opening, the Purchasing division shall announce the delay order to all in attendance and shall continue to maintain in its custody all properly submitted sealed bids until further order of the Board. At the time certain scheduled before the Board, the County Manager shall present his reason or reasons for the delay order and his recommendation for disposition of bids submitted. The Board may order the bids to be opened then and there, or at some other time and date certain; it may cancel the bid and order the return of all bids unopened; it may order a further delay of the bid opening; or it may make any other order appropriate to the circumstances. If the bids are ultimately opened, they shall be reviewed as provided elsewhere herein. If a delay occurs as provided herein, then the 30 day withdrawal period as provided in 8(I) shall commence upon the date of the actual bid opening, provided such date is not more than 60 days subsequent to the originally scheduled date. No delay shall be ordered beyond such 60 day period, unless the parties submitting timely bids consent to such delay in writing. In no event is the County Manager authorized to extend the deadline for bid submittals for any particular project, only the bid opening date.

(M) **Contractor's Insurance Requirement:**

1. Any Contractor submitting a bid for any public works project must include, within its initial bid response, proof of the following insurance, in effect continuously from the date of submittal through the 60 days subsequent to the scheduled bid opening date:

a. Commercial General Liability

1.	General Aggregate	\$1,000,000
2.	Products and Completed Operations Aggregate	\$1,000,000
3.	Personal and Advertising Injury	\$1,000,000
4.	Each Occurrence	\$1,000,000
5.	Fire Damage (any one fire)	\$ 50,000
6.	Medical Expense (any one person)	\$ 5,000

b. Automobile Liability

1.	Any automobile-Combined bodily injury/property damage,	\$1,000,000
----	--	-------------

with minimum limits for all additional coverage as required by Florida law

c. Workers Compensation/Employers Liability

1. Workers Compensation

statutory limits

2. Employers Liability

a.	Each Accident	\$ 100,000
b.	Disease-Policy	\$ 500,000
c.	Disease-Each Employee	\$ 100,000

d. Professional Liability

1. When required by contract-per occurrence

\$1,000,000

2. Upon being awarded the bid, the contractor must provide proof that such insurance will be in effect from the date of commencement of the project. The contractor will maintain insurance coverage at the above-prescribed levels through the date of completion of the project and that coverage will include all independent contractors and subcontractors. Either prior to or simultaneously with the execution of the contract, the successful bidder must deliver certificates of insurance for the required insurance coverages to the County naming "Clay County, a political subdivision of the State of Florida; The Board of County Commissioners, Clay County, Florida; and all public agencies of Clay County, as their interests may appear" as "Additional Insureds." Said certificates of insurance shall also include a thirty day prior written notice of cancellation, modification or non-renewal to be provided to the County.

3. The Board reserves the right to waive, raise or lower the minimum coverages required for particular projects prior to bid solicitation by affirmative action. The Board will not waive any defects in a bid submittal pertaining to matters under this subsection.

(N) Bid Awards and Protests:

1. Both the **INSTRUCTIONS** and the **PUBLISHED NOTICE** for every sealed bid solicitation shall include conspicuously the following statements:

FOLLOWING THE BID OPENING AND TABULATION, A "NOTICE OF INTENT TO AWARD BID" OR A "NOTICE OF REJECTION OF ALL BIDS" WILL BE POSTED ON THE INTERNET AT: [insert bid notice web address²]. THIS WEBPAGE CAN ALSO BE ACCESSED FROM THE HOMEPAGE OF THE COUNTY'S WEBSITE AT: [insert County's homepage address³] BY [insert suitable directions⁴]. NO OTHER NOTICE WILL BE POSTED.

¹ As of the date on which this Purchasing Policy was adopted, the bid notice web address was: <http://www.claycountygov.com/departments/purchasing-division/bcc-bid-tabs-current-bids-intent-bids-rejection-bids>.

² As of the date on which this Purchasing Policy was adopted, the County's homepage address was: <http://www.claycountygov.com/>.

³ As of the date on which this Purchasing Policy was adopted, suitable directions would be: "FOLLOWING THE "Notice of Intent Bids" LINK UNDER THE "Business" ROLLOVER BUTTON".

PROSPECTIVE BIDDERS ARE NOTIFIED THAT THE FAILURE TO INCLUDE WITHIN THE SEALED BID ENVELOPE A PROPER BID BOND OR OTHER SECURITY APPROVED UNDER THE COUNTY'S PURCHASING POLICY, IF REQUIRED FOR THIS SOLICITATION, OR THE FAILURE TO FILE A WRITTEN NOTICE OF PROTEST AND TO FILE A WRITTEN PETITION INITIATING A FORMAL PROTEST PROCEEDING WITHIN THE TIMES AND IN THE MANNER PRESCRIBED IN SECTION 8.N. OF SAID POLICY, SHALL CONSTITUTE A WAIVER OF THE RIGHT TO PROTEST THE BID SOLICITATION, ANY ADDENDUM THERETO, OR THE BID DECISION, AS APPLICABLE, AND TO INITIATE A FORMAL PROTEST PROCEEDING UNDER SAID POLICY. THE COUNTY'S PURCHASING POLICY CAN BE VIEWED AT THE COUNTY'S WEBSITE BY FOLLOWING THE APPROPRIATE LINKS FROM THE HOMEPAGE ADDRESS SET FORTH ABOVE.

IF A PROSPECTIVE BIDDER IS IN DOUBT WHETHER THIS SOLICITATION REQUIRES A BID BOND, SUCH PROSPECTIVE BIDDER IS SOLELY RESPONSIBLE FOR MAKING APPROPRIATE INQUIRY.

2. Unless otherwise expressly directed by the Board in its decision on a bid award, immediately following such decision the County Manager shall cause a "Notice of Intent to Award Bid" or a "Notice of Rejection of All Bids" to be posted on the County's website, with the time and date of posting appearing thereon. Notice shall not be posted elsewhere. The notice shall be posted in portable document format or other secure format.
3. The failure on the part of a prospective bidder to include within the sealed bid envelope a proper bid bond or other security approved under this policy, if required for the particular bid solicitation, or the failure by a prospective bidder to file a written notice of protest and to file a written petition initiating a formal protest proceeding within the times and in the manner prescribed in this section shall constitute a waiver of the prospective bidder's right to protest the bid solicitation, any addendum thereto, the Board's bid decision, as applicable, and to initiate a formal protest proceeding hereunder.
4. A prospective bidder is solely responsible for determining whether a particular bid solicitation requires a bid bond, and for resolving any doubt by making appropriate inquiry.
5. The County Manager shall cause a copy of this policy to be posted on the County's website in portable document format or other secure format. The County Manager shall cause to be established conspicuous and easy-to-follow links to the policy from the homepage.
6. Any person who is adversely affected by a bid solicitation, by any addendum thereto, or by a bid decision may file with the County Manager a written notice of protest no later than 4:30 p.m. on the third business day immediately following the date notice is published, with respect to a bid solicitation; no later than 4:30 p.m. on the third business day immediately following the date of issuance, with respect to a bid addendum; and within 72 hours after the posting of the

notice, exclusive of hours occurring during days that are other than business days, with respect to a bid decision.

7. A formal protest proceeding shall be deemed commenced upon the timely filing of a written petition initiating the same. A written petition initiating a formal protest proceeding must be filed with the County Manager no later than 4:30 p.m. on the tenth calendar day immediately following the date on which the written notice of protest was filed; provided, if the tenth calendar day is not a business day, then the petition must be filed no later than 4:30 p.m. on the first business day immediately following said tenth calendar day. The petition must set forth with particularity the facts and law upon which the protest is based. The petition must conform substantially with the requirements for petitions set forth in Rule 28-106.201, Florida Administrative Code. References in this section to a petition shall mean a written petition initiating a formal protest proceeding filed in accordance with this subsection.

8. Any protest of a bid solicitation or bid addendum shall pertain exclusively to the terms, conditions, and specifications contained in a bid solicitation or bid addendum, including any provisions governing the methods for ranking bids, proposals, or replies, awarding contracts, reserving rights of further negotiation, or modifying or amending any contract.

9. Upon receipt of a formal written notice of protest that has been timely filed, the County Manager shall suspend the bid solicitation or bid award process until the subject of the protest is resolved by final action as specified in this section, unless the County Manager sets forth in writing particular facts and circumstances which require the continuance of the solicitation or award process without delay in order to avoid an immediate and serious danger to the public health, safety, or welfare. Such suspension shall be lifted immediately in the event the protesting party shall have failed to timely file a petition.

10. Intervenors shall be permitted to participate in the formal protest proceeding in accordance with the procedures governing intervenor practice set forth in Rule Chapter 28-106, Florida Administrative Code, and shall be subject to all limitations provided therein applicable to intervenors.

11. In his or her discretion, the County Manager may provide an opportunity to resolve the protest by mutual agreement between the County Manager and the protesting party within 7 calendar days after receipt of a timely petition. Such agreement must be reduced to writing, signed by the County Manager and the protesting party or such party's authorized agent, and submitted to the Board at the earliest opportunity. The agreement shall not be deemed effective unless ratified by the Board. If the Board shall fail to ratify the agreement, then the protest shall proceed to resolution as hereinafter provided.

12. Within 10 business days following the timely filing of a petition, or, if the Board shall have considered but failed to ratify an agreement submitted to it under subsection 11, then within 10 business days thereafter, a hearing shall be conducted pursuant to subsection 13 before a hearing officer, who shall be the County Manager or his or her designee. The County Manager may designate any department head as the hearing officer; provided, a department head who is substantially involved in or connected with the bid solicitation or bid award process shall be

deemed disqualified from serving as the hearing officer, unless such involvement or connection is purely ministerial in nature.

13. All hearings shall be conducted pursuant to written notice to the protesting party, the County Attorney's Office and all intervenors by the hearing officer specifying the time, date and place of the hearing. Particular rules and procedures governing each such hearing are as follows:

- a. The audio thereof shall be recorded electronically.
- b. Prior to the hearing only, motion practice may be permitted by the hearing officer in his or her discretion in accordance with the rules governing the same set forth in Rule Chapter 28-106, Florida Administrative Code. All motions shall be ruled upon prior to or at the start of the hearing, except that rulings on motions in limine may be deferred to an appropriate time during or after the hearing.
- c. Prior to the hearing, the protesting party, the County and all intervenors must confer and endeavor to stipulate to as many relevant and undisputed facts upon which the decision is to be based as may be practicable. Such stipulation must also identify those issues of material fact, if any, that remain in dispute. The stipulation must be reduced to a writing signed by or on behalf of the protesting party, the County and all intervenors, and be submitted to the hearing officer at least two business days prior to the hearing. The stipulation may include an appendix comprising documents that shall be deemed admitted and considered as evidence for purposes of the hearing, or referring to tangible items deemed admitted and considered as evidence for purposes of the hearing, which items shall either be presented at the hearing or, if such presentation is impractical, submitted to the hearing officer by graphic, descriptive, representational, photographic, videotape or similar medium properly depicting or characterizing the items.
- d. The protesting party and all intervenors shall have the right to appear before the hearing officer at the hearing in proper person or through counsel and, as to those issues of material fact, if any, that remain in dispute, as identified in the stipulation, to present relevant testimonial, documentary and tangible evidence, and to be heard on the substantive issues bearing on the protest. The County shall be deemed a party to the proceeding, and the County Attorney or any assistant county attorney may participate in the protest proceeding, appear before the hearing officer, present evidence and be heard on behalf of the County.
- e. All witnesses shall be placed under oath by the hearing officer prior to testifying, and shall be subject to cross-examination by any hearing participant.
- f. Hearsay evidence shall be admissible unless the hearing officer shall determine the same to be redundant, unreliable or prejudicial.
- g. At the hearing any hearing participant may offer appropriate argument and summation, and submit a written brief and a proposed order, but only after the conclusion of the evidentiary portion of the hearing, if any.

h. Immediately following the hearing, the County Manager shall cause a written transcript of all testimonial evidence introduced at the hearing to be prepared expeditiously based upon the audio recording, and shall provide copies of the same to all of the hearing participants.

i. Within 7 business days following the hearing, the hearing officer shall submit a recommended order to the County Manager and serve copies on all hearing participants; provided, if the County Manager is the hearing officer, then within 7 business days following the hearing, the County Manager shall issue a recommended order and serve copies on all hearing participants. The recommended order shall contain findings of fact and, based upon such facts, a disposition of the protest; provided, no finding of fact may be predicated solely upon the basis of hearsay.

j. The recommended order shall thereafter be submitted to the Board along with the transcript of the hearing testimony and the entire written and tangible record of the protest proceedings at the earliest opportunity to be considered at a time certain, with notice thereof served upon the hearing participants. Each of the hearing participants shall be allowed 3 minutes to address the Board regarding the recommended order, unless the Chairman in his or her discretion shall allow additional time. If a hearing participant intends to challenge any finding of fact in a recommended order that was based upon testimonial evidence, such participant shall be allowed 2 additional minutes for such purpose, and may direct the attention of the Board members to any portion of the transcript relevant to the challenge. The other hearing participants shall each have the right to offer argument in rebuttal to the challenge, and to direct the attention of the Board members to any portion of the transcript relevant to the rebuttal. No testimony or other evidence beyond the record and the transcript shall be presented to the Board. Thereafter the Board shall render its decision on the protest. In so doing the Board shall be bound by the findings of fact in the recommended order that are based upon testimonial evidence, except those for which it upholds a challenge. A challenge shall be upheld only if the finding of fact is not supported by competent, substantial evidence in the record or in the transcript. Otherwise, the Board shall not be bound by any of the provisions of the recommended order. The decision of the Board shall be reduced to a written order signed by the Chairman, and shall constitute final action of the County on the protest.

k. The date, type and substance of all ex parte communications between any Board member and a hearing participant, including counsel therefor or any agent thereof, and between any Board member and third party, must be publicly disclosed by the Board member prior to the rendering of the Board's decision. All such communications that are written or received electronically must be filed for the record, and copies thereof provided to each Board member and hearing participant.

14. All proceedings before the hearing officer shall be informal, and customary rules of evidence shall be relaxed. In all respects both the hearing officer and the Board shall observe the

requirements of procedural and substantive due process that are the minimum necessary for accomplishing a fair, just and expeditious resolution of the protest.

15. Ex parte communications between a hearing participant and the hearing officer are forbidden. The hearing officer may take such steps as he or she may deem just and appropriate to prevent or sanction attempted ex parte communications, including promptly disclosing the attempted communication, or requiring the offending hearing participant to disclose promptly the attempted communication, to the other hearing participants. Where necessary, the hearing officer may recuse himself or herself, and the subsequently designated hearing officer may order the offending participant to pay for all or any portion of the costs incurred by the County and any other hearing participant strictly as a consequence of the ex parte communication or attempted ex parte communication, else be excluded from further participation. Neither the County Attorney nor any assistant county attorney shall be subject to this subsection or prohibited from engaging in ex parte communications with the hearing officer.

16. The purpose of this policy is to promote fairness and public confidence in the competitive bidding process. To further such end, and except as otherwise specifically provided herein, the substantive law governing the resolution of bid protests found in the decisions of the Florida appellate courts, as well as any statutes or agency rules that may be applicable to the particular bid solicitation, shall guide the hearing officer and the Board in rendering a decision on a bid protest under this section. The significant principles of law governing the bid protest and the resolution thereof, which shall prevail to the extent not otherwise in conflict with any governing statutes or agency rules, are as follows:

- a. The burden is on the party protesting the award of the bid to establish a ground for invalidating the award.
- b. The standard of proof for the protest proceeding shall be whether the proposed award was clearly erroneous, contrary to competition, arbitrary, or capricious.
- c. The proposed award shall be deemed arbitrary or capricious if it is contrary in a material way to any governing statutes, the County's rules or policies, or the bid or proposal instructions or specifications.
- d. The scope of the inquiry is limited initially to whether the proposed award is improper under the foregoing standard of proof. If and only if the hearing officer first determines on the basis of competent and substantial evidence that the proposed award is improper, then the hearing officer may recommend, in accordance with the law and this policy, an alternate disposition for the proposed award. Such disposition may include, but shall not be limited to, rejecting all bids, or awarding all or a portion of the bid to the protesting party.
- e. A bid protest proceeding may not serve as a vehicle for the Board to revisit the proposed award absent a determination of impropriety as set forth above.

17. By written agreement amongst the protesting party, the County, and all then-existing intervenors, any provision of this section pertaining to the procedures for resolving a protest for which a petition has been timely filed may be modified or waived so long as such modification or waiver shall not hinder or thwart the proper and expeditious resolution of the protest, or otherwise operate to undermine the salutary purposes of competitive, public bidding.
18. Only to the extent necessary to avoid a miscarriage of justice or to prevent a manifest violation of a hearing participant's procedural or substantive due process rights, a hearing officer may modify or suspend the applicability of any of the provisions or requirements of this section in the course of conducting a protest proceeding hereunder; provided, a hearing officer may not modify or suspend any of the provisions or requirements of subsections 3, 4, 6, 7, 8, 16, 20, 21 and 22 hereof.
19. Except and to the extent specifically provided in this section, and except and to the extent otherwise specified provided by written agreement amongst the protesting party, the County, and all then-existing intervenors, no provisions of Rule Chapter 28-106, Florida Administrative Code, shall be deemed applicable to the resolution of protests under this section.
20. For purposes of this section, the filing with the County Manager of a written notice of protest or of a written petition initiating a formal protest proceeding shall be deemed accomplished only when the original written notice or original written petition has been physically received by the County Manager or his or her designee. A notice or petition shall be deemed original only if it bears the original signature of the protesting party or such party's authorized agent. No notice or petition may be filed by facsimile transmission or by e-mail, and any notice or petition received in such manner shall be deemed unfiled and ineffective. The use of an overnight delivery service or of the United States Postal Service to file a notice or petition shall be entirely at the risk of the person submitting the same, and any such notice or petition so received after the applicable deadline shall be deemed untimely.
21. For purposes of this section, a business day shall mean any 24-hour day that is not a Saturday, a Sunday, or a holiday observed by the County.
22. For purposes of this section, counsel shall mean an attorney who is a member of the Florida Bar in good standing.
23. For purposes of this section, all notices of protest and petitions initiating formal protest proceedings, and all stipulations, briefs, proposed findings of fact, written motions and proposed orders submitted to a hearing officer shall be on white, opaque paper 8 ½ by 11 inches in size. The pages of all such documents shall have margins on all sides of not less than 1 inch; shall be in Times New Roman or Courier New font no smaller than 12 in size, including footnotes and endnotes; shall have standard double-spacing between lines, excluding quotations, footnotes and endnotes; and shall be numbered at the bottom. All quotations shall be indented. Briefs shall not exceed 15 pages in length, and may not include any appendices. A digital copy of all written stipulations, briefs, proposed findings of fact, written motions and proposed orders submitted to the hearing officer must be simultaneously provided to the hearing officer in Word format, version 2000 or later, on compact disc or 3 ½" diskette.

24. For purposes of this section, a hearing participant shall mean and include the protesting party, the County and any intervenor.

25. This section shall be construed and implemented so as to secure the just, speedy, and inexpensive resolution of bid protests.

(O) **UTILITY RELOCATION AGREEMENTS:** Prior to soliciting bids for right of way improvements and other public works projects that require the removal or relocation of utilities, agreements with the affected utilities must be entered into providing for the terms, scheduling and conditions of such relocation and removal. The County Manager may develop and maintain such form of agreement as may be appropriate for accomplishing the requirements of this section. (*Resolution No. 09/10-65*)

(P) **NO-CONTACT RULE:** (*Resolution No. 09/10-81*)

1. As used in this section and unless the context clearly requires otherwise, the following terms and phrases shall have the meanings herein ascribed:

a. Contacting shall mean communicating or attempting to communicate by any means, whether orally, telephonically, electronically or in writing.

b. Bidder shall mean any person or entity submitting a response to a bid solicitation, and shall include all owners, shareholders, principals, officers, employees and agents thereof.

c. Bid shall mean any bid, request for proposals and request for qualifications.

d. Solicitation period shall mean the time between the publication of the notice of the bid and the opening of the bid.

e. Evaluation period shall mean the time between the opening of the bid and the award thereof by the Board of County Commissioners.

2. The instructions for all solicitations of bids to be submitted under seal shall include provisions prohibiting bidders from contacting (i) any member of the Board of County Commissioners, the County Manager or any County employee or agent regarding the solicitation in any respect during the solicitation period, and (ii) the County Manager or any County employee or agent regarding the solicitation in any respect during the evaluation period. The violation of this rule shall result in the automatic disqualification of any response to a bid solicitation submitted by the violator, and the foregoing instructions shall so state.

3. The no-contact rule set forth in subsection 2 shall not apply to inquiries submitted to County employees or agents in the manner specifically provided in the bid solicitation package regarding the distribution thereof, or to communications seeking clarification regarding instructions or specifications submitted to County employees or agents in the manner specifically

provided in the bid solicitation package, or to pre-bid conferences provided for in the bid solicitation package, or to formal presentations by finalists to the Board of County Commissioners or any committee thereof specifically contemplated in the bid solicitation package.

4. The purpose of the no-contact rule set forth in subsection 2 is to prevent any one bidder from gaining an advantage over other bidders through lobbying or otherwise attempting to influence the procurement decision through discussions or the presentation of information or materials outside of the process contemplated in the bid solicitation package and this purchasing policy, and also to ensure that the dissemination of information from the County entity to bidders regarding the bid solicitation is equal and uniform.

ARMSTRONG

RECEIVED
PURCHASING DIVISION

2016 OCT -3 P 1:43

CLAY COUNTY BOARD OF
COMMISSIONERS

Bid NO. 15/16

Repairs at

Open Date:

Clay County Purchasing Division
477 Houston Street
PO Box 1366
Green Cove Springs, FL 32043

Receipt for Bid #: 15/16-30

Company Name: Armstrong Fence Co.

Feb 15

PRICE SHEET: BID NO.15/16-30, GALVANIZED CHAIN LINK FENCE REPAIRS

Location Cost per Specifications:

1) Pier Station Park	\$ 3,995.00
2) Omega Park:	\$ 15,465.00
a. Backstop Field 5	\$ 7,167.00
b. Outfield Field 1	\$ 9,108.00
3) Hunter Douglas Park	\$ 9,670.00
4) Greenwood Park	\$ 3,598.00
5) Walter Odum Park	\$ 5,812.00
6) P.C. Armstrong Park – Field #2 (Backfield)	\$ 9,251.00
7) Eagle Harbor Soccer Complex	\$ 10,095.00
8) Thunderbolt Park	\$ 14,484.00
Total Cost Per Specifications (Items 1 – 8):	\$ 69,521.00
Total Bid Written in Words:	sixty-nine thousand, five hundred twenty-one and ⁰⁰ / ₁₀₀ dollars

(Bid based on above total) Proposals require a five (5%) percent bid bond and may not be withdrawn after the scheduled opening time for a period of thirty (30) days.

The County reserves the right to select all or part of the projects quoted above as funding allows.

COMPANY NAME: George P. Coyle & Sons Inc.

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

CORPORATE DETAILS:

(Failure to complete all fields may result in your bid being rejected as non-responsive).

COMPANY NAME: George P. Coyle & Sons Inc.

ADDRESS: P.O. Box 2267

Jacksonville, FL 32203

TELEPHONE: 904-356-4821

FAX #: 904-355-4252

E-MAIL: gcoyle@coyle-and-sons.com

Name of Person submitting Bid: J. Garrett Coyle

Title: President

Signature: 

Date: 9-30-16

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that George P. Coyle & Sons Inc.. as Principal, hereinafter called the Principal, and Merchants Bonding Company a corporation duly organized under the laws of the State of IA as Surety, hereinafter called the Surety, are held and bound unto Clay County Board of County Commissioners as Obligee, hereinafter called the Obligee, in the sum of

Five Percent of Bid Amount

Dollars(5%)

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for

Bid No: 15/16-30 Galvanized Chain Link Fence Repairs at Various Clay County Parks

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and Sealed this 3rd day of October 2016

Valerie Camier
(Witness)

George P. Coyle & Sons Inc.
(Principal) (Seal)
President
(Title)

Heas
(Witness)

Merchants Bonding Company
(Surety) (Seal)
Robert T. Theus
(Title)
Robert T. Theus Attorney in Fact

MERCHANTS
BONDING COMPANY™
POWER OF ATTORNEY

Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., both being corporations duly organized under the laws of the State of Iowa (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint, individually,

Benjamin Powell; Fitzhugh K Powell Jr; Robert T Theus; Susan W Jordan; Walter N
Myers

of Jacksonville and State of Florida their true and lawful Attorney-in-Fact, with full power and authority hereby conferred in their name, place and stead, to sign, execute, acknowledge and deliver in their behalf as surety any and all bonds, undertakings, recognizances or other written obligations in the nature thereof, subject to the limitation that any such instrument shall not exceed the amount of:

FIFTEEN MILLION (\$15,000,000.00) DOLLARS

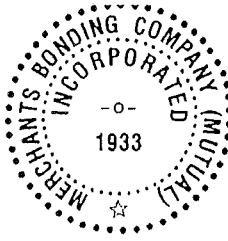
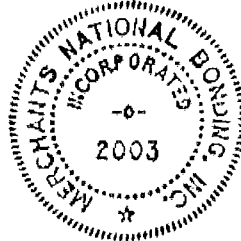
and to bind the Companies thereby as fully and to the same extent as if such bond or undertaking was signed by the duly authorized officers of the Companies, and all the acts of said Attorney-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This Power-of-Attorney is made and executed pursuant to and by authority of the following By-Laws adopted by the Board of Directors of the Merchants Bonding Company (Mutual) on April 23, 2011 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 24, 2011.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof.

The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed."

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 25th day of March, 2015.



MERCHANTS BONDING COMPANY (MUTUAL)
MERCHANTS NATIONAL BONDING, INC.

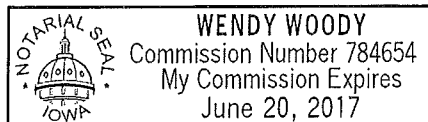
By

Larry Taylor
President

STATE OF IOWA
COUNTY OF POLK ss.

On this 25th day of March, 2015, before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of the MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument is the Corporate Seals of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.

In Testimony Whereof, I have hereunto set my hand and affixed my Official Seal at the City of Des Moines, Iowa, the day and year first above written.



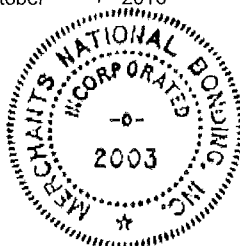
Wendy Woody

Notary Public, Polk County, Iowa

STATE OF IOWA
COUNTY OF POLK ss.

I, William Warner, Jr., Secretary of the MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this 3rd day of October, 2016.



William Warner Jr.
Secretary

**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion Form**

- (1) The prospective Vendor, George P. Coyle & Sons Inc., certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal Department or Agency.
- (2) Where the Vendor is unable to certify to the above statement, the prospective Vendor shall attach an explanation to this form.

Vendor:

George P. Coyle & Sons, Inc.

By:


Signature

J. Garrett Coyle, President
Name and Title

2361 Dennis St.
Street Address

Jacksonville, FL 32204
City, State, Zip

9-30-16
Date

Scrutinized Companies Certification

[Clay County BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks]

Name of Company:¹ George P. Coyle & Sons, Inc.

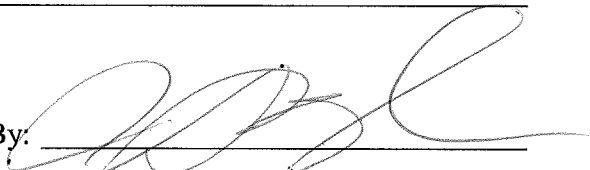
In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.

Insert Name of Company:

George P. Coyle & Sons Inc.

(Seal)

By:



J. Garrett Coyle

Its President

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.

“NO BID” Statement

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

If your company does not intend to bid on this procurement, please complete and return this form prior to the date shown for receipt of bids to: Clay County Purchasing Division, Attn: Donna Fish, P.O. Box 1366, Green Cove Springs, FL 32043

We, the undersigned, decline to bid on the above referenced invitation to bid for the following reasons:

- N/A
- ☐ Specifications are too restrictive (please explain below or attach separately)
 - ☐ Unable to meet specifications
 - ☐ Specifications were unclear (please explain below or attach separately)
 - ☐ Insufficient time to respond
 - ☐ We do not offer this product or service
 - ☐ Our schedule would not permit us to perform at this time
 - ☐ Unable to meet bond requirements
 - ☐ Other (please explain below or attach separately)

Remarks:

Company Name: _____ Telephone #: _____

Signature: _____ Fax #: _____

Print Name: _____ Title: _____

Address: _____

City: _____

Zip: _____

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type
See Specific Instructions on page 2.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

George P. Coyle & Sons Inc.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification; check only one of the following seven boxes:

- ☐ Individual/sole proprietor or single-member LLC
☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶
Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.
☐ Other (see instructions) ▶
- ☐ C Corporation ☒ S Corporation ☐ Partnership ☐ Trust/estate

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) 5

Exemption from FATCA reporting code (if any)

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.)

2361 Dennis St.

6 City, state, and ZIP code

Jacksonville, FL 32204

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number

				-						
--	--	--	--	---	--	--	--	--	--	--

or

Employer identification number

5	9	-	0	9	3	3	1	1	9
---	---	---	---	---	---	---	---	---	---

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign
Here

Signature of
U.S. person ▶

Date ▶

9-30-16

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



GEORPCO-01

AEVANS

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/28/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Cecil W. Powell & Company 219 N. Newnan Street Jacksonville, FL 32202	CONTACT NAME: Dora A Paratore	
	PHONE (A/C, No, Ext): (904) 353-3181	FAX (A/C, No): (904) 353-5722
INSURED George P Coyle & Sons Inc P O Box 2267 Jacksonville, FL 32203	E-MAIL ADDRESS: dparatore@cwppowellins.com	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A: National Trust Insurance Co	
	INSURER B: Monroe Guaranty Insurance Company	
	INSURER C: FCCI Commercial Insurance Co	
	INSURER D: Bridgefield Employers Ins Co	
INSURER E: FCCI Insurance Company		
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	X	X	GL000507110	12/31/2015	12/31/2016	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS	X	X	CA000838010	12/31/2015	12/31/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			UMB000492510	12/31/2015	12/31/2016	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	0830-55070	12/31/2015	12/31/2016	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
E	Installation Floater			CM00084922	12/31/2015	12/31/2016	Any One Jobsite 100,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: Bid No. 15/16-30 Galvanized Chain Link Fence Repairs at Various Clay County Parks.

Clay County, a political subdivision of the State of Florida; The Board of County Commissioners, Clay County Florida; and all public agencies of Clay County, as their interest may appear are Additional Insured on the General Liability, Auto and Excess Policies per the attached endorsement. A Waiver of Subrogation applies per the attached endorsement.

CERTIFICATE HOLDER Clay County Board of Count Commissioners 477 Houston Street Green Cove Springs, FL 32043	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
---	--

© 1988-2014 ACORD CORPORATION. All rights reserved.

FIRST CHOICE CONTRACTORS LIABILITY ENDORSEMENT

TABLE OF CONTENTS

DESCRIPTION	PAGE
Additional Insured Coverage	12
Bail Bonds.....	11
Blanket Waiver of Subrogation	17
Bodily Injury and Property Damage.....	1
Care, Custody or Control	3
Contractors Errors and Omissions	7
Contractual Liability (Personal & Advertising Injury)	2
Electronic Data Liability	1
General Liability Conditions	15
Incidental Malpractice	11
Insured	11
Limited Product Withdrawal Expense	4
Limits of Insurance.....	14
Loss of Earnings	11
Newly Formed or Acquired Organizations.....	13
Non-Owned Watercraft.....	1
Property Damage Liability – Borrowed Equipment.....	1
Voluntary Property Damage	2
Water Damage.....	9

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

FIRST CHOICE CONTRACTORS LIABILITY ENDORSEMENT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

NOTE: The following are additions, replacements and amendments to the Commercial General Liability Coverage Form, and will apply unless excluded by separate endorsement(s) to the Commercial General Liability Coverage Form.

The **COMMERCIAL GENERAL LIABILITY COVERAGE FORM** is amended as follows:

SECTION I - COVERAGES, COVERAGE A. BODILY INJURY AND PROPERTY DAMAGE is amended as follows:

1. Extended "Property Damage"

Exclusion 2.a., Expected or Intended Injury, is replaced with the following:

- a. "Bodily injury" or "property damage" expected or intended from the standpoint of the insured. This exclusion does not apply to "bodily injury" or "property damage" resulting from the use of reasonable force to protect persons or property.

2. Non-owned Watercraft

Exclusion 2.g. (2) (a) is replaced with the following:

- (a) Less than 51 feet long; and

3. Property Damage Liability – Borrowed Equipment

The following is added to Exclusion 2.j. (4):

Paragraph (4) of this exclusion does not apply to "property damage" to borrowed equipment while at a jobsite and not being used to perform operations. The most we will pay for "property damage" to any one borrowed equipment item under this coverage is \$25,000 per "occurrence". The insurance afforded under this provision is excess over any other valid and collectible property insurance (including deductible) available to the insured, whether primary, excess, contingent or on any other basis.

4. Limited Electronic Data Liability

Exclusion 2.p. is replaced with the following:

- p. Electronic Data

Damages arising out of the loss of, loss of use of, damage to, corruption of, inability to access, or inability to manipulate "electronic data" that does not result from physical injury to tangible property.

The most we will pay under Coverage A for "property damage" because of all loss of "electronic data" arising out of any one "occurrence" is \$10,000.

We have no duty to investigate or defend claims or "suits" covered by this Limited Electronic Data Liability

coverage.

The following definition is added to **SECTION V – DEFINITIONS** of the Coverage Form:

"Electronic data" means information, facts or programs stored as or on, created or used on, or transmitted to or from computer software (including systems and applications software), hard or floppy disks, CD-ROMS, tapes, drives, cells, data processing devices or any other media which are used with electronically controlled equipment.

For purposes of this **Limited Electronic Data Liability** coverage, the definition of "Property Damage" in **SECTION V – DEFINITIONS** of the Coverage Form is replaced by the following:

17. "Property damage" means:

- a. Physical injury to tangible property, including all resulting loss of use of that property. All such loss of use shall be deemed to occur at the time of the physical injury that caused it;
- b. Loss of use of tangible property that is not physically injured. All such loss of use shall be deemed to occur at the time of the "occurrence" that caused it;
- c. Loss of, loss of use of, damage to, corruption of, inability to access, or inability to properly manipulate "electronic data", resulting from physical injury to tangible property. All such loss of "electronic data" shall be deemed to occur at the time of the "occurrence" that caused it.

For purposes of this insurance, "electronic data" is not tangible property.

SECTION I – COVERAGES, COVERAGE B. PERSONAL AND ADVERTISING INJURY LIABILITY is amended as follows:

Paragraph 2.e. Exclusions – the Contractual Liability Exclusion is deleted.

SECTION I – COVERAGES, the following coverages are added:

COVERAGE D. VOLUNTARY PROPERTY DAMAGE

1. Insuring Agreement

We will pay, at your request, for "property damage" caused by an "occurrence", to property of others caused by you, or while in your possession, arising out of your business operations. The amount we will pay for damages is described in SECTION III LIMITS OF INSURANCE.

2. Exclusions

This insurance does not apply to:

"Property Damage" to:

- a. Property at premises owned, rented, leased or occupied by you;
- b. Property while in transit;
- c. Property owned by, rented to, leased to, loaned to, borrowed by, or used by you;
- d. Premises you sell, give away, or abandon, if the "property damage" arises out of any part of those

premises;

- e. Property caused by or arising out of the "products-completed operations hazard";
- f. Motor vehicles;
- g. "Your product" arising out of it or any part of it; or
- h. "Your work" arising out of it or any part of it.

3. Deductible

We will not pay for loss in any one "occurrence" until the amount of loss exceeds \$250. We will then pay the amount of loss in excess of \$250 up to the applicable limit of insurance.

4. Cost Factor

In the event of a covered loss, you shall, if requested by us, replace the damaged property or furnish the labor and materials necessary for repairs thereto at your actual cost, excluding profit or overhead charges.

The insurance afforded under COVERAGE D is excess over any other valid and collectible property or inland marine insurance (including the deductible applicable to the property or inland marine coverage) available to you whether primary, excess, contingent or any other basis.

Coverage D covers unintentional damage or destruction, but does not cover disappearance, theft, or loss of use.

The insurance under COVERAGE D does not apply if a loss is paid under COVERAGE E.

COVERAGE E. CARE, CUSTODY OR CONTROL

1. Insuring Agreement

We will pay those sums that the insured becomes legally obligated to pay as damages because of "property damage" caused by an "occurrence", to property of others while in your care, custody, or control or property of others as to which you are exercising physical control if the "property damage" arises out of your business operations. The amount we will pay for damages is described in SECTION III LIMITS OF INSURANCE.

2. Exclusions

This insurance does not apply to:

"Property Damage" to:

- a. Property at premises owned, rented, leased or occupied by you;
- b. Property while in transit;
- c. Premises you sell, give away, or abandon, if the "property damage" arises out of any part of those premises;
- d. Property caused by or arising out of the "products-completed operations hazard";

- e. Motor vehicles;
- f. "Your product" arising out of it or any part of it; or
- g. "Your work" arising out of it or any part of it.

3. Deductible

We will not pay for loss in any one "occurrence" until the amount of loss exceeds \$250. We will then pay the amount of loss in excess of \$250 up to the applicable limit of insurance.

4. Cost Factor

In the event of a covered loss, you shall, if requested by us, replace the damaged property or furnish the labor and materials necessary for repairs thereto at your actual cost, excluding profit or overhead charges.

The insurance afforded under COVERAGE E is excess over any other valid and collectible property or inland marine insurance (including the deductible applicable to the property or inland marine coverage) available to you whether primary, excess, contingent or any other basis.

The insurance under COVERAGE E does not apply if a loss is paid under COVERAGE D.

COVERAGE F. LIMITED PRODUCT WITHDRAWAL EXPENSE

1. Insuring Agreement

- a. If you are a "seller", we will reimburse you for "product withdrawal expenses" associated with "your product" incurred because of a "product withdrawal" to which this insurance applies.

The amount of such reimbursement is limited as described in SECTION III - LIMITS OF INSURANCE. No other obligation or liability to pay sums or perform acts or services is covered.

- a. This insurance applies to a "product withdrawal" only if the "product withdrawal" is initiated in the "coverage territory" during the policy period because:

(1) You determine that the "product withdrawal" is necessary; or

(2) An authorized government entity has ordered you to conduct a "product withdrawal".

- c. We will reimburse only those "product withdrawal expenses" which are incurred and reported to us within one year of the date the "product withdrawal" was initiated.

- d. The initiation of a "product withdrawal" will be deemed to have been made only at the earliest of the following times:

(1) When you have announced, in any manner, to the general public, your vendors or to your employees (other than those employees directly involved in making the determination) your decision to conduct a "product withdrawal" This applies regardless of whether the determination to conduct a "product withdrawal" is made by you or is requested by a third party;

(2) When you received, either orally or in writing, notification of an order from an authorized government entity to conduct a "product withdrawal; or

(3) When a third party has initiated a "product withdrawal" and you communicate agreement with the

"product withdrawal", or you announce to the general public, your vendors or to your employees (other than those employees directly involved in making the determination) your decision to participate in the "product withdrawal", whichever comes first.

- e. "Product withdrawal expenses" incurred to withdraw "your products" which contain:
 - (1) The same "defect" will be deemed to have arisen out of the same "product withdrawal"; or
 - (2) A different "defect" will be deemed to have arisen out of a separate "product withdrawal" if newly determined or ordered in accordance with paragraph 1.b of this coverage.

2. Exclusions

This insurance does not apply to "product withdrawal" expenses" arising out of:

- a. Any "product withdrawal" initiated due to:
 - (1) The failure of "your products" to accomplish their intended purpose, including any breach of warranty of fitness, whether written or implied. This exclusion does not apply if such failure has caused or is reasonably expected to cause "bodily injury" or physical damage to tangible property.
 - (2) Copyright, patent, trade secret or trademark infringements;
 - (3) Transformation of a chemical nature, deterioration or decomposition of "your product", except if it is caused by:
 - (a) An error in manufacturing, design, processing or transportation of "your product"; or
 - (b) "Product tampering".
 - (4) Expiration of the designated shelf life of "your product".
 - b. A "product withdrawal", initiated because of a "defect" in "your product" known to exist by the Named Insured or the Named Insured's "executive officers", prior to the inception date of this Coverage Part or prior to the time "your product" leaves your control or possession.
 - c. Recall of any specific products for which "bodily injury" or "property damage" is excluded under Coverage A - Bodily Injury And Property Damage Liability by endorsement.
 - d. Recall of "your products" which have been banned from the market by an authorized government entity prior to the policy period.
 - e. The defense of a claim or "suit" against you for "product withdrawal expenses".
3. For the purposes of the insurance afforded under COVERAGE F, the following is added to 2. Duties In The Event Of Occurrence, Offense, Claim Or Suit Condition under SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS:
- e. Duties In The Event Of A "Defect" Or A "Product Withdrawal"
 - (1) You must see to it that we are notified as soon as practicable of any actual, suspected or threatened "defect" in "your products", or any governmental investigation, that may result in a "product withdrawal". To the extent possible, notice should include:
 - (a) How, when and where the "defect" was discovered;

- (b) The names and addresses of any injured persons and witnesses; and
 - (c) The nature, location and circumstances of any injury or damage arising out of use or consumption of "your product".
- (2) If a "product withdrawal" is initiated, you must:
 - (a) Immediately record the specifics of the "product withdrawal" and the date it was initiated;
 - (b) Send us written notice of the "product withdrawal" as soon as practicable; and
 - (c) Not release, consign, ship or distribute by any other method, any product, or like or similar products, with an actual, suspected or threatened defect.
- (3) You and any other involved insured must:
 - (a) Immediately send us copies of pertinent correspondence received in connection with the "product withdrawal";
 - (b) Authorize us to obtain records and other information; and
 - (c) Cooperate with us in our investigation of the "product withdrawal".
- 4. For the purposes of this Coverage F, the following definitions are added to the Definitions Section:
 - a. "Defect" means a defect, deficiency or inadequacy that creates a dangerous condition.
 - b. "Product tampering" is an act of intentional alteration of "your product" which may cause or has caused "bodily injury" or physical injury to tangible property.

When "product tampering" is known, suspected or threatened, a "product withdrawal" will not be limited to those batches of "your product" which are known or suspected to have been tampered with.
 - c. "Product withdrawal" means the recall or withdrawal of "your products", or products which contain "your products", from the market or from use, by any other person or organization, because of a known or suspected "defect" in "your product", or a known or suspected "product tampering", which has caused or is reasonably expected to cause "bodily injury" or physical injury to tangible property.
 - d. "Product withdrawal expenses" means those reasonable and necessary extra expenses, listed below paid and directly related to a "product withdrawal":
 - (1) Costs of notification;
 - (2) Costs of stationery, envelopes, production of announcements and postage or facsimiles;
 - (3) Costs of overtime paid to your regular non-salaried employees and costs incurred by your employees, including costs of transportation and accommodations;
 - (4) Costs of computer time;
 - (5) Costs of hiring independent contractors and other temporary employees;
 - (6) Costs of transportation, shipping or packaging;

- (7) Costs of warehouse or storage space; or
 - (8) Costs of proper disposal of "your products", or products that contain "your products", that cannot be reused, not exceeding your purchase price or your cost to produce the products; but "product withdrawal expenses" does not include costs of the replacement, repair or redesign of "your product", or the costs of regaining your market share, goodwill, revenue or profit.
- e. "Seller" means a person or organization that manufactures, sells or distributes goods or products. "Seller" does not include a "contractor" as defined elsewhere in this endorsement.

The insurance under COVERAGE F does not apply if a loss is paid under COVERAGE G.

COVERAGE G. CONTRACTORS ERRORS AND OMISSIONS

1. Insuring Agreement

If you are a "contractor", we will pay those sums that you become legally obligated to pay as damages because of "property damage" to "your product", "your work" or "impaired property", due to faulty workmanship, material or design, or products including consequential loss, to which this insurance applies. The damages must have resulted from your negligent act, error or omission while acting in your business capacity as a contractor or subcontractor or from a defect in material or a product sold or installed by you while acting in this capacity. The amount we will pay for damages is described in SECTION III LIMITS OF INSURANCE.

We have no duty to investigate or defend claims or "suits" covered by this Contractors Errors or Omissions coverage.

This coverage applies only if the "property damage" occurs in the "coverage territory" during the policy period.

This coverage does not apply to additional insureds, if any.

Supplementary Payments – Coverage A and B do not apply to Coverage G. Contractors Errors and Omissions.

2. Exclusions

This insurance does not apply to:

- a. "Bodily injury" or "personal and advertising injury".
- b. Liability or penalties arising from a delay or failure to complete a contract or project, or to complete a contract or project on time.
- c. Liability because of an error or omission:
 - (1) In the preparation of estimates or job costs;
 - (2) Where cost estimates are exceeded;
 - (3) In the preparation of estimates of profit or return on capital;
 - (4) In advising or failure to advise on financing of the work or project; or
 - (5) In advising or failing to advise on any legal work, title checks, form of insurance or suretyship.

- d. Any liability which arises out of any actual or alleged infringement of copyright or trademark or trade dress or patent, unfair competition or piracy, or theft or wrongful taking of concepts or intellectual property.
- e. Any liability for damages:
 - (1) From the intentional dishonest, fraudulent, malicious or criminal acts of the Named Insured, or by any partner, member of a limited liability company, or executive officer, or at the direction of any of them; or
 - (2) Which is in fact expected or intended by the insured, even if the injury or damage is of a different degree or type than actually expected or intended.
- f. Any liability arising out of manufacturer's warranties or guarantees whether express or implied.
- g. Any liability arising from "property damage" to property owned by, rented or leased to the insured.
- h. Any liability incurred or "property damage" which occurs, in whole or in part, before you have completed "your work." "Your work" will be deemed completed at the earliest of the following times:
 - (1) When all of the work called for in your contract or work order has been completed;
 - (2) When all the work to be done at the job site has been completed if your contract calls for work at more than one job site; or
 - (3) When that part of the work done at a job site has been put to its intended use by any person or organization other than another contractor or subcontractor working on the same project.

Work that may need service or maintenance, correction, repair or replacement, but which is otherwise complete, will be treated as complete.
- i. Any liability arising from "property damage" to products that are still in your physical possession.
- j. Any liability arising out of the rendering of or failure to render any professional services by you or on your behalf, but only with respect to either or both of the following operations:
 - (1) Providing engineering, architectural or surveying services to others; and
 - (2) Providing or hiring independent professionals to provide engineering, architectural or surveying services in connection with construction work you perform.

Professional services include the preparing, approving or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders, or drawings and specifications. Professional services also include supervisory or inspection activities performed as part of any related architectural or engineering activities.

But, professional services do not include services within construction means, methods, techniques, sequences and procedures employed by you in connection with construction work you perform.
- k. Your loss of profit or expected profit and any liability arising therefrom.
- l. "Property damage" to property other than "your product," "your work" or "impaired property."
- m. Any liability arising from claims or "suits" where the right of action against the insured has been relinquished or waived.

- n. Any liability for "property damage" to "your work" if the damaged work or the work out of which the damage arises was performed on your behalf by a subcontractor.
- o. Any liability arising from the substitution of a material or product for one specified on blueprints, work orders, contracts or engineering specifications unless there has been written authorization, or unless the blueprints, work orders, contracts or engineering specifications were written by you, and you have authorized the changes.
- p. Liability of others assumed by the insured under any contract or agreement, whether oral or in writing. This exclusion does not apply to liability for damages that the insured would have in the absence of the contract or agreement.

3. For the purposes of Coverage G, the following definition is added to the Definitions section:

- a. "Contractor" means a person or organization engaged in activities of building, clearing, filling, excavating or improvement in the size, use or appearance of any structure or land. "Contractor" does not include a "seller" as defined elsewhere in this endorsement.

4. Deductible

We will not pay for loss in any one "occurrence" until the amount of loss exceeds \$250. The limits of insurance will not be reduced by the application of the deductible amount.

We may pay any part or all of the deductible amount to effect settlement of any claim or "suit", and upon notification of the action taken, you shall promptly reimburse us for such part of the deductible amount as has been paid by us.

5. Cost Factor

In the event of a covered loss, you shall, if requested by us, replace the damaged property or furnish the labor and materials necessary for repairs thereto at your actual cost, excluding profit or overhead charges.

The insurance under COVERAGE G does not apply if a loss is paid under COVERAGE F.

COVERAGE H. WATER DAMAGE LEGAL LIABILITY

1. Insuring Agreement

We will pay those sums the insured becomes legally obligated to pay as damages because of "property damage" arising out of water damage to premises that are both rented to and occupied by you. The amount we will pay for damages is limited as described in SECTION III – LIMITS OF INSURANCE.

This coverage applies only if the "property damage" occurs in the "coverage territory" during the policy period. This coverage does not apply to additional insureds, if any.

2. Exclusions

Coverage for Water Damage Legal Liability does not apply to:

- a. "Property damage" for which the insured is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages that the insured would have in the absence of the contract or agreement.

- b. "Property damage" caused by or resulting from any of the following:
 - 1) Mechanical breakdown, including rupture or bursting caused by centrifugal force;
 - 2) Wear and tear;
 - 3) Insects, birds, rodents or other animals;
 - 4) Rust, corrosion, fungus, decay, deterioration, hidden or latent defect or any quality in property that causes it to damage or destroy itself;
 - 5) Settling, cracking, shrinking or expansion; or
 - 6) Smog or smoke.
- c. "Property damage" caused directly or indirectly by any of the following:
 - 1) Flood, surface water, waves, tides, tidal waves, overflow of any body of water, or their spray, all whether driven by wind or not;
 - 2) Water that backs up from a sewer or drain;
 - 3) Water under the ground surface pressing on, or flowing or seeping through:
 - a) Foundations, walls, floors or paved surfaces;
 - b) Basements, whether paved or not; or
 - c) Doors, windows or other openings;
 - 4) Any earth movement, such as an earthquake, landslide, mine subsidence or earth sinking, rising or shifting;
 - 5) Mudslide or mudflow; or
 - 6) Volcanic eruption, explosion or effusion.
- d. "Property damage" caused by or resulting from any of the following:
 - 1) Water that leaks or flows from any plumbing, heating, air conditioning, or fire protection system caused by or resulting from freezing, unless:
 - a) You drain the equipment and shut off the water supply if the heat is not maintained; or
 - b) You make a reasonable effort to maintain heat in the building or structure.
- e. "Property damage" to:
 - 1) The interior of the premises caused by or resulting from rain or snow, whether driven by wind or not; or
 - 2) Plumbing, heating, air conditioning, fire protection systems, or other equipment or appliances.
- f. "Your work" to:
 - 1) Work or operations performed by you or on your behalf; and
 - 2) Equipment, parts or materials furnished in connection with such work or operations.

- 3) Representations or warranties made at any time with respect to durability, fitness, performance, quality or use of "your work".

SECTION I - COVERAGES, SUPPLEMENTARY PAYMENTS – COVERAGE A and B is amended as follows:

All references to SUPPLEMENTARY PAYMENTS – COVERAGES A and B are amended to SUPPLEMENTARY PAYMENTS – COVERAGES A, B, D, E, and G.

1. Cost of Bail Bonds

Paragraph 1.b. is replaced with the following:

- b. Up to \$2,500 for cost of bail bonds required because of accidents or traffic law violations arising out of the use of any vehicle to which the Bodily Injury Liability Coverage applies. We do not have to furnish these bonds.

2. Loss of Earnings

Paragraph 1.d. is replaced with the following:

- d. All reasonable expenses incurred by the insured at our request to assist us in the investigation or defense of the claim or "suit", including actual loss of earnings up to \$500 a day because of time off from work.

SECTION II – WHO IS AN INSURED is amended as follows:

1. Incidental Malpractice

Paragraph 2.a.(1)(d) is replaced with the following:

- (d) Arising out of his or her providing or failing to provide professional health care services. However, this exclusion does not apply to a nurse, emergency medical technician or paramedic employed by you to provide medical services, unless:
 - (i) You are engaged in the occupation or business of providing or offering medical, surgical, dental, x-ray or nursing services, treatment, advice or instruction; or
 - (ii) The "employee" has another insurance that would also cover claims arising under this provision, whether the other insurance is primary, excess, contingent or on any other basis.

2. Broadened Who Is An Insured

The following are added to Paragraph 2.:

Subsidiaries

- e. Your subsidiaries if:

- (1) They are legally incorporated entities; and
- (2) You own more than 50% of the voting stock in such subsidiaries as of the effective date of this policy. If such subsidiaries are not shown in the Declarations, you must report them to us within 180 days of the inception of your original policy.

Additional Insureds

- f. **General Provision.** Any person or organization which requires in a written agreement with you that such person or organization be made an additional insured under this policy. However, such person or organization shall be an additional insured only with respect to covered "bodily injury", "property damage", and "personal and advertising injury" which is caused, in whole or in part, by "your work" under that written agreement.

Specific Additional Insured Provisions.

Notwithstanding the general provision above, if the purported additional insured falls under one of the following specific categories, then only the following provisions shall apply to such additional insured:

If the additional insured is an owner, lessor or manager of premises, such person or organization shall be covered only with respect to liability arising out of the ownership, maintenance or use of that part of any premises leased to you and subject to the following additional exclusions:

- (1) Any "occurrence" that takes place after you cease to occupy those premises; or
- (2) Structural alterations, new construction or demolition operations performed by or on behalf of such person or organization.

If the additional insured is the state or any political subdivision, the state or political subdivision shall be covered only with respect to operations performed by you or on your behalf for which the state or political subdivision has issued a permit, and only with respect to liability as a permit issuer. This insurance does not apply to:

- (1) "Bodily injury", "property damage", or "personal and advertising injury" arising out of operations performed for the state or municipality; or
- (2) "Bodily injury" or "property damage" included within the "products-completed operations hazard".

If the additional insured is a lessor of leased equipment, such lessor shall be covered only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your maintenance, operation or use of equipment leased to you by such person(s) or organization(s). With respect to the insurance afforded to these additional insureds, this insurance does not apply to any "occurrence" which takes place after the equipment lease expires.

If the additional insured is an architect, engineer, or surveyor, such architect, engineer, or surveyor is an additional insured only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions, or the acts or omissions of those acting on your behalf in connection with your premises, or in the performance of your ongoing operations. With respect to the insurance afforded to these additional insureds, the following additional exclusion applies:

This insurance does not apply to "bodily injury", "property damage", or "personal and advertising injury" arising out of the rendering of or the failure to render any professional services by or for you, including:

- (1) The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field order, change orders, drawings and specifications; or
- (2) Supervisory, inspection, architectural or engineering activities.

If the additional Insured is a mortgagee, assignee, or receiver of premises, such mortgagee, assignee or receiver of premises is an additional insured only with respect to their liability arising out of the ownership, maintenance, or use of the premises by you. This insurance does not apply to structural alterations, new construction and demolition operations performed by or for that person or organization.

If the additional insured is a vendor, such vendor is an additional insured only with respect to "bodily injury" or "property damage" caused by "your products" which are distributed or sold in the regular course of the vendor's business, subject to the following additional exclusions:

The insurance afforded to the vendor does not apply to:

1.
 - a. "Bodily injury" or "property damage" for which the vendor is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages that the vendor would have in absence of the contract or agreement.
 - b. Any express warranty unauthorized by you;
 - c. Any physical or chemical change in "your product" made intentionally by the vendor;
 - d. Repackaging, unless unpacked solely for the purpose of inspection, demonstration, testing, or the substitution of parts under instructions from the manufacturer, and then repackaged in the original container;
 - e. Any failure to make such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products;
 - f. Demonstration, installation, servicing or repair operations, except such operations performed at the vendor's premises in connection with the sale of the product;
 - g. Products which, after distribution or sale by you, have been labeled or relabeled or used as a container, part or ingredient of any other thing or substance by or for the vendor; or
 - h. "Bodily injury" or "property damage" arising out of the sole negligence of the vendor for its own acts or omissions or those of its own acts or omissions or those of its employees or anyone else acting on its behalf. However, this exclusion does not apply to:
 - (1) The exceptions contained in Subparagraphs d. or f.; or
 - (2) Such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products.
2. This insurance does not apply to any insured person or organization, from whom you have acquired such products, or any ingredient, part or container, entering into, accompanying or containing such products.

3. Newly Formed or Acquired Organizations

Paragraph 3. is amended as follows:

- a. Coverage under this provision is afforded until the end of the policy period.
- d. Coverage A does not apply to product recall expense arising out of any withdrawal or recall that occurred before you acquired or formed the organization.

SECTION III – LIMITS OF INSURANCE is amended as follows:

1. Paragraph 2. is replaced with the following:

2. The General Aggregate Limit is the most we will pay for the sum of:
 - a. Medical expenses under Coverage C;
 - b. Damages under Coverage A, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard";
 - c. Damages under Coverage B;
 - d. Voluntary "property damage" payments under Coverage D;
 - e. Care, Custody or Control damages under Coverage E; and
 - f. Water damages under Coverage H.

2. Paragraph 5. is replaced with the following:

5. Subject to Paragraph 2. or 3. above, whichever applies, the Each Occurrence Limit is the most we will pay for the sum of:
 - a. Damages under Coverage A;
 - b. Medical expenses under Coverage C;
 - c. Voluntary "property damage" payments under Coverage D;
 - d. Care, Custody or Control damages under Coverage E;
 - e. Limited Product Withdrawal Expense under Coverage F;
 - f. Contractors Errors and Omissions under Coverage G; and
 - g. Water damages under Coverage H;because of all "bodily injury" and "property damage" arising out of any one "occurrence".

3. Paragraph 6. is replaced with the following:

6. Subject to Paragraph 5. above, the higher of \$300,000 or the Damage To Premises Rented To You Limit shown in the Declarations is the most we will pay under Coverage A for damages because of "property damage" to any one premises, while rented to you, or in the case of damage by fire or explosion, while rented to you or temporarily occupied by you with permission of the owner, arising out of any one fire or explosion.

4. Paragraph 7. is replaced with the following:

7. Subject to Paragraph 5. above, the higher of \$10,000 or the Medical Expense Limit shown in the Declarations is the most we will pay under Coverage C for all medical expenses because of "bodily injury" sustained by any one person.

5. Paragraph 8. is added as follows:

8. Subject to Paragraph 5. above, the most we will pay under Coverage D. Voluntary Property Damage for loss arising out of any one "occurrence" is \$1,500. The most we will pay in any one-policy period, regardless of the number of claims made or suits brought, is \$3,000.

6. Paragraph 9. is added as follows:

9. Subject to Paragraph 5. above, the most we will pay under Coverage E. Care, Custody or Control for "property damage" arising out of any one "occurrence" is \$1,000. The most we will pay in any one-policy period, regardless of the number of claims made or suits brought, is \$5,000.

7. Paragraph 10. is added as follows:

10. Subject to Paragraph 5. above, the most we will pay under Coverage F. Limited Product Withdrawal Expense for "product withdrawal expenses" in any one-policy period, regardless of the number of insureds, "product withdrawals" initiated or number of "your products" withdrawn is \$10,000.

8. Paragraph 11. is added as follows:

11. Subject to Paragraph 5. above, the most we will pay under Coverage G. Contractors Errors and Omissions for damage in any one-policy period, regardless of the number of insureds, claims or "suits" brought, or persons or organizations making claim or bringing "suits" is \$10,000.

For errors in contract or job specifications or in recommendations of products or materials to be used, this policy will not pay for additional costs of products and materials to be used that would not have been incurred had the correct recommendations or specifications been made.

9. Paragraph 12. is added as follows:

12. Subject to Paragraph 5. above, the most we will pay under Coverage H. Water Damage Legal Liability for "property damage" arising out of any one "occurrence" is \$300,000.

10. Paragraph 13. is added as follows:

13. The General Aggregate Limit applies separately to:

- a. Each of your projects away from premises owned by or rented to you; or
- b. Each "location" owned by or rented to you.

"Location" as used in this paragraph means premises involving the same or connecting lots, or premises whose connection is interrupted only by a street, roadway, waterway or right-of-way of a railroad.

SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS is amended as follows:

1. Subparagraph 2.a. of Duties In The Event Of Occurrence, Offense, Claim, or Suit is replaced with the following:

- a. You must see to it that we are notified as soon as practicable of an "occurrence" or an offense which may result in a claim. This requirement applies only when the "occurrence" or offense is known to the following:

- (1) An individual who is the sole owner;

- (2) A partner, if you are a partnership or joint venture;
- (3) An "executive officer" or insurance manager, if you are a corporation;
- (4) A manager, if you are a limited liability company;
- (5) A person or organization having proper temporary custody of your property if you die;
- (6) The legal representative of you if you die; or
- (7) A person (other than an "employee") or an organization while acting as your real estate manager.

To the extent possible, notice should include:

- (1) How, when and where the "occurrence" or offense took place;
- (2) The names and addresses of any injured persons and witnesses; and
- (3) The nature and location of any injury or damage arising out of the "occurrence" or offense.

2. The following is added to Subparagraph 2.b. of Duties In The Event Of Occurrence, Offense, Claim, or Suit:

The requirement in 2.b.applies only when the "occurrence" or offense is known to the following:

- (1) An individual who is the sole owner;
- (2) A partner or insurance manager, if you are a partnership or joint venture;
- (3) An "executive officer" or insurance manager, if you are a corporation;
- (4) A manager or insurance manager, if you are a limited liability company;
- (5) Your officials, trustees, board members or insurance manager, if you are a not-for-profit organization;
- (6) A person or organization having proper temporary custody of your property if you die;
- (7) The legal representative of you if you die; or
- (8) A person (other than an "employee") or an organization while acting as your real estate manager.

3. The following is added to paragraph 2. of Duties in the Event of Occurrence, Offense, Claim or Suit:

- e. If you report an "occurrence" to your workers compensation carrier that develops into a liability claim for which coverage is provided by the Coverage Form, failure to report such an "occurrence" to us at the time of the "occurrence" shall not be deemed a violation of paragraphs a., b., and c. above. However, you shall give written notice of this "occurrence" to us as soon as you become aware that this "occurrence" may be a liability claim rather than a workers compensation claim.

4. Paragraph 6. is replaced with the following:

6. Representations

By accepting this policy, you agree:

- a. The statements in the Declarations are accurate and complete;
- b. Those statements are based upon representations you made to us; and
- c. We have issued this policy in reliance upon your representations.

Any error or omission in the description of, or failure to completely describe or disclose any premises, operations or products intended to be covered by the Coverage Form will not invalidate or affect coverage for those premises, operations or products, provided such error or omission or failure to completely describe or disclose premises, operations or products was not intentional.

You must report such error or omission to us as soon as practicable after its discovery. However, this provision does not affect our right to collect additional premium charges or exercise our right of cancellation or nonrenewal.

5. The following is added to paragraph 8. Transfer Of Rights Of Recovery Against Others To Us:

We waive any right of recovery we may have because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a written contract requiring such waiver with that person or organization and included in the "products-completed operations hazard". However, our rights may only be waived prior to the "occurrence" giving rise to the injury or damage for which we make payment under this Coverage Part. The insured must do nothing after a loss to impair our rights. At our request, the insured will bring "suit" or transfer those rights to us and help us enforce those rights.

6. Paragraph 10. is added as follows:

10. Liberalization

If we revise this Coverage Form to provide more coverage without additional premium charge, your policy will automatically provide the additional coverage as of the day the revision is effective in the applicable state(s).

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSUREDS – PRIMARY/NON-CONTRIBUTORY
COVERAGE WHEN REQUIRED BY CONTRACT**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

The following is added to SECTION IV – Commercial General Liability Conditions, Paragraph 4, entitled “Other Insurance”, subsection b. entitled “Excess Insurance”, paragraph (1):

This insurance is excess over:

- (v) Any other insurance naming an additional insured as an insured on a primary basis, excess, contingent or on any other basis unless a written contract specifically requires that this insurance be primary and noncontributing. The written contract must be currently in effect or become effective during the term of this policy and must be executed prior to the “bodily injury”, “property damage” or “personal and advertising injury.”

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

FLORIDA AUTO FIRST CHOICE COVERAGE ENDORSEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

NOTE: The following are additions, replacements and amendments to the Business Auto Coverage Form, and will apply unless excluded by separate endorsement(s) to the Business Auto Coverage Form.

With respect to coverages provided by this endorsement, the provisions of the Business Auto Coverage Form apply unless modified by this endorsement.

The Business Auto Coverage Form is amended as follows:

SECTION II – LIABILITY COVERAGE is amended as follows:

A.1. Who Is An Insured provision is amended by adding the following:

- d. Any legally incorporated subsidiary of yours in which you own more than 50% of the voting stock on the effective date of this coverage form. However, "insured" does not include any subsidiary that is an "insured" under any other liability policy or would be an "insured" under such a policy but for its termination or the exhaustion of its limits of insurance. In order for such subsidiaries to be considered insured under this policy, you must notify us of such subsidiaries within 60 days of policy effective date.
- e. Any organization you newly acquire or form during the policy period, other than a partnership or joint venture, and over which you maintain sole ownership or a majority interest. However, coverage under this provision:
 - (1) Does not apply if the organization you acquire or form is an "insured" under another liability policy or would be an "insured" under such a policy but for its termination or the exhaustion of its limits of insurance;
 - (2) Does not apply to "bodily injury" or "property damage" that occurred before you acquired or formed the organization; and
 - (3) Is afforded only for the first 90 days after you acquire or form the organization or until the end of the policy period, whichever comes first.
- f. Any person or organization who is required under a written contract or agreement between you and that person or organization, that is signed and executed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to be named as an additional insured is an "insured" for Liability Coverage, but only for damages to which this insurance applies and only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Section II.
- g. Any "employee" of yours using:
 - (1) a covered "auto" you do not own, hire or borrow, or a covered "auto" not owned by an "employee" or a member of his or her household, while performing duties related to the conduct of your business or your personal affairs; or

(2) an "auto" hired or rented under a contract or agreement in that "employee's" name, with your permission, while performing duties related to the conduct of your business. However, your "employee" does not qualify as an insured under this paragraph (2) while using a covered "auto" rented from you or from any member of the "employee's" household

- h. Your members, if you are a limited liability company, while using a covered "auto" you do not own, hire or borrow, while performing duties related to the conduct of your business or your personal affairs.

A.2. Coverage Extensions, Supplementary Payments a.(2) and a (4) are deleted and replaced with the following:

- (2) Up to \$3,000 for cost of bail bonds (including bond for related traffic violations) required because of an "accident" we cover. We do not have to furnish these bonds.
- (4) All reasonable expenses incurred by the "insured" solely at our request, including actual loss of earnings up to \$500 a day because of time off from work.

B. Exclusions

5. Fellow Employee

"Bodily injury" to any fellow "employee" of the "insured" arising out of and in the course of a fellow "employee's" employment or while performing duties related to the conduct of your business. However, this exclusion does not apply to your "employees" that are officers or managers if the "bodily injury" results from the use of a covered "auto" you own, hire or borrow. Coverage is excess over any other collectible insurance.

SECTION III – PHYSICAL DAMAGE COVERAGE is amended as follows:

A. 4. Coverage Extensions a. and b. are deleted and replaced with the following:

a. Transportation Expenses:

We will pay up to \$75 per day to a total maximum of \$2,000 for temporary transportation expense incurred by you due to covered loss to any covered auto. We will pay only for those covered "autos" for which you carry either Comprehensive or Specified Causes Of Loss Coverage. We will pay for temporary transportation expenses incurred during the period beginning 24 hours after a loss and ending, regardless of the policy's expiration, when the covered "auto" is returned to use or we pay for its "loss".

b. Loss of Use Expenses

For Hired Auto Physical Damage, we will pay expenses for which an "insured" becomes legally responsible to pay for loss of use of a vehicle rented or hired without a driver, under a written rental contract or agreement. We will pay for loss of use expenses if caused by:

- (1) Other than collision only if the Declarations indicate that Comprehensive Coverage is provided for hired "autos";
- (2) Specified Causes of Loss only if the Declarations indicate that Specified Causes of Loss Coverage is provided for hired "autos"; or
- (3) Collision only if the Declarations indicate that Collision Coverage is provided for hired "autos".

However, the most we will pay for any expenses for loss of use to any one vehicle is \$75 per day, to a total maximum of \$2,000.

B. Exclusions

Paragraph 3. Is replaced with the following:

3. We will not pay for "loss" caused by or resulting from any of the following unless caused by other "loss" that is covered by this insurance:
 - a. Wear and tear, freezing, mechanical or electrical breakdown
 - b. Blowouts, punctures or other road damage to tires

However, this exclusion does not include the discharge of an airbag in a covered "auto" you own that inflates due to a cause other than a cause of "loss" set forth in Paragraphs **A.1.b** and **A.1.c.** but only:

- a. If that "auto" is a covered "auto" for Comprehensive Coverage under this policy;
- b. The airbags are not covered under any warranty; and
- c. The airbags were not intentionally inflated

We will pay up to a maximum of \$1,000 for any one "loss".

D. Deductible is replaced with the following:

For each covered "auto", our obligation to pay for, repair, return or replace damaged or stolen property will be reduced by the applicable deductible shown in the Declarations subject to the following:

Any Comprehensive Coverage deductible shown in the Declarations does not apply to:

- (1) "loss" caused by fire or lightning, and no deductible applies to glass damage to the side or rear windows if the glass is repaired rather than replaced. However, no deductible shall be applied to damage to the windshield of any covered "auto."
- (2) the comprehensive deductible is waived for theft if your vehicle is equipped with an active GPS tracking system.

The following Coverage Extension is added:

c. Fire Department Service Charge

When a fire department is called to save or protect a covered "auto", its equipment, its contents, or occupants from a covered cause of loss, we will pay up to \$1,000 for your liability for fire department service charges assumed by contractor or agreement prior to loss.

No deductible applies to this additional coverage.

d. Auto Loan/Lease Gap Coverage

For those businesses not shown in the Declarations as "auto" dealerships, the following provisions apply:

- (1) If a long term leased "auto", under an original lease agreement, is a covered "auto" under this Coverage Form and the lessor of the covered "auto" is named as an additional insured under this policy, in the event of a total loss to the leased covered "auto", we will pay any unpaid amount due on the lease, less the amount paid under the Physical Damage Coverage Section of the policy; and less any:

- (a) Overdue lease or loan payments including penalties, interest, or other charges resulting from overdue payments at the time of the "loss";
 - (b) Financial penalties imposed under a lease for excessive use, abnormal wear and tear or high mileage;
 - (c) Security deposits not refunded by the lessor;
 - (d) Costs for extended warranties, Credit Life Insurance, Health Accident or Disability Insurance purchased with the loan or lease; and
 - (e) Carry-over balances from previous leases.
- (2) If an owned "auto" is a covered "auto" under this Coverage Form and the loss payee of the covered "auto" is named a loss payee under this policy, in the event of a total loss to the covered "auto", we will pay any unpaid amount due on the loan, less the amount paid under the Physical Damage Coverage Section of the policy; and less any;
- (a) Overdue loan payments at the time of the "loss";
 - (b) Costs for extended warranties, Credit Life Insurance, Health Accident or Disability Insurance purchased with the loan; and
 - (c) Carry-over balances from previous loans.

SECTION IV – BUSINESS AUTO CONDITIONS is amended as follows:

A. Loss Conditions.

2.a. Duties in the Event of Accident, Claim, Suit or Loss is amended to add the following paragraph:

- (4) This duty applies when the "accident", claim, "suit" or "loss" is first known to:
- (a) You, if you are an individual;
 - (b) A partner, if you are a partnership;
 - (c) An executive officer or insurance manager, if you are a corporation; or
 - (d) A member or manager, if you are a limited liability company.

5. Transfer Of Rights Of Recovery Against Others To Us is replaced with the following:

If a person or organization to or for whom we make payment under this Coverage Form has rights to recover damages from another, those rights are transferred to us. That person or organization must do everything necessary to secure our rights and must do nothing after "accident" or "loss" to impair them. However, if the insured has waived rights to recover through a written contract, or if your work was commenced under a letter of intent or work order, subject to a subsequent reduction in writing of such a waiver with customers whose customary contracts require a waiver, we waive any right of recovery we may have under this Coverage Form.

B. General Conditions

2. Concealment, Misrepresentation or Fraud is amended to include the following:

However, if you unintentionally fail to disclose any hazards at the inception of your policy, we will not deny coverage under this Coverage Form because of such failure. This provision does not affect our right to collect additional premium or exercise our right of cancellation or non-renewal.

5. Other Insurance - Paragraph b. is replaced as follows:

b. For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own;

- (1) Any covered "auto" you lease, hire, rent or borrow; and
- (2) Any covered "auto" hired or rented by your "employee" under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business. However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto", nor is any "auto" you hire from any of your "employees", partners (if you are a partnership), members (if you are a limited liability company), or members of their households.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

SCHEDULE

Name of Person or Organization:

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

Paragraph 5. the Transfer of Rights of Recovery Against Others to Us Condition (**Section IV – Business Auto Conditions**) is amended by the addition of the following:

However, we will waive any right of recovery we may have against the person or organization shown in the Schedule above because of payments we make under this Coverage Form arising out of an "accident" or "loss" if:

- a. The "accident" or "loss" is caused by operations undertaken by you in accordance with the contract existing between you and such person or organization shown in the Schedule above; and
- b. The contract or agreement was executed prior to any "accident" or "loss."

Our waiver of our right to recovery applies only to the extent that the person or organization shown in the Schedule above is considered to be either an Additional Insured under the policy or is entitled to indemnity from you. No waiver of the right of recovery will directly or indirectly apply to your employees or employees of the person or organization shown in the Schedule, and we reserve our rights or lien to be reimbursed from any recovery funds obtained by an injured employee.

RECEIVED
PURCHASING DIVISION

2016 OCT -3 P 2:06

CLAY COUNTY BOARD OF
COMMISSIONERS

Clay County Purchasing Division
477 Houston Street
PO Box 1366
Green Cove Springs, FL 32043

Receipt for Bid #: 15/16-30

Company Name:

George R. Cogle & Sons

Bid No: 15/16-30 GC

Fence Repairs at Various Clay County Parks

Park Name: Oct 3, 2016 4:00 PM


Park Name: Oct 4, 2016 1:00 PM

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

CORPORATE DETAILS:

(Failure to complete all fields may result in your bid being rejected as non-responsive).

COMPANY NAME: CHARLES WHITE FENCE FAC,
ADDRESS: 6828 N.E. JACKSONVILLE ROAD
OCALA FL. 34479

TELEPHONE: 352-369-9592
FAX #: 352-369-8900
E-MAIL: CWHITE FENCE @HOTMAIL.COM
Name of Person submitting Bid: CHARLES WHITE
Title: PRESIDENT
Signature: 
Date: 10-2-16

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. ✓ Date: 9-28-16 Acknowledged by: CHARLES WHITE
Addendum No. Date: Acknowledged by:
Addendum No. Date: Acknowledged by:

PRICE SHEET: BID NO.15/16-30, GALVANIZED CHAIN LINK FENCE REPAIRS

Location Cost per Specifications:

- | | |
|---|-------------------|
| 1) Pier Station Park | \$ <u>2095.00</u> |
| 2) Omega Park: | \$ <u>3699.00</u> |
| a. Backstop Field 5 | \$ <u>2497.00</u> |
| b. Outfield Field 1 | \$ <u>2497.00</u> |
| 3) Hunter Douglas Park | \$ <u>6775.00</u> |
| 4) Greenwood Park | \$ <u>2399.00</u> |
| 5) Walter Odum Park | \$ <u>3695.00</u> |
| 6) P.C. Armstrong Park – Field #2 (Backfield) | \$ <u>6285.00</u> |
| 7) Eagle Harbor Soccer Complex | \$ <u>7186.00</u> |
| 8) Thunderbolt Park | \$ <u>9994.00</u> |

Total Cost Per Specifications (Items 1 – 8): \$ 47,122.00

Total Bid Written in Words: forty seven thousand one hundred twenty two & 00/100

(Bid based on above total) Proposals require a five (5%) percent bid bond and may not be withdrawn after the scheduled opening time for a period of thirty (30) days.

The County reserves the right to select all or part of the projects quoted above as funding allows.

COMPANY NAME: Charles White Fence Inc.



CHARL57

OP ID: JS

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

04/13/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Main Street America Group - So Southern Region Po Box 2006 Keene, NH 03431 USI Insurance Services CL SC	CONTACT NAME: USI Insurance Services CL SC	FAX (A/C, No): 866-332-4776
	PHONE (A/C, No, Ext): 866-468-8034	E-MAIL ADDRESS: servicecenter@msagroup.com
INSURED Charles White Fence Inc. 6828 NE Jacksonville Road Ocala, FL 34479	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Old Dominion Insurance Co	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
INSURER F:		
		NAIC # 40231

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X	X	MPG3955A	03/31/2016	03/31/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/OP AGG \$ 2,000,000
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED \$ RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

See Holder Notes for Additional Insured Conditions.

CERTIFICATE HOLDER**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

© 1988-2014 ACORD CORPORATION. All rights reserved.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
02/01/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Jeff Duval State Farm Insurance
2709 SW 27th Ave Ste. 102
Ocala, FL 34471



INSURED Charles & Dignorah White
13515 NE 41st Ter
Anthony, FL 32617

CONTACT NAME: Ginny Spear
PHONE (A/C, No, Ext): 352-237-5499 **FAX (A/C, No):** 352-854-6585
E-MAIL: Ginny.Spear.h4s4@statefarm.com
ADDRESS: Ginny.Spear.h4s4@statefarm.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A: State Farm Mutual Automobile Insurance Company	25178
INSURER B: State Farm Mutual Automobile Insurance Company	25178
INSURER C:	
INSURER D:	
INSURER E:	
INSURER F:	

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY						EACH OCCURRENCE \$
	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG \$
	<input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						\$
A	AUTOMOBILE LIABILITY			R077607	02/22/2016	08/22/2016	COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$ 1,000,000
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident) \$ 1,000,000
	<input checked="" type="checkbox"/> SCHEDULED AUTOS						PROPERTY DAMAGE (Per accident) \$ 1,000,000
	<input type="checkbox"/> HIRED AUTOS						\$
							\$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	<input type="checkbox"/> EXCESS LIAB						AGGREGATE \$
	<input type="checkbox"/> OCCUR						\$
	<input type="checkbox"/> CLAIMS-MADE						\$
	DED RETENTION \$						WC STATU-TORY LIMITS OTH-ER
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						E.L. EACH ACCIDENT \$
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICE/MEMBER EXCLUDED? (Mandatory in NH)	Y/N					E.L. DISEASE - EA EMPLOYEE \$
	If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				E.L. DISEASE - POLICY LIMIT \$
B	EMPLOYERS NONOWNED CAR LIABILITY			4267891	01/26/2016	07/28/2016	BODILY INJURY (PER PERSON) 100,000
							BODILY INJURY (PER ACCIDENT) 300,000
							PROPERTY DAMAGE 50,000
							(PER ACCIDENT)

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Additional Insured: Home Depot USA, Inc. and its parents, affiliates, and subsidiaries

CERTIFICATE HOLDER**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Jeff Duval

© 1988-2010 ACORD CORPORATION. All rights reserved.

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
CHARLES WHITE

2 Business name/disregarded entity name, if different from above
CHARLES WHITE FENCE INC.

3 Check appropriate box for federal tax classification; check only one of the following seven boxes:
☐ Individual/sole proprietor or single-member LLC
☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶
☒ S Corporation
☐ C Corporation
☐ Partnership
☐ Trust/estate
☐ Other (see instructions) ▶
Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
Exempt payee code (if any) _____
Exemption from FATCA reporting code (if any) _____
(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.)
4828 HE JACSONVILLE ROAD

6 City, state, and ZIP code
OCALA FL 34479

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number

			-			-			
--	--	--	---	--	--	---	--	--	--

or

Employer identification number

20	-	83	6	7	8	3	7
----	---	----	---	---	---	---	---

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here Signature of U.S. person ▶ **[Signature]** Date ▶ **10-3-16**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)

- Form 1099-C (canceled debt)

- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding?* on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

PRINTED ON UNRECYCLED PAPER. HOLD TO LIGHT TO VIEW FOR ADDITIONAL SECURITY FEATURES. SEE BACK.

0066574
Office AU #

11/24
1210(8)

CASHIER'S CHECK

6657401010

Remitter: CHARLES E WHITE
Operator ID: u265054

October 03, 2016

PAY TO THE ORDER OF ***CLAY COUNTY BOARD OF COUNTY COMMISSIONER***

Two thousand three hundred fifty-six dollars and 10 cents

***\$2,356.10**

Payee Address:
Memo:

WELLS FARGO BANK, N.A.
425 N ORANGE AVE
GREEN COVE SPRINGS, FL 32043
FOR INQUIRIES CALL (480) 394-3122

VOID IF OVER US \$ 2,356.10

Richard Kerry
CONTROLLER

Security Features Included. Details on Back.

⑈6657401010⑈ ⑆121000248⑆4861 513240⑈

**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion Form**

- (1) The prospective Vendor, Charles White Fence Inc., certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal Department or Agency.
- (2) Where the Vendor is unable to certify to the above statement, the prospective Vendor shall attach an explanation to this form.

Vendor:

Charles White Fence Inc.

By: 
Signature

Charles White President
Name and Title

6828 N.E. JACKSONVILLE ROAD
Street Address

CCALA FL. 34479
City, State, Zip

10-2-16
Date

Scrutinized Companies Certification

[Clay County BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks]

Name of Company:¹ CHARLES WHITE FENCE INC.

In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.

Insert Name of Company:

CHARLES WHITE FENCE INC.
[Signature]

(Seal)

Dana Williams
State of Florida



My Commission Expires 03/02/2020
Commission No. FF 966793

By: Dana Williams
October 3, 2016

Its _____

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.

Issued: 9/28/16

Clarification No. 1
Bid 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

DUE DATE: Monday, October 3, 2016, 4:00 pm

OPEN DATE: Tuesday, October 4, 2016, 1:00 pm

The following clarifications are for the above bid number and title:

1. What are liquidated damages on this project?

Response: There are no liquidated damages for this project.

2. Please confirm a bid bond is required?

Response: A 5% bid bond is required.

3. With regards to Walter Odum, am I correct in assuming no work is to be done to the backstop or sideline fence.

Response: No work is to be done on the backstop or sideline fence at Walter Odom Park.

4. With regards to Walter Odum, are you referring to the 10 line posts when you reference replacing all tubing w/ 2" Sch 40 pipe?

Response: Yes, replace all light gauge tubing with 2" Sch 40 pipe.

5. For Omega Park - It says to remove and replace approx. 336' of 8' outfield fence. Please verify 336' is correct.

Response: 336' at Omega Park is correct.

6. For Eagle Harbor - Please confirm the lf for Eagle Harbor is 600'. I walked the entire soccer fields today and did not find a location where there is a 90 degree fence layout w/ a 217' leg and a 383' leg. I did find a 90 degree fence layout in the back corner where there is a 383' leg and 667' leg that ties into newer fence.

Response: 217' and 383' at Eagle Harbor are correct.

ms
10/3/16

**BOARD OF COUNTY COMMISSIONERS
CLAY COUNTY, FLORIDA**

REQUEST FOR PROPOSALS

**BID NO. 15/16-30, Galvanized Chain Link Fence
Repairs at Various Clay County Parks**

**DUE DATE: October 3, 2016 at 4:00 pm
OPEN DATE: October 4, 2016 at 1:00 pm**



**Issued By:
Clay County Board of County Commissioners
Purchasing Division**

TABLE OF CONTENTS

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

Request for Bid Advertisement	3-5
Request for Bid Instructions	6-12
Specifications.....	13-28
Price Sheet	29
Corporate Details	30
Certification Regarding Debarment.....	31
Scrutinized Companies Certification.....	32
No Bid Statement.....	33
Procedures for Bid Opening	34-45

Attachments:

W-9

REQUEST FOR BID

NOTICE IS HEREBY GIVEN that sealed proposals will be received until 4:00 P.M., Monday, October 3, 2016, at the Clay County Administration Building, 4th floor, Reception Area, 477 Houston Street, Green Cove Springs, Florida 32043, for the following:

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

Bids will be opened at 1:00 P.M., or as soon thereafter as possible, on Tuesday, October 4, 2016 in the Clay County Administration Building, Conference Room "B", fourth floor, 477 Houston Street, Green Cove Springs, Florida, in the presence of the Purchasing Department staff and all other interested persons.

The opened Bids will be read aloud and preserved in the custody of the Purchasing Department for later examination for conformance to specifications and tabulated. The Finance and Audit Committee of the Board will present its recommendations to the Board of County Commissioners as soon thereafter as possible.

Bids will not be valid unless received by the proposal deadline and in a sealed envelope marked: **"BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks"**, to be received until 4:00 P.M., Monday, October 3, 2016. Envelopes are to be sent or delivered in person to the above address. No postal mail will be accepted.

Proposals require a five percent (5%) bid bond and may not be withdrawn after the scheduled opening time for a period of thirty (30) days. The term bond shall include cashier or certified checks payable to the County.

During the bidding process, all prospective proposers are hereby prohibited from contacting (i) any member of the Board of County Commissioners, the County Manager or any County employee or agent regarding the solicitation in any respect during the solicitation period, and (ii) the County Manager or any County employee or agent regarding the solicitation in any respect during the evaluation period. The violation of this rule shall result in the automatic disqualification of any response to a bid solicitation submitted by the violator, and the foregoing instructions shall so state (as specified in Section P of Chapter 8 of the Purchasing Manual attached hereto). The no-contact rule set forth shall not apply to inquiries submitted to County employees or agents in the manner specifically provided in the bid solicitation package regarding the distribution thereof, or to communications seeking clarification regarding instructions or specifications submitted to County employees or agents in the manner specifically provided for in the bid solicitation package, or to pre-bid conferences provided for in the bid solicitation package, or to formal presentations by finalists to the Board of County Commissioners or any committee thereof specifically contemplated in the bid solicitation package. For information concerning procedures for responding to this Bid, contact the Purchasing Division, Donna Fish by email donna.fish@claycountygov.com or at (904) 278-3761.

The County reserves the right to waive formalities in any response, to reject any or all responses with or without cause, to waive technical and non-technical or non-material defects in the solicitation or submittal of any responses, including the lack of availability of adequate funds,

regulatory agency requirements, to make award in part or completely, and/or to accept the response that, in its judgment, will be in the best interest of the County of Clay. Bid proposals in which the prices obviously are unbalanced will be rejected.

FOLLOWING THE BID OPENING AND TABULATION, A “NOTICE OF INTENT TO AWARD BID” OR A “NOTICE OF REJECTION OF ALL BIDS” WILL BE POSTED ON THE INTERNET AT: <http://www.claycountygov.com/departments/purchasing-division/bcc-bid-tabs-current-bids-intent-bids-rejection-bids> THIS WEB PAGE CAN ALSO BE ACCESSED FROM THE HOMEPAGE OF THE COUNTY’S WEBSITE AT: www.claycountygov.com BY FOLLOWING THE “NOTICE OF INTENT BIDS” LINK UNDER THE “BUSINESS” ROLLOVER BUTTON ON THE COUNTY’S HOMEPAGE. NO OTHER NOTICE WILL BE POSTED.

PROSPECTIVE BIDDERS ARE NOTIFIED THAT THE FAILURE TO INCLUDE WITHIN THE SEALED BID ENVELOPE, A PROPER BID BOND OR OTHER SECURITY APPROVED UNDER THE COUNTY’S PURCHASING POLICY, IF REQUIRED FOR THIS SOLICITATION, OR THE FAILURE TO FILE A WRITTEN PETITION INITIATING A FORMAL PROTEST PROCEEDING WITHIN THE TIMES AND IN THE MANNER PRESCRIBED IN SECTION 8. (N), OF SAID POLICY, SHALL CONSTITUTE A WAIVER OF THE RIGHT TO PROTEST THE BID SOLICITATION, ANY ADDENDUM THERETO, OR THE BID DECISION, AS APPLICABLE, AND TO INITIATE A FORMAL PROTEST PROCEEDING UNDER SAID POLICY. THE COUNTY’S PURCHASING POLICY CAN BE VIEWED AT THE COUNTY’S WEBSITE BY FOLLOWING THE APPROPRIATE LINKS FROM THE HOMEPAGE ADDRESS SET FORTH ABOVE.

IF A PROSPECTIVE BIDDER IS IN DOUBT WHETHER THIS SOLICITATION REQUIRES A BID BOND, SUCH PROSPECTIVE BIDDER IS SOLELY RESPONSIBLE FOR MAKING APPROPRIATE INQUIRY.

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

-----END OF NOTICE-----

BID ADVERTISEMENTS SCHEDULE

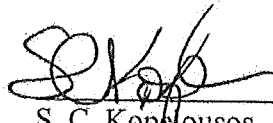
BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

(CLAY TODAY) For publication on: September 8, 2016

(CLAY COUNTY WEBSITE) For: September 8, 2016

PLEASE SEND ORIGINAL INVOICE AND PROOF OF PUBLICATION TO:

Clay County Board of County Commissioners
Purchasing Department
477 Houston Street
Green Cove Springs, Florida 32043
ATTENTION: Donna Fish



S. C. Kopolousos
County Manager

REQUEST FOR BID INSTRUCTIONS

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

1. **Delivery and Receipt of Bids:** All sealed Bids submitted shall be received by the Purchasing Division of Clay County, Florida.

Proposals submitted in person or by courier services will be received at:

Clay County Administrative Building
Fourth Floor, Reception Area
477 Houston Street, Green Cove Springs, Florida 32043

Three copies of the bid must be received in a sealed envelope. Proof of liability insurance, form W-9 taxpayer identification number, and bid information shall be included with all responses submitted.

The words **“BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks”** shall be clearly marked on the front and back of the envelope containing the Bid.

2. **Due Date and Opening Date:** Bids will be received by carrier or in person until Monday, October 3, 2016 at 4:00 p.m. and will be opened on Tuesday, October 4, 2016 at 1:00 p.m. or soon thereafter, in the Clay County Administration Building, 477 Houston Street, Conference Room “B”, Fourth Floor, Green Cove Springs, Florida. Bids will be reviewed by Clay County as soon thereafter as possible.
 - A. All Bids will be “clocked” at the time they are received to indicate the time and date of receipt.
 - B. Bids WILL NOT be accepted in person after the time and date specified.
 - C. Bids received by mail WILL NOT be accepted if they are received after the time and date specified regardless of the postmark or circumstances.
 - D. No postal mail will be accepted.

Proposals require a five percent (5%) bid bond and may not be withdrawn after the scheduled opening time for a period of thirty (30) days. The term bond shall include cashier or certified checks payable to the County.

3. **Withdrawal of Bid:** Bids may be withdrawn by a written or faxed request by the Bidder and received by the Manager of the Purchasing Division before the date and time for receiving Bids has expired. Negligence on the part of the Bidder in preparing a Bid is not grounds for withdrawal or modification of a Bid after such Bid has been opened by the County. Bidders may not withdraw or modify a Bid after the appointed Bid Opening, and Bids will be in force for a minimum of thirty (30) days after the Bid Opening. Bidders may not assign or otherwise transfer their Bids.
4. **Inquiries/Questions:** Any questions regarding this Bid must be directed to **Donna Fish** (the authorized contact person) via email at donna.fish@claycountygov.com (preferred method) or by calling (904) 278-3761. Written inquiries/questions must be received by **September 23,**

2016. Responses to questions, clarifications, and addenda will be distributed to potential Bidders by email. It is the responsibility of interested Bidders to verify if this information has been issued prior to submitting a Bid.

5. **No Contact Period:** During the Bidding process, all prospective Bidders are hereby prohibited from contacting (1) any member of the Board of County Commissioners, the County Manager or any County employee or agent regarding the solicitation in any respect during the solicitation period, and (2) the County Manager or any County employee or agent regarding the solicitation in any respect during the evaluation period. The violation of this rule shall result in the automatic disqualification of any Bid submitted by the violator, as specified in Section P of Chapter 8 of the Clay County Purchasing Manual. **Exceptions:** The no-contact rule set forth shall not apply to inquiries submitted to the authorized contact person, the pre-bid conference, or to formal presentations by finalists to the Board of County Commissioners or to the County's evaluation committee.
6. **Award:** The Bid will be awarded to the responsible Bidder(s) submitting a Bid determined to provide the best value to the County with price, technical, and other applicable factors considered. The County reserves the right to award to multiple bidders. The County reserves the right to request any additional information from Bidders after Bid Opening and before award as may be necessary to assist in review and evaluation of any Bid prior to submittal of a recommendation for award to the Board of County Commissioners.
7. **Waiver of Formalities/Rejection of Bids:** The County reserves the right to waive informalities in any Bid, to reject any or all Bids with or without cause, to waive irregularities/technicalities, and waive technical and non-technical or non-material defects in the Bid document or submittal of any Bid. The County reserves the right to make award either in part or completely, and/or to accept the Bid that, in its judgment, will be in the best interest of the County. Bids in which the prices obviously are unbalanced will be rejected. The County reserves the right to reject any and all Bids and to re-advertise for all or any part of this solicitation as deemed in its best interest.
8. **Cancellation of Bid:** Clay County reserves the right to cancel a solicitation at any time prior to approval of the award. The decision to cancel a solicitation cannot be the basis for a protest under the formal protest process as referenced herein.
9. **No Bid:** Each company not intending to respond to this Bid should reply with a written "No Bid Statement". Such action will maintain the company on the appropriate active Bidder solicitation list. Three (3) failures to respond to solicitations may result in deletion from the Bidder solicitation list.
10. **Bid Errors:** Where Bid forms have erasures or corrections, each erasure or correction must be initialed in ink by the Bidder. In case of unit price Bid items, if an error is committed in the extension of an item, the unit price as shown in the Bid response will govern. Errors between any sum, computed by the Bidder, and the correct sum thereof will be resolved in favor of the correct sum. Any discrepancy between words and numbers will be resolved in favor of the written words.

11. **Deviations:** Bidders are hereby advised the County will only consider Bids that meet the specifications and other requirements imposed upon them by this Bid document. In instances where a deviation is stated in the Bid Form, said Bid will be subject to rejection by the County in recognition of the fact that said Bid does not meet the exact requirements imposed upon the Bidder by the Bid or Contract documents.
12. **Bid Protests:** Any company affected adversely by the County's decision may file with the County Purchasing Division a "Notice of Protest" in writing within 72 hours after the posting of the recommended award. Failure to file a written Notice of Protest shall constitute a waiver of proceedings under Chapter 8 (N) of the Clay County Purchasing Policies. Failure to file a written petition initiating a formal protest proceeding within the time frame and in the manner prescribed in Section 8. (N) of said policy shall constitute a waiver of the right to protest the Bid solicitation, any addendum thereto, or the Bid award recommendation or decision, and to initiate a formal protest proceeding under said policy. The County's Purchasing policy may be viewed at the County's website by following the appropriate links from the Homepage.
13. **Public Entity Crimes:** Pursuant to Section 287.133(2)(a) of the Florida Statutes, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Bid for a Contract to provide any goods or services to a public entity, may not submit a Bid for a Contract with a public entity for the construction or repair of a public building or public work, may not submit Bids on leases of real property to a public entity, may not be awarded or perform work as a Contractor, supplier, subcontractor, or consultant under a Contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017 of the Florida Statutes, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list. By submitting a Bid, Proposal or Reply - Bidder attests that they have not been placed on the Convicted Vendor List".
14. **Debarment:** By submitting a Bid, Proposal or Reply, the Bidder certifies that it is not currently debarred from submitting proposals for contracts issued by any political subdivision or agency of the State of Florida and that it is not an agent of a person or entity that is currently debarred from submitting proposals for contracts issued by any subdivision or agency of the State of Florida.
15. **Scrutinized Companies Certification:** In compliance with subsection (5) of Section 287.135(5), Florida Statutes the Bidder certifies that the company is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute. The included Scrutinized Companies Certification Form must be completed and returned as part of the bid submittal.
16. **Laws and Regulations:** The Bidder shall comply with all laws and regulations applicable to provide the goods and/or services specified in this solicitation. The Bidder shall be familiar with all federal, state and local laws that may affect the goods and/or services offered. All applicable Federal and State laws, municipal and Clay County ordinances, and the rules and

regulations of all authorities having jurisdiction over any part of the project shall apply to the entire project and Contract.

17. **Copyright Restrictions:** Both the County seal and the County logo are being registered for a copyright. Neither the Clay County seal nor the logo may be used or provided to non-Clay County government users for use on company Bids, presentations, etc.
18. **Indemnification:** The awarded Bidder shall indemnify and hold harmless the County, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the company and other persons employed or utilized by the company in the performance of the Contract. The provisions of Florida Statute 768.28 applicable to Clay County, Florida apply in full to this Contract. Any legal actions to recover monetary damages in tort for injury or loss of property, personal injury, or death caused by the negligent or wrongful act or omission of any employee of the County acting within the scope of his/her office or employment are subject to the limitations specified in this statute.

No officer, employee or agent of the County acting within the scope of his/her employment or function shall be held personally liable in tort or named as a defendant in any action for any or damage suffered as a result of any act, event, or failure to act. The County shall not be liable in tort for the acts or omissions of an officer, employee, or agent committed while acting outside the course and scope of his/her employment. This exclusion includes actions committed in bad faith or with malicious purpose, or in a manner exhibiting wanton and willful disregard of human rights, safety, or property.

19. **Insurance Requirements:** Prior to commencement of the project, the awarded Bidder shall provide the County Purchasing Division with proof of the following insurance:

a. Commercial General Liability

1. General Aggregate	\$1,000,000
2. Products and Completed Operations Aggregate	\$1,000,000
3. Personal and Advertising Injury	\$1,000,000
4. Each Occurrence	\$1,000,000
5. Fire Damage (any one fire)	\$ 50,000
6. Medical Expense (any one person)	\$ 5,000

b. Automobile Liability

1. Any automobile-Combined bodily injury/ property damage, with minimum limits for all additional coverages as required by Florida law	\$1,000,000
---	-------------

c. Workers Compensation/Employers Liability

1. Workers Compensation	statutory limits
-------------------------	------------------

2. Employers Liability
 - a. Each Accident \$ 100,000
 - b. Disease-Policy \$ 500,000
 - c. Disease-Each Employee \$ 100,000
- d. Professional Liability when required by Contract-per occurrence \$ 1,000,000

The awarded Bidder must maintain insurance coverage at the above-prescribed levels through the date of completion of the project and such coverage must include all independent Contractors and subcontractors. Either prior to, or simultaneously with the execution of the Contract, the awarded Bidder must deliver certificates of insurance for the required insurance coverage to the County naming "Clay County, a political subdivision of the State of Florida, the Board of County Commissioners, Clay County, Florida; and all public agencies of Clay County, as their interests may appear" as "Additional Insured." Said certificates of insurance shall also include a thirty-day prior written notice of cancellation, modification or non-renewal to be provided to the County.

20. **Performance and Payment Bond Requirements:** Performance and Payment Bonds are not required for projects of \$200,000^{.00} or less. Prior to commencement of a project exceeding \$200,000^{.00}, the awarded Bidder shall file a 100% Performance Bond and Payment Bond (using Clay County's Standard Form) in the Public Record of Clay County, Florida, Recording Dept./Room 130, 825 North Orange Avenue, Green Cove Springs, Florida 32043-2525. The recorded Performance and Payment Bonds shall be provided prior to the commencement of construction to Clay County Purchasing Division, PO Box 1366, Green Cove Springs, Florida 32043-1366. Performance and Payment Bonds must be increased in accordance with any change order increases on the project.
21. **Bid Preparation Costs:** By submission of a Bid, the Bidder agrees that all costs associated with the preparation of his/her Bid will be the sole responsibility of the Bidder and shall not be borne by the County. The Bidder also agrees that the County bears no responsibility for any costs associated with the preparation of their Bid and/or any administrative or judicial proceedings resulting from the solicitation process.
22. **Contractor Qualifications and Requirements:** At the time of Bid Opening, all Bidders must be certified or registered pursuant to Chapter 489, Florida Statutes, or hold a Clay County certification under Article III of Chapter 7 of the Clay County Code, as applicable, at the time of submitting a Bid. All Bidders must submit evidence of current state certification or registration, or County certification, as applicable, prior to award of this Bid.

The following licensing requirements shall apply when the applicable Florida statute mandates specific licensing for Contractors engaged in the type of work covered by this solicitation.

- a. State of Florida, Department of Professional Regulation, Construction Industries Licensing Board and licensed by other federal, state, regional, county or municipal agencies having jurisdiction over the specified construction work.

- b. Said licenses shall be in the Bidder's name as it appears on the Bid Form. Bidder shall supply a copy of each applicable license showing the appropriate license numbers, with expiration dates as required by the County. Failure to hold and provide proof of proper licensing, certification and registration may be grounds for rejection of the Bid and/or termination of the Contract.
- c. Subcontractors Contracted by the Prime Contractor shall be licensed in their respective fields to obtain construction permits from the County. Said license must be in the name of the subcontractor.

The following licensing requirements shall apply when applicable (Contractor Prequalification):

Florida Law and Rules of the State of Florida, Department of Transportation, require contractors to be prequalified with the Department in order to bid for the performance of road, bridge, or public transportation construction contracts greater than \$250,000.00. The Contractor Prequalification process results in the issuance of a Certificate of Qualification for each successful applicant which lists the approved work classes and the Maximum Capacity Rating in dollars. It is the responsibility of potential bidders to review the requirement and meet the qualifications listed at: http://www.dot.state.fl.us/cc-admin/PreQual_Info/prequalified.shtm. Contractors not meeting the applicable work types associated with the scope of the work may utilize subcontractors to assist with meeting the requirement of all necessary prequalification work classes.

The County shall have the right to review the references, experience of assigned personnel, and qualifications of the Contractor in order to make the final determination of acceptability of the Contractor to be awarded the Contract and construct the work.

The Board of County Commissioners may reject, at its sole discretion, any Bidder the Commission finds to lack, or who's present or former executive employees, officers, directors, stockholders, partners or owners are found by the Commission to lack honesty, integrity, or moral responsibility. The Commission's finding may be based on any of the following factors: the disclosure required herein, the County's own investigation, public records, or any other reliable source of information. The Commission may also reject any Bidder failing to make the disclosure required herein. By submitting a Bid, Bidder recognizes and accepts that the Board of County Commissioners may reject any Bid at its sole discretion and the Bidder waives any claim it might have for damages or other relief arising from the rejection of its Bid or resulting directly or indirectly from the rejection of its Bid based on these grounds or from the disclosure of any pertinent information relating to the reasons for rejection of its Bid.

23. **Subcontractors:** The County reserves the right to approve all subcontractors for this Contract. If subcontractors are to be utilized, their names and references must be included by completing the Subcontractor form if provided within this Bid. Responsibility for the performance of the Contract remains with the main Contractor exclusively.

After the commencement of the project, subcontractors may be added or modified during the Contract period only with prior written permission from the County, and only for reasonable cause, as judged by the County.

24. **Interpretation of Plans and Specifications:** No interpretation of the meaning of the plans, specifications, or other Contract documents will be made to any Bidder orally. Every request for interpretation should be in writing addressed to the Purchasing Division. To be given consideration, such requests must be received no later than **September 23, 2016.**

Any and all such interpretations and any supplemental instructions will be in the form of a written addendum. All Addenda issued shall become part of the Bid and Contract documents, and receipt must be acknowledged on the Bid Form, or by completion of the applicable information on the Addendum and submitting it with their Bid. Failure to acknowledge Addenda which have no effect on the competitive nature of the bidding process may be a waiveable deviation at the County's sole discretion.

25. **Execution of Contract and Notice to Proceed:** The awarded Bidder may be required to sign a written Contract. Said Contract will evidence in written form the agreement between the parties.

26. All payments made under this Bid will be made in accordance with the Local Government Prompt Payment Act; in effect, not later than 45 days from receipt of proper invoice.

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks
(As provided by Parks and Recreation)

PROJECT DETAILS:

Clay County Division of Parks and Recreation is soliciting sealed bids for providing fence repairs on chain link fencing and/or backstops at 8 parks located throughout Clay County. The work shall include repairing and/or replacement of damaged gates, posts, fencing fabric, tension wires, top rails, and bottom rails. Work includes removal and disposal of all debris and construction materials. A project location map identifying each park that requires work has been provided in the Bid Package.

The attached drawings represent the diagrams of the work intended at each project site which have been detailed with the determination on whether the area is to be repaired or replaced. Please note that not all areas shown on the location map requires repairs made.

Work shall be completed by March 30, 2017. If an extension is required, it must be requested and approved in writing. Note that some ball field fence projects will need to be completed with regard to athletic association schedules.

Contractor for the project guarantees all materials and workmanship to be free of defects for a period of one (1) year from the date of acceptance by the County.

MINIMUM PRODUCT STANDARDS:

Attached drawings provide detailed information on requirements/standards for posts, fencing fabric, tension wires, and all rails. The contractor shall repair all damaged fences and gates with new materials. Contractor shall grade areas around gates as necessary to provide a level area for gates to open and close freely. Gates shall be adjusted to lock in place as designed and fully operational. Items that cannot be repaired to an as new condition shall be replaced with new similar materials.

AWARD:

The Bid will be awarded to the responsible Bidder(s) submitting a Bid determined to provide the best value to the County with price, technical, and other applicable factors considered. The county shall also consider, but shall not be limited to, in addition to price the following:

- The ability, capacity and skill of the vendor to perform under the terms of the documents
- Whether the vendor can provide the materials or service promptly, or within the time specified, without delay or interference
- The quality of the material being provided
- The availability of the material as required

The County reserves the right to select all or part of the projects quoted as funding allows.

SPECIFICATIONS FOR 4' CHAIN LINK FENCING

Wire to be 4' Knuckle & Knuckle 9 Gauge; Hot Dipped Galvanized.

2 ½" End Post; Hot Dipped Galvanized Sch. 40.

2 ½" Gate Post; Hot Dipped Galvanized Sch. 40.

2" Line Post; Hot Dipped Galvanized Sch. 40.

Bottom Tension Wire; 7 Gauge.

Top Rail; 1 5/8"; SS 20.

All Fasteners to be Hot Dipped Galvanized Steel.

All Post not to exceed 10' apart.

To be installed to manufacturer's specifications.

SPECIFICATIONS FOR 6' CHAIN LINK FENCING

Wire 6' Knuckle & Knuckle 9 Gauge; Hot Dipped Galvanized.

3" End Post; Hot Dipped Galvanized; Schedule 40 Pipe.

3" Gate Post; Hot Dipped Galvanized; Schedule 40 Pipe.

Gate Latch Post 2 ½" Hot Dipped Galvanized.

9 Gauge Aluminum Ties.

2" Line Post; Hot Dipped Galvanized; Schedule 40 Pipe.

Bottom Tension Wire; 7 Gauge.

Top Rail; 1 5/8"; SS 20.

All Fasteners to be Steel; Hot Dipped Galvanized.

All Post not to exceed 10' apart.

All Material to be installed to manufacturer's specifications.

SPECIFICATIONS FOR 8' CHAIN LINK FENCING

Wire to be 8' Knuckle & Knuckle 9 Gauge; Hot Dipped Galvanized.

3 'End Post; Schedule 40; Hot Dipped Galvanized Pipe.

4" Gate Post; Schedule 40; Hot Dipped Galvanized Pipe.

2 ½ Line Post; Schedule 40; Hot Dipped Galvanized Pipe.

Bottom Tension Wire; 7 Gauge.

Top Rail; 1 5/8"; SS 20.

All Fasteners to be Steel; Hot Dipped Galvanized.

Post not to exceed 10' apart.

SS 20 Middle Rail.

All Wire to be on the Playing Field Side.

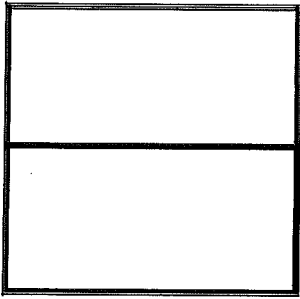
All Material to be installed to manufacturer's specifications.

SPECIFICATIONS FOR ALL GATES

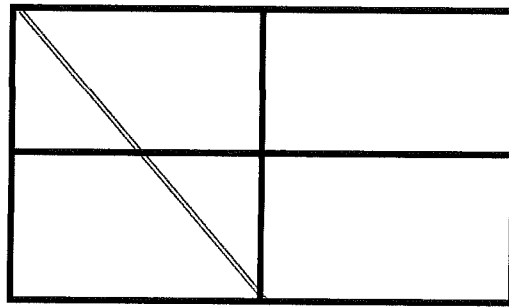
SS 20 Frames; 1 5/8" Pipe; Hot Dipped Galvanized Welded.

All Wire Knuckle & Knuckle 9 Gauge; Hot Dipped Galvanized.

All Fasteners to be Steel; Hot Dipped Galvanized.



4' Gate



12' Gate x 6

4'x6' Gates

3" Schedule 40 Pipe for Hinge Side

2 1/2" Pipe for Latch

4" Schedule 40 Pipe for Hinge Side

3" Schedule 40 Pipe for Latch Side

Clay County Park Listing for Fence Repair

Pier Station Park

4160 Pier Station Road
Green Cove Springs 32043

8

Omega Park

4317 County Road 218
Middleburg 32068

2

Hunter-Douglas Park

4393 Longmire Road
Middleburg 32068

1

Greenwood Park

245 Evergreen Lane
Middleburg 32068

4

Walter Odum Park

450 Parkwood Drive
Orange Park 32073

5

Paul C. Armstrong Park

2445 County Road 220
Middleburg 32068

3

Eagle Harbor Soccer Complex

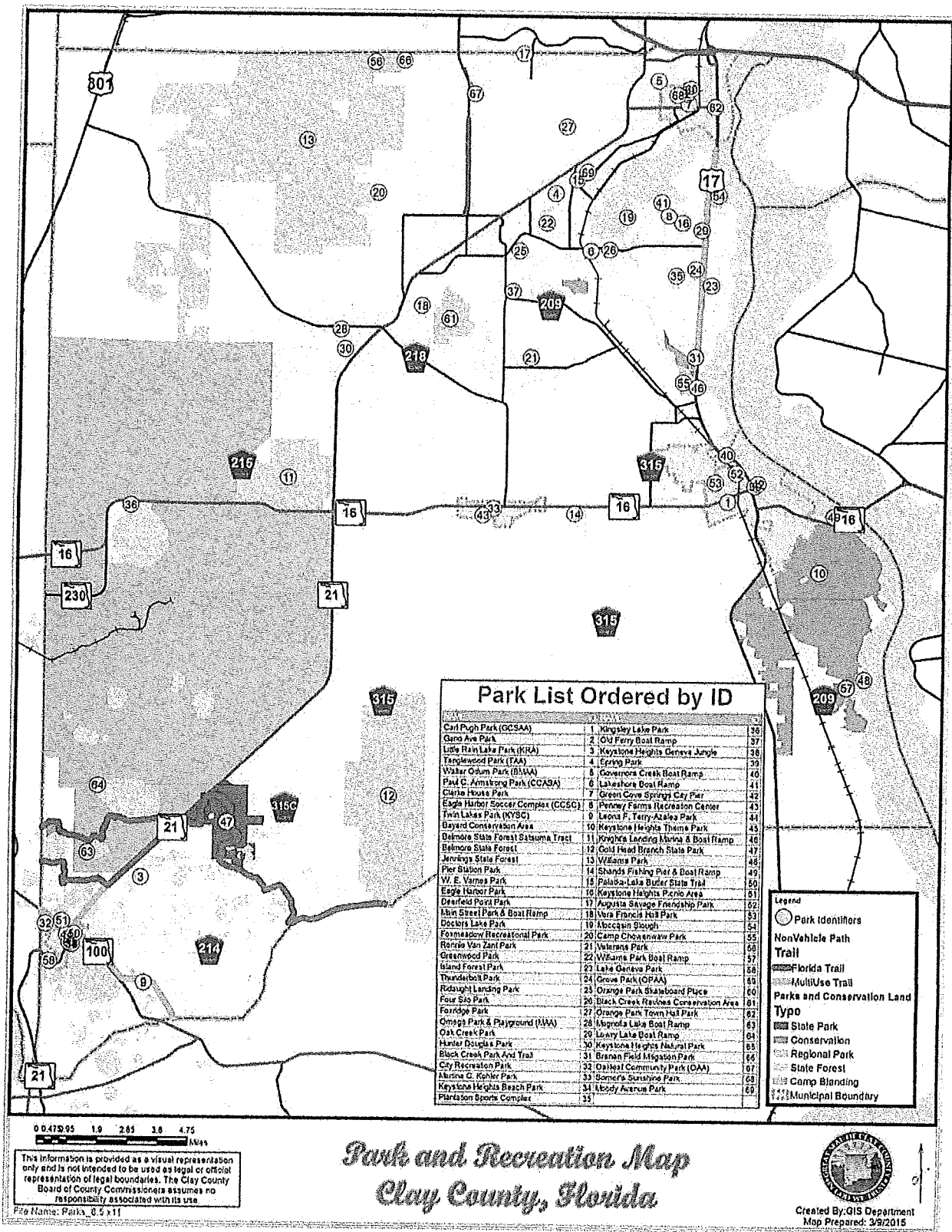
4387 Lakeshore Drive
Fleming Island 32003

6

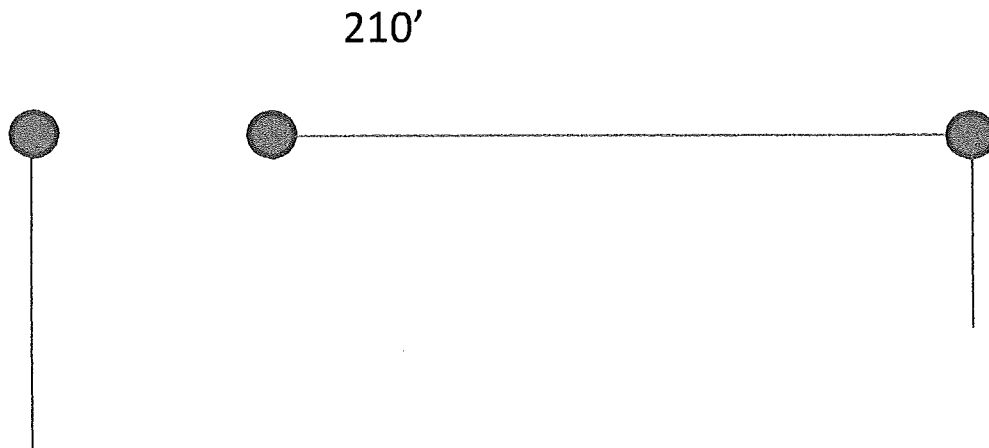
Thunderbolt Park

5700 Highway 17
Fleming Island 32003

7



PIER STATION PARK



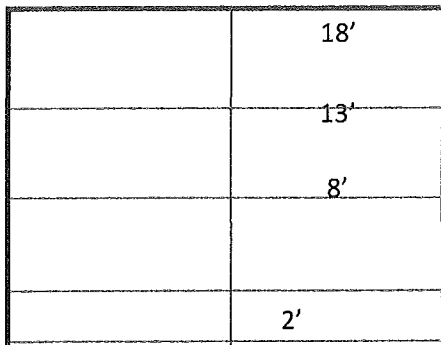
Remove and replace approximately 210' of 4' fence.

New fence to be installed to specifications provided.

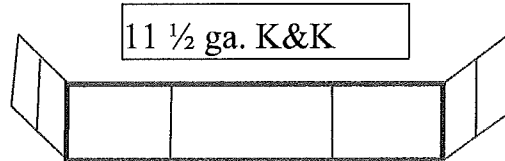
OMEGA FIELD #5 BACKSTOP – WINGS (2 EACH) 18' H X 20" L

Add 5 each SS20 Rails: 1 bottom, 1 at 2', 1 at 8', 1 at 13', and 1 at 18'

Bottom wire 6 ga. K&K 8', Top 10' 9 ga. K&K



Bottom
20' Long



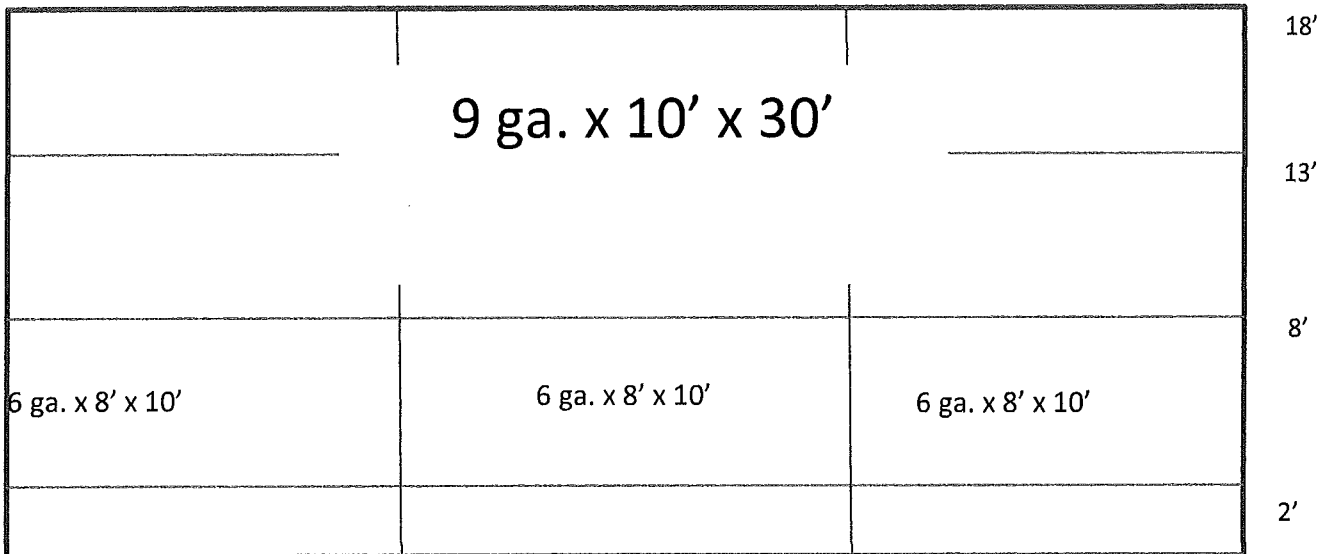
OMEGA BACKSTOP CENTER 18' H 30' LONG

3 each Sections 8'x10' 6 ga. K&K bottom.

Rails SS 20 1-5/8": 1 bottom, 1 at 2', 1 at 8', 1 at 13', 1 at 18'.

Top 10' x 30' 1 piece 9 ga.

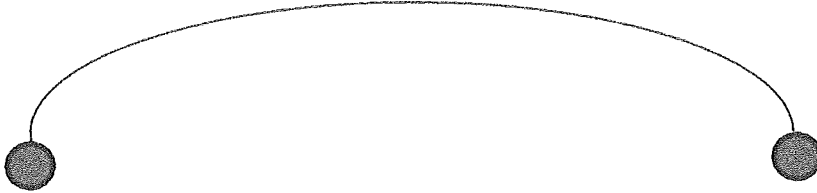
Leave vertical posts – do not replace.



30' Long

OMEGA PARK continued

336'



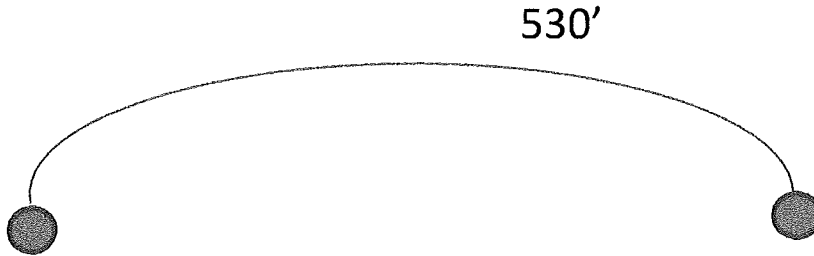
Remove and replace approximately 336' of 8' outfield fence.

Top rail, middle rail and bottom tension wire.

All Rails – 1 5/8" SS20.

Install new fence, top rail, middle rail, and bottom tension wire to specifications provided.

HUNTER-DOUGLAS
PARK



Remove and replace approximately 530' of 6' outfield fence.

Remove and replace 1 each 6' x 12' gate.

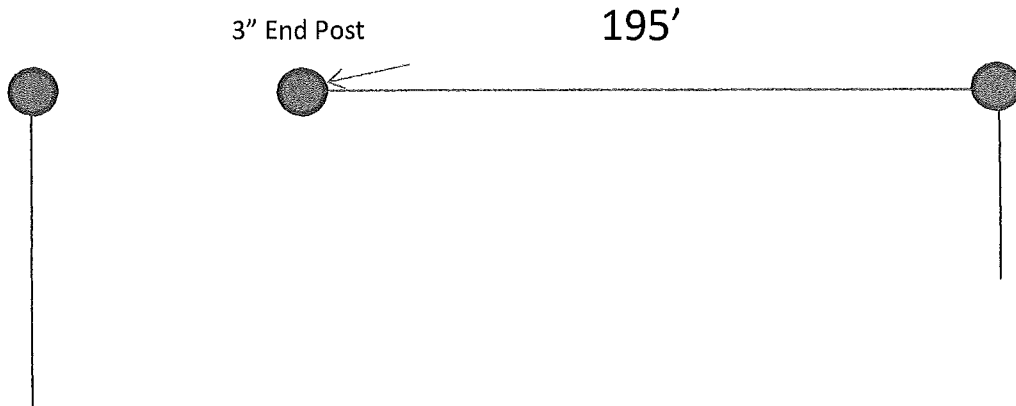
Install new gate to provided specifications.

Bottom wire 7 Gauge

Top Rail – 1 5/8 SS20

Install new wire to provided specifications.

GREENWOOD PARK – REAR FENCE



Remove and replace approximately 195' of 6' fencing.

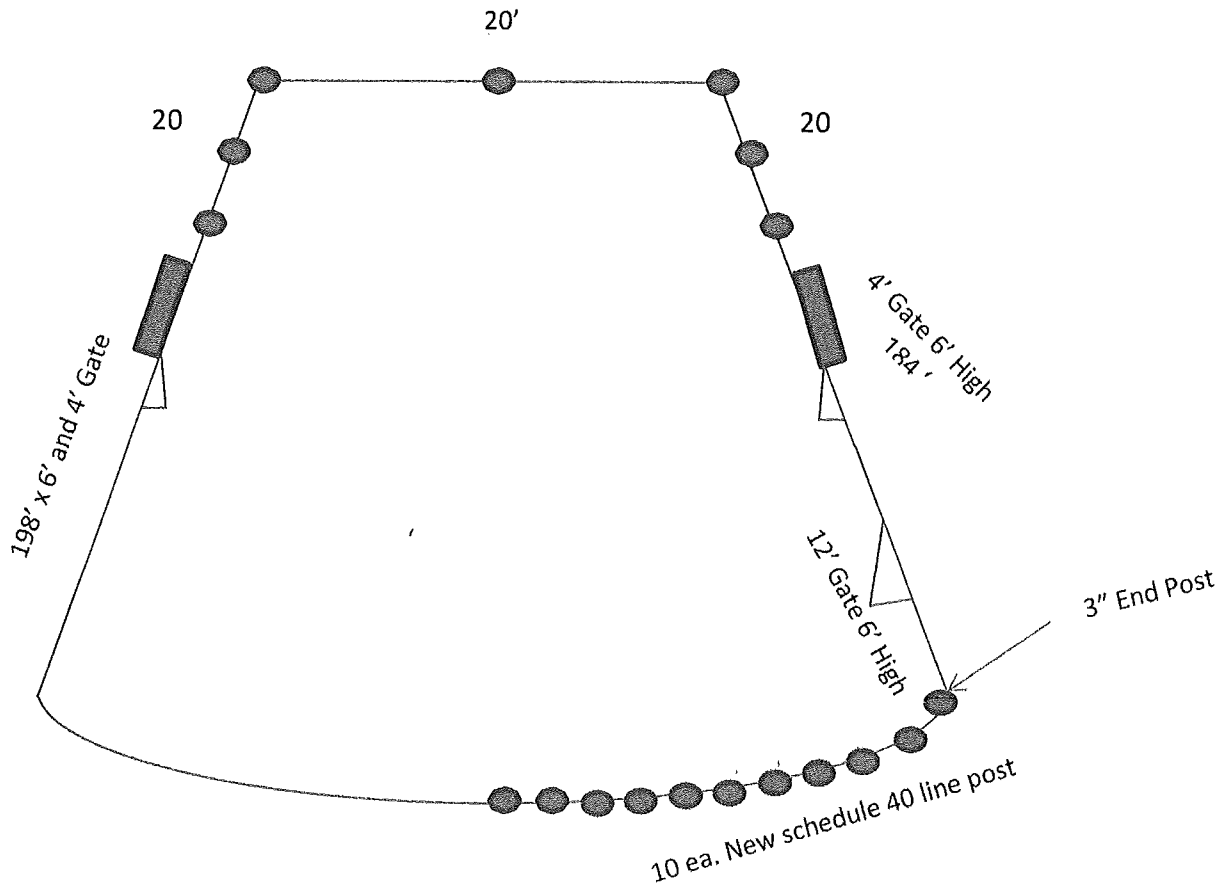
Leave 4' opening in southwest corner.

Bottom tension wire – 7 gauge.

Top Rail - 1 5/8" SS20

Install new fence to provided specifications.

WALTER ODUM



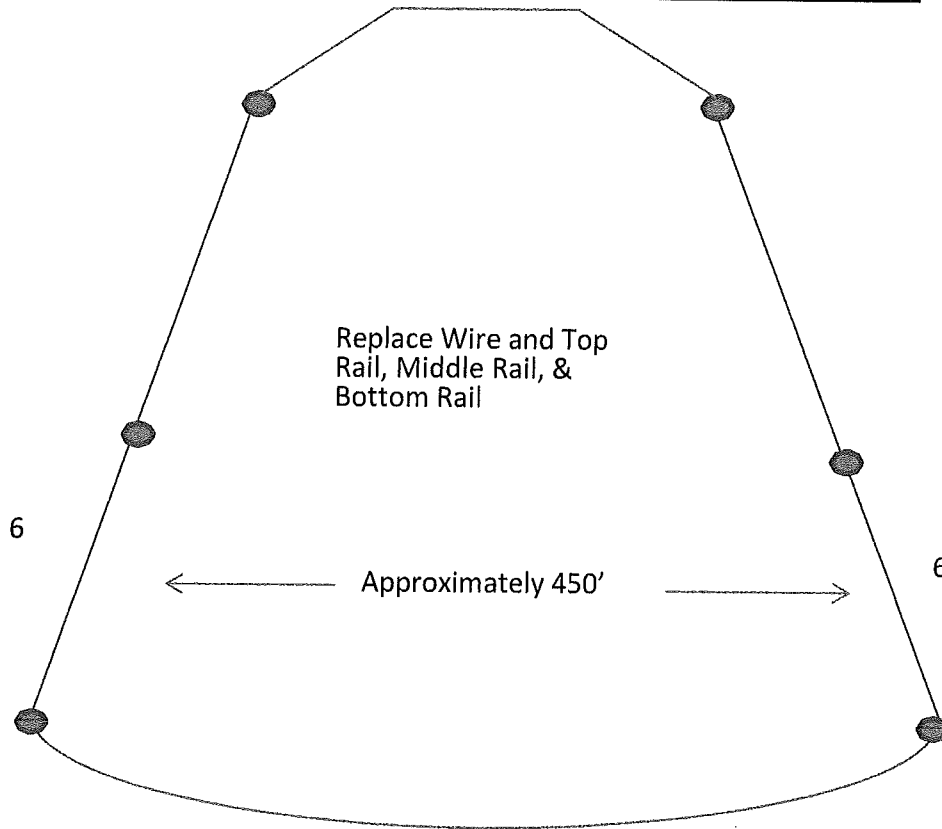
Replace wire on outfield fence 6' high 9 gauge with bottom tension wire with 1 5/8" Top Rail SS 20.

Do not install gates.

Replace all tubing with 2" Sch. 40 Pipe.

Install new wire to provided specifications.

PAUL C. ARMSTRONG PARK – MIDDLE FIELD



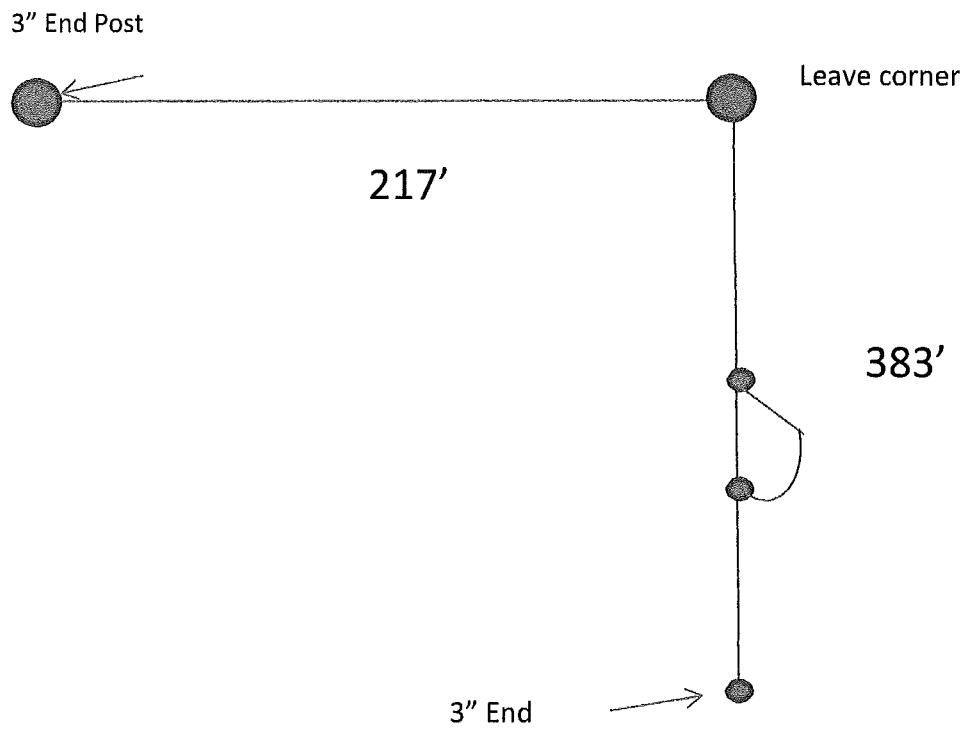
Remove and replace approximately 6' fence from dugout to outfield fence – 1st and 3rd base side.

Leave the gate on the 3rd base side of outfield.

Install new wire to provided specifications.

EAGLE HARBOR

Remove and replace 600' of 6' fence to specifications provided.



The graph shows a line that starts with a downward slope, then a long upward slope labeled "Over 800'", and finally a sharp vertical increase.

Replace one 6' x 12' gate.

Wire to be installed on playing field side.

Top Rail SS20.

28

CHARLES WHITE FENCE INC.
6828 N.E. JACKSONVILLE BLVD
OCALA FL 34479

BID NO. 15/16
REPAIRS AT
DUE DATE

RECEIVED
PURCHASING DIVISION

2016 OCT - 3 P 12:30

CLAY COUNTY BOARD OF
COMMISSIONERS

Clay County Purchasing Division
477 Houston Street
PO Box 1366
Green Cove Springs, FL 32043

Receipt for Bid #: 15/16-20
Company Name: _____

Charles White Fence Inc

BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

CORPORATE DETAILS:

(Failure to complete all fields may result in your bid being rejected as non-responsive).

COMPANY NAME: COMMERCIAL FENCE CONTRACTORS, INC.

ADDRESS: 1610 N. GOLDENROD RD
ORLANDO, FL. 32807

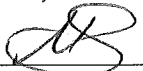
TELEPHONE: (352) 427-8357

FAX #: (407) 264-6830

E-MAIL: COMM FENCE 3@LIVE.COM

Name of Person submitting Bid: MIKE SURICK

Title: PROJECT MANAGER

Signature: 

Date: 9/29/16

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

PRICE SHEET: BID NO.15/16-30, GALVANIZED CHAIN LINK FENCE REPAIRS

Location Cost per Specifications:

- | | |
|---|---------------------|
| 1) Pier Station Park | \$ <u>4,166.16</u> |
| 2) Omega Park: | \$ _____ |
| a. Backstop Field 5 | \$ <u>4,682.92</u> |
| b. Outfield Field 1 | \$ <u>8,651.34</u> |
| 3) Hunter Douglas Park | \$ <u>8,586.52</u> |
| 4) Greenwood Park | \$ <u>4,365.88</u> |
| 5) Walter Odum Park | \$ <u>6,455.68</u> |
| 6) P.C. Armstrong Park – Field #2 (Backfield) | \$ <u>9,191.49</u> |
| 7) Eagle Harbor Soccer Complex | \$ <u>9,824.62</u> |
| 8) Thunderbolt Park | \$ <u>13,829.19</u> |

Total Cost Per Specifications (Items 1 – 8): \$ 69,753.79

Total Bid Written in Words: SIXTY NINE THOUSAND, SEVEN HUNDRED FIFTY THREE DOLLARS AND SEVENTY NINE CENTS.

(Bid based on above total) Proposals require a five (5%) percent bid bond and may not be withdrawn after the scheduled opening time for a period of thirty (30) days.

The County reserves the right to select all or part of the projects quoted above as funding allows.

COMPANY NAME: COMMERCIAL FENCE CONTRACTORS, INC.

THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310
BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we
Commercial Fence Contractors, Inc.
as Principal, hereinafter called the Principal, and
Platte River Insurance Company
a corporation duly organized under the laws of the State of **Nebraska**

as Surety, hereinafter called the Surety, are held and firmly bound unto

Clay County Board of County Commissioners, 477 Houston Street, Green Cove Springs, FL 32043

as Oblige, hereinafter called the Oblige, in the sum of -- **FIVE PERCENT (5%) OF PROPOSED BID**-Dollars
(\$ --5%--), for the payment of which sum well and truly to be made, the said Principal and the Surety, bind ourselves, our
heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

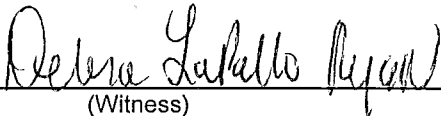
WHEREAS, the Principal has submitted a bid for

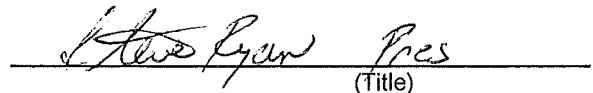
Bid No. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

NOW, THEREFORE, if the Oblige shall accept the bid of the Principal and the Principal shall enter into a Contract with the Oblige in
accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with
good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in
the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the
Principal shall pay to the Oblige the difference not to exceed the penalty hereof between the amount specified in said bid and such
larger amount for which the Oblige may in good faith contract with another party to perform the Work covered by said bid, then this
obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this **3rd** day of **October, 2016**.


Commercial Fence Contractors, Inc. (Seal)


(Witness)


(Title)


(Witness)

Platte River Insurance Company


**Laura D. Mosholder, Attorney-In-Fact &
Florida Resident Agent
Inquiries: 407 330 3990**

PLATTE RIVER INSURANCE COMPANY
POWER OF ATTORNEY

41353251

KNOW ALL MEN BY THESE PRESENTS, That the PLATTE RIVER INSURANCE COMPANY, a corporation of the State of Nebraska, having its principal offices in the City of Middleton, Wisconsin, does make, constitute and appoint

-----EDWARD M. CLARK; LAURA D. MOSHOLDER-----

its true and lawful Attorney(s)-in-fact, to make, execute, seal and deliver for and on its behalf, as surety, and as its act and deed, any and all bonds, undertakings and contracts of suretyship, provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed in amount the sum of

-----ALL WRITTEN INSTRUMENTS IN AN AMOUNT NOTTO EXCEED: \$20,000,000.00-----

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of PLATTE RIVER INSURANCE COMPANY at a meeting duly called and held on the 8th day of January, 2002.

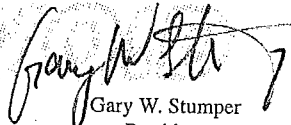
"RESOLVED, that the President, and Vice-President, the Secretary or Treasurer, acting individually or otherwise, be and they hereby are granted the power and authorization to appoint by a Power of Attorney for the purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, one or more vice-presidents, assistant secretaries and attorney(s)-in-fact, each appointee to have the powers and duties usual to such offices to the business of the company; the signature of such officers and the seal of the Corporation may be affixed to such power of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Corporation in the future with respect to any bond or undertaking or other writing obligatory in the nature thereof to which it is attached. Any such appointment may be revoked, for cause, or without cause, by any of said officers, at any time."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner - Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.


IN WITNESS WHEREOF, the PLATTE RIVER INSURANCE COMPANY has caused these presents to be signed by its officer undersigned and its corporate seal to be hereto affixed duly attested, this 27th day of July, 2015.

Attest:


Gary W. Stumper
President
Surety & Fidelity Operations



PLATTE RIVER INSURANCE COMPANY


Stephen J. Sills
CEO & President

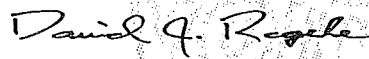
STATE OF WISCONSIN } S.S.:
COUNTY OF DANE

On the 27th day of July, 2015 before me personally came Stephen J. Sills, to me known, who being by me duly sworn, did depose and say: that he resides in the County of New York, State of New York; that he is President of PLATTE RIVER INSURANCE COMPANY, the corporation described herein and which executed the above instrument; that he knows the seal of the said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.

STATE OF WISCONSIN } S.S.:
COUNTY OF DANE



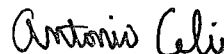
CERTIFICATE


David J. Regele
Notary Public, Dane Co., WI
My Commission Is Permanent

I, the undersigned, duly elected to the office stated below, now the incumbent in PLATTE RIVER INSURANCE COMPANY, a Nebraska Corporation, authorized to make this certificate, DO HEREBY CERTIFY that the foregoing attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolution of the Board of Directors, set forth in the Power of Attorney is now in force.

Signed and sealed at the City of Middleton, State of Wisconsin this 3rd day of October, 2016.




Antonio Celii
Secretary

THIS DOCUMENT IS NOT VALID UNLESS PRINTED ON GREEN SHADED BACKGROUND WITH A RED SERIAL NUMBER IN THE UPPER RIGHT HAND CORNER. IF YOU HAVE ANY QUESTIONS CONCERNING THE AUTHENTICITY OF THIS DOCUMENT CALL, 800-475-4450.

PR-POA (Rev. 07-2015)

1610 North Goldenrod Rd. Orlando, Florida 32807 Ph. 352-427-8357 Fax 407-264-6830

Commercial Fence Contractors, Inc.

September 29, 2016

Re: Bid No. 15/16-30 Galvanized Chain Link Fence Repairs at Various Clay County Parks

To: Clay County Purchasing Division

We are pleased to offer the following quotation for fences and gates at the above referenced project.

Item	Qty	Unit	Description	Unit Price	Total
1	1	ls	Pier Station Park	\$4,166.16	\$4,166.16
2	1	ls	Omega Field Backstop at Field #5	\$4,682.92	\$4,682.92
3	1	ls	Omega Fence at Field #1	\$8,651.34	\$8,651.34
4	1	ls	Hunter Douglas Park	\$8,586.52	\$8,586.52
5	1	ls	Greenwood Park	\$4,365.88	\$4,365.88
6	1	ls	Walter Odum Park	\$6,455.68	\$6,455.68
7	1	ls	Paul C. Armstrong Park	\$9,191.49	\$9,191.49
8	1	ls	Eagle Harbor	\$9,824.62	\$9,824.62
9	1	ls	Thunderbolt Park	\$13,829.19	\$13,829.19
				TOTAL	\$69,753.79

Please note:

Quote valid for 60 days.


No addendums reviewed.

Grounding by others.

Locks on gates by others.

Survey by others.

Permits by others.

Respectfully,
Matt Suplick 
Cell 352-427-8357
Email: commfence3@live.com

Issued: 9/28/16

Clarification No. 1

Bid 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks

DUE DATE: Monday, October 3, 2016, 4:00 pm

OPEN DATE: Tuesday, October 4, 2016, 1:00 pm

The following clarifications are for the above bid number and title:

1. What are liquidated damages on this project?

Response: There are no liquidated damages for this project.

2. Please confirm a bid bond is required?

Response: A 5% bid bond is required.

3. With regards to Walter Odum, am I correct in assuming no work is to be done to the backstop or sideline fence.

Response: No work is to be done on the backstop or sideline fence at Walter Odum Park.

4. With regards to Walter Odum, are you referring to the 10 line posts when you reference replacing all tubing w/ 2" Sch 40 pipe?

Response: Yes, replace all light gauge tubing with 2" Sch 40 pipe.

5. For Omega Park - It says to remove and replace approx. 336' of 8' outfield fence. Please verify 336' is correct.

Response: 336' at Omega Park is correct.

6. For Eagle Harbor - Please confirm the lf for Eagle Harbor is 600'. I walked the entire soccer fields today and did not find a location where there is a 90 degree fence layout w/ a 217' leg and a 383' leg. I did find a 90 degree fence layout in the back corner where there is a 383' leg and 667' leg that ties into newer fence.

Response: 217' and 383' at Eagle Harbor are correct.


A handwritten signature in black ink, consisting of a stylized 'S' or 'H' shape with a loop at the end.

**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion Form**

- (1) The prospective Vendor, COMMERCIAL FENCE CONTRACTORS, certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal Department or Agency.
- (2) Where the Vendor is unable to certify to the above statement, the prospective Vendor shall attach an explanation to this form.

Vendor:

COMMERCIAL FENCE CONTRACTORS

By: 
Signature

MATT SUPRICK / PROJECT MANAGER
Name and Title

1610 N. GOLDENROD RD.
Street Address

ORLANDO, FL. 32807
City, State, Zip

9/29/16
Date

Scrutinized Companies Certification
[Clay County BID NO. 15/16-30, Galvanized Chain Link Fence Repairs at Various Clay County Parks]

Name of Company:¹ Commercial Fence Contractors, Inc.

In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.

Insert Name of Company:

(Seal)

Commercial Fence Contractors
1610 N. Goldenrod Rd
Orlando FL 32807

By: Steve Ryan

Steve Ryan

Its Pres.

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.

Client#: 1402529

131ORLANSTE

ACORDTM**CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)

9/09/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER BB&T Insurance Services, Inc. P.O. Box 4927 Orlando, FL 32802-4927 407 691-9600	CONTACT NAME: PHONE (A/C, No, Ext): 407 691-9600 FAX (A/C, No): 888-635-4183 E-MAIL ADDRESS:														
INSURED Commercial Fence Contractors, Inc. 13640 SE 31st Ave Summerfield, FL 34491	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : National Trust Insurance Co</td> <td>20141</td> </tr> <tr> <td>INSURER B : FCCI Insurance Company</td> <td>10178</td> </tr> <tr> <td>INSURER C : FFVA Mutual Insurance Company</td> <td>10385</td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : National Trust Insurance Co	20141	INSURER B : FCCI Insurance Company	10178	INSURER C : FFVA Mutual Insurance Company	10385	INSURER D :		INSURER E :		INSURER F :	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A : National Trust Insurance Co	20141														
INSURER B : FCCI Insurance Company	10178														
INSURER C : FFVA Mutual Insurance Company	10385														
INSURER D :															
INSURER E :															
INSURER F :															

COVERAGES**CERTIFICATE NUMBER: 16/17 BAI PNC GL/BA****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		X	GL00153354	04/30/2016	04/30/2017	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			CA00240864	04/30/2016	04/30/2017	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$10,000			UMB00166184	04/30/2016	04/30/2017	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		X	WC84000315172016A	04/30/2016	04/30/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: Bid Number: 310-CSS / Contract - 1732-C

Title: Airport Terminal Building Security Fence Replacement

Additional Insured status is granted with respect to General Liability if required by written contract per (See Attached Descriptions)

CERTIFICATE HOLDER**CANCELLATION**

City of Vero Beach
 P.O. Box 1389
 Vero Beach, FL 32961-1389

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



© 1988-2014 ACORD CORPORATION. All rights reserved.

DESCRIPTIONS (Continued from Page 1)

Additional Insured Owners, Lessees or Contractors Automatic Status when required in construction agreement with you - Ongoing Operations and Products-Completed Operations form CGL 084 (10/13)

Additional Insured status is granted with respect to Auto Liability if required by written contract per Additional Insured Designated Person or Organization Primary/Non Contributory coverage when required by contract form CAU 042 (12/08)

Primary and Non Contributory with respects to General Liability if required by written contract per Additional Insured Automatic Status when required in construction agreement with you - Ongoing Operations and Products-Completed Operations form CGL 084 (10/13)

Primary and Non Contributory with respects to Auto Liability if required by written contract per Additional Insured Designated Person or Organization Primary/Non Contributory coverage when required by contract form CAU 042 (12/08)

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type
See Specific Instructions on page 2.

Name (as shown on your income tax return)

COMMERCIAL FENCE CONTRACTORS, INC.

Business name/disregarded entity name, if different from above

Check appropriate box for federal tax classification:

☐ Individual/sole proprietor ☐ C Corporation ☒ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶

☐ Other (see instructions) ▶

Exemptions (see instructions):

Exempt payee code (if any) _____

Exemption from FATCA reporting
code (if any) _____

Address (number, street, and apt. or suite no.)

1610 N. GOLDENROD RD

City, state, and ZIP code

ORLANDO, FL. 32807

List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Social security number

____ - ____ - ____

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Employer identification number

59 - 3384848

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below), and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign
Here

Signature of
U.S. person ▶

Date ▶

9/29/16

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. The IRS has created a page on IRS.gov for information about Form W-9, at www.irs.gov/w9. Information about any future developments affecting Form W-9 (such as legislation enacted after we release it) will be posted on that page.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, payments made to you in settlement of payment card and third party network transactions, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the

withholding tax on foreign partners' share of effectively connected income, and

4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct.

Note. If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

Extremely Urgent

This envelope is for use with the following services:

UPS Next Day Air®
UPS Worldwide Express®
UPS 2nd Day Air®

theupsstore.com or call **1-800-PICK-UPS®** (1-800-742-5877)
and a location near you.

Domestic Shipments

qualify for the Letter rate, UPS Express Envelopes may only contain correspondence, urgent documents, and/or electronic media, and must weigh 8 oz. or less. UPS Express Envelopes containing items other than those listed or weighing more than 8 oz. will be billed by weight.

International Shipments

UPS Express Envelope may be used only for documents of no commercial value. Certain countries consider electronic media as documents. Visit usps.com/importexport to verify if your shipment is classified as

qualify for the Letter rate, the UPS Express Envelope must weigh 8 oz. or less. UPS Express Envelopes weighing more than 8 oz. will be billed by weight.

UPS Express Envelopes are not recommended for shipments of mail containing sensitive personal information or breakable items. Do not use for fragile or perishable items.

Apply shipping documents on this side.

Do not use this envelope for:

UPS Ground
UPS Standard
UPS 3 Day Select®
UPS Worldwide Expedited®

1 LBS 1 OF 1
SHIP WT: 1 LBS
DATE: 29 SEP 2016

MATT SUPLICK
(321) 356-0138
THE UPS STORE #2156
STE 108
478 E ALTAMONTE DR
ALTAMONTE SPRING FL 32701-4628

SHIP CLAY COUNTY ADMINISTRATIVE BUILDING
TO: FOURTH FLOOR RECEPTION AREA
477 HOUSTON ST

RECEIVED
PURCHASING DIVISION

2016 SEP 30 P 12:04

CLAY COUNTY BOARD OF
COMMISSIONERS

Clay County Purchasing Division
477 Houston Street
PO Box 1366
Green Cove Springs, FL 32043

Receipt for Bid #: 15/16-30
Company Name: Commercial
Jence Contractors, Inc.



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Finance and Audit Committee

DATE: 12/21/2016

FROM: Karen Thomas, Administrative &
Contractual Services

SUBJECT: Approval to post notice of intent and award Bid #16/17-3, Cured-In-Place Pipe Services to two bidders as stated in the bid, Insituform Technologies, LLC and Hinterland Group, Inc. Approval will be effective after 72 hour bid protest period has expired assuming no protest are received. Funding Source: 101-3701-546100 (Transportation Trust Fund / Streets & Drainage / Repairs and Maintenance)

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

Bid can be utilized as needed countywide at unit costs stated in bid submittals.

Is Funding Required (Yes/No):

Yes

If Yes, Was the item budgeted (Yes/No/N/A):

Yes

Funding Source: Transportation Trust Fund / Streets & Drainage / Repairs and Maintenance)
Account # 101-3701-546100 Amount - Various

Sole Source (Yes/No):

No

Advanced Payment (Yes/No):

No

ATTACHMENTS:

Description

- ▢ [Memo - Price Sheets](#)
- ▢ [Comparison Sheet](#)
- ▢ [Bid Invitations](#)
- ▢ [pipe specs](#)
- ▢ [Insituform Technologies submittal](#)
- ▢ [Hinterland Group submittal](#)
- ▢ [Layne Inliner submittal](#)
- ▢ [IPR Southeast submittal](#)
- ▢ [VacVision submittal](#)
- ▢ [Evans submittal](#)
- ▢ [American Infrastructure submittal](#)
- ▢ [Southeast Pipe submittal](#)

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Administrative and Contractual Services	Thomas, Karen	Approved	12/28/2016 - 12:09 PM	

County
Manager

Kopelousos, Stephanie Approved

12/29/2016 - 11:54 AM

BID RECOMMENDATION
Bid #16/17-3
Cured-In-Place Pipe Services

BIDDERS	BID TOTAL
<u>Insituform Technologies</u>	<u>\$175,090.00</u>
<u>Hinterland Group</u>	<u>\$194,350.00</u>
<u>Layne Inliner</u>	<u>\$234,950.00</u>
<u>IPR Southeast</u>	<u>\$238,150.00</u>
<u>VacVision Environmental</u>	<u>\$261,250.00</u>
<u>Evans Contracting Services</u>	<u>\$283,400.00</u>
<u>American Infrastructure Technologies Corp.</u>	<u>\$305,775.00</u>
<u>Southeast Pipe</u>	<u>\$377,590.00</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

Staff Assigned to Tabulate Bids and Make Recommendations:

<u>NAME</u>	<u>TITLE</u>
<u>Van Hogan</u>	<u>Field Operations Coordinator</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

RECOMMENDATION:

Recommend utilizing the two low bids submitted by Insituform Technologies and Hinterland Group. Their unit
costs are the lowest and are reasonable and consistent in comparison to all other bids received.

If only one bid is received, state reason why accepted and not re-bidding:

BID TABULATION FORM

Bid: 16/17-3

Date: December 6, 2016

Proj: Cured-In-Place Pipe

Time Open: 1:07

Ad: Clay Today, November 10, 2016

Time Close: 1:20

This is a generic Bid Tabulation Form; all required bid documents will be verified prior to bid recommendation.

Bids to be evaluated based on evaluation criteria established in bid document

Bidder	Copies	W9	Insurance	Total Amount
1 Hunterland Group Inc.	✓	✓	✓	194,350.00
2 Evans Contracting Services Inc.	✓	✓	✓	283,400.00
3 Vacivision Environmental LLC	✓	✓	✓	261,250.00
4 IPR Southeast LLC	✓	✓	✓	238,150.00
5 Ansituform Technologies LLC	✓	✓	✓	175,090.00
6 American Infrastructure Technologies Corp			✓	305,775.00
7 Southeast Pipe Surveying Inc.	✓	✓	✓	377,590.00
8 Layne An Lines LLC	✓	✓	✓	234,950.00
9				
10				
11				
12				
13				
14				
15				

Staff Assigned to tabulate bids and make recommendations:

Van Hogan
Name

Field Operations Coordinator
Title

Recommendations: Staff will review the bids and present a recommendation to the Finance Committee for subsequent recommendation to the Board. Bids to be evaluated based on evaluation criteria established in bid document.

Bid Opening Witnessed By: Donna Fish
(BCC)

Rate Stat
Clerk
Michael Fly
Department Representative

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	40.90	8,180.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	2.00	400.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	50.10	15,030.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	2.10	630.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	69.60	13,920.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	3.10	620.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	85.70	12,855.00
8	30" CIPP Thickness Variance 1.5 mm	150	LF	4.00	600.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	118.60	17,790.00
10	36" CIPP Thickness Variance 1.5 mm	150	LF	4.20	630.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	141.50	14,150.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	4.70	470.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	179.10	17,910.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	8.50	850.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	254.30	25,430.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	9.00	900.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	303.40	15,170.00
18	60" CIPP Thickness Variance 1.5 mm	50	LF	10.10	505.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	568.60	28,430.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	12.40	620.00
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				175,090.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: One hundred, seventy-five thousand and ninety dollars $\frac{90}{100}$

COMPANY NAME: Insituform Technologies, LLC

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: Insituform Technologies, LLC

ADDRESS: 17988 Edison Avenue

Chesterfield, MO 63005

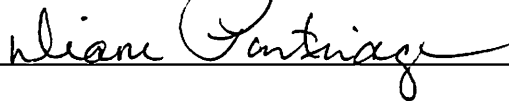
TELEPHONE: (636) 530-8000

FAX #: (636) 530-8701

E-MAIL: dpartridge@eagion.com

Name of Person submitting Bid: Diane Partridge

Title: Contracting and Attesting Officer

Signature: 

Date: December 5, 2016

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	42.00	8,400.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	2.00	400.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	56.00	16,800.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	2.00	600.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	78.00	15,600.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	3.50	700.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	102.00	15,300.00
8	30" CIPP Thickness Variance 1.5 mm	150	LF	4.00	600.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	137.00	20,550.00
10	36" CIPP Thickness Variance 1.5 mm	150	LF	5.00	750.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	168.00	16,800.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	5.00	500.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	210.00	21,000.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	5.00	500.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	300.00	30,000.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	7.00	700.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	340.00	17,000.00
18	60" CIPP Thickness Variance 1.5 mm	50	LF	8.00	400.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	545.00	27,250.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	10.00	500.00
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				194,350.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: One Hundred Ninety Four Thousand, Three Hundred Fifty Dollars and Zero Cents

COMPANY NAME: Hinterland Group, Inc.

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: Hinterland Group, Inc.

ADDRESS: 992 W. 15th Street

Riviera Beach, Florida 33404

TELEPHONE: 561-640-3503

FAX #: 561-640-3504

E-MAIL: DDuke1@hinterlandgroup.com

Name of Person submitting Bid: Daniel Duke III


Title: President

Signature: 

Date: 12/5/2016

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. N/A Date: _____ Acknowledged by: Daniel Duke III 

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$80.00	\$16,000.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	\$0.50	\$100.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$85.00	\$25,500.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	\$1.00	\$300.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$95.00	\$19,000.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	\$2.00	\$400.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$115.00	\$17,250.00
8	30" CIPP Thickness Variance 1.5 mm	150	LF	\$2.50	\$375.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$145.00	\$21,750.00
10	36" CIPP Thickness Variance 1.5 mm	150	LF	\$3.00	\$450.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$190.00	\$19,000.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	\$3.50	\$350.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$230.00	\$23,000.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	\$4.00	\$400.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$365.00	\$36,500.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	\$5.00	\$500.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$460.00	\$23,000.00
18	60" CIPP Thickness Variance 1.5 mm	50	LF	\$5.50	\$275.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$610.00	\$30,500.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	\$6.00	\$300.00
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				\$234,950.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: TWO HUNDRED THIRTY-FOUR THOUSAND NINE HUNDRED FIFTY DOLLARS
+ NO CENTS

COMPANY NAME: LAYNE INLINER, LLC

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: LAYNE INLINER, LLC

ADDRESS: 2531 JENNETT LANE

SANFORD, FL 32771

TELEPHONE: 407-472-0014

FAX #: 407-472-0099

E-MAIL: MIKE.CANNON@LAYNE.COM

Name of Person submitting Bid: MARK HARRIS

Title: VICE PRESIDENT

Signature: 

Date: DEC. 5, 2016

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	57.00	11,400.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	3.00	600.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	65.00	19,500.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	3.00	900.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	95.00	19,000.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	3.00	600.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	125.00	18,750.00
8	30" CIPP Thickness Variance 1.5 mm	150	LF	4.00	600.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	160.00	24,000.00
10	36" CIPP Thickness Variance 1.5 mm	150	LF	5.00	750.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	210.00	21,000.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	5.00	500.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	250.00	25,000.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	5.00	500.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	350.00	35,000.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	5.00	500.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	425.00	21,250.00
18	60" CIPP Thickness Variance 1.5 mm	50	LF	6.00	300.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	750.00	37,500.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	10.00	500.00
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				236,150.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: Two Hundred Thirty Eight Thousand One Hundred FIFTY DOLLARS AND ZERO CENTS
 COMPANY NAME: IPR Southeast LLC

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: IPR Southeast LLC

ADDRESS: 5207 Brer Rabbit Rd.

Stone Mountain, GA 30083

TELEPHONE: 404-969-3073

FAX #: 404-969-3074

E-MAIL: esimpson@teamipr.com

Name of Person submitting Bid: Patrick Maginn

Title: General Manager

Signature: 

Date: 12/02/2016

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$ 70.00	\$ 14,000.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	\$ 3.00	\$ 600.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$ 89.00	\$ 26,700.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	\$ 4.00	\$ 1,200.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$ 108.00	\$ 21,600.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	\$ 5.00	\$ 1,000.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$ 139.00	\$ 20,850.00
8	30" CIPP Thickness Variance 1.5 mm	150	LF	\$ 7.00	\$ 1,050.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$ 174.00	\$ 26,100.00
10	36" CIPP Thickness Variance 1.5 mm	150	LF	\$ 8.00	\$ 1,200.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$ 214.00	\$ 21,400.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	\$ 8.00	\$ 800.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$ 238.00	\$ 23,800.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	\$ 10.00	\$ 1,000.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$ 349.00	\$ 34,900.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	\$ 15.00	\$ 1,500.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$ 482.00	\$ 24,100.00
18	60" CIPP Thickness Variance 1.5 mm	50	LF	\$ 25.00	\$ 1,250.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$ 724.00	\$ 36,200.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	\$ 40.00	\$ 2,000.00
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				\$ 261,250.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: Two Hundred Sixty One Thousand Two Hundred Fifty Dollars and Zero Cents

COMPANY NAME: VacVision Environmental, LLC

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: VacVision Environmental, LLC

ADDRESS: 10200 US Hwy 92 East
Tampa, FL 33610


TELEPHONE: (813) 626-0700

FAX #: (813) 626-0777

E-MAIL: wkingery@vac-vision.com

Name of Person submitting Bid: Benjamin Roesse

Title: Managing Member

Signature: 

Date: 12/02/2016

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. N/A Date: N/A Acknowledged by: None

Addendum No. Date: Acknowledged by:

Addendum No. Date: Acknowledged by:

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$ 60.00	\$ 12,000.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	\$ 10.00	\$ 2,000.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$ 80.00	\$ 24,000.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	\$ 10.00	\$ 3,000.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$ 120.00	\$ 24,000.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	\$ 10.00	\$ 2,000.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$ 150.00	\$ 22,500.00
8	30" CIPP Thickness Variance 1.5 mm	150	LF	\$ 11.00	\$ 1,650.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$ 225.00	\$ 33,750.00
10	36" CIPP Thickness Variance 1.5 mm	150	LF	\$ 12.00	\$ 1,800.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$ 275.00	\$ 27,500.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	\$ 13.00	\$ 1,300.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$ 325.00	\$ 32,500.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	\$ 14.00	\$ 1,400.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$ 375.00	\$ 37,500.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	\$ 20.00	\$ 2,000.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$ 425.00	\$ 21,250.00
18	60" CIPP Thickness Variance 1.5 mm	50	LF	\$ 20.00	\$ 1,000.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$ 625.00	\$ 31,250.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	\$ 20.00	\$ 1,000.00
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				\$ 283,400.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: Two Hundred Eighty Three Thousand Four Hundred Dollars

COMPANY NAME: Evans Contracting Services, Inc.

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: Evans Contracting Services, Inc.

ADDRESS: 320 Foxtail Ave Middleburg, FL 32068

TELEPHONE: 904-282-0155

FAX #: 904-282-0158

E-MAIL: crystal_ecs@att.net

Name of Person submitting Bid: Nora M. Evans

Title: Vice President

Signature: 

Date: 12/2/2016

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	75. ⁰⁰	15,000. ⁰⁰
2	15" CIPP Thickness Variance 1.5 mm	200	LF	2.50	500. ⁰⁰
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	92. ⁰⁰	27,600. ⁰⁰
4	18" CIPP Thickness Variance 1.5 mm	300	LF	3.75	1,125. ⁰⁰
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	122. ⁰⁰	24,400. ⁰⁰
6	24" CIPP Thickness Variance 1.5 mm	200	LF	5. ⁰⁰	1,000. ⁰⁰
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	175. ⁰⁰	26,250. ⁰⁰
8	30" CIPP Thickness Variance 1.5 mm	150	LF	6. ⁰⁰	900. ⁰⁰
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	220. ⁰⁰	33,000. ⁰⁰
10	36" CIPP Thickness Variance 1.5 mm	150	LF	7.50	1,125. ⁰⁰
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	275. ⁰⁰	27,500. ⁰⁰
12	42" CIPP Thickness Variance 1.5 mm	100	LF	9.25	925. ⁰⁰
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	365. ⁰⁰	36,500. ⁰⁰
14	48" CIPP Thickness Variance 1.5 mm	100	LF	10.75	1,075. ⁰⁰
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	410. ⁰⁰	41,000. ⁰⁰
16	54" CIPP Thickness Variance 1.5 mm	100	LF	12.50	1,250. ⁰⁰
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	550. ⁰⁰	27,500. ⁰⁰
18	60" CIPP Thickness Variance 1.5 mm	50	LF	15. ⁰⁰	750. ⁰⁰
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	750. ⁰⁰	37,500. ⁰⁰
20	72" CIPP Thickness Variance 1.5 mm	50	LF	17.50	875. ⁰⁰
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				305,775. ⁰⁰

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: Three Hundred & five thousand, seven hundred & seventy five
 COMPANY NAME: American Infrastructure Technologies Corporation.

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: American Infrastructure Technologies Corporation

ADDRESS: 8799 US Hwy 31
Hanceville, AL 35077

TELEPHONE: (256) 739-4747

FAX #: (256) 737-1871

E-MAIL: AITC@AITECHCORP.COM

Name of Person submitting Bid: Jared Giddens

Title: Vice-President

Signature: 

Date: 12/2/16

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$152.00	\$30,400.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	\$6.75	\$1,350.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$171.00	\$51,300.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	\$8.40	\$2,520.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$162.55	\$32,510.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	\$11.85	\$2,370.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$197.55	\$29,632.50
8	30" CIPP Thickness Variance 1.5 mm	150	LF	\$14.50	\$2,175.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$279.85	\$41,977.50
10	36" CIPP Thickness Variance 1.5 mm	150	LF	\$17.00	\$2,550.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$305.50	\$30,550.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	\$20.35	\$2,035.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$338.50	\$33,850.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	\$23.50	\$2,350.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$496.25	\$49,625.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	\$27.00	\$2,700.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$530.65	\$26,532.50
18	60" CIPP Thickness Variance 1.5 mm	50	LF	\$28.00	\$1,400.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$584.00	\$29,200.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	\$51.25	\$2,562.50
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				\$377,590.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: Three hundred seventy seven thousand five hundred ninety dollars

COMPANY NAME: Southeast Pipe Survey, Inc.

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: Southeast Pipe Survey, Inc.

ADDRESS: 3523 Williams Street

P. O. Box 477

Patterson, Georgia 31557

TELEPHONE: (912) 647-2847

FAX #: (912) 647-2869

E-MAIL: jean@southeastpipe.com

Name of Person submitting Bid: David R. Herrin

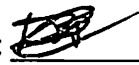
Title: President

Signature: 

Date: December 2, 2016

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. ① Date: _____ Acknowledged by: 

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Bid No. 16/17-3
Cured-In-Place Pipe (CIPP) Installation
Bid Comparison

				Insituform Technologies		Hinterland Group		Layne Inliner		IPR Southeast		VacVision Environmental		Evans Contracting		American Infrastructure Technologies		Southeast Pipe	
Bid Item	Description	Quantity	Units	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
1	Mobilization																		
2	Maintenance of Traffic																		
3	Dewatering and Pipe Cleaning																		
4	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$40.90	\$8,180.00	\$42.00	\$8,400.00	\$80.00	\$16,000.00	\$57.00	\$11,400.00	\$70.00	\$14,000.00	\$60.00	\$12,000.00	\$75.00	\$15,000.00	\$152.00	\$30,400.00
5	15" CIPP Thickness Variance 1.5 mm	200	LF	\$2.00	\$400.00	\$2.00	\$400.00	\$0.50	\$100.00	\$3.00	\$600.00	\$3.00	\$600.00	\$10.00	\$2,000.00	\$2.50	\$500.00	\$6.75	\$1,350.00
6	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$50.10	\$15,030.00	\$56.00	\$16,800.00	\$85.00	\$25,500.00	\$65.00	\$19,500.00	\$89.00	\$26,700.00	\$80.00	\$24,000.00	\$92.00	\$27,600.00	\$171.00	\$51,300.00
7	18" CIPP Thickness Variance 1.5 mm	300	LF	\$2.10	\$630.00	\$2.00	\$600.00	\$1.00	\$300.00	\$3.00	\$900.00	\$4.00	\$1,200.00	\$10.00	\$3,000.00	\$3.75	\$1,125.00	\$8.40	\$2,520.00
8	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$69.60	\$13,920.00	\$78.00	\$15,600.00	\$95.00	\$19,000.00	\$95.00	\$19,000.00	\$108.00	\$21,600.00	\$120.00	\$24,000.00	\$122.00	\$24,400.00	\$162.55	\$32,510.00
9	24" CIPP Thickness Variance 1.5 mm	200	LF	\$3.10	\$620.00	\$3.50	\$700.00	\$2.00	\$400.00	\$3.00	\$600.00	\$5.00	\$1,000.00	\$10.00	\$2,000.00	\$5.00	\$1,000.00	\$11.85	\$2,370.00
10	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$85.70	\$12,855.00	\$102.00	\$15,300.00	\$115.00	\$17,250.00	\$125.00	\$18,750.00	\$139.00	\$20,850.00	\$150.00	\$22,500.00	\$175.00	\$26,250.00	\$197.55	\$29,632.50
11	30" CIPP Thickness Variance 1.5 mm	150	LF	\$4.00	\$600.00	\$4.00	\$600.00	\$2.50	\$375.00	\$4.00	\$600.00	\$7.00	\$1,050.00	\$11.00	\$1,650.00	\$6.00	\$900.00	\$14.50	\$2,175.00
12	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$118.60	\$17,790.00	\$137.00	\$20,550.00	\$145.00	\$21,750.00	\$160.00	\$24,000.00	\$174.00	\$26,100.00	\$225.00	\$33,750.00	\$220.00	\$33,000.00	\$279.85	\$41,977.50
13	36" CIPP Thickness Variance 1.5 mm	150	LF	\$4.20	\$630.00	\$5.00	\$750.00	\$3.00	\$450.00	\$5.00	\$750.00	\$8.00	\$1,200.00	\$12.00	\$1,800.00	\$7.50	\$1,125.00	\$17.00	\$2,550.00
14	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$141.50	\$14,150.00	\$168.00	\$16,800.00	\$190.00	\$19,000.00	\$210.00	\$21,000.00	\$214.00	\$21,400.00	\$275.00	\$27,500.00	\$275.00	\$27,500.00	\$305.50	\$30,550.00
15	42" CIPP Thickness Variance 1.5 mm	100	LF	\$4.70	\$470.00	\$5.00	\$500.00	\$3.50	\$350.00	\$5.00	\$500.00	\$8.00	\$800.00	\$13.00	\$1,300.00	\$9.25	\$925.00	\$20.35	\$2,035.00
16	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$179.10	\$17,910.00	\$210.00	\$21,000.00	\$230.00	\$23,000.00	\$250.00	\$25,000.00	\$238.00	\$23,800.00	\$325.00	\$32,500.00	\$365.00	\$36,500.00	\$338.50	\$33,850.00
17	48" CIPP Thickness Variance 1.5 mm	100	LF	\$8.50	\$850.00	\$5.00	\$500.00	\$4.00	\$400.00	\$5.00	\$500.00	\$10.00	\$1,000.00	\$14.00	\$1,400.00	\$10.75	\$1,075.00	\$23.50	\$2,350.00
18	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$254.30	\$25,430.00	\$300.00	\$30,000.00	\$365.00	\$36,500.00	\$350.00	\$35,000.00	\$349.00	\$34,900.00	\$375.00	\$37,500.00	\$410.00	\$41,000.00	\$496.25	\$49,625.00
19	54" CIPP Thickness Variance 1.5 mm	100	LF	\$9.00	\$900.00	\$7.00	\$700.00	\$5.00	\$500.00	\$5.00	\$500.00	\$15.00	\$1,500.00	\$20.00	\$2,000.00	\$12.50	\$1,250.00	\$27.00	\$2,700.00
20	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$303.40	\$15,170.00	\$340.00	\$17,000.00	\$460.00	\$23,000.00	\$425.00	\$21,250.00	\$482.00	\$24,100.00	\$425.00	\$21,250.00	\$550.00	\$27,500.00	\$530.65	\$26,532.50
21	60" CIPP Thickness Variance 1.5 mm	50	LF	\$10.10	\$505.00	\$8.00	\$400.00	\$5.50	\$275.00	\$6.00	\$300.00	\$25.00	\$1,250.00	\$20.00	\$1,000.00	\$15.00	\$750.00	\$28.00	\$1,400.00
22	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$568.60	\$28,430.00	\$545.00	\$27,250.00	\$610.00	\$30,500.00	\$750.00	\$37,500.00	\$724.00	\$36,200.00	\$625.00	\$31,250.00	\$750.00	\$37,500.00	\$584.00	\$29,200.00
23	72" CIPP Thickness Variance 1.5 mm	50	LF	\$12.40	\$620.00	\$10.00	\$500.00	\$6.00	\$300.00	\$10.00	\$500.00	\$40.00	\$2,000.00	\$20.00	\$1,000.00	\$17.50	\$875.00	\$51.25	\$2,562.50
	Total				\$175,090.00		\$194,350.00		\$234,950.00		\$238,150.00		\$261,250.00		\$283,400.00		\$305,775.00		\$377,590.00

Low Bid
Second Low Bid
High Bid

Bid Invitations Sent to the Following Companies for:
Bid #16/17-3, Cured-In-Place Pipe Services

Metal Culverts
JAM IV Construction
Ferguson Waterworks
Contech Engineered Solutions
H D Supply Waterworks, LTD
Worth Construction & Development, Inc.
J. B. Coxwell Contracting, Inc.
Polston Applied Technologies, LLC
Construction Journal
Prime Vendor
Lanier Municipal Supply Co, Inc.
J. D. Hinson Company
Del Zotto Products of Florida, Inc.
Line & Grade Contracting, LLC
Gulf Atlantic Culvert Company, Inc.
Besch & Smith Civil Group, Inc.
Onas Corporation
Evans Contracting Services, Inc.
IPR Southeast
Perma-Liner Industries, LLC
The Galloway Group
Vac-Vision
Jennings Engineering and Construction
Baker Klein Engineering
Hinterland Group, Inc.
Florida Bid Network
Miller Pipeline
LMR Construction, Inc.
Midas Companies
National Water Main Cleaning Company
Southeast Pipe Survey, Inc.
Gulf Coast Underground
Insituform Technologies, LLC
Layne
ISQFT/Construct Connect
AITC

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES
(As provided by Public Works)

1. General Requirements

- 1.1. The purpose of this solicitation is to establish a contract for Cured-in-Place Pipe Services (CIPP) at various locations throughout the county in conjunction with the County's needs on an as needed basis.
- 1.2. The Contractor shall be responsible for the Maintenance of Traffic, Dewatering, Environmental Compliance, and all Q.C. testing for the project. All construction shall be in compliance with the latest edition of FDOT Standard Specifications for Roads and Bridge Construction.
- 1.3. The installation of CIPP and related services will take place in roadways, right-of-ways, easements, and County-owned property throughout Clay County.
- 1.4. All Work shall be performed during normal County business hours (7:00 a.m. to 3:30 p.m.) on non-holiday weekdays, unless otherwise authorized by the designated Clay County Representative. Any Work performed outside of normal County business hours shall require prior County approval.

2. Responsibilities

- 2.1. It shall be the responsibility of the Designated Clay County Representative to oversee all work and to ensure that all policies set forth by Clay County and the Florida Department of Transportation are adhered to.
- 2.2. Bidders must submit a list of five (5) CIPP installation projects successfully completed within the last five (5) years. Three of the five listed projects shall include pipe diameters of 36" or larger. The list shall include the names of the projects, description of the projects, names and contact information of the owners and the dollar amount of the contracts. The list must be submitted with the bid.
- 2.3. The County shall have the right to review references and qualifications of the Contractor and Subcontractors in order to make the final determination of acceptability of the Contractor and Subcontractor to be awarded the contract and perform the work.
- 2.4. The Contractor shall be liable at all times for the actions of the Contractor's work force, which shall remain under the direct supervision of the Contractor.
- 2.5. The Contractor is required to have a qualified superintendent on the job at all times. If multiple jobs are under construction concurrently, each job is required to have a qualified superintendent on site.

- 2.6. The Contractor shall at all times keep the Designated County Representative apprised of the progress of any project or work, working conditions, changes in service or scope, or any actions associated with the contract.
- 2.7. The County shall keep the Contractor apprised of any upcoming projects, and shall allow the Contractor a reasonable time for mobilization prior to a notice to proceed being given unless it is an emergency need.

3. Safety

- 3.1. All standard equipment, work operations, safety equipment, personal protective equipment, and lighting required or mandated by State, Federal, OSHA, or ADA regulations must be provided. All equipment safety devices installed by the manufacturer shall be in place and in proper working order at all times. The Designated Clay County Representative shall have the option to shut down the project if it is determined an unsafe situation exists. Contractors shall shut down immediately upon notice and will not resume work until the unsafe condition has been remedied.
- 3.2. Should the work site be in a hazardous area, the County shall furnish the Contractor with information concerning known hazards such as types or identification of known toxic material, machine hazards, Material Safety Data Sheets, or any other information that would assist the Contractor in the planning of a safe work site. The Contractor shall be aware that while working for the County, representatives from agencies such as the United States Department of Labor, Occupational Safety and Health Administration (OSHA), and the Division of Safety, State of Florida, are invitees and need not have warrants or permission to enter the work site. These agencies enter at the pleasure of the County.
- 3.3. The Contractor shall designate a competent person of its organization whose duty shall be the prevention of accidents at the site. This person shall be literate and able to communicate fully in the English language because of the necessity to read job instructions and signs, as well as the need for conversing with management personnel. This person shall also be the Contractor's superintendent unless otherwise designated in writing by the Contractor to the County. All communications to the superintendent shall be as binding as if given to the Contractor.

4. Maintenance of Traffic

- 4.1. The Contractor shall observe at all times those provisions and requirements of Florida Department of Transportation's Standard Specifications for Road and Bridge Construction (Section 102 Maintenance of Traffic), the Florida Department of Transportation's Design Standards, and the Manual on Uniform Traffic Control Devices (MUTCD) latest editions and supplements.

- 4.2. **The Contractor shall provide the County the certification documents of their Worksite Traffic Supervisor** who shall be responsible for initiating, installing, and maintaining all traffic control devices as described in Florida Department of Transportation's Standard Specifications for Road and Bridge Construction (Section 102 Maintenance of Traffic). The Worksite Traffic Supervisor shall have experience directly related to Worksite traffic control in a supervisory or responsible capacity.
- 4.3. The responsibility for the installation and maintenance of adequate traffic control devices, warning devices and barriers for the protection of the traveling public and workers, as well as to safeguard the work area in general shall rest with the Contractor.
- 4.4. The Worksite Traffic Supervisor shall:
- 4.4.1. Be available on a 24-hour per day basis and shall review any project on a day to day basis as well as being involved in all changes to traffic control.
 - 4.4.2. Have access to all equipment and materials needed to maintain traffic control and handle all traffic related situations.
 - 4.4.3. Shall ensure that any safety deficiencies in traffic control are corrected immediately.
 - 4.4.4. Shall be present to direct the initial setup of the traffic control plan and any subsequent changes to the plan.
 - 4.4.5. Shall be available on the site within 1 hour after notification of an emergency situation, prepared to positively respond to traffic control needs or to provide alternate traffic arrangements.
- 4.5. The Contractor shall have a responsible person available at or reasonably near the Work site in order that they may be contacted in emergencies and in cases where immediate action must be taken in order to maintain traffic or to handle any other problem that may arise. The Contractor's responsible person for supervision for emergencies shall clearly speak and understand English. The Contractor shall submit phone numbers and names of personnel designated to be contacted in cases of emergencies.

5. Examination of Bid Documents

- 5.1. Before submitting a proposal, each Bidder shall carefully examine the complete Bid package, including but not limited to: Invitation to Bid, Instructions to Bidders, General Conditions, Special Conditions, Specifications, and all Addenda thereto, any and all of which contain provisions applicable to the successful Bidder.
- 5.2. A Bidder is expected to base its Bid on those unit quantities listed on the Bid Sheet, which shall be fully inclusive. These quantities are estimates only and are strictly for the purpose of establishing a basis to award the bid.

6. Withheld Payment

- 6.1. The County may decline to make payment, may withhold funds and, if necessary, may demand the return of some or all of the amounts previously paid to the Contractor, to protect the County from loss because of:
- 6.2. Defective Work not remedied by the Contractor and, in the opinion of the County, not likely to be remedied by the Contractor;
- 6.3. Claims of third parties against the County or County property;
 - 6.3.1. Failure by the Contractor to pay Subcontractors or others in a prompt and proper fashion;
 - 6.3.2. Persistent failure to carry out the Work in accordance with the Bid;
 - 6.3.3. Damage to the County or a third party to whom the County may be liable.

7. Contract Administration

- 7.1. The County and the Contractor shall communicate with each other in the first instance through the Designated Clay County Representative only.
- 7.2. With reasonable promptness on request of the Contractor, the Designated County Representative shall render written or graphic interpretations necessary for the proper execution or progress of the Work or project. The Designated County Representative shall be the initial interpreter of the requirements of any job and shall be the judge of the performance of the Contractor.

8. Claims by the Contractor

- 8.1. Claims for Concealed and Unknown Conditions - Should concealed and unknown conditions be encountered in the performance of the work, the Contractor shall stop work immediately, contact the Clay County Designated Representative for the project for a determination of how to proceed.
- 8.2. The County shall not be liable to the Contractor for claims of third parties, including Subcontractors, unless and until liability of the Contractor.

9. Technical Specifications

- 9.1. General
 - 9.1.1. These specifications include the minimum requirements for the rehabilitation of storm sewer pipelines by the installation of Cured-In-Place (CIPP) within existing deteriorated pipe at various, multiple locations throughout Clay County.
 - 9.1.2. The rehabilitation of pipelines shall be done by the installation of a resin-impregnated flexible tube which, when cured, shall be continuous and tight-fitting throughout the entire length of the original pipe. The CIPP shall extend the full

- length of the original pipe and provide a structurally sound, joint-less and water-tight new pipe within a pipe. The Contractor is responsible for proper, accurate and complete installation of the CIPP using the system selected by the Contractor.
- 9.1.3. The Contractor shall clean up, restore existing surface conditions, and repair any of the CIPP systems determined to be defective. The Contractor shall conduct installation operations and schedule clean up in a manner to cause the least possible obstruction and inconvenience to traffic, pedestrians, business, and property owners or tenants.
- 9.1.4. The prices submitted by the Contractor shall include all costs of permits, labor, equipment and materials for the various bid items necessary for furnishing and installing, complete in place of CIPP, including site restoration, in accordance with these specifications.

9.2. Description of Work and Product Delivery

- 9.2.1. These specifications cover all work necessary to furnish and install the CIPP. The Contractor shall provide all materials, labor, equipment, and services necessary for traffic control, bypass pumping and/or diversion of storm water flows, cleaning and television inspection of pipes to be lined, liner installation, all quality control, provide samples for performance of required materials tests, final television inspection, testing of lined pipe systems, and warranty work, all as specified herein.
- 9.2.2. The CIPP shall be continuous and joint-less from manhole to manhole or access point to access point and shall be free of all defects that will affect the long-term life and operation of the pipe.
- 9.2.3. The CIPP shall fit sufficiently tight within the existing pipe so as to not leak at the manholes or through the wall of the installed pipe. If leakage occurs at the manhole the Contractor shall seal these areas to stop all leakage using a material compatible with the CIPP. If leakage occurs through the wall of the pipe the liner shall be repaired or removed. Final approval of the liner installation will be based on a leak tight pipe.
- 9.2.4. The CIPP shall be designed for a life of 50 years or greater.
- 9.2.5. The CIPP may be designed to resist external groundwater pressures only or as a fully structural stand-alone pipe-within-a-pipe. The installed CIPP shall withstand all applicable surcharge loads (soils overburden, live loads, etc.) and external hydrostatic (groundwater) pressure, if present, for each specific installation location.
- 9.2.6. All materials furnished as part of this contract shall be marked with details product information, stored in a manner specified by the manufacturer, and tested to the requirement of this contract.

- 9.2.7. The Contractor shall furnish all samples for product testing at the request of the County. The Contractor shall also submit certification for all furnished material, see Section 9.5.4.7.

9.3. References

- 9.3.1. The following documents form a part of the specifications to the extent stated herein and shall be the latest editions hereof. Where differences exist between codes and standards, the requirements of these specifications shall apply. All references to codes and standards shall be to the latest revised version.

ASTM-F1216	ASTM-F2019-03
ASTM-F1743	ASTM-D2122-98(2004)
ASTM-D543	ASTM-F2561-06
ASTM-D638	ASTM-D2990
ASTM-D790	ASTM-D3567-97(2002)
ASTM-D792	ASTM-D3681
ASTM-D5813	

9.4. CIPP Repair/Replacement

- 9.4.1. Occasionally installations will result in the need to repair or replace a defective CIPP. If requested by the County, the Contractor shall outline specific repair or replacement procedures for identified defects that have occurred in the installed CIPP.
- 9.4.2. Repairable defects that may occur in the installed CIPP shall be specifically defined by the Contractor, including a detail step-by-step repair procedure, resulting in a finished product meeting the requirements of these contract specifications.
- 9.4.3. Unrepairable defects that may occur to the CIPP shall be clearly defined by the Contractor, including a recommended procedure for the removal and replacement of the CIPP.

9.5. Products

9.5.1. General

- 9.5.1.1. Materials shall be shipped, stored, and handled in a manner consistent with written recommendations of the CIPP system manufacturer to avoid damage. Damage includes, but is not limited to, gouging, abrasion, flattening, cutting, puncturing, or ultra-violet (UV) degradation. On site storage locations shall be approved by the County. All damaged materials shall be promptly removed from the project site at the Contractor's expense and disposed of in accordance with all current applicable agency regulations.

9.5.2. Fabric Tube

- 9.5.2.1. The fabric tube consist of one or more layers of absorbent non-woven felt fabric, felt/fiberglass or fiberglass and meet the requirements of ASTM F1216, ASTM F1743, ASTM D5813, & ASTM F2019. The fabric tube shall be capable of absorbing and carry resins, constructed to withstand installation

pressures and curing temperatures and have sufficient strength to bridge missing pipe segments, and stretch to fit irregular pipe sections.

9.5.2.2. The wet-out fabric tube shall have a uniform thickness and excess resin distribution that when compressed at installation pressures will meet or exceed the design thickness after cure.

9.5.2.3. The fabric tube shall be manufactured to a size and length that when installed will tightly fit the internal circumference, meeting applicable ASTM standards or better, of the original pipe. Allowance shall be made for circumferential stretching during installations. The tube shall be properly sized to the diameter of the existing pipe and the length to be rehabilitated and be able to stretch to fit irregular pipe section and negotiate bends. The Contractor shall determine the minimum tube length necessary to effectively span the designated run between manholes. The Contractor shall verify the length in the field prior to ordering and prior to impregnation of the tube with resin, to ensure that the tube will have sufficient length to extend the entire length of the run. The Contractor shall also measure the inside diameter of the existing pipelines in the field to ordering liner so that the liner can be installed in a tight-fitted condition.

9.5.2.4. The outside and /or inside layer of the fabric tube (before inversion/pull-in as applicable) shall be coated with an impermeable, flexible membrane that will contain the resin and facilitate, if applicable, the vacuum impregnation (wet-out) procedure.

9.5.2.5. No material shall be included in the fabric tube that may cause delamination in the cured CIPP. No dry or unsaturated layers shall be acceptable upon visual inspection as evident by color contrast between the tube fabric and activated resin containing a colorant.

9.5.2.6. The wall color of the interior pipe surface of CIPP after installation shall be a light reflective color so that a clear detailed examination with closed circuit television inspection equipment may be made. The hue of the color shall be dark enough to distinguish a contrast between the fully saturated felt fabric and dry resin lean areas.

9.5.2.7. Seams in the fabric tube, if applicable, shall meet the requirements of ASTM D5813.

9.5.2.8. The minimum length of the fabric tube shall be that deemed necessary by the installer to effectively span the distance from the starting manhole to the termination manhole or access point, plus that amount required to run-in and run-out for the installation process.

9.5.3. Resins

9.5.3.1. The resins shall be a corrosion resistant polyester or vinyl ester resin and catalyst system or epoxy and hardener system that, when properly cured within the tube composite, meets the requirements of ASTM F1216, ASTM F1743 or

F2019. The resin shall produce CIPP which will comply with or exceed the structural requirements of these specifications.

9.5.3.2. The resin to tube ratio, by volume, shall be furnished as recommended by the manufacturer.

9.5.4. Structural Requirements

9.5.4.1. The physical properties and characteristics of the finished liner will vary considerably, depending on the types and mixing proportions of the materials used, and the degree of cure executed. It shall be the responsibility of the Contractor to control these variables and to provide a CIPP system which meets or exceeds the minimum properties specified herein.

9.5.4.2. The CIPP shall be designed as per ASTM F1216 Appendixes. The CIPP design shall assume no bonding to the original pipe wall.

9.5.4.3. The Engineer shall set the long term (50 year extrapolated) Creep Retention Factor at 50% of the initial design fixture modulus as determined by ASTM D-790 test methods. This value shall be used unless the Engineer submits long term test data (ASTM D-2990) to substantiate a higher retention factor.

9.5.4.4. The CIPP material shall, at a minimum, meet or exceed the structural properties that are listed below.

9.5.4.5. Minimum Physical Properties

Property	Test Method	Cured Composite per ASTM F1216	Cured Composite per Design
Flexural Modulus of Elasticity	ASTM D-790	250,000 psi	Contractor value
Flexural Strength	ASTM D-790	4,500 psi	Contractor value

9.5.4.6. The required structural CIPP wall thickness shall be based, at a minimum, on the physical properties of the cured composite and per the design of a Professional Engineer and in accordance with the design equations contained in the appendix of the ASTM standards, and the following parameters:

Design Safety Factor	2.0 (1.5 for pipes 36" or larger)
Creep Retention Factor	50%
Ovality	2% or as measured by field inspection
Constrained Soil Modulus	Per AASHTO LRFD Section 12 and

	AWWA Manual M45
Groundwater Depth	As determined by field investigation
Soil Depth (Above the crown)	As determined by field investigation
Live Load	Highway, railroad, or airport as applicable
Soil Load (assumed)	120 lb/cu ft
Minimum Service Life	50 years

9.5.4.7. The Contractor shall submit, prior to installation of lining materials, certification of compliance with these specifications. Certified material test reports shall be included that confirm that all materials conform to these specifications. Materials not complying with these requirements will be rejected.

9.5.4.8. The design soil modulus may be adjusted based on data determined from detailed project soil testing results.

9.6. Installation

9.6.1. Construction Requirements

9.6.1.1. The Contractor shall clean the interior of the existing host pipe prior to installation of the CIPP liner. All debris and obstructions that will affect the installation and the final CIPP product shall be removed and disposed of at the Contractor's expense. Solid debris and deposits shall be removed from the system and disposed of properly by the Contractor. Moving material from manhole section to manhole section shall not be allowed. The Contractor shall perform a detailed closed circuit television inspection in accordance with ASTM standards of the existing pipe prior to installation of the CIPP.

9.6.1.2. The CIPP liner shall be constructed of materials and methods that, when installed, shall provide a joint-less and continuous structurally sound CIPP able to withstand all imposed static and dynamic loads on a long term basis.

9.6.1.3. Bypass pumping of existing base flows and stormwater flows: The Contractor shall provide for the flow of existing base flows and stormwater flows around the section or sections of pipe designated for CIPP installation. The Contractor shall provide a dewatering plan prior to construction.

9.6.2. Installation of Liner

9.6.2.1. The CIPP liner shall be installed and cured in the host pipe per the manufacturer's specifications.

9.6.2.2. CIPP installation shall be in accordance with the applicable ASTM standards.

- 9.6.2.3. The wet-out tube shall be positioned in the pipeline using the method specified by the manufacturer. Care should be exercised not to damage the tube as a result of installation. The tube should be pulled in or inverted through an existing manhole or approved access point and fully extend to the next designated manhole or termination point.
- 9.6.2.4. Prior to installation and as recommended by the manufacturer remote temperature gauges or sensors shall be placed inside the host pipe to monitor the temperature during the cure cycle. Liner and/or host pipe interface temperature shall be monitored and logged during the cure of the liner.
- 9.6.2.5. To monitor the temperature of the liner wall and to verify correct curing, temperature sensors can be placed between the host pipe and the liner in the bottom of the host pipe (invert) throughout its length to monitor the temperature on the outside of the liner during the curing process. The temperature sensors can be placed at intervals as recommended by the sensor manufacturer.
- 9.6.2.6. Curing shall be accomplished by utilizing the appropriate medium in accordance with the manufacturer's recommended cure schedule. The curing source or in and output temperatures shall be monitored and logged during the cure cycles if applicable. The manufacturer's recommended cure method and schedule shall be used for each line segment installed.
- 9.6.2.7. For heat cured liners, if any temperature sensor or multiple sensors do not reach the temperature as specified by the manufacturer to achieve proper curing or cooling, the installer can make necessary adjustments to comply with the manufacturer's recommendations. The system computer should have an output report that specifically identifies each installed sensor station in the length of pipe, indicates the maximum temperature achieved and sustained temperature time. Each sensor should record both the maximum temperature and the minimum cool down temperature and comply with the manufacturer's recommendations.

9.6.3. Cool Down

- 9.6.3.1. The Contractor shall cool the CIPP in accordance with the CIPP manufacturer's recommendations.
- 9.6.3.2. Temperatures and cooling data shall be monitored and recorded by the Contractor throughout the installation process to ensure that each phase of the process is achieved in accordance with the CIPP manufacturer's recommendations.

9.6.4. Finish

- 9.6.4.1. The installed CIPP shall be continuous over the entire length of the pipe section and shall be free from visual defects such as foreign inclusions, dry spots, pinholes, major wrinkles and delamination. The CIPP shall be

impervious and free of any leakage from the pipe to the surrounding ground or from the ground to the inside of the lined pipe.

9.6.4.2. Any defect which will or could affect the structural integrity or strength of the lining shall be repaired at the Contractor's expense.

9.6.4.3. The beginning and the end of the CIPP shall be sealed to the existing host pipe. The sealing material shall be compatible with the pipe end and shall provide a watertight seal.

9.6.4.4. If the wall of the CIPP leaks, it shall be repaired or removed and replaced with a watertight pipe as recommended by the manufacturer of the CIPP.

9.7. Manhole Connections

9.7.1. A seal, consisting of resin mixture or hydrophilic seal compatible with the installed CIPP shall be applied at manhole/wall interface in accordance with the CIPP manufacturer's recommendation.

9.8. Final Acceptance

9.8.1. The Contractor shall perform a detailed closed circuit television inspection in accordance with ASTM standards after installation of the CIPP liner. A radial view (pan and tilt) TV camera shall be used. The finished liner shall be continuous over the entire length of the installation and shall be free of significant visual defects, damage, deflection, holes, leaks, and other defect. Unedited digital documentation of the inspection shall be provided to the County. The data shall note the inspection date and shall note any minor defects in the liner such as gouges, cracks, bulges, or bumps. Immediately prior to conducting the closed circuit television inspection, the Contractor shall thoroughly clean the newly installed liner removing all debris and build-up that may have accumulated.

9.8.2. Bypass pumping or plugging from the upstream manhole shall be utilized to minimize storm water from entering the line during the inspection. In the case of bellies in the line, the pipe shall be cleared of any standing water to provide continuous visibility during the inspection.

9.9. Methods of Measurement

9.9.1. Furnish and Install CIPP: the quantity of CIPP liner to be paid for will be the length, per foot, of CIPP liner installed and accepted, measured along the centerline of the pipe, from end to end.

9.9.2. Completion of the Work

9.9.3. When all Work is complete and the Contractor is ready for a final inspection, the Contractor shall notify the Designated County Representative; who shall make final inspection of the Work and determine if the Work is complete and in full accordance with this Bid. Then the Designated County Representative shall approve the final proper invoice for payment.

9.9.4. Acceptance of final payment shall constitute a waiver of all claims against the owner by the Contractor except for those claims previously made in writing against the County by the Contractor, pending at the time of final payment, and identified in writing by the Contractor as unsettled at the time of its request for final payment.

9.10. Basis of Payment

- 9.10.1. Furnish and Install CIPP Lining: price and payment for CIPP liner will be full compensation for furnishing and installing the CIPP liner in accordance with the requirements of these Technical Specifications. Includes pre and post video inspections and submittal of DVD's and written report. Includes, sealing of ends of CIPP liner to manhole/inlet wall, endwall, mitered end section, etc.
- 9.10.2. Mobilization: In addition to the description provided in Section 101 of the FDOT Specifications, includes cost of utility connection fee and water usage fee, locating and securing a laydown area, restoration of laydown area, restoration of County right-of-way / easement area, Professional Engineering services to provide CIPP wall thickness calculations.
- 9.10.3. Maintenance of Traffic: as described in Section 102 of the FDOT Specifications.
- 9.10.4. Dewatering and Pipe Cleaning: price and payment for dewatering and pipe cleaning will be full compensation for dewatering and cleaning of host pipe prior to installation of CIPP liner. Includes cost of disposal of silt and debris removed from the host pipe, maintaining storm water flow around section of pipe being lined including plugs and pumps.

10. Supplemental Conditions

- 10.1. Award of bids will be based on the two (2) lowest, responsive, responsible bids meeting these specifications. All items that are part of the basis of award should be bid at fair and reasonable prices. Failure to do so might cause the bid to be deemed non-responsive. The County shall be the sole judge of what is fair and reasonable. The County reserves the right to reject any and all bids and/or waive any minor irregularities in the bids received, whichever is in the best interest of the County.
- 10.2. The period of performance for this bid is one year from date of award. Prior to the completion of the initial term of this bid, the County shall have the option to renew the contract for two (2) one (1) year terms.
- 10.3. Upon the completion and submittal of all required pre-award documents, the prices resultant from this bid solicitation shall prevail for the full duration of the initial term unless otherwise indicated elsewhere in this document. The performance period of the Bid shall remain in effect for twelve (12) months, and then the Bid will remain in effect until completion of any expressed and/or implied warranty period. The County specifically reserves the right to increase or decrease any or all of the authorized tasks. The Contractor further agrees to provide additional services that the County may desire, and which shall be mutually negotiated regarding scope, timing, and fees, and described by written amendments to this Bid.
- 10.4. The bid prices resultant from this solicitation shall prevail for the full duration of the initial bid term unless otherwise indicated elsewhere in this document. Prior

to completion of the initial term of this Bid, the County shall have the option to renew this Bid for an additional two (2) one (1) year periods.

- 10.5. Additional charges for fuel and bituminous indexes, environmental surcharges, disposal of waste, landfill costs, rental equipment, delivery charges, or employment of additional personnel to accomplish a task will not be authorized. These costs are considered to be included in the Bid proposal for each line item and category.
- 10.6. The County shall have the right to review references, experience of assigned personnel, and qualifications of the Contractor and any subcontractors in order to make the final determination of acceptability to be awarded the contract and perform the work.
- 10.7. When requested, Contractor and any subcontractors shall provide three (3) written letters of reference on Agency/Company letterhead where like work was performed.
- 10.8. The Contractor shall be liable at all times for the actions of the Contractor's work force, which shall remain under the direct supervision of the Contractor.
- 10.9. The Contractor shall at all times keep the Designated County Representative apprised of the progress of any project or work, working conditions, changes in service or scope, or any actions associated with the contract.

11. Project Quotes and Work Orders

- 11.1. This bid is for rehabilitation of storm water pipelines by CIPP lining for multiple project work orders at various locations throughout the County. The project work order locations can be anywhere within Clay County.
- 11.2. The County will perform a preliminary estimate for each project using the unit prices from the two low bids and provide the preliminary estimate to each respective Contractor. The two Contractors will finalize their estimates with site-specific costs that do not have established unit prices. These site specific costs are: (1) Maintenance of Traffic, (2) Mobilization and (3) Dewatering and Pipe Cleaning. **Pricing for Mobilization, Maintenance of Traffic, Dewatering and Pipe Cleaning will be negotiated on a per-project basis at the time the project scope of work has been developed.** The Contractors' final estimates will be provided to the County within the time established by the Designated County Representative. When the low final estimate is determined, a purchase order will be issued given to the Contractor. The Contractor will provide a proposed start date for contraction and a construction schedule within seven (7) calendar days of receipt of the purchase order. Payment for each project will be based on actual quantities used and unit prices from the bid, as approved by the County.
- 11.3. The approve quote amount on any individual purchase order shall be the maximum compensation payable to the Contractor for the project. The purchase order may only be changed for altered quantities authorized by the County. If the

Contractor desires to make a claim for a change in quantity or schedule for a project such claim shall be submitted to the Designated County Representative in writing within three (3) working days of the occurrence of the event giving rise to the claim.

12. Project Schedule

- 12.1. Installation of CIPP shall be initiated, executed and completed no later than sixty (60) calendar days after a purchase order is issued by the County.
- 12.2. For certain projects the County will require that the two Contractors submit with their bids the following information: (1) construction start date, (2) estimated construction duration. If it is determined to be in the best interest of the County, a project can be awarded based on the construction schedule.

13. Suspension or Stoppage of the Work by the Contractor

- 13.1. The Contractor shall not stop work on any project without the written approval of the Designated County Representative.

14. Work Area Clean Up

- 14.1. During the progress of the work, the Contractor shall keep the site and maintained travel lanes free from accumulations of waste, discarded or surplus material, rubbish and other debris or contaminants resulting the work.
- 14.2. Following completion of the work, Contractor shall remove all waste material, rubbish and debris from and about the site as well as all tools, appliances, equipment, machinery and surplus material. The Contractor shall leave the site clean and ready for occupancy by the County at final completion of the work.

15. Warranty

- 15.1. The Contractor shall warrant against all defects in material and workmanship for a period of two years after acceptance of the work.

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	40.90	8,180.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	2.00	400.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	50.10	15,030.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	2.10	630.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	69.60	13,920.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	3.10	620.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	85.70	12,855.00
8	30" CIPP Thickness Variance 1.5 mm	150	LF	4.00	600.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	118.60	17,790.00
10	36" CIPP Thickness Variance 1.5 mm	150	LF	4.20	630.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	141.50	14,150.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	4.70	470.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	179.10	17,910.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	8.50	850.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	254.30	25,430.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	9.00	900.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	303.40	15,170.00
18	60" CIPP Thickness Variance 1.5 mm	50	LF	10.10	505.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	568.60	28,430.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	12.40	620.00
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				175,090.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: One hundred, seventy-five thousand and ninety dollars ⁰⁰/₁₀₀

COMPANY NAME: Insituform Technologies, LLC

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: Insituform Technologies, LLC

ADDRESS: 17988 Edison Avenue

Chesterfield, MO 63005

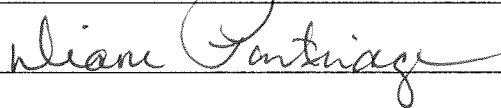
TELEPHONE: (636) 530-8000

FAX #: (636) 530-8701

E-MAIL: dpartridge@eagion.com

Name of Person submitting Bid: Diane Partridge

Title: Contracting and Attesting Officer

Signature: 

Date: December 5, 2016

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion Form

- (1) The prospective Vendor, Insituform Technologies, LLC, certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal Department or Agency.
- (2) Where the Vendor is unable to certify to the above statement, the prospective Vendor shall attach an explanation to this form.

Vendor:

Insituform Technologies, LLC

By:


Signature

Diane Partridge, Contracting and Attesting Officer

Name and Title

17988 Edison Avenue

Street Address

Chesterfield, MO 63005

City, State, Zip

December 5, 2016

Date

Scrutinized Companies Certification
[Clay County Bid #16/17-3, Cured-In-Place Pipe Services]

Name of Company:¹ Insituform Technologies, LLC

In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.

(Seal)

Insert Name of Company:

Insituform Technologies, LLC

17988 Edison Avenue

Chesterfield, MO 63005

By: _____



Diane Partridge

Its Contracting and Attesting Officer

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.

INSITUFORM TECHNOLOGIES, LLC
Assistant Secretary's Certificate

The undersigned, being the Assistant Secretary of Insituform Technologies, LLC, a Delaware limited liability company (the "Company"), hereby certifies that:

1. The following is a true and correct excerpt from the Limited Liability Company Agreement of the Company:

Appointment by the President. The president of the Company may from time to time appoint officers of the Company's operating divisions, and such contracting and attesting officers of the Company as the President may deem proper, who shall have such authority, subject to the control of the Board of Managers, as the President may from time to time prescribe.

2. The President of the Company has, pursuant to the above authority, duly appointed Debra Jasper, Jana Lause, Ursula Youngblood, Diane Partridge, Laura M. Andreski and Whitney Schulte as Contracting and Attesting Officers of the Company. Each of the foregoing have been fully authorized and empowered by the President of the Company (i) to certify and to attest the signature of any officer of the Company, (ii) to enter into and to bind the Company to perform pipeline rehabilitation activities of the Company and all matters related thereto, including the maintenance of one or more offices and facilities of the Company, (iii) to execute and to deliver documents on behalf of the Company, and (iv) to take such other action as is or may be necessary and appropriate to carry out the project, activities and work of the Company.

IN WITNESS WHEREOF, I have hereunto affixed my name as Assistant Secretary this 2nd day of September, 2016.

INSITUFORM TECHNOLOGIES, LLC

By



Daniel P. Schoenekase
Assistant Secretary

"NO BID" STATEMENT
BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

If your company does not intend to bid on this procurement, please complete and return this form prior to the date shown for receipt of Bids to: Clay County Purchasing Division, Attn: Donna Fish, 477 Houston Street, Green Cove Springs, FL 32043

We, the undersigned, decline to bid on the above referenced invitation to bid for the following reasons:

- ☐ Specifications are too restrictive (please explain below or attach separately)
- ☐ Unable to meet specifications
- ☐ Specifications were unclear (please explain below or attach separately)
- ☐ Insufficient time to respond
- ☐ We do not offer this product or service
- ☐ Our schedule would not permit us to perform at this time
- ☐ Unable to meet bond requirements
- ☐ Other (please explain below or attach separately)

Remarks:

Company Name: Insituform Technologies, LLC Telephone #: (636) 530-8000

Signature: *Diane Partridge* Fax #: (636) 530-8701

Print Name: Diane Partridge Title: Contracting and Attesting Officer

Address: 17988 Edison Avenue

City: Chesterfield, MO

Zip: 63005

Insituform Technologies, LLC Reference for CIPP projects in excess of 36" diameter.

1. Owner: JEA

Project Name: Jax Landing 54" CIPP Project

Desc: CIPP lining of 984' of 54" sanitary sewer along the St. Johns River.

Dollar Amount: \$750,000.00

Contact: Elizabeth Dimeo, P.E.

JEA 21 W. Church St.

Jacksonville, FL 32202

904-665-8139

2. Owner: Macon Water Authority

Project Name: Riverside Cemetery LS to Main St LS Gravity SS Rehabilitation 48" Dia

Desc: Clean, Televis and CIPP 6, 450' of 48" Sanitary Sewer

Dollar Amount: \$2.3M

Contact: Daniel Cheek, P.E.

3920 Arkright Rd, Suite 101

Macon, GA 31210

478-743-7175

3. Owner: City Of Bradenton, FL

Project Name: City of Bradenton Stormwater Pipeline Rehabilitation

Description: Clean & TV, CIPP Storm drains

Dollar Amount: \$167,683.00

Contact: Jim McLellan

1411 9th St West

Bradenton, FL 34205

941-708-6300

4. Owner: Gainesville Regional Utilities

Project name: Annual Contract for CIPP work 6/16/15 release.

Desc: Annual CIPP release. Clean, TV, CIPP of 16,000' of 8" to 15" sanitary sewer.

Dollar Amount: \$700,000.00

Contact: Peter Simms

City of Gainesville

PO Box 147117 Station A130

Gainesville, FL 32614

352-214-9879

5. Owner: City of Melbourne

Project Name: City of Melbourne Annual CIPP Release

Desc: Clean, TV, and CIPP 41,000' of 8" to 15" Sanitary Sewer

Dollar Amount: \$1.4M

Contact: Matthew Simon

City of Melbourne

2891 Harper Rd

Melbourne, FL 32904

321-608-5172

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Aegion Corporation	
	2 Business name/disregarded entity name, if different from above Insituform Technologies, LLC (EIN: 13-3032158)	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶ _____	
	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>	
	5 Address (number, street, and apt. or suite no.) 17988 Edison Avenue	Requester's name and address (optional)
	6 City, state, and ZIP code Chesterfield, MO 63005	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN) Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> on page 3. Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.	<table border="1"><tr><td colspan="9">Social security number</td></tr><tr><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td colspan="9">or</td></tr><tr><td colspan="9">Employer identification number</td></tr><tr><td>4</td><td>5</td><td></td><td>-</td><td>3</td><td>1</td><td>1</td><td>7</td><td>9 0 0</td></tr></table>	Social security number												-						or									Employer identification number									4	5		-	3	1	1	7	9 0 0
Social security number																																														
			-																																											
or																																														
Employer identification number																																														
4	5		-	3	1	1	7	9 0 0																																						

Part II Certification Under penalties of perjury, I certify that: 1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and 2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and 3. I am a U.S. citizen or other U.S. person (defined below); and 4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct. Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.	<table border="1"><tr><td>Signature of U.S. person ▶ <i>Liane Partridge</i></td><td>Date ▶ <i>12/5/16</i></td></tr></table>	Signature of U.S. person ▶ <i>Liane Partridge</i>	Date ▶ <i>12/5/16</i>
Signature of U.S. person ▶ <i>Liane Partridge</i>	Date ▶ <i>12/5/16</i>		

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



CERTIFICATE OF LIABILITY INSURANCE

7/1/2017

DATE (MM/DD/YYYY)
6/20/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Lockton Companies Three City Place Drive, Suite 900 St. Louis MO 63141-7081 (314) 432-0500	CONTACT NAME:	
	PHONE (A/C, No, Ext):	
INSURED 1347996 Insituform Technologies, LLC 17988 Edison Avenue Chesterfield MO 63005	FAX (A/C, No):	
	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Greenwich Insurance Company	NAIC # 22322
	INSURER B: ACE American Insurance Company	22667
	INSURER C: Indemnity Insurance Co of North America	43575
	INSURER D: Starr Indemnity & Liability Company	38318
	INSURER E:	
	INSURER F:	


COVERAGES INST02**CERTIFICATE NUMBER:** 12376383**REVISION NUMBER:** XXXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDITIONAL INSURED	SUBROGATION	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY	Y	N	CGD300084901	7/1/2016	7/1/2017	EACH OCCURRENCE \$ 2,000,000
A	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR			BROAD FORM PD/CONTRACTUAL			DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000
	<input checked="" type="checkbox"/> Independent Contractor						MED EXP (Any one person) \$ 10,000
	<input checked="" type="checkbox"/> XCU						PERSONAL & ADV INJURY \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE \$ 4,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC						PRODUCTS - COMP/OP AGG \$ 4,000,000
	<input type="checkbox"/> OTHER						\$
B	AUTOMOBILE LIABILITY	Y	N	ISAH09043330	7/1/2016	7/1/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$ XXXXXXXX
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident) \$ XXXXXXXX
	<input type="checkbox"/> HIRED AUTOS						PROPERTY DAMAGE (Per accident) \$ XXXXXXXX
	<input type="checkbox"/> SCHEDULED AUTOS						\$ XXXXXXXX
	<input type="checkbox"/> NON-OWNED AUTOS						
D	UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB	Y	N	1000095154161	7/1/2016	7/1/2017	EACH OCCURRENCE \$ 10,000,000
	<input type="checkbox"/> RETENTION \$						AGGREGATE \$ 10,000,000
	<input type="checkbox"/> CLAIMS-MADE						\$ XXXXXXXX
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	Y/N	N	WLRC48607354 (CA/MA)	7/1/2016	7/1/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER
C	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input checked="" type="checkbox"/> N	N/A	WLRC48607342 (AOS)	7/1/2016	7/1/2017	E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below			(EXCLUDING MONOPOLISTIC)			E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER**CANCELLATION**

12376383 FOR INFORMATIONAL PURPOSES ONLY	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783

(850) 487-1395

HOWTON, RICHARD TAYLOR
INSITUFORM TECHNOLOGIES LLC
20 FOX CHASE
SUITE B
CARTERSVILLE GA 30120

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

CGC061125

ISSUED: 08/07/2016

CERTIFIED GENERAL CONTRACTOR
HOWTON, RICHARD TAYLOR
INSITUFORM TECHNOLOGIES LLC

IS CERTIFIED under the provisions of Ch.489 FS.
Expiration date : AUG 31, 2018 L1608070002611

DETACH HERE

RICK SCOTT, GOVERNOR

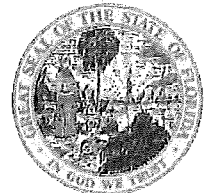
KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER	
CGC061125	

The GENERAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018

HOWTON, RICHARD TAYLOR
INSITUFORM TECHNOLOGIES LLC
17988 EDISON AVENUE
CHESTERFIELD MO 63005



ISSUED: 08/07/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1608070002611

**AIA****Document A310™ – 2010****Bid Bond****CONTRACTOR:***(Name, legal status and address)***INSITUFORM TECHNOLOGIES, LLC
17988 Edison Avenue
Chesterfield, MO 63005****OWNER:***(Name, legal status and address)***Board of Clay County Commissioners
477 Houston Street
Green Cove Springs, FL 32043****SURETY:***(Name, legal status and principal place of business)***Travelers Casualty And Surety Company Of
America
One Tower Square
Hartford, CT 06183****Mail Notices To:****Travelers
Attn: Surety Claim Dept.
One Tower Square 2S1A
Hartford, CT 06183**

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner, or other party shall be considered plural where applicable.

BOND AMOUNT: Five Percent of the Amount Bid ----- dollars (\$ 5% of Amount Bid)**PROJECT: BID #16/17-3, Cured-in-Place Pipe Services***(Name, location or address, and Project number, if any)*

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this **5th** day of **December, 2016**.


(Witness) Laura Andreski, Contracting & Attesting Officer

INSITUFORM TECHNOLOGIES, LLC
(Principal)


(Title) Diane Partridge, Contracting & Attesting Officer **(Seal)**


(Witness) Debra A. Woodard, Witness

Travelers Casualty And Surety Company Of America
(Surety)


(Title) Andrew P. Thome, Attorney-In-Fact **(Seal)**

State of Missouri
County of St. Louis

On 12/05/2016, before me, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared Andrew P. Thome known to me to be Attorney-in-Fact of

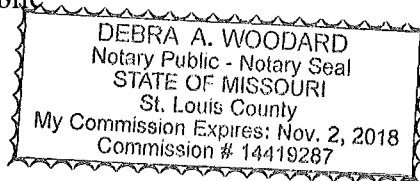
TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument in behalf of said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.



Debra A. Woodard, Notary Public



My Commission Expires: _____



POWER OF ATTORNEY

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company

Attorney-In Fact No. 230491

Certificate No. 007008410

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Andrew P. Thome, Dana A. Dragoy, Peter J. Mohs, Debra A. Woodard, Barbara Buchhold, Michael D. Wiedemeier, Amanda L. Williams, and Jessica Avery

of the City of Chesterfield, State of Missouri, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 12th day of October, 2016.

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company



State of Connecticut
 City of Hartford ss.

By: Robert L. Raney
 Robert L. Raney, Senior Vice President

On this the 12th day of October, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
 My Commission expires the 30th day of June, 2021.



Marie C. Tetreault
 Marie C. Tetreault, Notary Public



FLORIDA DEPARTMENT OF STATE
Division of Corporations

January 18, 2012

BECKY PEIRCE
CSC
TALLAHASSEE, FL

Qualification documents for INSITUFORM TECHNOLOGIES, LLC were filed on January 18, 2012, and assigned document number M12000000304. Please refer to this number whenever corresponding with this office.

Your limited liability company is authorized to transact business in Florida as of the file date..

To maintain "active" status with the Division of Corporations, an annual report must be filed yearly between January 1st and May 1st beginning in the year following the file date or effective date indicated above. If the annual report is not filed by May 1st, a \$400 late fee will be added.

A Federal Employer Identification Number (FEI/EIN) will be required when this report is filed. Contact the IRS at 1-800-829-4933 for an SS-4 form or go to www.irs.gov.

Please notify this office if the limited liability company address changes.

Should you have any questions regarding this matter, please contact this office at the address given below.

Buck Kohr
Regulatory Specialist II
Registration/Qualification Section
Division of Corporations

Letter Number: 712A00001262

Account number: I20000000195

Amount charged: 125.00

www.sunbiz.org

Division of Corporations - P.O. BOX 6327 -Tallahassee, Florida 32314

RECEIVED
DEPARTMENT OF STATE
12 JAN 18 PM 4 50

APPLICATION BY FOREIGN LIMITED LIABILITY COMPANY FOR AUTHORIZATION TO
TRANSACTION BUSINESS IN FLORIDA

IN COMPLIANCE WITH SECTION 608.503, FLORIDA STATUTES, THE FOLLOWING IS SUBMITTED TO REGISTER A FOREIGN
LIMITED LIABILITY COMPANY TO TRANSACTION BUSINESS IN THE STATE OF FLORIDA:

1. INSTITUFORM TECHNOLOGIES, LLC

(Name of Foreign Limited Liability Company; must include "Limited Liability Company," "L.L.C.," or "LLC.")

(If name unavailable, enter alternate name adopted for the purpose of transacting business in Florida and attach a copy of the written consent of the managers or managing members adopting the alternate name. The alternate name must include "Limited Liability Company," "L.L.C.," "LLC.")

2. DE

(Jurisdiction under the law of which foreign limited liability company is organized)

3. _____

(FBI number, if applicable)

4. 03/27/1980

(Date of Organization)

5. Perpetual

(Duration: Year limited liability company will cease to exist or "perpetual")

6. Upon Filing

(Date first transacted business in Florida, if prior to registration.)
(See sections 608.501 & 608.502 F.S. to determine penalty liability)

7. 17988 Edison Ave. Chesterfield MO 63005

(Street Address of Principal Office)

8. If limited liability company is a manager-managed company, check here ☒

9. The name and usual business addresses of the managing members or managers are as follows:

Joe Burgess 17988 Edison Ave. Chesterfield MO 63005

David Martin 17988 Edison Ave. Chesterfield MO 63005

David F. Morris 17988 Edison Ave. Chesterfield MO 63005

10. Attached is an original certificate of existence, no more than 90 days old, duly authenticated by the official having custody of records in the jurisdiction under the law of which it is organized. (A photocopy is not acceptable. If the certificate is in a foreign language, a translation of the certificate under oath of the translator must be submitted.)

11. Nature of business or purposes to be conducted or promoted in Florida: _____

Any lawful business, purpose or activity.

David F. Morris
Signature of a member or an authorized representative of a member.

(In accordance with section 608.408(3), F.S., the execution of this document constitutes an affirmation under the penalties of perjury that the facts stated herein are true. I am aware that any false information submitted in a document to the Department of State constitutes a third degree felony as provided for in s.817.155, F.S.)

David F. Morris, Manager

Typed or printed name of signer

**CERTIFICATE OF DESIGNATION OF
REGISTERED AGENT/REGISTERED OFFICE**

PURSUANT TO THE PROVISIONS OF SECTION 608.415 or 608.507, FLORIDA STATUTES, THE UNDERSIGNED LIMITED LIABILITY COMPANY SUBMITS THE FOLLOWING STATEMENT TO DESIGNATE A REGISTERED OFFICE AND REGISTERED AGENT IN THE STATE OF FLORIDA.

1. The name of the Limited Liability Company is:

Insituform Technologies, LLC

If unavailable, the alternate to be used in the state of Florida is:

2. The name and the Florida street address of the registered agent and office are:

Corporation Service Company

(Name)

1201 Hays Street

Florida Street Address (P.O. Box NOT ACCEPTABLE)

Tallahassee

FL 32301

City/State/Zip

Having been named as registered agent and to accept service of process for the above named limited liability company at the place designated in this certificate, I hereby accept the appointment as registered agent and agree to act in this capacity. I further agree to comply with the provisions of all statutes relating to the proper and complete performance of my duties, and I am familiar with and accept the obligations of my position as registered agent as provided for in Chapter 608, Florida Statutes.

Corporation Service Company

By: 

(Signature)

Dawn Frantz, Assistant Secretary

\$ 100.00	Filing Fee for Application
\$ 25.00	Designation of Registered Agent
\$ 30.00	Certified Copy (optional)
\$ 5.00	Certificate of Status (optional)

Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "INSITUFORM TECHNOLOGIES, LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE SEVENTEENTH DAY OF JANUARY, A.D. 2012.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "INSITUFORM TECHNOLOGIES, LLC" WAS FORMED ON THE TWENTY-SEVENTH DAY OF MARCH, A.D. 1980.

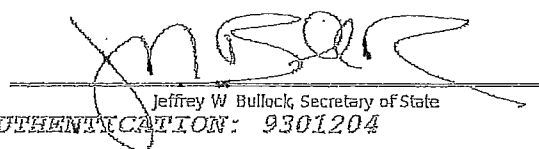
AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL TAXES HAVE BEEN PAID TO DATE.

0889565 8300

120055464

You may verify this certificate online
at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 9301204

DATE: 01-17-12

Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "INSITUFORM TECHNOLOGIES, INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "INSITUFORM TECHNOLOGIES, INC." TO "INSITUFORM TECHNOLOGIES, LLC", FILED IN THIS OFFICE ON THE THIRTIETH DAY OF DECEMBER, A.D. 2011, AT 11:28 O'CLOCK A.M.


AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2011, AT 11:58 O'CLOCK P.M.



0889565 8100V

111355498

You may verify this certificate online
at corp.delaware.gov/authver.shtml


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 9264943

DATE: 12-30-11

STATE OF DELAWARE
CERTIFICATE OF CONVERSION
FROM A CORPORATION TO A
LIMITED LIABILITY COMPANY PURSUANT TO
SECTION 18-214 OF THE LIMITED LIABILITY COMPANY ACT

- 1.) The jurisdiction where the Corporation first formed is Delaware.
- 2.) The jurisdiction immediately prior to filing this Certificate is Delaware.
- 3.) The date the Corporation first formed is March 27, 1980.
- 4.) The name of the Corporation immediately prior to filing this Certificate is
Insituform Technologies, Inc.
- 5.) The name of the Limited Liability Company as set forth in the Certificate of Formation
is Insituform Technologies, LLC.
- 6.) The effective time of the conversion shall be 11:58 p.m. EST on December 31, 2011.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on the 27th day of
December, 2011.

INSITUFORM TECHNOLOGIES, INC.

By: April A. Greer
April A. Greer
Assistant Secretary

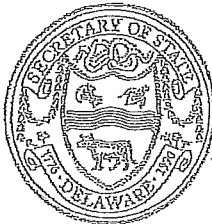
Delaware

PAGE 2

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "INSITUFORM TECHNOLOGIES, LLC" FILED IN THIS OFFICE ON THE THIRTIETH DAY OF DECEMBER, A.D. 2011, AT 11:28 O'CLOCK A.M.

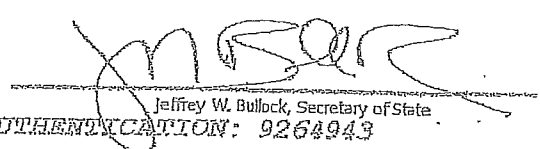
AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2011, AT 11:58 O'CLOCK P.M.



0889565 8100V

111355498

You may verify this certificate online
at corp.delaware.gov/authver.shtml


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 9264943

DATE: 12-30-11

State of Delaware
Secretary of State
Division of Corporations
Delivered 11:40 AM 12/30/2011
FILED 11:28 AM 12/30/2011
SRV 111355498 - 0889565 FILE

STATE of DELAWARE
LIMITED LIABILITY COMPANY
CERTIFICATE of FORMATION

- First: The name of this limited liability company is Insituform Technologies, LLC.
- Second: The address of its registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street in the City of Wilmington, Delaware 19801.

The name of its registered agent at such address is The Corporation Trust Company.

- Third:

This filing shall be effective 11:58 p.m. EST on December 31, 2011.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on the 27th day of December, 2011.



April A. Greer
Organizer



CORPORATE BACKGROUND

Insituform Technologies, LLC is a diversified, international corporation specializing in trenchless reconstruction of municipal and industrial pipelines of all types - sewer, storm drain, water, gas oil, chemical process, slurry and nuclear power pipelines. Application sizes range from under 6-inches to over 96-inches in diameter. Based on size, experience, technology, capability and resources, INSITUFORM is the worldwide leader in full-spectrum piping reconstruction contracting.

Insituform's expertise is based on over 40 years of experience spent in the reconstruction of more than 20,000 miles (over 100,000,000 ft.) of pipe. Currently, INSITUFORM offers a full spectrum of trenchless rehabilitation products including Insituform's flagship cured-in-place pipe (CIPP), iPlus Infusion®, iPlus® Composite, Tit Liner® HDPE systems for industrial pipelines and our Insituform Blue® product line for potable water renewal including the InsituMain® System and InsituGuard® HDPE rehabilitation system for transmission and distribution mains, robotic service reinstatement.

The corporate history that encompasses today's worldwide Insituform Technologies, LLC organization derives from a host of resources, people, technology and experience merged from former licensees and affiliates of the original Insituform® pipe reconstruction process.

INSITUFORM is a leader in quality management, becoming the first specialty piping corporation to receive ISO 9000 quality installation certification in 1995

Insituform Technologies is one of the largest trenchless technology companies in the world, with annual revenues exceeding \$914 million in 2010. As of 2011, Insituform is now a wholly owned subsidiary of Aegion Corporation. Aegion stock is publicly held on the NASDAQ exchange under the symbol "AGN".

PERSONNEL

Insituform Technologies, LLC's worldwide organization consists of over 3,000 employees. Every specialty and function associated with an international, technology-driven business is incorporated. Outside of manufacturing operations, the predominance of INSITUFORM personnel engage in project crew duties for pipeline reconstruction.

INSITUFORM maintains and staffs an extensive Research and Development facility engaged in new product and technical installation development. Experts are available to assist operations units in developing specialized solutions to particular client needs for underground piping system analysis and reconstruction.

INSITUFORM maintains a centralized design team at the world headquarters in St. Louis, Missouri with responsibility for ensuring that service conditions are met by products in each application. When necessary, special industrial design considerations and constraints such as corrosion, abrasion, unusual loading, pressure, temperature, etc. are fully included in specific application designs. INSITUFORM has assigned technical market managers to specific segments who have intimate knowledge of process and facility operations and are able to provide advice and field technical assistance in special applications as may be required to meet critical or unusual client needs.

By nature, field applications of pipeline service, assessment and reconstruction activities are highly regionalized. In the United States, INSITUFORM meets the needs of local municipal, industrial and military clients for responsive service by deploying personnel at strategic locations to minimize the cost and burden to clients of extensive mobilization. As an integrated company, sharing of expert personnel and specialized equipment between locations in response to client and project needs is part of normal operations.

QUALITY ASSURANCE

A strategy goal of Insituform Technology is operational excellence. This goal of quality assurance is being achieved on two fronts.

Best Practices Program: First, INSITUFORM has completed its long-term goal of merging all licensees throughout the United States and solidifying relationships with worldwide subsidiaries and affiliates. Achieving uniform high standards of quality across all operating units is essential to ensure long-term service to client needs. In doing so, INSITUFORM has developed comprehensive bench-marking studies to identify the “Best Practices” of the most efficient and best quality manufacturing and installation procedures for each product line, and can therefore share these best practices with INSITUFORM’s regional offices, subsidiaries, and licensees throughout the world. INSITUFORM believes that the only way to guarantee quality is to integrate product development, manufacturing and installation under a best practices program, coupled with ISO 9001 Quality Management Programs.

ISO 9001 Quality Assurance Program: INSITUFORM’s second long-term goal is to maintain ISO 9001 quality certification for its manufacturing facilities. This certification process was completed in 1995. ISO certification is not only consistent with the goal of achieving operational excellence for the municipal market, it is an essential requirement for the industrial market, where ISO certification has become an increasingly greater requirement for acceptance as a qualified supplier.

Quality Assurance Inspection Program and Training: A pilot program for the detection and recording of internal non-conformance was established. Persons were selected and trained for conducting internal auditing, probably the most important aspect of ISO because it provides ongoing self-evaluation of the effectiveness of the quality system. Every member of the organization is familiar with, and fully committed to the company’s “Quality Policy” and non-conformance identification program.

Internal Audit Findings: Predetermined elements of the quality system are audited each month, and at year’s end every ISO 9001 requirement will have been reviewed at least once. Findings are reported to the manager responsible for the appropriate department for resolution.

Management Review and Client Review: At least twice a year, managers meet to review and assess the quality system as a whole. Quality objectives are evaluated and amended or increased as appropriate. Resource needs are identified and action plans formulated. Once a project is completed, the client receives a Customer Survey form. This comprehensive form is INSITUFORM’s report card which identifies project success, as well as areas where improvement is suggested.

INSITUFORM

The rehabilitation processes offered by Insituform were developed to provide a means of reconstructing existing pipe, conduit or passageways without extensive excavation. Some typical applications include:

1. Halting settlement by stopping the infiltration of soil and bedding material which often accompanies groundwater infiltration and can cause soil voids and shifting ground in gravity pipelines.
2. Eliminating infiltration of groundwater through joints, breaks and missing sections of gravity pipeline.
3. Increasing the capacity of existing pipelines by smoothing the interior surface and providing smooth transitions over joints and protrusions.
4. Reducing maintenance and increasing capacity by reducing deposits and eliminating root intrusions into gravity pipelines.
5. Protecting the pipe from attack by corrosive chemical effluent and vapors.
6. Eliminating the exfiltration of pollutants and chemicals into surrounding groundwater aquifers through joints and cracks in pipelines.
7. Strengthening the existing pipe by the installation of a tight fitting Insituform® CIPP within the old, thereby bridging joints, cracks and disconnected pipes into a single continuous conduit.

Briefly, here are just a few of the benefits realized from the reconstruction of pipelines using the Insituform® cured-in-place pipe (CIPP) process:

Virtually eliminates excavation problems - Depending on the type of pipe or passageway to be reconstructed (sewers, drains, or conduits), excavation can virtually be eliminated. Existing access (sewer manholes) is usually sufficient. Side connections can generally be 'reinstated' by cutting out from within. Bends can be negotiated.

Restores full size capacity, reduces maintenance - These tight-fitting pipes are continuous over pipe joints, openings and faults, and the capacity is nearly always increased. The smoothness also reduces deposits because there are no places for deposits to form, thereby reducing maintenance.

Builds corrosion-resistant pipe, resists chemical attack - In the case of the Insituform process, various thermosetting resins can be selected to resist the corrosive effects of the effluent.

Builds a continuous pipe - (a new pipe within the old) - Insituform® CIPP bridges breaks and missing sections of pipe eliminating infiltration, exfiltration or loss of product in pressure pipes. Insituform fits tightly and bridges disconnected pipes into a single continuous pipe.

Reconstructs unusually shaped pipes without loss of capacity - Elliptical, egg-shaped, flat bottom horseshoe or rectangular conduits can be reinstated to their existing shape by the tight fitting Insituform process.

Accomplishes these things in sizes from 6- to 96-inches in diameter - Insituform® CIPP has been constructed in these sizes and may be applicable to those beyond.

Solves difficult jobs - In addition to negotiating bends, it is possible to reconstruct remote sections inaccessible to wheeled vehicles (e.g. inside building) with the Insituform process. In addition to being installed without excavation, Insituform® CIPP has been installed where access to only one end is feasible (vertical wells). Also, it is possible to reconstruct pipelines with reducers or only a portion of a pipeline.

Solves stringent time restraints - Preparation time is reduced by eliminating street openings and risk of damage to other utilities. Insituform® CIPP can generally be installed and completed in less on-the-job time than traditional open cut construction methods.

Offers more convenience to commerce and public - Little inconvenience is caused to the public, commercial business or existing utility operations because excavations are generally eliminated. Little work space is needed for installation. This alone means fewer restrictions on access to property and shops and greater assurance of safety.

Longevity - For normal applications, such as gravity sewers, the service life of Insituform® CIPP can be expected to approach fifty years. Service life of Insituform® CIPP is a function of the temperature, pressure, velocity, and chemical and abrasive properties of the materials being carried.

Custom-Engineered - Insituform® tubes are custom-engineered to optimize total life performance using time-proven formulas. These take into account requirements for diameter, length, condition of pipe, flow rates, temperature, pressure and corrosiveness of the materials being carried.

INSITUFORM, STANDARD INSTALLATION PROCESS

The standard Insituform® process has been used throughout the world for the rehabilitation of over 20,000 miles, of pipe ranging in size from 6" to 96". The process uses a resin-impregnated, flexible felt tube which is installed into and through an existing pipe using water or air pressure. While the liner is held tightly against the host pipe, hot water or steam is circulated through a heat exchanger to cure the thermostat resin.

The flexible resin tube can accommodate various pipe shapes - round, square, rectangular, oval or arched. The Insituform® tube can negotiate bends, elbows, missing sections, offset joints, misalignment and steep slopes. Standard applications include process and sanitary sewer, storm drains, process lines, slurry lines, force mains and siphons. Resin systems used include polyester, vinyl ester and epoxy, designed to meet service requirements. Installation lengths typically range from 250 feet to over 2,500 feet, depending on pipe size and condition. Service laterals are re-opened internally using robotic cutters.



FINANCIAL INFORMATION

Bonding Company: Travelers Casualty & Surety Company of America
One Tower Square, 13CZ
Hartford, CT 06183
Richard W. DuPont, St. Louis Manager (314) 579-8315
Best Guide Rating 2013: A+ FSC XIV

Agent: JW Terrill
825 Maryville Centre Drive, Suite 200
Chesterfield, MO 63017
Dana Dragoy (314) 594-2700
Bonding Capacity: \$500,000,000

Insurance Company: XL Insurance Company of America/Greenwich Insurance Co.
200 Liberty St., One World Financial Center
New York, NY 10281
Nancy Rummel, (317) 374-0657

Agent: Lockton Companies / St. Louis
#1 Cityplace Drive, Suite 160
St. Louis, MO 63141
Carol Henzler, (314) 432-0500 x3285

Banking: Bank of America Merrill Lynch
Bank of America, N.A.
Merrill Lynch, Pierce, Fenner & Smith Incorporated
800 Market Street
St. Louis, MO 63101
Kevin M. Knopf, Sr. VP (314) 466-7726

Trade Reference: **AOC**
950 HWY 57 E
Collierville, TN 38017
Phone: (901) 854-2818
Fax: (901) 854-7223

Auriga Polymers
4235 S. Stream Blvd.
Charlotte, NC 28217
Attn: Kay Mills
Phone: (980) 233-8269
Fax: (980) 233-6602

United Initiators, Inc.
555 Garden Street
Elyria, OH 44036
Phone: (440) 326-2413



Insituform Technologies, LLC
17988 Edison Avenue
Chesterfield, MO 63005
Tel: 636.530.8000
Fax: 636.530.8744
www.insituform.com

August 22, 2016

RE: Installer Certification

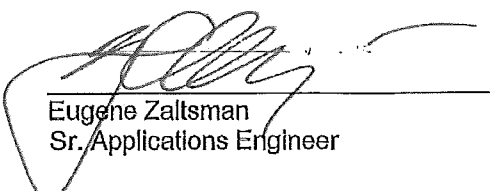
Ladies and/or Gentlemen:

Please be advised that Insituform Technologies, LLC is vertically integrated pipeline rehabilitation company. As such, Insituform is not only the manufacturer of the cured-in-place pipeline rehabilitation system of the same name, but also offers the benefits of the full research and development department, engineers on staff for design of products to suit each individual situation, and regional contracting offices that perform all field services including installation.

This letter shall serve to certify that Insituform Technologies, LLC is authorized to install Insituform products supplied by Insituform Technologies, LLC

Sincerely,

INSITUFORM TECHNOLOGIES, LLC



Eugene Zaltsman
Sr. Applications Engineer



Insituform Technologies, LLC
17988 Edison Avenue
Chesterfield, MO 63005
Tel: 636.530.8000
Fax: 636.530.8744
www.insituform.com

CERTIFICATE OF COMPLIANCE

Date: August 22, 2016

Re: INSITUFORM TUBE MANUFACTURING

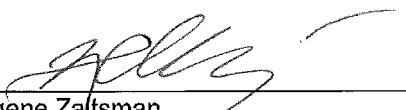
To Whom It May Concern

This letter certifies that the Insituform tube for the above referenced project is manufactured in the United States of America by Insituform Technologies, LLC and meets all relevant specifications for a cured-in-place pipe product: ASTM D 5813, ASTM F 1216, and ASTM F 1743. The Insituform tube has been manufactured in USA since 1981.

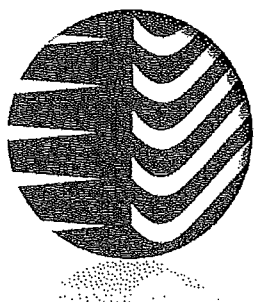
In addition, the quality system used by Insituform Technologies, LLC is ISO 9001 certified.

Please contact us directly with any questions you may have. Sincerely,

INSITUFORM TECHNOLOGIES, LLC



Eugene Zaltsman
Sr. Applications Engineer



CERTIFICATE OF REGISTRATION

This is to certify that

Insituform Technologies, LLC

Headquarters

17988 Edison Avenue, Chesterfield, Missouri 63005 USA

Refer to Attachment to Certificate of Registration dated March 11, 2014 for additional certified sites
operates a

Quality Management System

which complies with the requirements of

ISO 9001:2008

for the following scope of registration

**Design, development, manufacturing and installation of products for the rehabilitation of
pipelines using trenchless technology.**

Certificate No.: CERT-0078079

File No.: 1650845

Issue Date: March 11, 2014

Original Certification Date: February 11, 2014

Current Certification Date: March 8, 2014

Certificate Expiry Date: March 7, 2017

Chris Jouppi
President,
QMI-SAI Canada Limited

Samer Chaouk
Head of Policy, Risk and Certification



ISO 9001



Registered by:
SAI Global Certification Services Pty Ltd, 280 Sussex Street, Sydney NSW 2000 Australia with QMI-SAI Canada Limited, 20 Carlson Court, Suite 200,
Toronto, Ontario M9W 7K6 Canada (SAI GLOBAL). This registration is subject to the SAI Global Terms and Conditions for Certification. While all due care
and skill was exercised in carrying out this assessment, SAI Global accepts responsibility only for proven negligence. This certificate remains the property
of SAI Global and must be returned to them upon request.
To verify that this certificate is current, please refer to the SAI Global On-Line Certification Register: www.qmi-saiglobal.com/qmi_companies/



SAI GLOBAL

INFORM. INSPIRE. IMPROVE.



Insituform
Technologies, LLC

RECEIVED
PURCHASING DIVISION

2016 DEC -5 A 10:45

CLAY COUNTY BOARD OF
COMMISSIONERS

SEALED BID #16/17-3 - CUR

Bidder: INSITUFORM TECHNOLOGIES, LLC
17988 EDISON AVENUE
CHESTERFIELD, MO 63005

Florida License No.: CGC061125

Deliver Bid To: CLAY COUNTY ADMINIS
4TH FLOOR, RECEPTION
477 HOUSTON STREET
GREEN COVE SPRINGS

DUE

ite: 12/5/2016
ne: 4:00 PM

Clay County Purchasing Division
477 Houston Street
PO Box 1366
Green Cove Springs, FL 32043

Receipt for Bid #: 16/17-3
Company Name: Insituform

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	42.00	8,400.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	2.00	400.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	56.00	16,800.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	2.00	600.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	78.00	15,600.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	3.50	700.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	102.00	15,300.00
8	30" CIPP Thickness Variance 1.5 mm	150	LF	4.00	600.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	137.00	20,550.00
10	36" CIPP Thickness Variance 1.5 mm	150	LF	5.00	750.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	168.00	16,800.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	5.00	500.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	210.00	21,000.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	5.00	500.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	300.00	30,000.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	7.00	700.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	340.00	17,000.00
18	60" CIPP Thickness Variance 1.5 mm	50	LF	8.00	400.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	545.00	27,250.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	10.00	500.00
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				194,350.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: One Hundred Ninety Four Thousand, Three Hundred Fifty Dollars and Zero Cents

COMPANY NAME: Hinterland Group, Inc.

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: Hinterland Group, Inc.

ADDRESS: 992 W. 15th Street

Riviera Beach, Florida 33404

TELEPHONE: 561-640-3503

FAX #: 561-640-3504

E-MAIL: DDuke1@hinterlandgroup.com

Name of Person submitting Bid: Daniel Duke III


Title: President

Signature: 

Date: 12/5/2016

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. N/A Date: _____ Acknowledged by: Daniel Duke III 

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____


Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion Form

- (1) The prospective Vendor, Hinterland Group, Inc., certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal Department or Agency.
- (2) Where the Vendor is unable to certify to the above statement, the prospective Vendor shall attach an explanation to this form.

Vendor:

Hinterland Group, Inc.

By:



Signature

Daniel Duke III / President

Name and Title

992 W. 15th Street

Street Address

Riviera Beach, Florida 33404

City, State, Zip

December 5, 2016

Date

Scrutinized Companies Certification
[Clay County Bid #16/17-3, Cured-In-Place Pipe Services]

Name of Company:¹ Hinterland Group, Inc.

In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.

Insert Name of Company:

Hinterland Group, Inc.

(Seal)

By: 

Daniel Duke III

Its President

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Hinterland Group, Inc.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
	5 Address (number, street, and apt. or suite no.) 992 W. 15th Street	Requester's name and address (optional)
	6 City, state, and ZIP code Riviera Beach, Florida 33404	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number								
				-				
or								
Employer identification number								
2	0	-	5	1	5	6	8	4

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign
Here

Signature of
U.S. person ▶

Date ▶ December 5, 2016

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding?* on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving you.

P.O. Box 3353, West Palm Beach, FL 33402-3353
www.pbctax.com Tel: (561) 355-2264

****LOCATED AT****

992 W 15TH ST
RIVIERA BEACH, FL 33404

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
23-0051 GENERAL CONTRACTOR	DUKE DANIEL AMOS III	CGC1520354	U16.596689 - 07/15/16	\$99.00	B40181267

This document is valid only when receipted by the Tax Collector's Office.

HINTERLAND GROUP INC
HINTERLAND GROUP INC
992 W 15TH ST
RIVIERA BEACH, FL 33404
|||

B1 - 346

**STATE OF FLORIDA
PALM BEACH COUNTY
2016/2017 LOCAL BUSINESS TAX RECEIPT**

**LBTR Number: 2015082364
EXPIRES: SEPTEMBER 30, 2017**

This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and **MUST** be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving you.

P.O. Box 3353, West Palm Beach, FL 33402-3353
www.pbctax.com Tel: (561) 355-2264

****LOCATED AT****

992 W 15TH ST
RIVIERA BEACH, FL 33404

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
23-0097 UNDERGROUND UTILITY & EXCAVATION	DUKE DANIEL AMOS III	CUC1224634	U16.596689 - 07/15/16	\$27.50	B40153109

This document is valid only when receipted by the Tax Collector's Office.

HINTERLAND GROUP INC
HINTERLAND GROUP INC
992 W 15TH ST
RIVIERA BEACH, FL 33404
|||

B2 - 345

**STATE OF FLORIDA
PALM BEACH COUNTY
2016/2017 LOCAL BUSINESS TAX RECEIPT**

**LBTR Number: 201139576
EXPIRES: SEPTEMBER 30, 2017**

This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and **MUST** be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving you.

P.O. Box 3353, West Palm Beach, FL 33402-3353
www.pbctax.com Tel: (561) 355-2264

****LOCATED AT****

992 W 15TH ST
RIVIERA BEACH, FL 33404

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
23-0169 ELECTRICAL CONTRACTOR	BREIG CHARLES J	EC13003615	U16.596689 - 07/15/16	\$99.00	B40181268

This document is valid only when receipted by the Tax Collector's Office.

HINTERLAND GROUP INC
HINTERLAND GROUP INC
992 W 15TH ST
RIVIERA BEACH, FL 33404
|||

B3 - 345

**STATE OF FLORIDA
PALM BEACH COUNTY
2016/2017 LOCAL BUSINESS TAX RECEIPT**

**LBTR Number: 2015082363
EXPIRES: SEPTEMBER 30, 2017**

This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and **MUST** be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783

(850) 487-1395

DUKE, DANIEL AMOS III
HINTERLAND GROUP INC
992 W 15TH STREET
RIVIERA BEACH FL 33404

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

CGC1520354

ISSUED: 07/25/2016

CERTIFIED GENERAL CONTRACTOR
DUKE, DANIEL AMOS III
HINTERLAND GROUP INC

IS CERTIFIED under the provisions of Ch. 489 FS.
Expiration date : AUG 31, 2018 L1607250001029

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER

CGC1520354

The GENERAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018



DUKE, DANIEL AMOS III
HINTERLAND GROUP INC
992 W 15TH STREET
RIVIERA BEACH FL 33404



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

01/29/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER South Shore Insurance Inc. 901 SW Martin Downs Blvd Palm City FL 34990	CONTACT NAME: Jennie Duke PHONE (A/C, No, Ext): (772) 426-9973 FAX (A/C, No): (772) 221-1960 E-MAIL ADDRESS: jennie@southshore-insurance.com														
INSURED Hinterland Group Inc. 992 W. 15th Street Riviera Beach, FL 33404	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> <tr> <td>INSURER A : United States Fire Insurance Company</td> <td>21113</td> </tr> <tr> <td>INSURER B : North River Insurance Company</td> <td>21105</td> </tr> <tr> <td>INSURER C : Zurich American Insurance Company</td> <td>16535</td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : United States Fire Insurance Company	21113	INSURER B : North River Insurance Company	21105	INSURER C : Zurich American Insurance Company	16535	INSURER D :		INSURER E :		INSURER F :	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A : United States Fire Insurance Company	21113														
INSURER B : North River Insurance Company	21105														
INSURER C : Zurich American Insurance Company	16535														
INSURER D :															
INSURER E :															
INSURER F :															

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> XCU Coverage Included GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			543-996750-6	01/31/2016	01/31/2017	EACH OCCURRENCE \$ 1,000,000
			DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000				
			MED EXP (Any one person) \$ 5,000				
			PERSONAL & ADV INJURY \$ 1,000,000				
			GENERAL AGGREGATE \$ 2,000,000				
			PRODUCTS - COMP/OP AGG \$ 2,000,000				
							\$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			133-738474-5	01/31/2016	01/31/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
			BODILY INJURY (Per person) \$				
			BODILY INJURY (Per accident) \$				
			PROPERTY DAMAGE (Per accident) \$				
							\$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$			5821046487	01/31/2016	01/31/2017	EACH OCCURRENCE \$ 4,000,000
			AGGREGATE \$				
			\$				
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	N/A	408-727975-5	01/31/2016	01/31/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Inland Marine			CPP5933061-02	01/31/2016	01/31/2017	Rented/Leased Equi \$220,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Should any of the above policies be cancelled before the expiration date thereof, the issuing insurer will endeavor to mail 30 days written notice to the certificate holder named to the left, but failure to do so shall impose no obligation or liability of any kind upon the insurer, its agents or representatives.

Certificate holder is listed as an additional insured only if required by written contract/agreement with the insured executed prior to accident or loss.

A Waiver of Subrogation is provided only if required by written contract/agreement with the insured executed prior to accident or loss.

CERTIFICATE HOLDER

CANCELLATION

BIDDING PURPOSES ONLY	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <JND>
-----------------------	--

© 1988-2014 ACORD CORPORATION. All rights reserved.

Hinterland Group, Inc.
5580 State Road 524
Cocoa, FL 32926

RECEIVED
PURCHASING DIVISION

2016 DEC -5 P 2:55

CLAY COUNTY BOARD OF
COMMISSIONERS

Bid # 16/17-3
Cured-in-Place Pipe Services

Clay County Purchasing Division
477 Houston Street
PO Box 1366
Green Cove Springs, FL 32043

Receipt for Bid #: 16/17-3
Company Name: Hinterland Group

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$80.00	\$16,000.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	\$0.50	\$100.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$85.00	\$25,500.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	\$1.00	\$300.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$95.00	\$19,000.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	\$2.00	\$400.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$115.00	\$17,250.00
8	30" CIPP Thickness Variance 1.5 mm	150	LF	\$2.50	\$375.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$145.00	\$21,750.00
10	36" CIPP Thickness Variance 1.5 mm	150	LF	\$3.00	\$450.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$190.00	\$19,000.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	\$3.50	\$350.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$230.00	\$23,000.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	\$4.00	\$400.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$365.00	\$36,500.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	\$5.00	\$500.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$460.00	\$23,000.00
18	60" CIPP Thickness Variance 1.5 mm	50	LF	\$5.50	\$275.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$610.00	\$30,500.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	\$6.00	\$300.00
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				\$234,950.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: TWO HUNDRED THIRTY-FOUR THOUSAND NINE HUNDRED FIFTY DOLLARS
+ NO CENTS

COMPANY NAME: LAYNE INLINER, LLC

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: LAYNE INLINER, LLC

ADDRESS: 2531 JENETT LANE
SANFORD, FL 32771

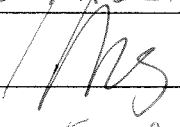
TELEPHONE: 407-472-0014

FAX #: 407-472-0099

E-MAIL: MIKE.CANNON@LAYNE.COM

Name of Person submitting Bid: MARK HARRIS

Title: VICE PRESIDENT

Signature: 

Date: DEC 5, 2016

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

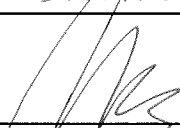
Addendum No. _____ Date: _____ Acknowledged by: _____

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion Form

- (1) The prospective Vendor, LAYNE INLINER, LLC, certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal Department or Agency.
- (2) Where the Vendor is unable to certify to the above statement, the prospective Vendor shall attach an explanation to this form.

Vendor:

LAYNE INLINER, LLC

By: 
Signature

MARK HARRIS, VICE PRESIDENT

Name and Title

2531 JEWETT LANE

Street Address

SANFORD, FL 32771

City, State, Zip

DEC. 5, 2016

Date

Scrutinized Companies Certification
[Clay County Bid #16/17-3, Cured-In-Place Pipe Services]

Name of Company:¹ LAYNE INLINER, LLC

In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.

Insert Name of Company:

LAYNE INLINER, LLC

(Seal)

By: 

MARK HARRIS

Its VICE PRESIDENT

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type
See Specific Instructions on page 2.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Layne Inliner, LLC	
2 Business name/disregarded entity name, if different from above	
3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ C Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
5 Address (number, street, and apt. or suite no.) 2531 Jewett Lane	Requester's name and address (optional)
6 City, state, and ZIP code Sanford, FL 32771	
7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number								
			-			-		
or								
Employer identification number								
0	1	-	0	6	8	4	6	8 2

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ▶ 	Date ▶ 12/2/2016
-----------	--	------------------

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding?* on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
08/17/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER MCGRIFF, SEIBELS & WILLIAMS OF TEXAS, INC. 818 Town & Country Blvd, Suite 500 Houston, TX 77024-4549	CONTACT NAME:	
	PHONE (A/C, No, Ext): 713-877-8975	FAX (A/C, No): 713-877-8974
INSURED Layne Inliner, LLC 2531 Jewett Lane Sanford, FL 32771	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A : Zurich American Insurance Company	
	INSURER B : American Guarantee and Liability Insurance Company	
	INSURER C : Lexington Insurance Company	
	INSURER D : American Zurich Insurance Company	
INSURER E :		
INSURER F :		

COVERAGES

CERTIFICATE NUMBER: WWAMP9VF

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			GLO 0194362-00	05/01/2016	08/01/2017	EACH OCCURRENCE \$ 1,250,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 10,000,000 PRODUCTS - COMP/OP AGG \$ 10,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			BAP 0194359-00	05/01/2016	08/01/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			AUC 0194471-00	05/01/2016	08/01/2017	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	WC 0194360-00 (AOS) WC 0194361-00 (WI & MA)	05/01/2016	05/01/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 5,000,000 E.L. DISEASE - EA EMPLOYEE \$ 5,000,000 E.L. DISEASE - POLICY LIMIT \$ 5,000,000
C	Contractors Equipment			026159794	08/01/2015	11/01/2016	All Leased, Owned or Rented Equipment Per Occurrence: \$ 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

For Information Only	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783

(850) 487-1395

HARRIS, MARK M
LAYNE INLINER, LLC
2531 JEWETT LANE
SANFORD FL 32771

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

CUC1224477 ISSUED: 07/17/2016

CERT UNDERGROUND & EXCAV CNTR
HARRIS, MARK M
LAYNE INLINER, LLC

IS CERTIFIED under the provisions of Ch.489 FS.
Expiration date : AUG 31, 2018 L1607170001942

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER	
CUC1224477	

The UNDERGROUND UTILITY & EXCAVATION CO
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018



HARRIS, MARK M
LAYNE INLINER, LLC
2531 JEWETT LANE
SANFORD FL 32771



ISSUED: 07/17/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1607170001942

State of Florida

Department of State

I certify from the records of this office that LAYNE INLINER, LLC is a limited liability company organized under the laws of Indiana, authorized to transact business in the State of Florida, qualified on June 21, 2002.

The document number of this limited liability company is M02000001646.

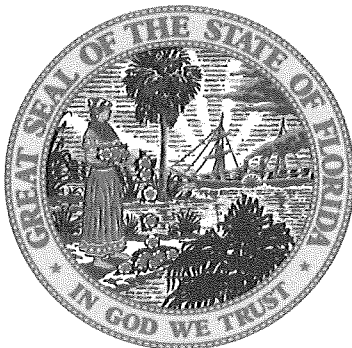
I further certify that said limited liability company has paid all fees due this office through December 31, 2012, that its most recent annual report was filed on May 10, 2012, and its status is active.

I further certify that said limited liability company has not filed a Certificate of Withdrawal.

*Given under my hand and the Great Seal of
Florida, at Tallahassee, the Capital, this the
Twentieth day of June, 2012*

Ken DeFries

Secretary of State



Authentication ID: 100236637671-062012-M02000001646

To authenticate this certificate, visit the following site, enter this ID, and then follow the instructions displayed.

<https://efile.sunbiz.org/certauthver.html>



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JIM BOXOLD
SECRETARY

June 6, 2016

LAYNE INLINER, LLC
4520 N ST RD 37
ORLEANS IN 47452

RE: CERTIFICATE OF QUALIFICATION

Dear Sir/Madam:

The Department of Transportation has qualified your company for the type of work indicated below. Unless your company is notified otherwise, this Certificate of Qualification will expire 7/31/2017. However, the new application is due 5/31/2017.

In accordance with S.337.14 (1) F.S. your next application must be filed within (4) months of the ending date of the applicant's audited annual financial statements.

If your company's maximum capacity has been revised, you can access it by logging into the Contractor Prequalification Application System via the following link:
<https://www3.dot.state.fl.us/ContractorPreQualification/>

Once logged in, select "View" for the most recently approved application, and then click the "Manage" and "Application Summary" tabs.

FDOT APPROVED WORK CLASSES:

PIPE DESILTING, VIDEO PIPE INSPECTION, AND PIPE LINER

You may apply for a Revised Certificate of Qualification at any time prior to the expiration date of this certificate according to Section 14-22.0041(3), Florida Administrative Code (F.A.C.), by accessing your most recently approved application as shown above and choosing "Update" instead of "View." If certification in additional classes of work is desired, documentation is needed to show that your company has done such work with your own forces and equipment or that experience was gained with another contractor and that you have the necessary equipment for each additional class of work requested.

All prequalified contractors are required by Section 14-22.006(3), F.A.C., to certify their work underway monthly in order to adjust maximum bidding capacity to available bidding capacity. You can find the link to this report at the website shown above.

Sincerely,

Alan D Autry

Digitally signed by Alan D Autry
DN: c=US, o=IdenTrust ACES Business Representative,
ou=FLORIDA DEPARTMENT OF TRANSPORTATION, cn=Alan
D Autry,
0.9.2342.19200300.100.1.1=A01097C0000014DE2B7391B000
04776
Date: 2016.06.08 15:13:07 -04'00'

Alan Autry, Manager
Contracts Administration Office

AA:cj

Layne Inliner, LLC 5-year Job List

<u>City</u>	<u>ST</u>	<u>Start</u>	<u>Complete</u>	<u>Description</u>	<u>Scope of Work</u>	<u>Contact Name & Title</u>	<u>Phone #</u>	<u>Contract</u>	<u>Owner</u>	<u>Engineer</u>
Indianapolis	IN	Jun-16	Aug-16	Ben Davis 2016 Sewer Rehabilitation	2800' of 8"-18" CIPP lining	Dee Revnyak, PM	317.377.5230	\$ 130,330	Ben Davis Cons. Dist., Indpl., IN	Triad Associates, Indianapolis, IN
Grand Junction	CO	Jun-16	Jun-16	2016 City Shops 30" Rehabilitation	838' of 30" CIPP lining	Bret Guillory, Manager	970.244.1533	\$ 180,128	City of Grand Junction, CO	Owner
Silver Springs	MD	Jun-16	Jan-17	WSSC IDIQ 14 Task 5	2315' of 8"-15" CIPP lining	Ed Steele, Project Manager	301.206.7316	\$ 1,052,787	WSSC, Laurel, MD	Owner
Clinton	MD	Jun-16	Jun-17	WSSC IDIQ 20 Task 8	4163' of 8"-12" CIPP lining	Ed Steele, Project Manager	301.206.7316	\$ 4,963,283	WSSC, Laurel, MD	Owner
Windfall	IN	Jun-16	Jul-16	Windfall 2016 Sewer Rehabilitittion	4054' of 8"-10" CIPP lining	Mitch Hansel, PE	260.435.1414	\$ 175,232	Town of Windfall, IN	Fleis & Vandenbrink, Ft. Wayne, IN.
Houston	TX	Jun-16	Nov-16	Sanitary Sewer Rehabilitation	17843' of 8"-24" CIPP lining	Shayna Chapman, EIT	281.558.8700	\$ 956,623	Horsepen Bayou MUD	Houston, TX
Charlotte	NC	Jun-16	Aug-16	Camerson Springs Road	488' of 30" CIPP lining	Mark Brawell	704.441.4777	\$ 121,024	OnSite Development	Owner
Carrboro	NC	Jun-16	Aug-16	OWASA Treatment Plant	242' of 12"-24" CIPP lining	Jeremy Fireline	919.807.9911	\$ 44,922	Orange Water & Sewer Authority	Carrboro, NC
Morrow	GA	Jun-16	Jun-17	Annual Contract for CIPP	Annual Contract 8" to 108"	Cliff Beroset, PE	678.422.2828	\$ 3,585,750	Clayton Co. Water Authority	Morrow, GA
Carbondale	IL	Jun-16	Jul-16	SIU Carbondale CIPP Rehab.	939' of 10" CIPP lining	Eric Massey, Procurement	618.453.5751	\$ 78,300	Southern Illinois University	Carbondale, IL
Mobile	AL	Jun-16	Nov-16	Conception St. 48" & 54" CIPP Lining	4740' of 48"-54" CIPP lining	Paul Kleinschrodt, PE	251.479.0808	\$ 2,338,995	City of Mobile, AL	Constantine Engr., Mobile, AL
Ft. Wayne	IN	Jun-16	Jun-16	Ft. Wayne Nelson Road Emergency	2000' of 24" CIPP lining	Eric Ruppert, Contr. Manager	260.427.2148	\$ 292,868	City of Fort Wayne, IN.	Owner
Marietta	GA	May-16	Jul-16	Rex Drive Storm Rehab.	130' of 30" CIPP lining	Meredith English, PM	770.975.7544	\$ 24,350	W. E. Contracting, Inc.	Acworth, GA
Roswell	GA	May-16	Jul-16	Release 1 Plantation Drive	81' of 72" CIPP lining	Sam Bennett, Const. Mgr.	770.641.3755	\$ 99,607	City of Roswell, GA	Owner
Tarpon Springs	FL	May-16	Jul-16	Tarpon Shores MHP	Clean Only	Mike Kostares, Comm.Mgr.	727.938.2600	\$ 2,396	Tarpon Shores Mobile Home Park	Tarpon Springs, FL
Evansville	IN	May-16	Dec-16	2016 Annual Sewer & MH Rehabilitation	18077' of 8"-48" CIPP lining	Ryan Mayer, Engineer	812.421.2120	\$ 1,374,875	Evansville Water & Sewer Utility	Evansville, IN
Marion	IN	May-16	Jun-16	INDOT R-34898-A	783' of 43"-96" CIPP linng	Jon Stalker, PM	812.865.3309	\$ 630,900	Infrastructure Systems, Orleans, IN	INDOT
Akron	OH	May-16	Aug-16	CSO Rack 13 Sewer Rehabilitation	6220' of 8"-36" CIPP lining	Doug Staubs	330.762.9373	\$ 596,488	Kenmore Construction, Akron, OH	City of Akron, OH
Houston	TX	May-16	May-16	Harris Co. MUD #374	8' of 18" CIPP lining	Alene Efaw, PE	281.558.8700	\$ 20,850	Harris Co. MUD #374, Houston, TX	Owner
Lake Jackson	TX	May-16	Jun-16	CIPP for Freidrich Ditch Outfall	408' of 60" CIPP lining	Steve Johnson, Supt.	979.265.4651	\$ 172,000	Velasco Drainage District	Clute, TX
Boston	MA	May-16	May-16	BWSC 12-308-007-2	185' of 10" CIPP lining	Jack Kennedy, President	617.260.0400	\$ 7,030	K&K Excavation, Milton, MA	Boston Water & Sewer Commission
Seminole	FL	May-16	Aug-16	Seminole 2016	1928' of 15"-30" CIPP lining	Mike Simpson, Project Mgr.	727.397.6383	\$ 179,802	City of Seminole, FL	Owner
Charlotte	NC	May-16	Jul-16	Rama Road Charlotte Storm	165' of 24" CIPP lining	Mark Brawell	704.441.4777	\$ 26,978	OnSite Development	Charlotte, NC
Bethesda	MD	May-16	Jan-17	WSSC IDIQ 13 Task 20	1441' of 8"-12" CIPP lining	Tim Brooks, Contract MGR	301.206.7316	\$ 2,103,873	WSSC, Laurel, MD	Owner
Hialeah	FL	May-16	Apr-17	City of Hialeah PO 2015-1597	26037' of 8"-15" CIPP lining	Armando Vidal	305.566.3800	\$ 1,000,000	City of Hialeah, FL	Hazen & Sawyer, Hollywood, FL
North Port	FL	May-16	Sep-16	North Port Espanola	516' of 18"-30" CIPP lining	Gordon Reynolds	941.429.7170	\$ 74,218	City of North Port, FL	Owner
Margate	FL	May-16	Sep-16	City of Margate PO 161133	2707' of 15"-30" CIPP lining	Sam May, Public Wks.Director	954.972.8126	\$ 296,360	City of Margate, FL	Owner
Gastonia	NC	May-16	Aug-16	Firestone Area Sewer Rehabilitation	2300' of 8"-15" CIPP lining	John Kennedy, PM	704.913.1290	\$ 74,700	Kennedy Concrete, Shelby, NC	City of Gastonia, NC
Dorchester	MA	May-16	Sep-16	BWSC 13-309-001 Aqua Line Utility	283' of 15" CIPP lining	Steve Turdeau, Sr. PM	508.690.2009	\$ 23,329	Aqua Line Utility, Weymouth, MA	Boston Water & Sewer Commission
Orlando	FL	May-16	Aug-16	ACMPL, Goldenrun Road	110' of 30" CIPP lining	Damon Fernandez	813.633.0548	\$ 54,000	ACPLM, Inc., Sun City Center, FL	Owner
Ft. Collins	CO	May-16	Oct-16	P-8123 CIPP Sanitary Sewer	12466' of 8"-33" CIPP lining	Ray Fisher, WW Collection	970.221.6233	\$ 608,625	City of Ft. Collins, CO	Owner
Richmond	VA	May-16	Sep-16	Richmond Release 24 & 28, Bowen/Chambers	3474' of 12"-30" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 626,746	City of Richmond, VA	Owner
Littleton	CO	May-16	Aug-16	2016 CIP CIPP Lining for V.C. Sewer Mains	3109' of 8"-15" CIPP lining	Justin Meeks, PE	303.431.6100	\$ 94,460	SW Suburban Water, Evergreen, CO	Martin/Martin, Lakewood, CO
Cleveland	OH	May-16	Aug-16	Collection System Asset Renewal Phase I	4570' of 15"-48" CIPP lining	Garth Stevens, PM	216.662.2235	\$ 1,388,400	Nerone & Sons, Warrensville, OH	Brown & Caldwell
Ft. Wayne	IN	May-16	Jun-16	INDOT R-34922	322' of 49"x33" & 60" CIPP lining	Patrick Hauser, PM	812.883.6644	\$ 154,350	Temple & Temple, Salem, IN	Sub to Temple & Temple, Salem, IN
Fayetteville	GA	May-16	May-16	High School Storm CCTV	250' of 24" CIPP lining	Cary Dial, Project Manager	678.552.2106	\$ 2,500	Integrated Science & Engr.	Newnan, GA
Cherry Hills	CO	May-16	Dec-16	2016 CIPP Project	4506' of 8"-10" CIPP lining	Kathy McKune	303.762.8222	\$ 246,424	City of Cherry Hills Village Sanit.	Englewood, CO
Carmel	IN	May-16	May-16	Rolling Springs Culvert Lining	240' of 15"-36" CIPP lining	Ed Wolfe, Manager, WW	317.571.2634	\$ 33,260	City of Carmel, IN	Jones & Henry, LLC

Layne Inliner, LLC 5-year Job List

Morrison	CO	May-16	Aug-16	2016 Weaver Gulch Outfall Sewer Rehab.	4309' of 15"-18" CIPP lining	Brian Hodges	303.985.7895	\$ 588,840	Lakehurst Water, Littleton, CO	Kennedy Jenks, Lakewood, CO
Orlando	FL	May-16	May-17	Orange Co. Y14-194-J2 Option YR 2	47090' of 15-84" CIPP lining	Rolando Melo	407.836.5644	\$ 3,556,260	Orange Co. Board of Commissioner	Orlando, FL
Yalaha	FL	May-16	Jul-16	Springs Park Area	150' of 30" CIPP lining	Bill Durham	906.202.1189	\$ 30,500	Springs Park Area, Inc.	Yalaha, FL
Atlanta	GA	May-16	May-16	Peachwood 8" CIPP	330' of 8" CIPP lining	Whit Graham, CM	678.322.6273	\$ 16,500	Advanced Trenchless Solutions	McDonough, GA
Pinellas Park	FL	May-16	Jul-16	Pinellas Park Stormwater	444' of 12"-18" CIPP lining	Yosvany Naranjo-Amor	727.369.5729	\$ 33,519	City of Pinellas Park, FL	Owner
Clearwater	FL	May-16	May-17	Clearwater Sanitary 2016	656500' of Clean & TV	Roger Johnson, Engr. Spec.	727.562.4592	\$ 840,000	City of Clearwater, FL	Owner
Arlington	VA	May-16	May-16	Senate Asphalt - Arlington National Cemetery	41' of 24" CIPP lining	David Laviolette, Proj. Admin	301.686.9090	\$ 19,400	Senate Asphalt/Lane Const.	Oxon Hill, MD
Knoxville	TN	Apr-16	Jun-16	Brown Mountain Loop - KUB	2400' of 8" CIPP lining	Greg Stump, Project Manager	931.206.4437	\$ 109,850	Hurst Excavating, Knoxville, TN.	KUB, Knoxville, TN
Knoxville	TN	Apr-16	Jun-16	Lyons View Pump Station	940' of 8" CIPP lining	Trent Roszell, PM	615.330.3287	\$ 69,220	Garney Construction Co.	Kansas City, MO
Knoxville	TN	Apr-16	Jun-16	Downtown Phase III	543' of 8"-12" CIPP lining	Trent Roszell, PM	615.330.3287	\$ 42,554	Garney Construction Co.	Kansas City, MO
Colorado Sprgs	CO	Apr-16	Dec-16	LCERP Task Order 76	13843' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 442,252	Colorado Springs Utilities	Colorado Springs, CO
Norwalk	CT	Apr-16	Oct-16	Norwalk Beacon Street C/O 7	2281' of 8"-12" CIPP lining	Kenneth Assard, Div. Mgr.	860.274.5469	\$ 126,939	Heitkamp, Inc., Watertown, CT	Arcadis, White Plains, NY
Colorado Sprgs	CO	Apr-16	Dec-16	LCERP Task Order 77	14843' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 496,138	Colorado Springs Utilities	Colorado Springs, CO
Colorado Sprgs	CO	Apr-16	Dec-16	LCERP Task Order 75	11887' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 407,699	Colorado Springs Utilities	Colorado Springs, CO
Colorado Sprgs	CO	Apr-16	Dec-16	LCERP Task Order 74	4909' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 192,272	Colorado Springs Utilities	Colorado Springs, CO
Winter Park	FL	Apr-16	Oct-16	Winter Park Santuary 2016	10171' of 8"-12" CIPP lining	Robert Guest	407.599.3315	\$ 430,720	City of Winter Park, FL	Owner
Clarkston	GA	Apr-16	May-16	Storm Water Rehab Ponce at Valley Brook	Storm Rehab	Terrace Brooks, CM	404.371.6336	\$ 41,657	DeKalb Co. Watershed Mgmt.	Decatur, GA
Hialeah	FL	Apr-16	Jul-16	City of Hialeah PO 2015-2012	16100' of 8"-12" CIPP lining	Armando Vidal	305.566.3800	\$ 590,000	City of Hialeah, FL	Hazen & Sawyer, Hollywood, FL
Potomac	MD	Apr-16	Sep-16	WSSC IDIQ 18 Task 10	3198' of 8" CIPP lining	Cindy Carrick, Project Admin.	301.206.7316	\$ 603,027	Washington Suburban Sanitary	Laurel, MD
Clearwater	FL	Apr-16	Jul-16	Pinellas Co. Storm Release 5A	465' of 18"-24" CIPP lining, Clean/TV	Ray Gambling, Inspector	727.464.4348	\$ 85,886	Pinellas County	Clearwater, FL
Richmond	VA	Apr-16	Oct-16	Richmond Release 25	4402' of 8"-24" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 678,884	City of Richmond, VA	Owner
Sarasota Co.	FL	Apr-16	Jun-16	Sarasota Contract C Rel 17 & 18	4360' of 24"-36" CIPP lining	Jason Brown, PM	941.650.3728	\$ 586,315	Sarasota County, FL	Owner
Dayton	OH	Apr-16	Feb-17	2016 Sewer Maintenance Contract	1 Year Maintenance Contract	Dave Hodgson	937.781.2640	\$ 653,960	Montgomery Co. Env. Services	Kettering, OH
Olney	MD	Apr-16	Dec-16	WSSC IDIQ 16 Task 16	2000' of 24" Pipe Burst	Tim Brooks, Contract MGR	301.206.7316	\$ 1,749,198	WSSC, Laurel, MD	Owner
Winston-Salem	NC	Apr-16	May-16	28th St. Water Rehab.	105' of 8" CIPP lining	David Baker, PM	336.399.4086	\$ 5,775	Lowder, Inc.	Winston-Salem, NC
Sanford	FL	Apr-16	Jul-16	Seminole Co. Engineering Phase 2	1225' of 18" CIPP lining	Robert Walter, PM	407.665.5753	\$ 111,475	Seminole County, FL	Owner
Cocoa	FL	Apr-16	Jul-16	Storm Repair	1019' of 18"-48" CIPP lining	Charles Wines, St. Supt.	321.433.8844	\$ 189,780	City of Cocoa, FL	Owner
Aspen	CO	Apr-16	Jun-16	2016 Sewer Rehabilitation Project	12799' of 8"-21" CIPP lining	Tom Bracewell, Supt.	970.925.3601	\$ 384,055	Aspen Consolidated Sanitation, CO	68 West, Engineer
Cheyenne	WY	Apr-16	May-16	19th St. Rehabilitation Phase II	624' of 8" CIPP lining	Rich Bolkovatz, Manager	307.632.8971	\$ 26,208	REIMAN Const., Cheyenne, WY	Owner
Longboat Key	FL	Apr-16	Jul-16	Raven MH Work	137' of Raven	Jason Schmidt, Serv.Wkr.3	941.316.1999	\$ 69,775	Town of Longboat Key, FL	Owner
Coconut Creek	FL	Apr-16	Apr-16	PO 150516	767' of 12"-30" CIPP lining	John Lukaszewicz, Supt.	954.448.9080	\$ 74,110	City of Coconut Creek, FL	Owner
Rocky Hill	CT	Apr-16	Sep-17	Wethersfield MDB 2014B-22"	28450' of 8"-24" CIPP lining	James MacLean, PM	860.623.0245	\$ 1,705,325	Paganelli Constr., Windsor Locks, CT	CDM Smith, Providence, RI
Indianapolis	IN	Apr-16	Jun-16	Prospect St. Coke Plant Interceptor Rehab.	2084' of 48" CIPP lining	Roger Hanas, Project Mgr.	317.429.3985	\$ 2,443,686	Citizens Energy Group	Indianapolis, IN
Radcliff	KY	Apr-16	May-16	2016 CIPP Installation	5754' of 8" CIPP lining	Brett Pyles, Oper. Manager	270.352.4280	\$ 201,439	Hardin Co. Water District #1	Radcliff, KY
Miamisburg	OH	Apr-16	Jun-16	Sanitary Sewer Rehabilitation	2773' of 8"-18" CIPP lining	Chip Getter	937.866.7166	\$ 144,624	CG Construction, Miamisburg, OH	Hazen Sawyer, Cincinnati, OH
West Hartford	CT	Apr-16	Sep-17	West Hartford - MDS 2011-63	4258' of 8" CIPP lining	James MacLean, PM	860.623.0245	\$ 210,420	Paganelli Constr., Windsor Locks, CT	CDM Smith, Providence, RI
Lakeland	FL	Apr-16	Jul-16	Lakeland Storm 2016	1283' of 15"-48" CIPP lining	Larry Schuler, Drain.Foreman	863.834.3316	\$ 261,983	City of Lakeland, FL	Owner
Orlando	FL	Apr-16	May-16	Stage Door II, Inc.	Raven 405 40 SF	Travis Pendleton	407.578.2918	\$ 4,500	Stage Door II, Inc.	Apopka, FL
Deltona	FL	Apr-16	Jun-16	Sanitary 2016	2857' of 8" CIPP lining	Jeff Elder	386.878.8100	\$ 100,000	City of Deltona, FL	Owner
Charlotte	NC	Apr-16	Apr-16	Shrinkansen 8331	59' of 18" CIPP lining	Mark Brawell	704.441.4777	\$ 10,886	OnSite Development	Charlotte, NC
Alpharetta	GA	Apr-16	May-16	Highgrove 30" CIPP	145' of 30" CIPP lining	Jim Seeba, Stormwater Engr.	678.242.2513	\$ 21,426	City of Milton, GA	Owner
Dunwoody	GA	Apr-16	May-16	Standby Stormwater Repair Unit Price	199' of 24" CIPP lining	John Gates, Project Manager	678.382.6713	\$ 43,271	City of Dunwoody, GA	Owner
Sandy Springs	GA	Apr-16	May-16	Mt. Paran 24" CIPP	80' of 24" CIPP lining	Philip Walker, Project Coord.	770.206.2553	\$ 30,100	City of Sandy Springs, GA	Owner
Acworth	GA	Apr-16	May-16	Pinecrest Drive Storm Water Rehab.	57' of 30" CIPP lining	Meredith English, PM	770.975.7544	\$ 19,233	W. E. Contracting, Inc.	Acworth, GA

Layne Inliner, LLC 5-year Job List

Edgewood	IN	Apr-16	Jul-16	Div. A - CIPP & MH Rehabilitation	8883' of 8"-24" CIPP lining	Steve Servies, PE	765.643.8521	\$ 863,593	Town of Edgewood, IN	Servies Engr., Anderson, IN
Walkerton	IN	Mar-16	May-16	INDOT R-37486	90' of 54" CIPP lining	Patrick Hauser, PM	812.883.6644	\$ 72,000	T & T Pipe Renovations	Scottsburg, IN
Oakland Park	FL	Mar-16	Apr-16	Work Authorization PWLSB20328	170' of 8" CIPP lining	Hank Breitenkam, Wks. Dir.	954.630.4432	\$ 12,630	City of Oakland Park, FL	Owner
Westminster	MD	Mar-16	May-16	Carroll County Release 6	1698' of 8" CIPP lining	Rodney Kuhn, Contr. Mgr.	410.386.2798	\$ 79,788	Carroll County	Westminster, MD
Clermont	FL	Mar-16	Jun-16	Clermont Storm	167' of 36" CIPP lining	Jerrone McLaren, Coll.Chief	352.241.0178	\$ 41,580	City of Clermont, FL	Owner
Bethesda	MD	Mar-16	Dec-16	WSSC IDIQ 18 Task 13	521' of 12"-21" CIPP lining	Cindy Carrick, Contr. Mgr.	301.206.7316	\$ 438,609	WSSC, Laurel, MD	Owner
Wichita	KS	Mar-16	Mar-17	KDOT Project No. 1-235 KA Kellogg	1013' of 15"-48" CIPP lining	Alan Farrington, PM	316.942.9408	\$ 242,850	Wildcat Construction Co., Inc.	Wichita, KS
Birdseye	IN	Mar-16	Apr-16	Wildridge RV Resort 2016 CCTV	Clean & TV	Dana Wigley, Manager	812.827.3335	\$ 4,800	Wildridge RV Resort	Birdseye, IN
Denver	CO	Mar-16	Mar-16	Midtown Filing 5 - Cracked Storm Pipe	70' of 18" CIPP lining	Arm Brooks, PM	303.688.6611	\$ 18,000	Castle Rock Construction	Centennial, CO
Clinton	MD	Mar-16	Apr-17	WSSC IDIQ 20 Task 16	3370' of 8"-18" CIPP lining	Wayne Gleason, Contr.Mgr.	301.206.7316	\$ 2,029,991	WSSC, Laurel, MD	Owner
Colorado Sprgs	CO	Mar-16	Apr-16	Centennial Blvd. Sewer Rehab.	2603' of 54"- 66" CIPP lining	Ryan Phipps, Project Engr.	719.385.5069	\$ 1,467,500	City of Colorado Springs, CO	Owner
Sanford	FL	Mar-16	Jun-16	Sanford Storm 2016	1329' of 12"-48" CIPP lining	Russ Scheibenberger, Supt.	407.688.5030	\$ 200,000	City of Sanford, FL	Owner
C. Winchester	OH	Mar-16	Jun-16	2016 Sanitary Improvements	3141' of 30" CIPP lining	Bill Sims, Const. Serv. Admin.	614.834.5109	\$ 480,276	City of Canal Winchester, OH	EMH&T, Columbus, OH
Oldsmar	FL	Mar-16	May-16	Oldsmar 2016	4700' of 8"-15" CIPP lining	Charles Lee, Project Manager	813.749.1226	\$ 186,000	City of Oldsmar, FL	Owner
Westminster	CO	Mar-16	Sep-16	2014 Wastewater Collection System Rehab.	11963' of 8"-12" CIPP lining	Robert Booze	303.658.2540	\$ 623,346	City of Westminster, CO	Owner
N. Lauderdale	FL	Mar-16	Sep-16	North Lauderdale PO20160223	20000' of 8" CIPP lining	George Krawczyk, Proj. Mgr.	954.724.7070	\$ 900,000	City of North Lauderdale, FL	Owner
Wilton Manors	FL	Mar-16	Apr-16	Wilton Manors PO 16-329	539' of 12"-24" CIPP lining	Dave Archacki, Director	954.390.2190	\$ 44,783	City of Wilton Manors, FL	Owner
Davie	FL	Mar-16	Apr-16	PO 2016-00000253	112' of 48" CIPP lining	Connie, Project Administrator	954.275.1278	\$ 78,080	Town of Davie, FL	Owner
Pinellas Park	FL	Mar-16	Apr-16	Rowland 92nd Avenue	238' of 8" CIPP lining	Bill Gavitt, General Supt.	727.545.3815	\$ 13,000	Rowland, Inc.	Pinellas Park, FL
Cambridge	MA	Mar-16	Jun-16	Huron B	3525' of 8"-15" CIPP lining	Daniel Deacon, Project Mgr.	617.354.5001	\$ 139,215	Barletta Heavy Div.-Canton, MA	Kleinfelder, Cambridge, MA
Cambridge	MA	Mar-16	Jun-16	Concord Avenue	470' of 12"-15" CIPP lining	Daniel Deacon, Project Mgr.	617.354.5001	\$ 33,000	Barletta Heavy Div.-Canton, MA	MWHGlobal, Boston, MA
Tampa	FL	Mar-16	Mar-17	Hillsborough County Cleaning	TV & Clean	Jason Makison	813.272.5790	\$ 224,210	Hillsborough County, FL	Owner
Santa Claus	IN	Mar-16	Apr-16	Santa Claus CIPP	1990' of 8" CIPP lining	Russ Luthy, Utilities Supt.	812.544.3329	\$ 65,670	Town of Santa Claus, IN	Owner
Morristown	TN	Mar-16	Apr-16	Morristown Contracts A & B	6100' of 8"-24" CIPP lining	Greg Stump, Project Manager	931.206.4437	\$ 246,300	Hurst Excavating, Knoxville, TN.	Inliner sub to Hurst Excavating
Arvada	CO	Mar-16	Mar-16	Tucker Lake	210' of 15" CIPP lining	Tim Hoos	720.898.7600	\$ 33,630	City of Arvada, CO	Owner
Louisville	KY	Mar-16	Apr-16	Phillips Lane Emergency	820' of 45"-48" CIPP lining	Heather Dodds, Engineer II	502.689.8284	\$ 589,280	MSD of Louisville & Jefferson Co.	Louisville, KY
Cloverdale	IN	Mar-16	Sep-16	INDOT R-35000 Putnam County, IN	145' of 48" CIPP lining	Patrick Hauser, PM	812.883.8644	\$ 78,300	Temple & Temple, Salem, IN	Layne Inliner sub to Temple & Temple
Akron	OH	Mar-16	Aug-16	Sewer Reconstruction Phase 1 Akron	12890' of 8"-54" CIPP lining	Doug Staubs	330.762.9373	\$ 3,022,465	Kenmore Construction, Akron, OH	Owner
Winter Springs	FL	Mar-16	May-16	Winter Springs Sanitary 2016	4779' of 8"-15" CIPP lining	Kevin Monser	407.327.6567	\$ 208,670	City of Winter Springs	Owner
Doral	FL	Mar-16	Mar-16	Manhole Rehabilitation	Raven 405 10 VF	Jorge Fernandes, PM	305.262.5151	\$ 4,500	CAS Contractors, LLC, Doral, FL	Owner
Cannon AFB	NM	Mar-16	Apr-16	Cannon Air Force Base Clovis	1131' of 6"-8" CIPP lining	John Mach, Owner	931.525.8225	\$ 52,282	Mach Mechanical, Cookeville, TN	Owner
St. Petersburg	FL	Feb-16	Jan-17	St. Petersburg Year 3 of 3	8000' of 12"-72" CIPP lining	Mark Laney, Constr. Supt.	727.893.7671	\$ 1,145,000	City of St. Petersburg, FL	Owner
Orlando	FL	Feb-16	Feb-17	City of Orlando 2016 IFB165-0017 Year 2	4123' of 15"-72" CIPP lining	Silvia Costa, Purchasing Agt.	407.246.2367	\$ 849,915	City of Orlando, FL	Owner
St. Petersburg	FL	Feb-16	Jan-17	St. Petersburg Sanitary Year 2 of 3	55255' of 8"-48" CIPP lining	Mark Laney, Constr. Supt.	727.893.7671	\$ 2,350,000	City of St. Petersburg, FL	Owner
Mobile	AL	Feb-16	Dec-16	Annual Contract for CIPP Rehab Small Diam.	27400' of 8"-15" CIPP lining	Tim Dixon, PM	251.694.3100	\$ 945,900	MAWSS, Mobile, AL	McCrory Williams, Mobile, AL
Littleton	CO	Feb-16	Mar-16	2015 Capital Improvements Project	1733' of 8"-18" CIPP lining	Judy Simonson	303.431.6100	\$ 76,275	Grant Water & Sanit., Lakewood, CO	Martin/Martin, Lakewood, CO
Decatur	AL	Feb-16	Mar-16	24" Emergency Rehab	647' of 24" CIPP lining	Ken Moon, PM	706.643.1524	\$ 146,737	PF Moon Construction	Decatur, AL
Nashville	TN	Feb-16	Jan-17	Smith Springs Rehab Area 1 Priest Lake	31160' of 8"-24" CIPP lining	Kevin Covett, PE	615.806.6562	\$ 4,983,724	Metropolitan Govnt. Of Nashville	HDR/ICA Engineering, Nashville, TN
Belle Glade	FL	Feb-16	May-16	Palm Beach County Glades	100000' of 6"-30" Clean & TV	Albert Muniz, PE	561.997.8070	\$ 214,000	Hazen & Sawyer, Boca Raton, FL	Owner
Boston	MA	Feb-16	Aug-16	BWSC 13-308-005	2320' of 10"-24" CIPP lining	Lester Valente, Project Engr.	781.329.1044	\$ 189,483	FedCorp, Dedham, MA	Boston Water & Sewer Commission
Burrillville	RI	Feb-16	Aug-16	Improvements to Route 107	1111' of 12"-18" CIPP lining	Nidal Saliba, Project Mgr.	401.333.4300	\$ 82,548	J.H.Lynch & Sons, Cumberland, RI	RIDOT, Providence, RI
Charlotte	NC	Feb-16	Mar-16	Edindale Dr. - 18" CIPP Storm Drain	175' of 18" CIPP lining	Mark Braswell, Proj. Admin.	704.525.3106	\$ 23,625	OnSite Development	Charlotte, NC

Layne Inliner, LLC 5-year Job List

Winston-Salem	NC	Feb-16	Nov-16	Ardmore Basin 1 Sewer Rehab.	6774' of 8"-15" CIPP lining	David Baker, PM	336.760.0477	\$ 319,912	Charles D Lowder-Winston-Salem	Hydrostructures, Pittsboro, NC
Columbus	OH	Feb-16	Jan-17	Blueprint Miller Kelton	50860' of 8"-48" CIPP lining	Mike Griffith, Project Mgr.	614.645.2416	\$ 4,108,048	City of Columbus, OH	Stantec Consulting, Columbus, OH
Colorado Sprgs	CO	Feb-16	Feb-16	CSU Stratmoor Aerial Crossing LS-124329	80' of 12" CIPP lining	Mario Jimenez, Project Mgr.	719.269.1173	\$ 8,800	Tezak Heavy Equipemnt Co, Inc.	Canon City, CO
Kissimmee	FL	Feb-16	Apr-16	Johnson-Davis Beaumont Sewer Lining	459' of 8"-24" CIPP lining	Doug Ipolito, Project Mgr.	561.588.1170	\$ 29,770	Johnson-Davis, Inc.	Lantana, FL
Sandy Springs	GA	Feb-16	Mar-16	Kingsport Dr. at Lake Placid Dr. Storm Rehab.	93' of 48"-60" CIPP lining	Philip Walker, Project Coord.	7702062553	\$ 46,657	City of Sandy Springs, GA	Owner
Buena Vista	CO	Feb-16	Feb-16	2015 Collection System Rehabilitation	2096' of 8" CIPP lining	Patti Andreas, Dist. Rep.	719.395.8643	\$ 84,760	Buena Vista Sanit. Dist., CO	GMS Engineering, Colorado Springs, CO
Haysville	KS	Feb-16	Feb-16	Emergency Lining Project 2015	1925' of 8"-15" CIPP lining	Jonny O'Conner, Dir. Of Util.	785.628.7380	\$ 78,009	City of Hays, KS	Owner
Punta Gorda	FL	Feb-16	Mar-16	Charlotte Co. PO2016001152	1313' of 12"-96" CIPP lining	Randy Vowell, Contr.Spec.	941.575.3680	\$ 215,951	Charlotte County Public Works	Punta Gorda, FL
Spring	TX	Feb-16	Mar-16	Harris Co. MUD #275	170' of 10" CIPP lining	Josh Maas	281.651.1618	\$ 31,000	Harris Co. MUD #275, Harris Co., TX	M. Marlon Ivey & Associates
Ness City	KS	Feb-16	Feb-16	Wet Walnut Creek Watershed	249' of 18" CIPP lining	Jeremiah Hobbs, Contr.Off.	785.222.2812	\$ 63,495	Wet Walnut Creek Watershed	King Engineering
Colorado Sprgs	CO	Feb-16	Feb-16	42" Storm Sewer Rehabilitation	42" of 42" CIPP lining	Cole Platt, Program Supt.	719.491.8689	\$ 92,250	City of Colorado Springs, CO	Owner
Murfreesboro	TN	Jan-16	Jun-16	Sewer Rehabilitation	6484' of 8"-30" CIPP lining	Jeramie White, Project Mgr.	615.574.9420	\$ 568,553	City of Murfreesboro, TN	Sub to SBW Constructors, Inc.
Lamar	CO	Jan-16	Feb-16	48" Storm Pipe	51' of 48" CIPP lining	Greg Clausen	719.336.2002	\$ 38,370	City of Lamar, CO	Owner
Denver	CO	Jan-16	Feb-16	2015 HiLin Capital Improvements	455' of 8" CIPP lining	Patrick Carroll, VP	303.688.2166	\$ 12,740	DRC Construction Services	Sedalia, CO
Ashland	KY	Jan-16	Apr-16	Sanitary Sewer Rehab 15th & 17th St.	1207' of 24"-30" CIPP lining	Jim Nochois, SR Engr. Asst.	606.327.2008	\$ 239,390	City of Ashland, KY	E. L. Robinson, Ashland, KY.
Richmond	VA	Jan-16	Jun-16	Richmond Release 21 Riverview RZ	Clean & TV	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 40,354	City of Richmond, VA	Owner
Richmond	VA	Jan-16	Jun-16	Richmond Release 18	2924' of 12"-30" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 712,499	City of Richmond, VA	Owner
Orlando	FL	Jan-16	Mar-16	Lakemont & Jake	172' of 72" CIPP lining	Jim Cunningham, President	407.359.5531	\$ 98,900	C. E. James, Inc., Oviedo, FL	Sub to C. E. James, Inc.
Wallingford	CT	Jan-16	Jun-16	Wallingford - 2016	11012' of 8"-33" CIPP lining	Terry Smith, Superintendent	203.949.2677	\$ 480,412	Town of Wallingford, CT	Owner
Casselberry	FL	Jan-16	Apr-16	Seminole Co. Engineering 2016	2562' of 42"-54" CIPP lining	Robert Walker	407.665.5753	\$ 656,607	Seminole County, FL	Owner
Charlotte	NC	Jan-16	Feb-16	Mountain Cove Drive	97' of 24" CIPP lining	Mark Brawell	704.441.4777	\$ 19,497	OnSite Development	Charlotte, NC
Charlotte	NC	Jan-16	Feb-16	Marsh Road	101' of 24" CIPP lining	Mark Brawell	704.441.4777	\$ 17,680	OnSite Development	Charlotte, NC
Charlotte	NC	Jan-16	Feb-16	Ablewood Drive	300' of 15"-18" CIPP lining	Richard Haffner, Project Adm.	704.615.0644	\$ 26,930	OnSite Development	Charlotte, NC
Akron	OH	Jan-16	Jan-16	24" Link Pipe Repair	2.0' of 24" CIPP lining	Doug Staubs	330.762.9373	\$ 9,000	Kenmore Construction, Akron, OH	Owner
Charlotte	NC	Jan-16	Feb-16	Creek Turn Drive	331' of 36" CIPP lining	Mark Brawell	704.441.4777	\$ 82,336	OnSite Development	Charlotte, NC
Bexley	OH	Jan-16	Jun-16	2015 Stormwater Rehabilitation	4661' of 8"-15" CIPP lining	David Koch, Engineer	614.949.8102	\$ 230,855	City of Bexley, OH	Koch Engineering
Seabrook Isld.	SC	Jan-16	Jun-16	Stormwater Rehabilitation Project	9590' of 12"-42" CIPP lining	Steve Hirsch, Proj. Admin.	863.471.5141	\$ 1,257,347	Seabrook Island Property Owners	Johns Island, SC
Capitol Heights	MD	Jan-16	Aug-16	WSSC IDIQ 21 Task 8	3730' of 8"-33" CIPP lining	Randy Bond, Contr. Manager	301.206.2425	\$ 2,313,919	WSSC, Laurel, MD	Owner
Silver Springs	MD	Jan-16	Feb-16	WSSC IDIQ 16 Task 7	Miscellaneous Work	Timothy Brooks, PM	301.206.2543	\$ 231,139	WSSC, Laurel, MD	Owner
Richmond	VA	Jan-16	Apr-16	Richmond Release 23 BRT	2890' of 15"-20" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 314,651	City of Richmond, VA	Owner
Merritt Island	FL	Jan-16	Mar-16	Brevard County	336' of 24" CIPP lining	Terrie B. Lewis, PW Admin.	321.690.6884	\$ 31,920	Brevard County, FL	Owner
Nitro	WV	Jan-16	Mar-16	Wastewater System Improvements	2300' of 42" CIPP lining	Eric Taylor	304.733.6801	\$ 602,600	Tri-State Pipeline, Barboursville WV	Burgess & Niple
Louisville	KY	Jan-16	Apr-16	KY Exposition Center Rehab.	3080' of 8"-18" CIPP lining	David Erwin, Events/Grd.Cor	502.664.0601	\$ 139,916	Commonwealth of Kentucky	Frankfort, KY
Cleveland	OH	Jan-16	Jul-17	2015 Sewer Rehabilitation	Maintenance Contract 8"-48"	Michael Zavoda, Engineer	216.348.3843	\$ 2,891,570	Cuyahoga Co. Dept. of Public Works	Cleveland, OH
Dunwoody	GA	Jan-16	Feb-16	Woodlands HOA Phase 1 CIPP	339' of 18"-36" CIPP lining	Tim Graves, President HOA	404.539.2873	\$ 45,981	Woodlands HOA, Dunwoody, GA	Owner
Safety Harbor	FL	Jan-16	Mar-16	Safety Harbor SS & Storm 2016	3711' of 8"-48" CIPP lining	Bob Farris	727.724.1555	\$ 244,807	City of Safety Harbor, FL	Owner
Sarasota Co.	FL	Jan-16	Mar-16	Contr.C Rel 13,14,15,16,20,26	3816' of 24"-36" CIPP lining	Jason Brown, Const. PM	941.650.3728	\$ 495,893	Sarasota County, FL	Owner
Clearwater	FL	Jan-16	Mar-16	Pinellas Co. Storm 002064A Rel 11A	395' of 30" CIPP lining	Jeremy Waugh	727.464.4348	\$ 53,698	Pinellas County, Clearwater, FL	Owner
Knoxville	TN	Jan-16	May-16	Forks of the River	6585' of 8"-12" CIPP lining	Tracey Green, PM	423.519.2325	\$ 276,620	Morgan Contracting, Knoxville, TN	Sub to Morgan Contracting
Richmond	VA	Jan-16	Mar-16	Richmond Release 19 Cary	2059' of 8"-24" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 189,761	City of Richmond, VA	Owner
Charlotte	NC	Jan-16	Feb-16	Woodfield Drive	140' of 30" CIPP lining	Mark Brawell	704.441.4777	\$ 27,405	Onsite Development	Charlotte, NC
Knoxville	TN	Jan-16	Jan-16	KUB-Weaver Fremont 17889	844' of 6"-8" CIPP lining	Greg Stump, Project Manager	931.206.4437	\$ 68,360	Hurst Excavating, Knoxville, TN.	Sub to Hurst Excavating, Knoxville, TN
Maineville	OH	Jan-16	Feb-16	Little Miami Bike Trail Sewer Warren Co.	1016' of 24" CIPP lining	Drew O'Conner	513.482.3300	\$ 104,294	MCSP, Cincinnati, OH	City of Warren County, OH

Layne Inliner, LLC 5-year Job List

Orlando	FL	Jan-16	Mar-16	JEL-Elan Storm Discharge Pipe	288' of 36" CIPP lining	Clarence Thornton	407.673.0011	\$ 42,048	JEL Site Development, Inc.	Winter Park, FL
Deltona	FL	Jan-16	Sep-16	Deltona Storm 2016	1862' of 24"-30" CIPP lining	Joseph Walker, Stormwater	386.878.8100	\$ 199,980	City of Deltona, FL	Owner
Birmingham	AL	Jan-16	Apr-16	Small Diameter SS Rehab.	28 Jannsen Lateral Repairs	Mike Sanders, PM	475.235.9674	\$ 142,000	Heitkamp, Inc., Watertown, CT	Owner
Erwin	TN	Dec-15	Jun-16	Collection System Rehabilitation	25015' of 6"-24" CIPP lining	Matthew Rice, Dir. Of WW	423.743.1820	\$ 1,678,023	Erwin Utilities, TN	Owner
Knoxville	TN	Dec-15	Feb-16	KUB First Creek Sub Basin 18	3910' of 8"-18" CIPP lining	Tracey Green, PM	423.519.2325	\$ 288,800	Morgan Contracting, Knoxville, TN	Sub to Morgan Contracting
Golden	CO	Dec-15	Dec-15	Sewer Rehab - MillerCoors	300' of 8" CIPP lining	Greg Bruggeman, VP	316.945.8833	\$ 18,000	Utility Maintenance Contractors	Wichita, KS
Cypress	TX	Dec-15	Mar-16	Boyer - Harris Co. MUD 374	85' of 18" CIPP lining	Alene Efaw, PE	281.558.8700	\$ 21,500	Harris Co. MUD #374, Houston, TX	Owner
Winston-Salem	NC	Dec-15	May-16	Peter's Creek Sanitary Sewer Rehabilitation	1471' of 30" CIPP lining	Connie, Project Administrator	336.727.2983	\$ 1,184,003	City of Winston-Salem, NC	Gavel & Donn Engrs., Charlotte, NC
Indianapolis	IN	Dec-15	Apr-16	Park Avenue & Bellefontaine LDSR	5061' of 10"-54" CIPP lining	Roger Hanas, PM	317.429.3985	\$ 1,372,022	Citizens Energy Group, Indpl. IN	Wessler Engineering, Indianapolis, IN.
Katy	TX	Dec-15	Mar-16	Regional Trunkline Rehabilitation	1472' of 18" CIPP lining	Alene Efaw, PE	281.558.8700	\$ 194,560	Harris Co. MUD #239, Houston, TX	Brown & Gay, Houston, TX
Edna	TX	Dec-15	Apr-16	2014 CDBG Sanitary Sewer Rehabilitation	985' of 10"-12" CIPP lining	Philip Huseman, PE	281.494.3252	\$ 265,550	City of Edna, TX	KSA Engineers, Sugarland, TX
Temple Hills	MD	Dec-15	Jan-16	AM-Liner East for WSSC IDIQ 20 to 18	400' of 8" CIPP lining	Sean Merryman, Contr. Mgr.	540.336.3912	\$ 19,200	AM-Liner East, Capitol Heights, MD	Owner
Richmond	VA	Dec-15	Feb-16	Richmond Release 20	Laser Profiling	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 116,235	City of Richmond, VA	Owner
Timonium	MD	Dec-15	Aug-16	Jones Falls BC02 & BC03	41534' of 8"-18" CIPP lining	Louisa Rettew, Contr. Mgr.	410.887.3531	\$ 2,004,072	Baltimore County, DPW	Baltimore County, MD
Centennial	CO	Dec-15	Feb-16	2015 CIP Program	3929' of 8"-36" CIPP lining	Dan Phipps, Project Engineer	303.985.3636	\$ 811,059	South Arapahoe, Lakeland, CO	Kennedy Jenks, Lakewood, CO
Woodlands	TX	Dec-15	Apr-16	Rehab. Of Gravity Sanitary Sewer Mains	9952' of 15"-25" CIPP lining	Kenyon Hunt, PE	281.589.7257	\$ 1,396,446	San Jacinto River, The Woodlands	Klotz Associates, Houston, TX
Lorain	OH	Dec-15	Dec-15	Broadway, Jaeger Road	681' of 45"x35" CIPP	Chris Taylor, Project Mgr.	440.234.1284	\$ 170,250	Fabrizi Trucking & Paving	Jones & Henry
Clearwater	FL	Dec-15	Feb-16	Clearwater Lincoln Avenue	275' of 60" CIPP lining	Nabil Bawany	727.562.4750	\$ 91,100	City of Clearwater, FL	Owner
Sarasota Co.	FL	Dec-15	Mar-16	Sarasota Contract D Rel 4-5-6-7-8	1030' of 42"-54" CIPP lining	Jason Brown, Const. PM	941.861.0930	\$ 287,612	Sarasota County, FL	Owner
Sandy Springs	GA	Dec-15	Dec-15	Johnson Ferry & Riverside Drive	Cleaning of detention pond	Phillip Walker, Proj. Coord.	770.206.2553	\$ 20,950	City of Sandy Springs, GA	Owner
Nashville	TN	Dec-15	Feb-16	Davidson & Brook Hollow Sewer Impvts.	410' of 8" CIPP lining	Kevin Covett, PE	615.806.6562	\$ 49,200	SBW Constructors, Cottontown, TN	CH2M Hill, Nashville, TN.
Wichita	KS	Dec-15	Mar-16	2015 Sanitary Sewer Phase F (CIPP)	13743' of 8"-15" CIPP lining	Jeff Truhune, Project Engr.	316.268.4636	\$ 385,556	City of Wichita, KS	Owner
Indianapolis	IN	Dec-15	Apr-16	Fall Creek Phase 1 Large Diameter Sewer	5247' of 30"-48" CIPP lining	Roger Hannas, Project Mgr.	317.429.3985	\$ 4,426,223	Citizens Energy Group	Indianapolis, IN
Colorado Sprgs	CO	Dec-15	Dec-16	LCERP Task Order 73	9779' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 416,488	Colorado Springs Utilities	Colorado Springs, CO
Akron	OH	Dec-15	Mar-16	Sewer Reconstruction Phase 2	5360' of 8"-48" CIPP lining	John Smith	330.628.4811	\$ 583,070	BG Trucking & Constr., N. Lima, OH	City of Akron, OH
LaFollette	TN	Dec-15	Dec-15	Sewer Rehabilitation	512' of 8" CIPP lining	Greg Stump, Project Manager	931.206.4437	\$ 19,968	Hurst Excavating, Knoxville, TN.	Owner
Montpelier	OH	Dec-15	Dec-15	Cranberry Run Interceptor Emergency	405' of 54" CIPP lining	Kurt Roan, City Administrator	419.485.5543	\$ 212,462	City of Montpelier, OH	Jones & Henry
Louisville	KY	Nov-15	Dec-15	Middletown Industrial Park	783' of 12" CIPP lining	Jim Walker, Project Manager	812.948.6691	\$ 40,716	TSI Paving, Louisville, KY	Louisville & Jefferson CO MSD
Wapakoneta	OH	Nov-15	Jan-16	Wapakoneta South Interceptor Phase 2	1855' of 15"-48" CIPP lining	Jason Ruhlen, Project Mgr.	419.422.7738	\$ 226,395	Helms & Son, Findlay, OH	Owner
Braintree	MA	Nov-15	Dec-15	Braintree-Heitkamp-YR 3	3696' of 8"-12" CIPP lining	Joseph Peroti, Proj. Admin.	860.274.5469	\$ 148,392	Heitkamp, Inc., Watertown, CT	Weston & Sampson, Peabody, MA
Richmond	VA	Nov-15	May-16	Richmond Release 17	6056' of 12"-33" CIPP lining	Susan Hamilton, Oper. Mgr.	806.464.8502	\$ 640,048	City of Richmond, VA	Owner
Wilmington	DE	Nov-15	Dec-15	New Castle County Release 3	31' of 8" Lateral Lining	Eric Laramore, PM	302.395.5740	\$ 141,800	New Castle County	New Castle, DE
Arlington	VA	Nov-15	Apr-16	Corinthian Contr. - Arlington National Cem.	6354' of 6"-48" CIPP lining	Hugh Moreira, VP	301.568.6510	\$ 932,224	Corinthian Contractors	Upper Marlboro, MD
Richmond	VA	Nov-15	Feb-16	Richmond Release 16	5726' of 12"-36" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 953,202	City of Richmond, VA	Owner
Conway	SC	Nov-15	Jan-16	Rehabilitation of Existing Sewer Lines	2665' of 8" CIPP lining	Larry Bell, Project Admin.	843.397.2532	\$ 129,253	City of Conway, SC	Owner
Santa Claus	IN	Nov-15	Nov-15	Holiday World 6" CIPP Phase 1	495' of 6" CIPP lining	Steve Meunier, Dir. Of Dev.	812.568.2386	\$ 18,810	Holiday World & Splashin Safari	Santa Claus, IN
Portsmouth	OH	Nov-15	Dec-15	Greenlawn Cemetery	165' of 18" CIPP lining	Rick Duncan, Dir. Of WW	740.353.0241	\$ 37,500	City of Portsmouth, OH	Owner
Colorado Sprgs	CO	Nov-15	Nov-15	Union & Vickers Storm Line	110' of 27" CIPP lining	Cole Platt, Program Supt.	719.385.6822	\$ 19,900	City of Colorado Springs, CO	Owner
Colorado Sprgs	CO	Nov-15	Nov-15	Academy & Lehman Storm Line	158' of 24" CIPP lining	Cole Platt, Program Supt.	719.385.6822	\$ 19,500	City of Colorado Springs, CO	Owner
Colorado Sprgs	CO	Nov-15	Dec-16	SSERP Task Order 72	7892' of 10"-42" CIPP lining	Richard Dressel, PM	719.668.4395	\$ 2,151,581	Colorado Springs Utilities	Colorado Springs, CO
Hanover	IN	Nov-15	Mar-16	CCTV-Campus Site Assessment	CCTV & Clean	John Todd/Scott Klein	812.866.6823	\$ 32,000	Hanover College	Hanover, IN

Layne Inliner, LLC 5-year Job List

Grandview Hts.	OH	Nov-15	Nov-15	Grandview Yard Sewer Rehabilitation	210' of 8" CIPP lining	Brent Posten, Project Mgr.	614.246.2317	\$ 31,685	George J Igel & Company	Columbus, OH
Grandview Hts.	OH	Nov-15	Dec-15	Mulford Avenue Sewer Project	1565' of 8" CIPP lining	Erik Meininger, Proj. Engr.	614.775.4436	\$ 107,578	City of Grandview Heights, OH	EMH&T, Columbus, OH
Charlotte	NC	Nov-15	Dec-15	6037 South Blvd.	305' of 36" CIPP lining	Mark Braswell, Proj. Admin.	704.525.3106	\$ 56,400	Onsite Development	Charlotte, NC
Circleville	OH	Nov-15	Nov-15	Chemical - Storm/Process Line Rehab.	331' of 8"-30" CIPP lining	Tim Rutan	800.267.9810	\$ 80,490	Evanco Environmental Technology	Chester, VA
Clearwater	FL	Nov-15	Feb-16	Storm 001922AA Release 3B Install	3910' of 15"-48" CIPP lining	Ray Gambling, Inspector	727.464.4348	\$ 423,778	Pinellas County, FL	Owner
Colorado Sprgs	CO	Nov-15	11/2015	I-25 US 24 Cimarron Design-Build	500' of 24" CIPP lining	Eric Baumgart, Estimator	608.546.2311	\$ 81,725	Kraemer North America, LLC	Plain, WI
Rockville	IN	Nov-15	Apr-16	2015 Sanitary Sewer Rehabilitation	1012' of 8"-15" CIPP lining	Cindy Fort, Project Manager	317.547.5580	\$ 131,875	Town of Rockville, IN	American Structurepoint, Inc.
Coral Springs	FL	Oct-15	Apr-16	Coral Springs Imp. Dist. For LMK	14474' of 8" CIPP lining	Mark Gulyas, Oper. Mgr.	954.772.0075	\$ 483,192	LMK Pipeline Renewal, LLC	Ft. Lauderdale, FL
Longboat Key	FL	Oct-15	Jan-16	Longboat Key Stormwater PO 14681	588' of 8"-10" CIPP lining	Joe Samblanet, PWD	941.316.1943	\$ 40,823	Town of Longboat Key, FL	Owner
Marblehead	MA	Oct-15	Dec-15	Marblehead, MA - NWMCC	6830' of 8" CIPP lining	Hercules Anastasiadis	800.422.0815	\$ 225,320	National Water Main, Canton, MA	Haley & Ward, Inc., Maynard, MA
Columbus	OH	Oct-15	Jun-16	Alum Creek Trunk Middle Contract A	2164' of 48" CIPP lining	Mike Griffith, Project Mgr.	614.645.2416	\$ 2,458,565	City of Columbus, OH	Owner
Dayton	OH	Oct-15	Dec-15	Woodman Dr. Sanitary Sewer Rehab.	2188' of 12" CIPP lining	Corey Kinnison, Sr. Engineer	937.333.3725	\$ 293,803	City of Dayton, OH	Owner
Abilene	KS	Oct-15	Dec-15	Project 15-1 CIPP 2015	1602' of 8" CIPP lining	Lon Schrader, Supt.	758.263.2550	\$ 49,671	City of Abilene, KS	Owner
Upper Marlboro	MD	Oct-15	Jul-16	WSSC IDIQ 21 Task 24	3019' of 8"-24" CIPP lining	Randy Bond, Contr. Manager	301.206.7317	\$ 3,909,156	WSSC, Laurel, MD	Owner
Upper Marlboro	MD	Oct-15	Apr-16	WSSC IDIQ 21 Task 20	701' of 20" CIPP lining	Randy Bond, Contr. Manager	301.206.7317	\$ 1,197,333	WSSC, Laurel, MD	Owner
Colorado Sprgs	CO	Oct-15	Dec-16	LCERP Task Order 71	13010' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 540,954	Colorado Springs Utilities	Colorado Springs, CO
Berkley	CO	Oct-15	Dec-15	2015 Capital Improvements Project	1430' of 8"-12" CIPP lining	Sam Marshall, Project Mgr.	720.504.7255	\$ 45,360	Redpoint Contractors, Denver, CO	Martin Martin Engr., Lakewood, CO
Hyattsville	MD	Oct-15	Nov-16	WSSC IDIQ 14 Task 9 Paint Branch Basin	628' of 8"-12" CIPP lining	Ed Steele, Project Manager	301.206.4320	\$ 3,497,466	Washington Suburban Sanitary	Laurel, MD
Longboat Key	FL	Oct-15	Dec-15	Manhole Rehabilitation	Raven 405 Rehab. 10-12 manholes	Jason Schmidt	941.316.1999	\$ 50,400	Town of Longboat Key, FL	Owner
Nederland	CO	Oct-15	Nov-15	Sanitary Sewer Repair	3953' of 8" CIPP lining	Alisha Reis, Town Admin.	303.258.3266	\$ 165,556	Town of Nederland, CO	JVA, Inc., Boulder, CO
Roswell	GA	Oct-15	Dec-15	Charleston Trace Storm Water Pipe Rehab.	1080' of 18"-60" CIPP lining	Nick Pezzollo, CM	770.641.3707	\$ 275,181	City of Roswell, GA	Owner
Columbus	IN	Oct-15	Dec-15	Harrison Lake Township 24" CIPP	262' of 24" CIPP lining	Jane Twaddle, INDOT Engr.	812.968.4437	\$ 65,500	Harrison Lake Twsp, Columbus, IN	INDOT
Clermont	FL	Oct-15	Dec-15	Clermont 2016 PO 2016-0004	4947' of 8"-16" CIPP lining	Jerrone McLaren	352.241.0178	\$ 179,609	City of Clermont, FL	Owner
Beltsville	MD	Oct-15	Aug-16	WSSC IDIQ 15 Task 1 NE Branch Basin	4889' of 8"-12" CIPP lining	Mike Trail, Const. Manager	301.206.4307	\$ 1,968,211	Washington Suburban Sanitary	Laurel, MD
Tell City	IN	Oct-15	Oct-15	Tell City Emergency - 2015	75' of 30" CIPP lining	Bruce Badger, WWTP Mgr.	812.547.5110	\$ 41,000	City of Tell City, IN.	Owner
North Conway	NH	Oct-15	Dec-15	Conway Village for DeFelice Corp.	140' of 18"-24" CIPP lining	Stewart McCormack, PM	978.452.6967	\$ 44,650	DeFelice Corporation, Dracut, MA	Underwood Engrs., Concord, NH
Beltsville	MD	Oct-15	Oct-15	WSSC Roads Contr.Task 25 Janssen Seals	Janssen Seal Lateral Repair 8"	Justin Jacobs, PM	301.595.0312	\$ 27,965	IPR Northeast, Beltsville, MD	Owner
Carroll Co.	MD	Oct-15	Oct-15	Carroll Co. Release 5	1918' of 8" UV Lining	Cindy Miller	410.386.2181	\$ 80,556	Carroll Co. Government	Westminster, MD
Weymouth	MA	Oct-15	Dec-15	Weymouth, MA for Heitkamp, Inc.	3188' of 8"-15" CIPP lining	Joseph Perotti, Dir. Of Oper.	860.274.5469	\$ 162,226	Heitkamp, Inc., Watertown, CT	Weston & Sampson, Peabody, MA
Palm Beach	FL	Oct-15	Dec-15	LS Conversion for TLC Diversified	2548' of 8" CIPP lining	Linwood Lee, PM	941.722.0621	\$ 129,960	TLC Diversified, Inc.	Palmetto, FL
Salem	MA	Oct-15	Dec-15	BLD Services	340' of 8" CIPP lining	Brendon Doyle, PM	508.479.7202	\$ 22,500	BLD Services, LLC, Kenner, LA	Owner
Randolph	MA	Oct-15	Dec-15	Sewer Rehabilitation	1600' of 8" CIPP lining	Scott Puschell, Engineer	781.961.3700	\$ 64,000	J. D'Amico, Inc. - Randolph, MA	BEta Group, Norwood, MA
Gwyn Oak	MD	Oct-15	Aug-16	Baltimore Co - Dead Run 14084	31326' of 8"-30" CIPP lining	Jeff Peluso, Engineer	410.887.3531	\$ 2,376,229	Baltimore County, DPW	Towson, MD
Mulberry	FL	Oct-15	Jan-16	Polk County Mulberry Area	450' of 24"-48" CIPP lining	Doug Gable	863.535.2285	\$ 124,415	Polk County, FL	Owner
Pueblo	CO	Oct-15	Oct-15	Prairie St. Warranty Work	27' of 15" CIPP lining	Sonia Mandragon, PE	719.553.2898	\$ 23,000	City of Pueblo, CO	Owner
Brighton	CO	Oct-15	Jul-16	2015 Sewer Line Rehabilitation by CIPP	110651' of 6"-12" CIPP lining	Bob Irving, Project Coord.	303.655.2192	\$ 2,321,250	City of Brighton, CO	Owner
Parker	CO	Sep-15	Oct-15	2015 Annual CIPP Rehabilitation	1083' of 8" CIPP lining	Kevin Clark, Dist. Manager	303.805.1839	\$ 31,407	Denver SE Suburban Water	Parker, CO
Lakewood	CO	Sep-15	Oct-15	2015 Capital Improvements	569' of 8" CIPP lining	Brian Kiely, Engr. Staff	303.972.2054	\$ 18,425	Bennett Bear Creek Farms Water	Kennedy Jenks, Lakewood, CO
Circleville	OH	Sep-15	Oct-15	30" Storm Sewer Rehabilitation	200' of 30" CIPP lining	Anthony Neff	740.474.3360	\$ 43,600	Pickaway County Engineers	Circleville, OH
Lakeland	FL	Sep-15	Dec-15	Skyview, Barrington, Longwood	1429' of 18"-36" CIPP lining	Doug Gable	865.535.2285	\$ 235,025	Polk County, FL	Owner
Frostproof	FL	Sep-15	Dec-15	Polk County Lake Arbuckle Road	260' of 24"-72" CIPP lining	Doug Gable	863.535.2285	\$ 259,140	Polk County, FL	Owner

Layne Inliner, LLC 5-year Job List

Haysville	KS	Sep-15	May-16	Sanitary Sewers 2015	7860' of 8" CIPP lining	Lance Durfey, WW Supt.	316.529.5940	\$ 187,382	City of Haysville, KS	Owner
Coconut Creek	FL	Sep-15	Nov-15	Coconut Creek PO 141032	427' of 18"-30" CIPP lining	John Lukaszewicz, Supt.	954.448.9080	\$ 51,735	City of Coconut Creek, FL	Owner
Dayton	OH	Sep-15	May-16	Deeds Point & Triangle Park Siphon	2262' of 30"-36" CIPP lining	Corey Kinnison, Sr. Engineer	937.333.3725	\$ 1,710,088	City of Dayton, OH	Owner
Clinton	MD	Sep-15	Oct-16	WSSC IDIQ 20 Task 16	4620' of 8"-12" CIPP lining	Wayne Gleason, Contr.Mgr.	301.206.7316	\$ 1,954,912	WSSC, Laurel, MD	Owner
Upper Marlboro	MD	Sep-15	Jan-16	WSSC IDIQ 20 Task 19	4613' of 8"-27" CIPP lining	Wayne Gleason, Contr.Mgr.	301.206.7316	\$ 2,568,356	WSSC, Laurel, MD	Owner
St. Petersburg	FL	Sep-15	Sep-16	Clean/CCTV Yr 2 of 5	Clean and CCTV	Lane Longley	727.892.5612	\$ 650,000	City of St. Petersburg, FL	Owner
Plantation	FL	Sep-15	Aug-17	Annual Yrs 1 & 2 of 5	38000' of 8"-48" CIPP lining	Jeffrey Jones, Supervisor	954.452.2572	\$ 1,863,381	City of Plantation, FL	Owner
Council Grove	KS	Sep-15	Oct-15	Rock Creek Watershed Rehab of Dam 208	1260' of 18" CIPP lining	Hubert Thomas, Owner	620.547.2475	\$ 39,690	Thomas Construction	Ft. Scott, KS
Needham	MA	Sep-15	Dec-15	Needham - Fed Corp	1260' of 8" CIPP lining	Lester Valente, Project Engr.	781.329.1044	\$ 44,100	FedCopr, Dedham, MA	Needham DPW, Needham, MA
Punta Gorda	FL	Sep-15	Oct-15	Charlotte County Storm Drain	987' of 15"-48" CIPP lining	Randy Vowell, Contr.Spec.	941.575.3680	\$ 131,661	Charlotte Co. Public Works	Punta Gorda, FL
Cleveland	TN	Sep-15	Nov-15	Wildman-Inman Rehabilitation	5543' of 8"-12" CIPP lining	Tracey, Project Manager	423.519.2325	\$ 211,714	Morgan Contracting, Inc.	Knoxville, TN
Jupiter	FL	Sep-15	Sep-15	Loxahatchee River Dist.	192' of 15"-18" CIPP lining	Mark Gulyas, Opers. Mgr.	954.772.0075	\$ 22,260	LML Pipeline Renewal, LLC	Ft. Lauderdale, FL
Laurel	MD	Sep-15	Apr-16	Ross Contracting IDIQ 14 Task 11	2283' of 8"-30" CIPP lining	Patrick Brennan, Project Mgr.	301.831.5500	\$ 268,874	Ross Contracting, Inc.	Mt. Airy, MD
Vidor	TX	Sep-15	Sep-15	Orange Co. WC&ID No. 1	90' of 8"-12" CIPP lining	Yonin Villares, PM	832.582.9421	\$ 17,799	T-Construction, Houston, TX	Owner
Laurel	MD	Sep-15	Jan-16	WSSC IDIQ 1 Task 30	3842' of 8" CIPP lining	Timothy Brooks, PM	301.206.2559	\$ 761,145	Washington Suburban Sanitary	Laurel, MD
Tarpon Springs	FL	Sep-15	Nov-15	Tarpon Springs Treatment Plant	300' of 12" CIPP lining	Jim Wheaton, Inspector	727.942.5615	\$ 1,800	City of Tarpon Springs, FL	Owner
Dothan	AL	Sep-15	Sep-15	Walmart Store 0604 Storm Water Rehab.	150' of 15" CIPP lining	Paul Nikonow	814.533.5743	\$ 18,000	National Gunite	Johnstown, PA
Lake Mary	FL	Sep-15	Nov-15	Seminole Co. Engineering 2015	303' of 18" CIPP lining	Robert Walker	407.665.5753	\$ 29,088	Seminole County, FL	Owner
Colorado Sprgs	CO	Sep-15	Dec-15	LCERP Task Order 69	5 pt. repairs 3 upsize pipe segments	Andrew Pinello, PM	719.668.4488	\$ 522,725	Colorado Springs Utilities	Colorado Springs, CO
Austin	TX	Sep-15	Sep-15	24" CIPP Brushy View Cove Dr.	354' of 24" CIPP lining	Ronald Etter, PM	817.293.4263	\$ 56,640	Southland Contr., Ft. Worth, TX	City of Austin, TX
Laurel	MD	Sep-15	Dec-15	Ross Contracting IDIQ 14 Task 7	1020' of 8"-20" CIPP lining	Patrick Brennan, Project Mgr.	301.831.5500	\$ 82,587	Ross Contracting, Inc.	Mt. Airy, MD
La Veta	CO	Sep-15	Sep-15	BCCTV & CIPP Install	180' of 8" CIPP lining	Bryan Malouff	719.589.4263	\$ 29,800	RMS Utilities, Inc.	Alamosa, CO
Ft. Collins	CO	Sep-15	Oct-15	O-8123 CIPP Sanitary Sewers	9695' of 8"-36" CIPP lining	Ray Fisher, WW Collection	970.221.6233	\$ 520,755	City of Fort Collins, CO	Owner
Knoxville	TN	Sep-15	Sep-15	KUB - Moody Avenue	1750' of 8" CIPP lining	Greg Stump, Project Manager	931.206.4437	\$ 31,140	Hurst Excavating	Knoxville, TN
Hanover	IN	Sep-15	Oct-15	Hanover College 8" CIPP Fall 2015	1100' of 8" CIPP lining	John Todd, Maint. Supt.	812.866.6823	\$ 46,200	Hanover College	Hanover, IN
Greenwood	IN	Sep-15	Dec-15	E & B Paving Greenwood	732' of 8" CIPP lining	Keith Spinner, Project Mgr.	317.501.0024	\$ 133,371	E & B Paving Company	Anderson, IN
Lancaster	OH	Sep-15	Sep-15	Allen St. Sewer Extension	667' of 24" CIPP lining	Richard Rippeth	740.654.3503	\$ 70,980	Rock River Construction, Lancaster	City of Lancaster, OH
Seminole	FL	Aug-15	Mar-16	Seminole County Storm 2015/2016	1430' of 15"-48" CIPP lining	Owen Reagan	407.665.5946	\$ 312,181	Seminole County, FL	Owner
Lakeland	FL	Aug-15	Oct-15	Lakeland Stormwater Pipe Lining	825' of 18"-42" CIPP lining	Larry Schuler, Drain.Foreman	863.834.3311	\$ 147,630	City of Lakeland, FL	Owner
Colorado Sprgs	CO	Aug-15	Dec-15	LCERP Tark Order 70	12970' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 625,942	Colorado Springs Utilities	Colorado Springs, CO
Walpole	MA	Aug-15	Dec-15	Walpole, MA for Heitkamp, Inc.	6200' of 8"-12" CIPP lining	Joseph Perotti, Proj. Admin.	860.274.5469	\$ 279,320	Heitkamp, Inc., Watertown, CT	Weston & Sampson, Peabody, MA
Brockton	MA	Aug-15	Dec-15	MJM Construction	540' of 10"-24" CIPP lining	Michael Paolucci, PM	508.427.6678	\$ 52,250	MJM Construction Corp	Brockton, MA
Providence	RI	Aug-15	Dec-15	Holden Street	175' of 15"-20" CIPP lining	Lana Romano, Purch. Agent	401.421.7740	\$ 42,500	City of Providence, RI	Owner
Chillicothe	OH	Aug-15	Aug-15	E. Water St. 21" Sewer Rehabilitation	1113' of 21" CIPP lining	Fred Woodruff, Utilities Supt	740.774.1418	\$ 105,735	City of Chillicothe, OH	Owner
Jackson	TN	Aug-15	Apr-16	Sewer System Rehab Phase 1 Contract 2	22600' of 8"-24" CIPP lining	Greg Sanford, PE	615.254.6002	\$ 1,621,175	Jackson Energy Auth., Jackson, TN	Jacobs Engineering, Nashville, TN
Dorchester	MA	Aug-15	Dec-15	BWS 13-308-006 ALB	1925' of 12"-18" CIPP lining	Pietro Ciano, Project Mgr.	978.937.0909	\$ 99,975	Albanese D&S, Inc., Dracut, MA	Boston Water & Sewer Commission
Boston	MA	Aug-15	Dec-15	BWS 13-308-002	1600' of 10"-18" CIPP lining	Peter Piantedosi, PM	508.559.6400	\$ 83,360	D'All	Boston Water & Sewer Commission
Richmond	VA	Aug-15	Dec-15	Richmond Release 15	2758' of 15"-18" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 376,640	City of Richmond, VA	Owner
Wilton Manors	FL	Aug-15	Sep-15	Wilton Manors PO 15-272	410' of 24"-48" CIPP lining	David Archacki, Dir. Of Utility	954.390.2190	\$ 67,400	City of Wilton Manors, FL	Owner
Lexington	MA	Aug-15	Dec-15	Lexington Phase 4A Sewer Improvements	1115' of 8" CIPP lining	Joseph Perotti, Proj. Admin.	860.274.5469	\$ 43,180	Heitkamp, Inc., Watertown, CT	Weston & Sampson, Peabody, MA
Knoxville	TN	Aug-15	Sep-15	Knoxville - 01A2 - Hurst Excavating	1950' of 6"-8" CIPP lining	Greg Stump, Project Manager	931.206.4437	\$ 100,950	Hurst Excavating, Knoxville, TN.	Owner
New Strawn	KS	Aug-15	Oct-15	Long-Scott Creek Watershed Site 5-29	137' of 24" CIPP lining	Hubert Thomas, Owner	620.547.2475	\$ 35,620	Thomas Construction	Ft. Scott, KS
Greenville	SC	Aug-15	Apr-16	FY154 Large Diameter ReWa - Heitkamp	9279' of 30"-42" CIPP lining	Will Nading, Project Engr.	864.299.4000	\$ 2,788,820	Heitkamp, Inc., Watertown, CT	Frazier Engineering, Stanley, NC

Layne Inliner, LLC 5-year Job List

Waldorf	MD	Aug-15	Nov-15	Existing Sewer Rehab. Route 301	1471' of 30" CIPP lining	Richard Barnas, VP	301.843.8600	\$ 405,910	St. Charles Companies of Charles	St. Charles, MD
Zanesville	OH	Aug-15	Sep-15	R2 & R7 CSO Basin Sewer Rehabilitation	2056' of 6"-36" CIPP lining	Adam Kendrick	740.754.0286	\$ 226,889	Kendrick Excavating, Dresden, OH	City of Zanesville, OH
Greenville	SC	Aug-15	Oct-16	FY15 Gravity Sewer & MH Rehabilitation	62204' of 8"-36" CIPP lining	Will Nading, Project Engr.	864.299.4000	\$ 4,986,743	Renewable Water Resources	Frazier Engineering, Stanley, NC
Boulder	CO	Aug-15	Jan-16	2015 Sanitary Sewer Rehabilitation	74042' of 8"-15" CIPP lining	Pieter Beyer, Project Mgr.	303.441.3054	\$ 1,829,524	City of Boulder, CO	Owner
Sarasota Co.	FL	Aug-15	Sep-15	Contract C Rel 12	1071' of 24"-36" CIPP lining	Jason Brown, Const. PM	941.650.3728	\$ 143,095	Sarasota County, FL	Owner
Sanford	FL	Aug-15	Sep-15	Seminole County Sanitary	322' of 8" CIPP lining	Jeff Lane, Collection Supt.	407.665.7116	\$ 11,270	Seminole County, FL	Owner
Oviedo	FL	Aug-15	Sep-15	Oviedo Sanitary & MH Rehab. 2015	77' of 12" CIPP lining	Jim Woodger, Utility Supt.	407.971.5667	\$ 20,887	City of Oviedo, FL	Owner
Stuart	FL	Aug-15	Oct-15	Clean & CCTV 2015	Clean & TV	David Peters, Public Wks.Dir.	772.288.1292	\$ 80,000	City of Stuart, FL	Owner
Friendly	WV	Aug-15	Aug-15	Process Sewer Rehab.	1088' of 12"-27" CIPP lining	Vic Cwyner	304.652.8127	\$ 174,090	Momentive Performance Materials	Friendly, WV
Adrian	MI	Aug-15	Aug-15	Brick Arch Sewer 24"	1003' of 24" CIPP lining	Steve Eberle	517.264.4859	\$ 103,255	City of Adrian, MI	Jones & Henry
Rockledge	FL	Aug-15	Sep-15	Barton & Fiske Blvd., City of Rockledge	18' of 18" CIPP lining	Kenneth Poole, Public Works	321.690.3978	\$ 16,048	City of Rockledge, FL	Owner
Lyons	KS	Jul-15	Jul-15	Emergency CIPP 2015	870' pf 12" CIPP lining	John Sweet, City Admin.	620.257.2320	\$ 35,670	City of Lyons, KS	Owner
Charlotte	NC	Jul-15	Aug-15	Blenheim Storm Drainage	117' of 24" CIPP lining	Daniel Bree, Proj. Admin.	704.522.1102	\$ 27,655	Sealand Contractors Corp.	Charlotte, NC
Houston	TX	Jul-15	Aug-15	MD Anderson Cancer Center, Slip Line Pipe	65' of 12" CIPP lining	Raman Varma, Project Mgr.	713.228.0808	\$ 8,750	Cactus Builders, Inc.	Houston, TX
Colorado Sprgs	CO	Jul-15	Dec-15	LCERP Task Order 68 201419958	3424' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 343,260	Colorado Springs Utilities	Colorado Springs, CO
McDonough	GA	Jul-15	Sep-15	Henry Co. Water - CIPP II	4464' of 8"-24" CIPP lining	Bill Banks, CIP Coordinator	678.583.3864	\$ 214,430	Henry Co. Water Authority	Henry County, GA
Houston	TX	Jul-15	Oct-15	Rankin Road Phase II Sewer Rehabilitatoin	1636' of 8"-24" CIPP lining	James McCain, PE	281.363.4039	\$ 166,713	Rankin Road MUD	The Woodlands, TX
Stuart	FL	Jul-15	Aug-15	Stuart 15" CIPP PO P2015459	249' of 15" CIPP lining	David Peters, Public Wks.Dir.	772.288.1292	\$ 22,908	City of Stuart, FL	Owner
Worcester	MA	Jul-15	Dec-15	Worcester Hermon St. Phase V	1255' of 15" CIPP lining	Michael Caforia, Ass. Dir. Eng	508.799.1454	\$ 144,191	City of Worcester, MA	Weston & Sampson, Peabody, MA
Jupiter	FL	Jul-15	Sep-15	Loxahatchee River Dist - PO 48009	5961' of 8"-12" CIPP lining	Kris Dean, Project Admin.	561.747.5700	\$ 260,000	Loxahatchee River District	Jupiter, FL
College Park	MD	Jul-15	Oct-15	University of Maryland - 15" CIPP	120' of 15" CIPP lining	Dennis Showalter, President	703.378.9008	\$ 17,000	Insight	Chantilly, VA
Knoxville	TN	Jul-15	Aug-15	First Creek SSO	160' of 8" CIPP lining	Tracey, Project Manager	423.519.2325	\$ 16,000	Morgan Contracting	Knoxville, TN
North Vernon	IN	Jul-15	Aug-15	North Vernon 24" CIPP INDOT	800' of 24" CIPP lining	Ron Singer, Superintendent	812.941.7895	\$ 100,000	Mac Construction & Excavation	New Albany, IN
Kissimmee	FL	Jul-15	Oct-15	Kissimmee Storm - Dyer Blvd.	880' of 48" CIPP lining	Matt Schmidt, Supervisor	407.518.2510	\$ 181,640	City of Kissimmee, FL	Owner
Orlando	FL	Jul-15	Aug-15	Wedgfield Golf & Country Club	65' of 30" CIPP lining	Dawn Mullins, Asst. Mgr.	407.568.5502	\$ 23,700	Ranger Drainage Dist., Orlando, FL	Owner
Meriden	CT	Jul-15	Sep-15	Francis T. Maloney High School	Misc. Manhole Work	Mark Gionfriddo, Proj. Admin	860.229.4853	\$ 3,000	Manafort Bros., Inc., Plainville, CT	Gilbane Bldg. Co., Glastonbury, CT
N. Baltimore	OH	Jul-15	Jul-15	North Baltimore Storm	310' of 21" CIPP lining	Doug Wickard	419.408.2505	\$ 35,430	Village of North Baltimore, OH	Owner
Pickerington	OH	Jul-15	Dec-15	Mingo Estates	2655' of 8"-12" CIPP lining	Shane Spencer, PE	614.775.4590	\$ 256,356	Columbus Asphalt Paving, Inc.	Gahanna, OH
Colorado Sprgs	CO	Jul-15	Dec-15	LCERP Task Order 65 201419958	10433' of 8" CIPP lining	Andrew Pinello, PM	719.688.4488	\$ 360,607	Colorado Springs Utilities	Colorado Springs, CO
Colorado Sprgs	CO	Jul-15	Dec-15	LCERP Task Order 66 201419958	12596' of 8" CIPP lining	Andrew Pinello, PM	719.688.4488	\$ 396,286	Colorado Springs Utilities	Colorado Springs, CO
Colorado Sprgs	CO	Jul-15	Dec-15	LCERP Task Order 67 201419958	9977' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 334,875	Colorado Springs Utilities	Colorado Springs, CO
Littleton	CO	Jul-15	Oct-15	B-Line Interceptor	5411' of 36" CIPP lining	Tony Cocozzella, Proj. Coord.	303.979.2333	\$ 1,130,000	SW Metro Water, Littleton, CO	Dewberry, Denver, CO
Milton	GA	Jul-15	Oct-15	Providence Road 60" Rehab.	60' of 60" CIPP lining	James Seeba	678.242.2513	\$ 137,113	City of Milton, GA	Owner
Newport	RI	Jul-15	Aug-15	St. Joseph's Church for East Coast	110' of 10" CIPP lining	Dean Prendergast, PM	401.683.5656	\$ 20,000	East Coast Landscaping & Const.	Portsmouth, RI
Littleton	CO	Jul-15	Aug-15	E-Line Sanitary Sewer Rehabilitation	2760' of 12" CIPP lining	Lisa Schwlen, PE	720.744.2215	\$ 177,760	Lakehurst Water, Littleton, CO	Kennedy Jenks, Lakewood, CO
Smyrna	GA	Jul-15	Aug-15	Martin Court Storm Water Rehab.	122' of 48"-60" CIPP lining	Meredith English, PM	770.975.7544	\$ 91,320	W.E.Contracting, Inc.	Acworth, GA
Pueblo	CO	Jul-15	Nov-15	FY2015 Selenium Reduction Project	4254' of 8" CIPP lining	Sonia Mandragon, PE	719.225.5485	\$ 135,968	City of Pueblo	Pueblo, CO
W. Valley City	UT	Jul-15	Sep-15	15D Sewer Rehabilitation Project	11148' of 8"-27" CIPP lining	Brad Paxman, Dist. Engr.	801.968.3551	\$ 665,102	Granger-Hunter Impvt. Dist.	West Valley City, UT
Wyomissing	PA	Jul-15	Sep-15	Wyomissing 2015 Sewer Rehabilitation	11044' of 8"-10" CIPP lining	James Babbs, Public Wks Mgr	610.655.4911	\$ 363,209	Borough of Wyomissing, PA	Great Valley Conslt., Wyomissing, PA
Arlington	MA	Jul-15	Sep-15	Spy Pond Park	225' of 18" CIPP lining	Ron Marini, President	617.964.9605	\$ 40,300	Ronald Marini Corp, Newton, MA	Leonard Design Assc., Arlington, MA
North Port	FL	Jul-15	Sep-15	Sydney Avenue & Marius Road PO 046397	198' of 36"-48" CIPP lining	John Mills	941.429.7170	\$ 57,712	City of North Port, FL	Owner
Jeffersonville	IN	Jul-15	Sep-15	Wildwood Drive	927' of 8" CIPP lining	Keith Ingram, Supt. Of WWTP	812.283.3960	\$ 35,362	Oak Park Conservancy District	Jeffersonville, IN.

Layne Inliner, LLC 5-year Job List

Boca Raton	FL	Jul-15	Aug-15	Palmetto Promenade for American Engr.	1066' of 8" CIPP lining	Chris Umbaugh, VP	561.242.9770	\$ 47,140	American Engineering Develop.	Jupiter, FL
Elizabeth	CO	Jul-15	7/2015	2015 Camera & Locate Line	CCTV & Clean 1800' of 8"	Michael Gibbs, Public Works	303.646.4166	\$ 4,710	Town of Elizabeth, CO	Owner
Lakewood	CO	Jul-15	Aug-15	Northwest Lakewood 2015 CIPP Project	2420' of 8"-12" CIPP lining	Levi Lowell, Project Mgr.	303.688.2330	\$ 90,486	T. Lowell Construction Inc.	Castle Rock, CO
Charlotte	NC	Jul-15	Aug-15	NCDOT I-485 from Rea Road to I-77	301' of 15"-30" CIPP lining	Justin E. Hill, Proj. Admin.	704.553.6500	\$ 46,767	Lane Construc5tion	Charlotte, NC
Berkley	CO	Jul-15	Sep-15	2015 Sanitary Sewer Rehabilitation	3906' of 8"-12" CIPP lining	Russell Traska, Dist. Mgr.	308.429.5770	\$ 185,110	North Pecos Water & Sanitation	Denver, CO
Federal Hts.	CO	Jul-15	Jul-15	Cured In Place Pipe & MH Lining	2920' of 12" CIPP lining	Art Negretti, Manager	303.428.3526	\$ 118,889	City of Federal Heights, CO	Owner
Houston	TX	Jul-15	Jul-15	Boyer - Trail of Lakes MUD	25' of 30" CIPP lining	Alene Efaw, PE	281.558.8700	\$ 31,500	Trail of Lakes MUD	Westheimer, TX
Jeffersontown	KY	Jul-15	Aug-15	Jeffersontown Interceptor	1621' of 36" CIPP lining	Ben Jones, Project Manager	812.948.6691	\$ 299,885	Louisville & Jefferson County MSD	Sub to TSI Paving, Louisville, KY
Wheat Ridge	CO	Jul-15	Jul-15	Wheat Ridge Capital Improvements	2399' of 8" CIPP lining	Bill King, Owner	303.287.4900	\$ 68,474	Levi Contractors, Henderson, CO	Martin/Martin, Lakewood, CO
Radcliff	KY	Jun-15	Dec-15	Ft. Knox Wastewater CIP Install 2015	3519' of 8"-10" CIPP lining	Brett Pyles, Oper. Manager	270.352.4280	\$ 248,976	Hardin Co. Water District #1	Radcliff, KY
Gainesville	GA	Jun-15	Aug-15	Gainesville CMP Sewer Replacements	686' of 12"-15" CIPP lining	Debbie Stemen	770.385.1018	\$ 92,910	Anderson Grading, Monroe, GA	Owner
Wheat Ridge	CO	Jun-15	Aug-15	EJSCD 2015 Capital Improvements	2448' of 6"-8" CIPP lining	Patrick Roberts, PE	303.431.6100	\$ 110,687	E.Jefferson Co. Sanit., Wheat Ridge	Martin/Martin, Lakewood, CO
Carrollton	KY	Jun-15	Aug-15	Dow Corning CCTV	CCTV Cleaning & Inspection	Jeff Salverson, Civil Owner	502.732.2434	\$ 25,250	Dow Corning, Carrollton, KY	Owner
Nashville	TN	Jun-15	Nov-15	Westchester Drive Rehabilitation	3850' of 10"-18" CIPP lining	Kevin Covett, PE	615.806.6562	\$ 1,032,100	Metropolitan Govnt. Of Nashville	CH2M Hill, Nashville, TN.
Rockport	IN	Jun-15	Jul-15	6th Street 24" CIPP	185' of 24" CIPP lining	Terry Davis, Supertendent	812.649.2242	\$ 24,975	City of Rockport, IN	Owner
Cheyenne	WY	Jun-15	Sep-15	Logan Avenue Reconstruction	3115' of 10"-15" CIPP lining	Rich Bolkovatz, Manager	307.632.8971	\$ 122,639	REIMAN Const., Cheyenne, WY	Owner
Charlotte	NC	Jun-15	Aug-15	Lance Crackers for Sanders Utility	560' of 8" CIPP lining	Freddie Young, Proj. Admin.	704.399.5600	\$ 44,035	Sanders Utility Const., Charlotte	Owner
Macon	GA	Jun-15	Jul-16	Tobesofkee Basin Large Diameter	8378' of 24"-30" CIPP lining	Michel Wanna, CM	478.464.5626	\$ 1,999,882	Macon Water Authority	HNNT, Macon, GA
Charlotte	NC	Jun-15	Jul-15	Charlotte Marsh Road Storm	378' of 48" CIPP lining	Jeff McLoughlin, Owner	704.441.4777	\$ 99,002	Onsite Development	Charlotte, NC
Winter Park	FL	Jun-15	Dec-15	Sanitary 2015 Winter Park	10171' of 8"-12" CIPP lining	Robert Guest	407.599.3315	\$ 430,720	City of Winter Park, FL	Owner
Sanford	FL	Jun-15	Sep-15	Sanford Storm 2015	1664' of 15"-36" CIPP lining	Russel Sheibenberger, PM	407.688.5030	\$ 200,000	City of Sanford, FL	Owner
Rockport	IN	Jun-15	Jul-15	AK Steel Corporation Rockport Plant	665' of 30"-48" CIPP lining	Dirk Hummel, Inf. Area Lead	812.362.6079	\$ 204,250	AK Steel Corporation	Rockport, IN
Sandy Springs	GA	Jun-15	Jun-15	Glen Errol Catch Basin Repair	Catch Basin repair	Phillip Walker, Proj. Coord.	770.206.2553	\$ 9,000	City of Sandy Springs, GA	Owner
Adrian	MI	Jun-15	Aug-15	Brick Arch Sewer Rehabilitation	767' of 36" CIPP lining	Steve Eberle	517.264.4859	\$ 183,100	City of Adrian, MI	Jones & Henry
Heltonville	IN	Jun-15	Jun-15	Hardin Ridge CCTV	CCTV 2000 of 8"	Terry Deckerd, Chairman	812.333.4400	\$ 2,500	Hardin-Monroe Homeowner's Assc	Heltonville, IN
Silver Springs	MD	Jun-15	Oct-15	WSSC IDIQ 16 Task 12	1632' of 8"-10" CIPP lining	Darryl Lipscomb, PM	301.206.4036	\$ 790,705	Washington Suburban Sanitary	Laurel, MD
Richmond	VA	Jun-15	Sep-15	Richmond Release #13	Clean CCTV & Laser Profile 6719'	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 91,435	City of Richmond, VA	Owner
Ferdinand	IN	Jun-15	Aug-15	Convent Sewer Rehabilitation	793' of 8" CIPP lining	Roger Schaefer	812.630.6096	\$ 30,569	City of Ferdinand, IN	Owner
Richmond	VA	Jun-15	Sep-15	Richmond Release 14	323' of 36" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 110,304	City of Richmond, VA	Richmond, VA
Longboat Key	FL	Jun-15	Sep-15	Manhole Inspections PO 14669	50 Manhole Inspections	Anne Ross	941.316.1999	\$ 5,250	Town of Longboat Key, FL	Owner
Laurel	MD	Jun-15	Dec-15	WSSC IDIQ 15 Task 5	9374' of 8"-18" CIPP lining	April Wilt, Contr. Manager	301.206.4307	\$ 2,065,186	Washington Suburban Sanitary	Laurel, MD
St. Petersburg	FL	Jun-15	Sep-15	St. Petersburg/Clearwater Airport	2500' of 15"-18" CIPP lining	David Vekasi, VP	727.784.7624	\$ 207,500	David Nelson Construction Co.	Palm Harbor, FL
Indianapolis	IN	Jun-15	Jan-16	Force Main Discharge & MH Rehab.	8"-15" CIPP lining	Shari Foster, Project Engr.	317.429.3985	\$ 364,585	Citizens Energy Group	Indianapolis, IN
Hilliard	OH	Jun-15	Jun-15	Lifestyle Communities	210' of 10" CIPP lining	Jesse Fry	614.405.8254	\$ 14,700	Lifestyle Communities	Columbus, OH
Baltimore	MD	Jun-15	Jun-15	Baltimore 905 Janssen Seals	Janssen Seals	Chris Bilak, Project Manager	410.235.0094	\$ 3,995	Spiniello Infrastructure Worldwide	Baltimore, MD
Coconut Creek	FL	Jun-15	Aug-15	Storm Lakewood East PO 140774	605' of 15"-25" CIPP lining	John Lukaszewicz, Supt.	954.448.9080	\$ 60,770	City of Coconut Creek, FL	Owner
Colorado Sprgs	CO	Jun-15	Dec-15	Stampede Drive CIPP	127' of 36" CIPP lining	Cole Platt, Program Supt.	719.385.6822	\$ 51,940	City of Colorado Springs, CO	Owner
Bristol	RI	Jun-15	Oct-15	Middletown Forest/Aquidneck Ave	1383' of 8"-12" CIPP lining	Ed O'Brien, Project Manager	401.253.9277	\$ 55,551	C.B.Utility, Bristol, RI	Owner
Winter Springs	FL	Jun-15	Sep-15	Sanitary PO2015-1638	5418' of 8"-15" CIPP lining	Kevin Monser, Meter Serv.	407.327.6567	\$ 196,660	City of Winter Springs, FL	Owner
Westminster	MD	Jun-15	Jul-15	Carroll Co. Release 4 Slacks/Liberty	876' of 8" UV lining	Cindy Miller, Project Mgr.	410.386.2181	\$ 41,870	Carroll Co. Government	Westminster, MD
Beltsville	MD	Jun-15	Dec-15	WSSC IDIQ 14 Task 14	1235' of 8"-24" CIPP lining	Ed Steele, Project Manager	301.206.4320	\$ 1,254,867	Washington Suburban Sanitary	Laurel, MD
Indianapolis	IN	Jun-15	Dec-15	Arbor Avenue Emergency Pipeline Rehab.	540' of 48" CIPP lining	Shari Foster, Project Engr.	317.429.3985	\$ 308,205	Citizens Energy Group	Indianapolis, IN

Layne Inliner, LLC 5-year Job List

Ft. Worth	TX	Jun-15	Jun-15	Water & Sewer Rehab Contract 86	1984' of 6"-12" CIPP lining	Chase Patterson, Owner	817.343.4792	\$ 86,424	PC Contractors, Llc	Ft. Worth, TX
Winter Park	FL	Jun-15	Aug-15	Winter Park MH Rehab 2015	Raven 405 140 VF	Robert Guest	407.599.3315	\$ 44,850	City of Winter Park, FL	Owner
Houston	TX	Jun-15	Jun-15	Sanitary Sewer Line Rehabilitation	308' of 8" CIPP lining	Joseph Nerie	281.996.5551	\$ 13,820	Harris Co. MUD #6, Houston, TX	A&S Engineers, Houston, TX
Indianapolis	IN	Jun-15	Sep-15	Morris St. & Warman Small Diameter Rehab.	182' of 12" CIPP lining	Shari Foster, Project Engr.	317.429.3985	\$ 22,714	Citizens Energy Group	Indianapolis, IN
Clearwater	FL	Jun-15	Sep-15	Storm 002064A Rel 8B	2758' of 15"-30" CIPP lining	Jeremy Waugh	727.464.4348	\$ 257,052	Pinellas County, FL	Clearwater, FL
Clermont	FL	Jun-15	Sep-15	Clermont 2015 PO 2015-0212	3627' of 8"-16" CIPP lining	Jerrone McLaren, Coll. Chief	352.241.0178	\$ 148,263	City of Clermont, FL	Owner
Casselberry	FL	Jun-15	Jun-16	Sanitary 2015 PO 072831	29555' of 8"-10" CIPP lining	Dave Lankford, Util. Infr. Supt	407.262.7725	\$ 922,343	City of Casselberry, FL	Owner
Jacksonville	FL	Jun-15	Jul-15	Wilson Interchange	296' of 18" CIPP lining	Eric Whittenbarger	407.542.8739	\$ 38,000	B&D Enterprises, Inc.	Winter Springs, FL
St. Petersburg	FL	Jun-15	Sep-15	Sanitary 2015 No. 15030-111	33500' of 8"-48" CIPP lining	Mark Laney, Const. Supt.	727.893.7671	\$ 1,870,000	City of St. Petersburg, FL	Owner
Dunedin	FL	Jun-15	Oct-15	Dunedin Storm 15-1047	5950' of 12"-48" CIPP lining	Keith Fogarty	727.298.3232	\$ 521,300	City of Dunedin, FL	Owner
Cocoa	FL	Jun-15	Sep-15	Storm PO 65630	1546' of 15"-36" CIP	Michael Giorgio Manager	321.433.8844	\$ 196,340	City of Cocoa, FL	Owner
Altamonte Spg	FL	Jun-15	Jul-15	Storm PO 61562	548' of 12"-24" CIPP lining	Danielle Marshall, Div. Dir.	407.571.8078	\$ 52,236	City of Altamonte Springs, FL	Owner
Dunwoody	GA	Jun-15	Jun-15	Hidden Branches 24" CIPP	173' of 24" CIPP lining	David Elliott, PM	678.382.6713	\$ 63,897	City of Dunwoody, GA	Owner
Orlando	FL	Jun-15	May-16	Storm Y14 Year 2 of 3	23545' of 15"-84" CIPP lining	John Schmidt, Sr. Cont.Admin	407.836.5635	\$ 3,556,260	Orange Co. Board of Commissioner	Orlando, FL
Union City	GA	Jun-15	Jun-15	Oakley Industrial 30" CIPP	300' of 30" CIPP	Danny Phillips, General Supt.	678.644.4068	\$ 52,800	Wade Coots, Hiram, GA	Owner
Big Island	VA	Jun-15	Jul-15	Sewer Line 2014	192' of 24" CIPP lining	James Thomas, Proj. Admin.	434.299.7303	\$ 67,400	GP Big Island, LLC	Big Island, VA
Pasco	FL	May-15	Jul-15	Annual Location 1	Clean/TV 65'	Efrain Figueroa, PM	727.834.3611	\$ 1,248	Pasco County, FL	Owner
Wilton Manors	FL	May-15	Jul-15	Wilton Manors PS 22-22" PO15-256	1007' of 21" CIPP lining	David Archacki, Dir. Of Utility	954.390.2190	\$ 101,061	City of Wilton Manors, FL	Owner
Wichita	KS	May-15	Oct-15	Phase B (CIPP) Project No. 468-4656	19823' of 8"-15" CIPP lining	Jeff Truhune, Project Engr.	316.268.4636	\$ 478,200	City of Wichita, KS	Owner
Sullivan's Islnd	SC	May-15	Jul-15	Sullivan's Island	1805' of 8"-10" CIPP lining	James Shelton, PE	484.688.0367	\$ 93,938	ARCADIS US Pennsylvania	King of Prussia, PA
Kinston	NC	May-15	Aug-15	City of Kinston - Westminster Lane	400' of 36" CIPP lining	Cecilia, Project Admin.	252.939.3237	\$ 79,000	City of Kinston, NC	Owner
Vandalia	OH	May-15	Sep-15	Webster St. Sanitary Sewer Lining	5852' of 12"-18" CIPP lining	Dave Hodgson	937.781.2640	\$ 886,392	Montgomery Co. Env. Services	Kettering, OH
Portsmouth	OH	May-15	Jul-15	Portsmouth OH WWTP	236' of 36" CIPP lining	Rick Duncan, Dir. Of WW	740.353.0241	\$ 97,340	City of Portsmouth, OH	Owner
Bartow	FL	May-15	Aug-15	Polk County - County Wide CIPP	624' of 24"-42" CIPP lining	Doug Gable	863.534.6757	\$ 198,341	Polk County, FL	Owner
LaGrange	WY	May-15	Jun-15	Sanitary Sewer Improvements	1682' of 8" CIPP lining	Lyman, Superintendent	435.676.2136	\$ 56,642	Perco Rock Co., Panguitch, UT	Owner
Columbus	OH	May-15	May-15	Vets Memorial 24" & 30" Storm Sewer Rehab.	424' of 24"-30" CIPP lining	Chris Winkle	614.942.6042	\$ 88,750	Gandee Heydinger Group	Westerville, OH
Clearwater	FL	May-15	Jul-15	Storm 001922AA Release 3A Clean	4328' of 15" to 42" Clean	John Linton, Sr. Engineer	727.464.4348	\$ 21,703	Pinellas County, FL	Owner
Boone	NC	May-15	Jul-15	Town of Boone - Hardin St.	265' of 8" CIPP lining	Kim Hayworth, Proj. Admin.	423.727.4483	\$ 27,375	Iron Mountain Const., Mt. City, TN	McGill Associates - Vann Waters
Auburn	ME	May-15	Jun-15	Davis Avenue Sewer Lining	1460' of 18" CIPP lining	John Storer, Superintendent	207.784.6969	\$ 109,600	Auburn Water & Sewerage, ME	Auburn, ME
Grove City	OH	May-15	Sep-15	2015 Sanitary Sewer Rehabilitation	14955' of 8"-15" CIPP lining	Mark Spears, Project Eng.	614.775.4565	\$ 791,450	City of Grove City, OH	EMH&T, Columbus, OH
Aspen	CO	May-15	Jun-15	2015 CIPP Rehabilitation Project	12841' of 6"-10" CIPP lining	Tom Bracewell, Supt.	970.925.3601	\$ 383,523	Aspen Consolidated Sanitation	Aspen, CO
Silver Springs	MD	May-15	Jan-16	WSSC IDIQ 14 Task 1	3716' of 8"-15" CIPP lining	Ed Steele, Project Manager	301.206.4320	\$ 2,122,672	WSSC, Laurel, MD	Owner
Venice	FL	May-15	Sep-15	Venice 24" Nassau St. PO 041034	676' of 24" CIPP lining	James Cinch, Stormwater Eng	941.486.2626	\$ 74,527	City of Venice, FL	Owner
Palm Beach	FL	May-15	Sep-15	Palm Beach Co. MUD Project No. 14-089	4144' of 16"-30" CIPP lining	Duane Palumbo, PM	561.493.6087	\$ 438,497	Palm Beach Co. Water Utilities	West Palm Beach, FL
White Springs	FL	May-15	Aug-15	Specialized Field Study 2015	32000' of 8"-12" CIPP lining	Bill Lawrence, Project Mgr.	386.397.2310	\$ 84,675	Town of White Springs, FL	Mittauer & Assc., Orange Park, FL
Deltona	FL	May-15	Aug-15	Deltona Storm PO 15395	1934' of 24"-48" CIPP lining	Joseph Walker, Stormwater	386.878.8100	\$ 200,000	City of Deltona, FL	Owner
Clearwater	FL	May-15	Aug-15	Storm 001922AA Rel. 2B	2375' of 15"-30" CIPP lining	John Linton	727.464.4348	\$ 207,518	Pinellas County	Clearwater, FL
Dayton	OH	May-15	May-15	Sanitary Siphon Impvts. Dayton, OH	2115' of 15"-24" CIPP lining	Drew O'Conner	513.482.3300	\$ 148,310	MCSP, Cincinnati, OH	City of Dayton, OH
Richmond	VA	May-15	Jun-15	Richmond Release 12	343' of 12" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 44,169	City of Richmond, VA	Owner
Marietta	SC	May-15	Jul-15	S. Forest Circle 8" CIPP	2166' of 8" CIPP lining	Billy Humphries, Director	864.836.6878	\$ 74,894	City of Marietta Water Authority	Marietta, SC
Plantation	FL	May-15	Jun-15	Planation - PO 19548	Clean & TV 300' of mainline	Charles Spencer, Util. Dir.	954.414.8899	\$ 2,000	City of Plantation, FL	Owner
Eden	NC	May-15	Jul-15	Eden-Upper Matrimony Creek Basin	4102' of 8"-10" CIPP lining	Mark Vernon, Proj. Admin	276.632.6308	\$ 140,257	Prillaman & Pace, Martinsville, VA	WK Dickson & Co., Raleigh, NC
Rockledge	FL	May-15	Jun-15	Sewer Rehabilitation	287' of 72" CIPP lining	Kenneth Poole, Public Works	321.690.3978	\$ 177,940	City of Rockledge, FL	Owner

Layne Inliner, LLC 5-year Job List

Mobile	AL	May-15	Dec-15	City Wide Drainage Rehab. 2015	2234' of 12"-42" CIPP lining	Reed Sheridan, CM	251.476.5002	\$ 727,599	Hughes Plumbing & Utility Contr.	Mobile, AL
Colorado Sprgs	CO	Apr-15	Dec-15	LCERP Task Order 64	11958' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 403,166	Colorado Springs Utilities	Colorado Springs, CO
Colorado Sprgs	CO	Apr-15	Dec-15	LCERP Task Order 63	741' of 6" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 319,378	Colorado Springs Utilities	Colorado Springs, CO
Udall	KS	Apr-15	Jun-15	Phase II Williams St. and K-15	696' of 8" CIPP lining	Mark Dohrer, Project Mgr.	316.945.0555	\$ 22,272	Dondlinger & Sons Construction	Udall, KS
Waltham	MA	Apr-15	Oct-15	Waltham Sewer Rehabilitation	14210' of 6"-12" CIPP lining	Russell Corner, PM	508.559.6400	\$ 472,720	D'Alessandro Corp., Avon, MA	Waltham Water & Sewer Div., MA
Silver Springs	MD	Apr-15	Sep-15	WSSC IDIQ 16 Task 8	2196' of 8" CIPP lining	Mark Brown, Project Mgr.	301.206.7316	\$ 1,207,863	WSSC, Laurel, MD	Owner
Clearwater	FL	Apr-15	Jul-15	Clean & TV Storm 002064A Rel 8A	Clean & TV 6629' of 15"-42" CIPP	Jeremy Waugh	727.464.4348	\$ 32,290	Pinellas County, FL	Owner
Gahanna	OH	Apr-15	Jun-15	2014 Sanitary Sewer Rehabilitation Project	5400' of 8"-18" CIPP lining	Jeff Feltz, Water Resource	614.342.4005	\$ 208,988	City of Gahanna, OH	Owner
Atlanta	GA	Apr-15	May-15	Briarlake Catch Basin Replacement	Demo & Replace 2 existing basins	Dwayne White, PM	770.414.2363	\$ 3,900	DeKalb County, Stone Mountain	Owner
Deltona	FL	Apr-15	Jun-15	Deltona Sanitary 2015	2857' of 8" CIPP lining	Jeff Elder	386.878.8100	\$ 100,000	City of Deltona, FL	Owner
Denver	CO	Apr-15	May-15	2015 Sanitary Sewer Main CIPP lining	2945' of 8" CIPP lining	Rich Cassens, PE	303.670.1406	\$ 71,790	Holly Hill Water, Lakewood, CO	ENS Consulting, Lakewood, CO
Bethesda	MD	Apr-15	May-15	WSSC IDIQ 1 Task 29	Pipe burst of 264'	Mark Brown, Project Mgr.	301.206.7316	\$ 152,466	Washington Suburban Sanitary	Laurel, MD
Jupiter	FL	Apr-15	May-15	Jupiter - Center Road for LMK Pipe	1.0' of 6" lateral	John Rinehart, Project Admin.	954.977.4211	\$ 2,000	LMK Pipe Renewal, Inc.	Ft. Lauderdale, FL
Knoxville	TN	Apr-15	Sep-15	WKUD Portland 9D	36900' of 8"-12" CIPP lining	Larry Pittler, Project Manager	615.325.3374	\$ 1,165,100	Portland Utilities, TN	West Knox Utility District, Knoxville, TN
Knoxville	TN	Apr-15	Jun-15	Downtown State Street, Phase II	1837' of 8"-15" CIPP lining	Trent Roswell, PM	615.330.3287	\$ 162,305	Garney Construction Co.	Kansas City, MO
Cheney	KS	Apr-15	May-15	Sanitary Sewer Rehabilitation Phase 1	15350' of 8" CIPP lining	Randall Oliver, PE	316.542.3622	\$ 423,650	City of Cheney, KS	Schwab Eaton, Wichita, KS
Oak Ridge	TN	Apr-15	May-15	Oak Ridge E-IV/CIPP	5550' of 8"-10" CIPP lining	Tracy Green, Project Mgr.	423.519.2325	\$ 199,925	City of Oak Ridge, TN	Sub to Morgan Contracting, Knoxville, TN
Trinidad	CO	Apr-15	Apr-15	Commercial Street Development	742' of 15" CIPP lining	Glenn Moltrier, Owner	719.846.8449	\$ 38,584	Purgatoire Valley Construction	Trinidad, CO
Richmond	VA	Apr-15	May-15	Release 11 Richmond	Sewer Cleaning of 10"-36" pipes	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 12,296	City of Richmond, VA	Owner
Dayton	OH	Apr-15	May-15	NCR/UD Sanitary Siphon Improvements	1100' of 24" CIPP lining	Corey Kinnison, Sr. Engineer	937.333.3725	\$ 365,963	City of Dayton, OH	Owner
Columbus	GA	Apr-15	Apr-16	Sewer Rehab Contract A	27500' of 8"-42" CIPP lining	Ben Adams, PE	706.321.4590	\$ 3,145,032	Columbus Water Works, GA	Barge Waggoner Sumner, Columbus, GA
St. Petersburg	FL	Apr-15	Mar-16	Roser Park Sanitary Sewer Improvements	2694' of 24"-42" CIPP lining	Mark Laney, Const. Superv.	727.893.7671	\$ 927,636	City of St. Petersburg, FL	Owner
Knoxville	TN	Apr-15	May-15	KUB 06B3	1050' of 8"-10" CIPP lining	Tracy Green, Project Mgr.	423.519.2325	\$ 67,250	Knoxville Utilities Board, TN	Sub to Morgan Contracting, Inc.
Westminster	CO	Apr-15	May-15	Hyland Village Sewer Lining	310' of 8" CIPP lining	Davis Reinhart, Principal	303.534.1237	\$ 13,020	Edifice, Denver, CO	Owner
Denver	CO	Apr-15	Apr-15	2015 Sanitary Sewer Improvements	745' of 8" CIPP lining	Bill King, Owner	303.287.4900	\$ 21,588	Levi Contractors, Henderson, CO	Merrick & Co., Denver, CO
Sandy Springs	GA	Apr-15	May-15	Saddleview Run Stormwater Rehab.	Sub to repair drop inlet to mainline	Phillip Walker, Proj. Coord.	770.206.2553	\$ 16,000	City of Sandy Springs, GA	Owner
Tampa	FL	Apr-15	Jun-15	Tampa-Emergency 18" at Tampa Airport	36' pf 18" CIPP lining	Jeffrey Taylor	813.274.8456	\$ 22,200	City of Tampa, FL	Owner
Wheat Ridge	CO	Apr-15	May-15	Miller St. Sewer Upsizing	1417' of 15" CIPP lining	Levi Lowell, Project Mgr.	303.688.2330	\$ 53,846	T. Lowell Construction Inc.	Castle Rock, CO
Lyons	KS	Apr-15	Jun-15	Lyons Municipal Sewer Line Project 2015	1026' of 10" CIPP lining	Brian Vagts, Utility Supt.	620.257.2320	\$ 33,358	City of Lyons, KS	Owner
Raleigh	NC	Apr-15	Apr-15	Chic-Fil-A - The Civil Group	237' of 8" CIPP lining	Keith Holloway, Proj. Mgr.	919.436.4095	\$ 34,625	The Civil Group	Raleigh, NC
Pinellas Park	FL	Apr-15	Jul-15	Pinellas Park Storm 2015	370' of 18"-24" CIPP lining	Brent Perkey, Director	727.541.0700	\$ 32,900	City of Pinellas Park, FL	Owner
Ft. Wayne	IN	Apr-15	Oct-15	2015 CIPP Pkg. 3 - Medium & Small Diameter	80531' of 8"-36" CIPP lining	Eric Steinman, PE	260.427.2689	\$ 3,235,764	City of Fort Wayne, IN.	Owner
Duluth	GA	Apr-15	Apr-15	River Summit Trail Storm	362' of 36" CIPP lining	Melissa Muscato, City Engr.	678.957.7284	\$ 99,983	City of Duluth, GA	Owner
Colorado Sprgs	CO	Apr-15	Dec-15	Task Order 62	8748' of 6"-8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 300,233	Colorado Springs Utilities	Colorado Springs, CO
Houston	TX	Mar-15	Mar-15	Reytec-Wallisville Road	101' of 12" CIPP lining	Roberto Sanchez, PM	713.957.4003	\$ 8,585	Reytec Construction Resources	Houston, TX
Charlotte	NC	Mar-15	Apr-15	Charlotte Storm - Cavonnier Lane	180' of 36" CIPP lining	Mark Braswell, Proj. Admin.	704.441.4777	\$ 44,190	OnSite Development	Charlotte, NC
Richmond	VA	Mar-15	Aug-15	Richmond Release 10	4947' of 12"-36" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 1,033,207	City of Richmond, VA	Owner
St. Petersburg	FL	Mar-15	Mar-16	St. Petersburg Storm 2015 Year 2	1184' of 12"-72" CIPP lining	Mark Laney, Const. Supt.	727.893.7671	\$ 220,000	City of St. Petersburg, FL	Owner
Auburn	ME	Mar-15	Apr-15	Broad Stret	1860' of 10"-15" CIPP lining	Sid Hazelton, District Engr.	207.784.6969	\$ 93,210	Auburn Water & Sewerage, ME	Owner

Layne Inliner, LLC 5-year Job List

Memphis	TN	Mar-15	May-16	CIPP 15, 24, & 30" CIPP 5 Areas SWO2133	11670' of 15"-30" CIPP lining	Scott Morgan, PE	901.576.7125	\$ 2,334,308	City of Memphis, TN	Owner
Charlotte	NC	Mar-15	Apr-15	Charlotte Storm - Brantford Drive	199' of 24" CIPP lining	Mark Braswell, Proj. Admin.	704.441.4777	\$ 37,810	OnSite Development	Charlotte, NC
Charlotte	NC	Mar-15	Apr-15	Charlotte Storm - Cooper Drive	244' of 36" CIPP lining	Mark Braswell, Proj. Admin.	704.507.6652	\$ 70,760	OnSite Development	Charlotte, NC
Derby	KS	Mar-15	Jul-15	Derby CIPP 2015	18000' of 8" CIPP lining	Carl Rose, Superintendent	316.788.1519	\$ 421,200	City of Derby, KS	Owner
Knoxville	TN	Mar-15	Mar-15	Downtown State St. Phase 1	510' of 8" CIPP lining	Trent Roswell, PM	615.330.3287	\$ 30,320	Garney Construction Co.	Kansas City, MO
Charlotte	NC	Mar-15	Apr-15	Storm Bonlyn Drive - Charlotte	84' of 18" CIPP lining	Mark Braswell, Proj. Admin.	704.507.6652	\$ 18,900	OnSite Development	Charlotte, NC
Arcadia	FL	Mar-15	May-15	Arcadia Bridal Path	1056' of 8" CIPP lining	Delroy Saunders	863.993.3660	\$ 58,375	Consolidated Production Groups	Arcadia, FL
North Port	FL	Mar-15	May-15	North Port-Biscayne Pickwick PO046308	308' of 36" CIPP lining	Lynn Banish	941.429.7170	\$ 72,800	City of North Port, FL	Owner
Longboat Key	FL	Mar-15	May-15	Longboat Key Rehab. LS 8F - Danus	55' of 12" CIPP lining	Dan Pardus	386.233.5588	\$ 11,550	Danus Utilities	Port Orange, FL
Hialeah	FL	Mar-15	Jun-15	Hialeah 2015 PS 56	1852' of 8"-12" CIPP lining	Ethan Heijn, Project Manager	954.987.0066	\$ 73,225	City of Hialeah, FL	Hazen & Sawyer, Hollywood, FL
N. Lauderdale	FL	Mar-15	Jul-15	Lift Station 9 & Kimerly Blvd.	7443' of 8" CIPP lining	George Krawczyk, Proj. Mgr.	954.722.0900	\$ 250,000	City of North Lauderdale, FL	Owner
Central	SC	Mar-15	Jun-15	Sewer Improvements - Central, SC	5064' of 8"-12" CIPP lining	Shannon Hudson, Proj. Admin	864.338.0888	\$ 248,447	Don Moorehead Construction	Belton, SC
Boston	MA	Mar-15	Sep-15	BWSC 13-308-001 for R/V Const.	325' of 28"x40" CIPP	Querino Pacella, VP	781.821.1469	\$ 79,500	R/V Constr. Corp., Canton, MA	Boston Water & Sewer Commission
Sanford	FL	Mar-15	May-15	Seminole Co. Waverly Dr. Culvert-Prime	227' of 54" CIPP lining	Chase Brackett, PM	407.856.8180	\$ 116,224	Prime Construction Group Inc	Orlando, FL
Lakeland	FL	Mar-15	Jun-15	Lakeland Skyview Utilities - Layne Heavy	16500' of 8" CIPP lining	Darrin Lindsay, PM	865.212.2355	\$ 696,840	Layne Heavy Civil, Inc.	Jacksonville, FL
Sandy Springs	GA	Mar-15	Mar-15	Winterthur Dr. Stormwater	182' of 24"-30" CIPP lining	Phillip Walker, Proj. Coord.	770.206.2553	\$ 60,883	City of Sandy Springs, GA	GA
Sandy Springs	GA	Mar-15	Mar-15	Angus Trail Stormwater Rehab.	Repair Catch Basin	Phillip Walker, Proj. Coord.	770.206.2553	\$ 30,000	City of Sandy Springs, GA	Owner
Tampa	FL	Mar-15	May-15	Tampa-Emergency Line on Horatio	338' of 18" CIPP lining	Sharon Morgan	813.274.8456	\$ 41,570	City of Tampa, FL	Owner
Evansville	IN	Mar-15	Feb-16	2015 Annual Sewer Lining & MH Rehabilitation	27078' of 8"-27" CIPP lining	Ryan Meyer, Sewer Engineer	812.421.2120	\$ 1,759,584	Evansville Water & Sewer Utility	Owner
Salt Lake City	UT	Mar-15	Mar-15	I-80 Culvert Lining	180' of 24" CIPP lining	Jodie Lierd, Admin. Asst.	801.554.4747	\$ 20,700	Dennis Lierd II Construction, Inc.	Lehi, UT
Orlando	FL	Mar-15	Mar-15	Orlando Rapid Response-Palmer & Roberts	245' of 10" CIPP lining	Jim Cunningham, President	407.359.5531	\$ 18,475	C.E.James, Inc., Ovideo, FL	Owner
Charlotte	NC	Mar-15	Mar-15	Willow Court Storm	204' of 24" CIPP lining	Richard Haffner, Project Adm.	863.471.5141	\$ 31,620	OnSite Development	Charlotte, NC
Charlotte	NC	Mar-15	Mar-15	Riva Ridge Storm Charlotte	452' of 18"-24" CIPP lining	Richard Haffner, Project Adm.	863.471.5141	\$ 81,060	OnSite Development	Charlotte, NC
Peru	IN	Mar-15	Jun-15	INDOT R-35722-A Pipe Lining 24 Various	2320' of 46"-48" CIPP lining	Jason Spreen, Dist. Const.Eng.	260.484.9541	\$ 930,575	INDOT, Indianapolis, IN	Owner
Richmond	VA	Mar-15	Mar-15	Harlan Circle Lining	31' of 8" CIPP lining	Rick Williams, PM	804.400.8039	\$ 9,000	C. T. Purcell, Inc.	Montpelier, VA
Seminole	FL	Mar-15	Sep-15	Storm Clean/CCTV Year 1	Clean & TV 12"-30" sewer lines	Mark Flomerfelt, PE	407.665.5673	\$ 703,026	Seminole County, FL	Owner
Punta Gorda	FL	Mar-15	Jul-15	Charlotte Co. Storm PO 2015001253	1808' of 15"-72" CIPP lining	Randy Vowell, Contr.Spec.	941.575.3680	\$ 282,936	Charlotte Co. Public Works	Punta Gorda, FL
Asheville	NC	Mar-15	Mar-15	Windsor Road	149' of 18"-24" CIPP lining	Connie, Project Administrator	828.259.5950	\$ 25,710	City of Asheville, NC	Owner
Colorado Sprgs	CO	Mar-15	Dec-15	Task Order 61	10743' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 349,083	Colorado Springs Utilities	Colorado Springs, CO
Bethesda	MD	Mar-15	Nov-15	WSSC IDIQ 18 Task 12	1627' of 8"-24" CIPP lining	David Tomich, PM	301.206.7339	\$ 1,362,908	Washington Suburban Sanitary	Laurel, MD
Plantation	FL	Mar-15	Apr-15	Planation - PO 19034	240' of 8" CIPP lining	Charles Spencer, Purch. Mgr.	954.414.8899	\$ 13,420	City of Planation, FL	Owner
Colorado Sprgs	CO	Feb-15	Mar-15	Academy W&S District 2015 CIPP Rehab.	1190' of 8" CIPP lining	Patrick Carrol, VP	303.688.2166	\$ 30,940	DRC Construction Services	Sedalia, CO
Oakland City	IN	Feb-15	Mar-15	Franklin Street 24" CIPP	290' of 24" CIPP lining	Tim Dyer, WW Plant Supt.	812.664.8882	\$ 44,375	City of Oakland City, IN.	Owner
Proctor	WV	Feb-15	Apr-15	Natrium Plant Sewer CCTV Inspection	Perform CCTV/Inspection sewers	Andy Siler, Mgr. Proj. Engr.	304.455.2200	\$ 27,950	Axiall Corporation	Proctor, WV
Westminster	CO	Feb-15	Apr-15	2014 WW Collection System CIPP Lining	11963' of 8"-12" CIPP lining	Robert Booze	303.658.2540	\$ 355,514	City of Westminster, CO	Owner
Oklahoma City	OK	Feb-15	Feb-15	St. Anthony Hospital Pavillion	87' of 12" CIPP lining	Chris Rapp, Project Supt.	405.415.7100	\$ 26,400	Turner Construction	Oklahoma City, OK
Margate	FL	Feb-15	May-15	PO 150747 Margate Blvd.	375' of 15" CIPP lining	Samual May, Public Works	954.972.8126	\$ 33,100	City of Margate, FL	Owner
Richmond	VA	Feb-15	Aug-15	Richmond Release 9	340' of 24"-30" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 498,935	City of Richmond, VA	Owner
Clearwater	FL	Feb-15	Feb-16	Sewer Clean/TV YR 1 & 2 of 4	529000' pf 8"-36" Clean/TV	Roger Johnson, Engr. Spec.	727.562.4592	\$ 840,000	City of Clearwater, FL	Owner
Montgomery	AL	Feb-15	Aug-15	Old Catoma Interceptor Crossing CIPP	1710' of 48"-66" CIPP lining	Tim Logiatatos, PE	334.206.1625	\$ 890,697	City of Montgomery, AL	KREBS Engr., Montgomery, AL
Lithonia	GA	Feb-15	Aug-15	Water & Sewer Main Installation	Water & Sewer Install	Dwayne White, PM	770.414.2363	\$ 876,500	DeKalb Co. Watershed Mgmt.	Decatur, GA

Layne Inliner, LLC 5-year Job List

Peru	IN	Feb-15	Apr-15	Water St. Trunk Line Sewer Lining Project	2275' of 30" CIPP lining	Jamin Beisiegel, Coordinator	765.473.7651	\$ 286,440	Peru Utilities, Peru, IN.	Owner
Denver	CO	Feb-15	Feb-15	Hi-Lin Sanitation 2014 CIPP Project	410' of 8" CIPP lining	Patrick Carroll, VP	303.688.2166	\$ 11,480	DRC Construction Services	Sedalia, CO
Palmer Lake	CO	Feb-15	Feb-15	Epworth Hwy. to Outfall at Creek Crossing	213' of 10" CIPP lining	Becky Orcutt, District Mgr.	719.481.2732	\$ 13,845	Palmer Lake Sanitation, CO	GMS, Inc., Colorado Springs, CO
Mt. Dora	FL	Feb-15	Mar-15	Mt. Dora PO 45577 10" lining	974' of 10" CIPP lining	Chip Ouellette	352.735.7176	\$ 37,120	City of Mount Dora, FL	Owner
Panama City	FL	Feb-15	Apr-15	Bay County Storm	365' of 18"-48" CIPP lining	Brian Bloomfield, Engr.	850.248.8301	\$ 169,825	Bay County, FL	Owner
Oviedo	FL	Feb-15	Mar-15	Oviedo Storm PO 150257	248' of 30" CIPP lining	David Waller, Ops Mgr.	407.971.5667	\$ 29,512	City of Oviedo, FL	Owner
Coconut Creek	FL	Feb-15	Apr-15	15" & 30" Storm Pipes	327' of 15"-30" CIPP lining	John Lukaszewicz, Supt.	954.448.9080	\$ 34,365	City of Coconut Creek, FL	Owner
Port Richey	FL	Feb-15	Apr-15	Carolyn Drive Stormwater Pipe	118' of 30" CIPP lining	Francine Vandenkooy	727.816.1900	\$ 23,600	City of Port Richey, FL	Owner
Largo	FL	Feb-15	Mar-15	Largo - 8th Ave Wetwell Cleaning	Clean Wetwell	Tim Calvit, Project Manager	727.587.6713	\$ 7,500	City of Largo, FL	Owner
Tampa	FL	Feb-15	Apr-15	Tampa - CO - Azele & Cedar	638' of 8" CIPP lining	Sharon Morgan	813.274.8456	\$ 43,551	City of Tampa, FL	Owner
Raleigh	NC	Feb-15	Feb-15	Lincolnton, NC - McDonald's	6" TV/Clean	Cheryl Honeycutt, Proj. Adm.	919.326.6264	\$ 5,900	McDonald's USA, Raleigh, NC	Owner
Oak Ridge	TN	Feb-15	Feb-15	Bus Terminal Road	3460' of 8"-10" CIPP lining	James Horton, Owner		\$ 7,500	James W. Horton	Oak Ridge, TN
Nashville	TN	Feb-15	Jan-16	Shelby Park Rehab Area 3 - Greenland Ave.	48350' of 8"-15" CIPP lining	Kevin Covett, PE	615.806.6562	\$ 5,718,975	Metropolitan Govnt. Of Nashville	CH2M Hill, Nashville, TN.
Orange	FL	Feb-15	Feb-15	Orlando Emergency Rapid Response	359' of 8" CIPP lining	Matt Blanton, President	407.629.2900	\$ 29,386	Cathcart Construction Co.	Winter Springs, FL
Indianapolis	IN	Feb-15	Feb-15	Lafayette Road & 34th St. 42" CIPP	230' of 42" CIPP lining	Roger Hanas, Project Engr.	317.429.3985	\$ 62,197	Citizens Energy, Indianapolis, IN	Wessler Engineering, Indianapolis, IN.
Ridgefield	CT	Feb-15	Mar-15	East Ridge Road	246' of 8" CIPP lining	Michael Taylor, VP	203.431.0143	\$ 21,500	Ridgefield Construction Corp.	Ridgefield, CT
Wilton Manors	FL	Feb-15	Apr-15	PO 15-237 NW 12th Avenue	110' of 20" CIPP lining	David Archacki, Dir. Of Utility	954.390.2190	\$ 13,903	City of Wilton Manors, FL	Owner
Laurel	MD	Feb-15	May-15	WSSC IDIQ 18 Task 5	1359' of 8" CIPP lining	David Tomich, PM	301.206.7339	\$ 551,718	Washington Suburban Sanitary	Laurel, MD
Dorchester	MD	Feb-15	Jun-15	BWSC 12-308-007 - K & K	3815' of 10"-30" CIPP lining	Jack Kennedy, President	617.260.0400	\$ 229,655	Boston Water & Sewer, Boston, MA	Sub to K&K Excavating, Milton, MA
Roswell	GA	Feb-15	Mar-15	Northcliffe Road CCCP	CCCP of 2 pipes 60" and 72"	Sam Bennett, Project Spec.	770.641.3747	\$ 265,404	City of Roswell, GA	Owner
Miami-Dade	FL	Feb-15	May-15	Miami River 48" Siphon Crossing	Pipe Plug Installation	Robert Emfinger	888.879.0525	\$ 31,000	Urrettek Holdings, Inc.	Newman, GA
Longboat Key	FL	Feb-15	Apr-15	Rehab LS 9C for Danus Utilities	18' of 8" CIPP lining	Dan Pardus	386.233.5588	\$ 12,500	Danus Utilities	Port Orange, FL
Orlando	FL	Feb-15	Dec-15	Orlando Storm 2015 Yr. 1 of 5	6099' of 12"-84" CIPP lining	Silvia Costa, Purchasing Agt.	407.246.2291	\$ 849,923	City of Orlando, FL	Owner
Knoxville	TN	Feb-15	Jul-15	Hallsdale-Powell Phase III, Contract 1	25945' of 6"-24" CIPP lining	Tracy Green, Project Mgr.	423.519.2325	\$ 1,028,585	Hallsdale-Powell, Knoxville, TN.	Inliner sub to Morgan Contracting
Madiera Beach	FL	Feb-15	Apr-15	Madiera Beach CIPP - Caladesi Const.	251' of 12"-15" CIPP lining	Don Hinrichs	727.585.9945	\$ 19,943	Caladesi Construction	Largo, FL
Maryville	TN	Jan-15	Mar-15	Maryville-Browns Creek	3145' of 12" CIPP lining	Vince Bayles, Project Mgr.	865.249.8646	\$ 132,590	City of Maryville, TN	Inliner sub to Morgan Contracting
College Park	GA	Jan-15	Mar-15	Camp Creek Sewer Rehab. Phase 1	1100' of 6"-8" CIPP lining	David Hess, PE	770.263.7234	\$ 55,295	Site Engineering, Atlanta, GA	Owner
Sarasota Co.	FL	Jan-15	May-15	Contract C Release 10	878' of 24"-30" CIPP lining	Jason Brown	941.861.0930	\$ 97,583	Sarasota County, FL	Owner
Rockville	MD	Jan-15	Oct-15	WSSC IDIQ 12 Task 7	4003' of 8"-48" CIPP lining	Dave Tomich, Project Mgr.	301.206.7339	\$ 3,404,082	WSSC, Laurel, MD	Owner
Knoxville	TN	Jan-15	Jul-15	Hurst - KUB 22A2	3050' of 8"-15" CIPP lining	Greg Stump, Project Manager	931.206.4437	\$ 196,650	Hurst Excavating, Knoxville, TN.	Inliner sub to Hurst Excavating
Oldsmar	FL	Jan-15	May-15	2015 Sanitary Sewer Lining	2818' of 8" CIPP lining	Charles Lee, Project Manager	813.749.1229	\$ 100,000	City of Oldsmar, FL	Owner
Dunwoody	GA	Jan-15	Mar-15	Standby Stormwater Repair	283' of 18"-36" CIPP lining	John Gates, Project Manager	678.382.6713	\$ 72,807	City of Dunwoody, GA	Owner
Laurel	MD	Jan-15	Dec-15	WSSC IDIQ 11 Task 1	15298' of 8"-21" CIPP lining	Vince Jones, Project Mgr.	301.206.7339	\$ 4,017,916	Washington Suburban Sanitary	Laurel, MD
Orlando	FL	Jan-15	Feb-15	K-Mart & Meadow Woods Pump Station	245' of 8"-15" CIPP lining	Erik Anderson, PM	407.321.8410	\$ 33,945	Wharton-Smith, Sanford, FL	Owner
Rockport	IN	Jan-15	Jan-15	AK Steel Corp - 36" CIPP	176' of 36" CIPP lining	Dirk Hummel, Inf. Area Lead	812.362.6079	\$ 66,880	AK Steel Corporation	Rockport, IN
Wichita	KS	Jan-15	Apr-15	2014 Sewer Rehab. Phase F (CIPP)	13399' of 8" CIPP lining	Jeff Truhune, Project Engr.	316.268.4636	\$ 323,977	City of Wichita, KS	Owner
Miami-Dade	FL	Jan-15	Feb-15	Ponce & Bird 24" CIPP lining	1584' of 24" CIPP lining	Eric Seminara, Project Mgr.	954.977.4211	\$ 19,789	Current Builders	Pompano Beach, FL
Marietta	GA	Jan-15	Oct-15	FY 15 Sanitary Sewer Rehab. Phase 1	12123' of 10"-36" CIPP lining	Adam Turner, PM	770.423.1000	\$ 3,046,805	Cobb County Water System	Marietta, GA
Laurel	MD	Jan-15	Oct-15	WSSC IDIQ 17 Task 7	11952' of 8"-24" CIPP lining	Josh Arnett, Project Mgr.	301.206.7339	\$ 2,915,858	WSSC, Laurel, MD	Owner
Duluth	GA	Jan-15	Feb-15	Highbrooke Trail Storm Water Project	100' of 30" CIPP lining	Melissa Muscato, City Engr.	678.957.7284	\$ 35,557	City of Duluth, GA	Owner
Charlotte	NC	Jan-15	Jan-15	Woodleigh Oaks Drive	182' of 30" CIPP lining	Connie, Project Administrator	863.471.5141	\$ 35,172	OnSite Development	Charlotte, NC
Rockville	MD	Jan-15	May-15	WSSC IDIQ 12 Task 21	4340' of 8"-48" CIPP lining	Dave Tomich, Project Mgr.	301.206.7339	\$ 2,074,360	WSSC, Laurel, MD	Owner
Tampa	FL	Jan-15	Aug-15	MH & Line Cleaning HRS 3 & 4 of 4	Cleaning of Sewer Lines	Dale Dunson	813.272.5790	\$ 827,792	Hillsborough County, FL	Owner
St. Mary's	KS	Jan-15	Jan-15	2014 CIPP Project	1971' of 8" CIPP lining	Tim Williams, WW Supt.	785.437.2311	\$ 55,188	City of St. Mary's, KS	Owner
Bethesda	MD	Jan-15	May-15	WSSC IDIQ 13 Task 19 - Ross Contr.	4219' of 8"-20" CIPP lining	Patrick Brennan, Project Mgr.	301.831.5500	\$ 486,868	Ross Contracting, Inc.	Mount Airy, MD

Layne Inliner, LLC 5-year Job List

Sugar Land	TX	Jan-15	Jan-15	Brookstone Storm Sewer Rehabilitation	45' of 12" CIPP lining	Travis Kirby, Project Mgr.	713.683.8800	\$ 7,500	Brookstone, Houston, TX	Owner
Clearwater	FL	Jan-15	Mar-15	Pinellas Co. Storm 001922AA Release 2	Clean & TV 15"-21"	John Linton	727.464.4348	\$ 11,800	Pinellas County	Clearwater, FL
Princeton	NJ	Jan-15	Apr-15	Laurel Circle Rehab. Top Line Construction	1725' of 8" CIPP lining	Mark Castela, VP	908.231.7570	\$ 89,650	Top Line Construction Corp	Princeton Sewer Operating Committee
Ft. Pierce	FL	Jan-15	Mar-15	St. Lucie County	42' of 84" CIPP lining	Melissa Simberlund	772.462.1700	\$ 120,390	St. Lucie County, Ft. Pierce, FL	Owner
Germantown	MD	Jan-15	Sep-15	Ross Contracting-WSSC IDIQ 19 Task 3	7298' of 8"-33" CIPP lining	Patrick Brennan, Project Mgr.	301.831.5500	\$ 1,012,891	Ross Contracting, Inc.	Mount Airy, MD
Albuquerque	NM	Jan-15	Jan-15	SNL Building Sanitary Sewer Rehabilitation	705' of 6"-8" CIPP lining	Nancy Kerr, Project Manager	505.559.2590	\$ 33,680	B & D Industries, Albuquerque, NM	Owner
Greensboro	NC	Jan-15	Jan-16	Greensboro Contract 2012-95	15000' of 8"-12" CIPP lining	Jeff Greene, PE	828.757.0006	\$ 500,000	KRG Utility, Inc., Lenoir, NC	Owner
Sugar Land	TX	Jan-15	Nov-15	Critical Line Rehab. Project B	30565' of 8"-36" CIPP lining	Jose Velasquez, PE	713.400.2755	\$ 2,940,944	City of Sugar Land, TX	ARCK Engineers
Clearwater	FL	Jan-15	Mar-15	Storm 002064A Rel 3, 4 & 5	3653' of 18"-42" Storm CIPP lining	Jeremy Waugh	727.464.4348	\$ 524,789	Pinellas County, FL	Owner
Mobile	AL	Jan-15	Jan-16	2015 Annual Large Diameter CIPP Contract	10740' of 16"-54" CIPP lining	William Wilkerson, PE	251.476.4720	\$ 2,527,475	City of Mobile, AL	McCrory Williams, Mobile, AL
Laurel	MD	Dec-14	Dec-15	WSSC IDIQ 12 Task 8	8091' of 8"-48" CIPP lining	Dave Tomich, Project Mgr.	301.206.7339	\$ 5,991,900	WSSC, Laurel, MD	Owner
Tonawanda	NY	Dec-14	Apr-15	City of Tonawanda Phase 3 - Kandey Co.	7800' of 8"-10" CIPP lining	Richard Szucs, JR, Proj. Mgr.	716.675.7245	\$ 243,650	Kandey Co., Inc., W. Seneca, NH	City of Tonawanda, NY
Aurora	CO	Dec-14	Dec-14	2914 CIPP Project	859' of 10"-12" CIPP lining	Chris Douglas, Proj. Supt.	303.693.3800	\$ 44,865	East Cherry Creek Valley Water	Kennedy/Jenks Const., Lakewood, CO
Anniston	AL	Dec-14	Dec-14	Eastman Chemical Co. CCTV	CCTV	Alan Robertson, Buyer	256.231.8505	\$ 6,000	Solutia, Inc.	Anniston, AL
Commerce	CO	Dec-14	Dec-14	2014 Sanitary Sewer Rehabilitation	1410' of 15" CIPP lining	Joyce Dechant, Admin. Asst.	303.429.5770	\$ 98,700	North Pecos Water & Sanitation	Denver, CO
Sugar Grove	OH	Dec-14	Dec-14	23" Lake Drain Rehabilitation	122' of 24" CIPP lining	Danny Dew, President	740.746.8518	\$ 33,500	Anglers Paradise	Sugar Creek, OH
Circleville	OH	Dec-14	Dec-14	15" & 30" Process/Storm Line Dupont	80' of 15"-30" CIPP lining	Dean Ferrante	800.267.9810	\$ 50,250	Evanco Environmental Technology	Chester, VA
Ft. Collins	CO	Dec-14	Dec-14	Lindenmeier Irrigation Pipe Project	172' of 18" CIPP lining	Andrew Gingrich, Proj. Mgr.	970.221.6232	\$ 12,040	City of Fort Collins, CO	Owner
Santa Fe	NM	Dec-14	Mar-15	Rufina St. CIPP Project #949	20835' of 18"-30" CIPP lining	Larry Henderson, Project Mgr	505.469.4415	\$ 1,391,250	Sasquatch, Inc., Santa Fe, NM	Owner
N. Port Richey	FL	Dec-14	Jun-15	Sewer Gravity Lining 2015	7817' of 8"-10" CIPP lining	Dominic Bellezza	727.841.4546	\$ 300,000	City of New Port Richey, FL	Owner
Warwick	RI	Dec-14	Apr-15	I-95 Drainage Repairs - West Warwick	918' of 12"-30" CIPP lining	Bob Swenson, Engr. Asst.	401.739.8300	\$ 86,128	Cardi Corp, Warwick, RI	Vanasse Hangen Brustin, Providence, RI
Framingham	MA	Dec-14	Mar-15	Speed Street - DeFelice	790' of 24" CIPP lining	Stewart McCormack, PM	978.452.6967	\$ 84,000	DeFelice Corp - Dracut, MA	Beta Group, Lincoln, RI
Colorado Sprgs	CO	Dec-14	Dec-14	E. Platte Avenue	55' of 27" CIPP lining	Rick Reiken, Project Manager	303.287.7700	\$ 30,250	Layne Heavy Civil, Colorado Sprgs.	Dewberry
Dublin	OH	Dec-14	May-15	2014 Sanitary Sewer Rehabilitation	38332' of 8"-42" CIPP lining	Todd Garwick, City Engineer	614.410.4600	\$ 1,993,485	City of Dublin, OH	Owner
Oak Ridge	TN	Dec-14	Jan-15	Oak Ridge Y12 CIPP E-IV	3460' of 8"-10" CIPP lining	Greg Stump, Project Manager	931.206.4437	\$ 118,480	City of Oak Ridge, TN.	Sub to Morgan Contracting, Knoxville, TN
Taylorsville	UT	Dec-14	Jan-15	2014-2015 CIPP Sewer Rehabilitation	4689' of 8"-36" CIPP lining	Kevin Fenn, Asst. Gen. Mgr.	801.968.9081	\$ 730,000	Taylorsville-Bennion Impvt. Dist.	Taylorsville, UT
Colorado Sprgs	CO	Dec-14	Jan-15	Stratmoor Hills Water - Sanitary Sewer Line	736' of 8" CIPP lining	Joe Frei, Owner	719.237.6630	\$ 23,552	Joe Frei Excavating, Inc.	Colorado Springs, CO
Biddeford	ME	Dec-14	Mar-15	Amherst & Dartmouth for Aceto, Inc.	1350' of 12" CIPP lining	Kevin Aceto, General Mgr.	207.324.5041	\$ 74,250	Robert A. Aceto, Inc., Alfred, ME	Berry Huff McDonald & Milligan, ME
Biddeford	ME	Dec-14	Mar-15	Taylor & Beacon St. for Dearborn Bros.	1615' of 8"-12" CIPP lining	Rich Chaisson, Project Mgr.	207.929.8812	\$ 88,825	Dearborn Bros. Const., Buxton, ME	Berry Huff McDonald & Milligan, ME
Davenport	FL	Dec-14	Feb-15	Polk County - Polo Park Subdivision	1004' of 18"-36" CIPP lining	Doug Gable	865.535.2200	\$ 160,960	Polk County, FL	Owner
Cape Coral	FL	Dec-14	Nov-15	Cape Coral Storm Sewer Year 5 of 5	4621' of 15"-24" CIPP lining	Ron Loweke, Superintendent	239.574.0811	\$ 700,000	City of Cape Coral, FL	Owner
Ft. Collins	CO	Nov-14	Nov-14	Foothills Mall Development	430' of 8"-18" CIPP lining	Denece Child, Project Mgr.	303.466.9665	\$ 22,719	Beck Group, Denver, CO	Owner
Nashua	NH	Nov-14	Dec-14	Sewer Replacement Project	610' of 6"-24" CIPP lining	Paul Scenna, Project Mgr.	978.937.0909	\$ 67,310	Albanese D&S, Inc., Dracut, MA	City of Nashua, NH
Miami-Dade	FL	Nov-14	Jan-15	Leachate Collection System	1454' of 12"-15" CIPP lining	Gus Alonzo	305.262.5151	\$ 182,015	CAS Contractors, LLC, Doral, FL	Westthorp Assc., Miami, FL
Clearwater	FL	Nov-14	Dec-14	CIPP Lining - Harbor Light Towers	291' of 10" CIPP lining	Robert Knobel	727.593.2018	\$ 14,777	Harbor Light Towers	Clearwater, FL
Key Biscayne	FL	Nov-14	Jan-15	Ocean Lane Dr - Stormwater Repair	669' of 15" CIPP lining	Tony Brown, Public Wks. Supt	786.255.6765	\$ 72,305	Village of Key Biscayne, FL	Owner
New London	OH	Nov-14	Mar-15	Sanitary Sewer Rehabilitation	12754' of 8"-12" CIPP lining	Bob Loyd, Project Manager	419.465.2587	\$ 388,080	Underground Util., Monroeville, OH	Jones & Henry

Layne Inliner, LLC 5-year Job List

Longboat Key	FL	Nov-14	Jan-15	Stormwater Rehab.	2300' of TV Clean & Inspection	Anne Ross, Asst. Town Mgr.	941.316.1943	\$ 16,700	Town of Longboat Key, FL	Owner
Jacksonville	FL	Nov-14	Feb-15	Jacksonville PO307748-2	3278' of 15"-30" CIPP lining	Cheryl Robinson, Buyer	904.255.8823	\$ 402,250	City of Jacksonville, FL	Owner
Worcester	MA	Nov-14	Jun-15	Hermon St. Phase IV	5890' of 6"-30" CIPP lining	Michael Caforio, Asst. Direct.	508.799.1454	\$ 659,621	City of Worcester, MA	Weston & Sampson, Peabody, MA
Hialeah	FL	Nov-14	Dec-14	Hialeah PS 116	974' of 8" CIPP lining	Ethan Heijn, Project Manager	954.987.0066	\$ 31,540	City of Hialeah, FL	Hazen & Sawyer, Hollywood, FL
Louisville	KY	Nov-14	Nov-14	4th & Jefferson Emergency Sewer Repair	30' of 24" CIPP lining	Ron Singer, Superintendent	812.941.7895	\$ 29,400	Mac Construction & Excavation	New Albany, IN
Sarasota Co.	FL	Nov-14	Feb-15	Contract D Rel 10	363' of 42" CIPP lining	Jason Brown	941.861.0930	\$ 96,094	Sarasota County, FL	Owner
Altamonte Spg	FL	Nov-14	Feb-15	Sanitary 2014 & 2015	10907' of 8" CIPP lining	James Wickert	407.571.8560	\$ 381,745	City of Altamonte Springs, FL	Reiss Engineering, Winter Springs, FL
Owensboro	KY	Nov-14	Dec-14	CIPP 2014 Bid #2979	881' of 15"-24" CIPP lining	Kevin Collignan, Coordinator	270.687.8641	\$ 92,580	Owensboro Public Works	Owensboro, KY
Gulfport	FL	Nov-14	Feb-15	Gulfport, FL Clean & TV	35000' of clean & TV	Don McMullers, Sr. Proj. Mgr.	727.531.3505	\$ 114,775	Cardno, Inc., Clearwater, FL	Owner
Lexington	KY	Nov-14	Dec-14	Wolf Run	1590' of 30" CIPP lining	TJ Taylor, Utility Manager	859.425.2447	\$ 388,690	Lexington Fayette Urban Co., KY	Bell Engineering, Lexington, KY
Fairborn	OH	Nov-14	Dec-14	Wright Patterson AFB 8" Lining	4500' of 8" CIPP lining	John Maïtes, Project Eng/Mgr	937.256.2705	\$ 2,599,700	Central NICC JV, LLC	Wright Patterson AFB, OH
Laurel	MD	Nov-14	Jun-15	WSSC IDIQ 17 Task 6	3786' of 8"-21" CIPP lining	Jessie Wright, Project Mgr.	301.206.7339	\$ 1,174,801	Washington Suburban Sanitary	Laurel, MD
Clearwater	FL	Nov-14	Feb-15	Pinellas Co. Storm 001922AA, Release 1	2902' of 15"-72" CIPP lining	John Linton	727.464.4348	\$ 293,571	Pinellas County, Clearwater, FL	Owner
Hoover	AL	Nov-14	Jun-15	Unverness Sewer Basin Rehab.	15696' of 8" CIPP lining	Hal Humphrey, PE	205.298.9200	\$ 1,392,147	City of Hoover, AL	Gresham Smith Partners, B'ham, AL
Rensselaer	IN	Nov-14	Dec-14	INDOT R-345914-Temple & Temple	82' of 96" CIPP lining	Patrick Hauser, PM	812.883.6644	\$ 168,100	INDOT, Indianapolis, IN	Sub to Temple & Temple, Salem, IN
Apopka	FL	Oct-14	Nov-14	PO 121815	1226' of 8" CIPP lining	Brian Bishop, Util. Const. Mgr.	407.703.1731	\$ 41,628	City of Apopka, FL	Owner
Duluth	GA	Oct-14	Sep-15	On Demand Storm Water Repairs	Riprap Delivery NAPM	Melissa Muscato, Leeds AP	678.957.7284	\$ 8,500	City of Duluth, GA	Owner
Plantation	FL	Oct-14	Oct-14	Westside Medical Center CIPP Lining	632' of 8" CIPP lining	Gabriel Jauregui, Proj. Admin	786.845.8999	\$ 24,596	HG Construction, N. Miami, FL	Owner
Ft. Riley	KS	Oct-14	Oct-14	Sewer System Repairs - Ft. Riley, KS	743' of 6"-8" CIPP lining	Theresa Calvert	816.241.2891	\$ 33,869	Ace Pipe Cleaning - Ft. Riley, Ks	Owner
Morristown	TN	Oct-14	Jan-15	Contract "A" - Morristown	17250' of 8"-12" CIPP lining	Tracy Green, Project Mgr.	423.519.2325	\$ 529,550	Town of Morristown, TN	Layne sub to Mjorgan Contracting
Akron	OH	Oct-14	Oct-14	Englewood Ave PID 84396	2079' of 8"-12" CIPP lining	John Smith, Project Manager	330.628.4811	\$ 70,165	City of Akron, OH	HM Miller Construction, Mogadore, OH
Orange	FL	Oct-14	Oct-14	SR 530/US 192 Middlesex Corporation	152' of 18" CIPP lining	Joe Berry, Constr. Admin.	978.742.4400	\$ 20,520	Middlesex Corporation	Littleton, MA
Clermont	FL	Oct-14	Oct-15	Clermont 2015	67234' of sewer cleaning 8"-10"	James Kinzler, Project Mgr.	352.241.0178	\$ 200,000	City of Clermont, FL	Owner
Mt. Airy	MD	Oct-14	Jan-15	Ross Contracting-WSSC IDIQ 19 Task 5	3607' of 8"-20" CIPP lining	Patrick Brennan, Project Mgr.	301.831.5500	\$ 295,160	Ross Contracting, Inc.	Mount Airy, MD
Laurel	MD	Oct-14	Jan-15	WSSC IDIQ 13 Task 8	161' of 8" CIPP lining	John Thorsell, Project Mgr.	301.2006.7339	\$ 279,004	Washington Suburban Sanitary	Laurel, MD
Wichita	KS	Oct-14	Dec-14	2014 Sewer Rehab Phase D (CIPP) 468-84967	10074' of 8" CIPP lining	Jeff Truhune, Project Engr.	316.268.4636	\$ 253,313	City of Wichita, KS	Owner
Richmond	VA	Oct-14	Oct-14	Dupont Spruance Plant Sewer Rehab.	1351' of 8"-12" CIPP lining	Kyle Verwey, Project Engr.	804.381.2124	\$ 135,260	Evanco Environmental Technology	Richmond, VA
St. Mary's	OH	Oct-14	Oct-14	36" Aquaduct Rehabilitation	697' of 36" CIPP lining	Ken Jones, Project Manager	614.252.5852	\$ 142,428	McDaniels Constr., Columbus, OH	Ohio Dept. of Natural Resources
Laurel	MD	Oct-14	Dec-15	WSSC IDIQ 19 Task 7	6701' of 8"-36" CIPP lining	Wayne Morris, Project Mgr.	301.206.7339	\$ 6,796,179	Washington Suburban Sanitary	Laurel, MD
Laurel	MD	Oct-14	Oct-15	WSSC IDIQ 11 Task 4	4584' of 8"-42" CIPP lining	Vince Jones, Project Mgr.	301.206.7339	\$ 4,446,299	Washington Suburban Sanitary	Laurel, MD
Colorado Sprgs	CO	Oct-14	Dec-14	Task Order 60	1335' of CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 453,658	Colorado Springs Utilities	Colorado Springs, CO
Washington	DC	Oct-14	Oct-15	Local Sewer Rehabilitation 2	3324' of 12"-24" CIPP lining	Peter Tinubu, Project Mgr.	202.787.2000	\$ 2,149,451	District of Columbia Water/Sewer	Washington, DC
Melbourne	FL	Oct-14	Jan-15	Crane Creek Stage II Improvements	410' of 48" CIPP lining	Rob Beatty, Project Mgr.	321.723.3571	\$ 95,530	Jobear Contr., Palm Bay, FL	Jones Edmunds, Titusville, FL
Bayfield	CO	Oct-14	Dec-14	2014 Sewer System Rehabilitation	4979' of 8" CIPP lining	Chris LaMay, Town Manager	970.884.9544	\$ 324,370	Town of Bayfield, CO	Souder, Miller & Asst., Cortez, CO
Troy	OH	Oct-14	Jun-15	Sanitary Sewer Lining Project	9226' of 24"-36" CIPP lining	Jillian Rhoades, City Engr.	937.339.2641	\$ 1,275,978	City of Troy, OH	Owner
Proctor	WV	Oct-14	Dec-14	PPR Proctor, Outfall Lining 011	1230' of 24"-45" - Transition line	Andy Siler, Mgr. Proj. Engr.	304.455.2200	\$ 417,200	Axial Corporation	Proctor, WV
Wylie	TX	Oct-14	Jun-15	North McKinney Interceptor Phase 1	10670' of 36" CIPP lining	Shela Chowdhury, PE	972.442.5405	\$ 2,833,770	North TX Municipal Water, Wylie	Dal-Tech Engr., Dallas, TX
Elyria	OH	Oct-14	Dec-14	Sewer Lining & MH Rehab. Project 2014	3547' of 8"-36" CIPP lining	Kathy McKillips, Project Eng.	440.326.1444	\$ 473,649	City of Elyria, OH	Owner

Layne Inliner, LLC 5-year Job List

Duluth	GA	Oct-14	Dec-14	Witney Place Storm Water Rehab.	97' of 48" CIPP lining	Melissa Muscato, City Engr.	678.957.7284	\$ 41,921	City of Duluth, GA	Owner
Florence	CO	Oct-14	Nov-14	RFP 2014-08	81' of 8" CIPP lining	Larry Harkin, PE	719.269.9050	\$ 26,570	Fremont Sanitation District	Florence, CO
East Point	GA	Oct-14	Nov-14	Milner Park CCTV	Clean 8" Sewer Pipe	Brian Jacobson, PM	678.202.9535	\$ 9,100	Geosyntec, Kennesaw, GA	Owner
Rockport	IN	Oct-14	Nov-14	AK Steel Corp - CCTV Rockport Plant	TV & Clean	Dirk Hummel, Inf. Area Lead	812.362.6079	\$ 9,900	AK Steel Corporation	Rockport, IN
Colorado Sprgs	CO	Oct-14	Nov-14	Austin Bluffs CIPP	72' of 30" CIPP lining	Cole Pratt, St. Prog. Supt	719.385.6822	\$ 19,950	City of Colorado Springs, CO	Owner
St.Petersburg	FL	Oct-14	Nov-15	St. Petersburg Clean/CCTV Yr 1 of 3	204157' of 8"-60" cleaning	Lane Longley	727.892.5612	\$ 650,000	City of St. Petersburg, FL	Owner
Framingham	MA	Oct-14	Nov-14	Framingham MA PW-238 Albanese D&S	160' of 12" CIPP lining	Paul Scenna, Project Mgr.	978.937.0909	\$ 15,000	Albanese D&S, Inc., Dracut, MA	Kleinfelder/SEA, Framingham, MA
Wilton Manors	FL	Oct-14	Nov-14	PO 15-210	308' of 8" CIPP lining	David Archacki, Dir. Of Utility	954.390.2190	\$ 12,874	City of Wilton Manors, FL	Owner
Key Largo	FL	Oct-14	Dec-14	ORCA Key Largo	372' of 8" CIPP lining	Bob Orr, Project Admin.	305.522.3854	\$ 19,194	ORCA North Key Largo Utilities	Key Largo, FL
Port Orange	FL	Oct-14	Oct-14	Port Orange Emergency	360' of 24" CIPP lining	Mike Silvey	386.506.5595	\$ 28,080	City of Port Orange, FL	Owner
Mobile	AL	Oct-14	Dec-14	Eslava St. Mobile CIPP	220' of 36" CIPP lining	Preston Hughes-Owner	251.476.5002	\$ 63,000	Hughes Plumbing & Utility Contr.	Mobile, AL
Canon City	CO	Oct-14	Dec-14	EIAF-7056 (RFP 2014-02)	489' of 30" CIPP lining	Larry Harkins, PE	719.269.9050	\$ 105,100	Fremont Sanitation District	Canon City, CO
Meriden	CT	Oct-14	Nov-14	Orville High School Meriden, CT for K&W	455' of 8" CIPP lining	Chris Wargo, Project Mgr.	203.267.6770	\$ 32,750	K & W Construction, Southbury, CT	O&G Industries, Torrington, CT
Norwalk	CT	Oct-14	Jun-15	Norwalk, CT-Beacon St. - Heitkamp	19225' of 8"-18" CIPP lining	Joseph Perotti, Proj. Admin.	860.274.5469	\$ 822,215	Heitkamp, Inc., Watertown, CT	Arcadis, Middletown, CT
Morristown	TN	Oct-14	Dec-14	Contract "B" - Morristown	11650' of 8"-15" CIPP lining	Tracy Green, Project Mgr.	423.519.2325	\$ 329,787	Town of Morristown, TN	Layne sub to Morgan Contracting
Sanford	FL	Oct-14	Apr-15	Seminole County Storm 2015	4158' of 15"-60" CIPP lining	Owen Reagan, Project Mgr.	407.665.7116	\$ 609,990	Seminole County, FL	Owner
Columbus	OH	Oct-14	Sep-15	2013 Annual Lining Contract	79073' of 8"-48" CIPP lining	Mike Griffith, Project Mgr.	614.645.2416	\$ 4,397,117	City of Columbus, OH	Stantec Consulting, Columbus, OH
Sandy Springs	GA	Oct-14	Nov-14	Overton Road CIPP	130' of 18" CIPP lining	Brittney Bulfinch, Constr.Mgr.	770.206.2553	\$ 32,320	City of Sandy Springs, GA	Owner
Indianapolis	IN	Oct-14	Jun-15	29th & Barnes Large Diameter Sewer Rehab.	4500' of 79"-95" CIPP lining	Roger Hanas, Project Mgr.	317.429.3985	\$ 7,153,845	Citizens Energy Group	Indianapolis, IN
Winston-Salem	NC	Oct-14	Nov-14	Salem Creek Outfall Aerial Crossing Replace.	600' of 60" CIPP lining	David Baker, PM	336.760.0477	\$ 240,493	Lowder Construction, Inc.	Winston-Salem, NC
N. Baltimore	OH	Oct-14	Oct-14	18" & 21" Sewer Rehabilitation	685' of 18"-21" CIPP lining	Jason Ruhlen, PM	419.422.7738	\$ 59,520	Helms & Sons Excavating, Findlay	City of Findlay, OH
Laurel	MD	Sep-14	May-15	WSSC IDIQ 13 Task 18	1332' of 10"-12" CIPP & UV lining	John Thorsell, Project Mgr.	301.206.7339	\$ 2,851,325	Washington Suburban Sanitary	Laurel, MD
Indianapolis	IN	Sep-14	Jun-15	Fall Creek Large Diameter Sewer Rehab.	13479' of 42" CIPP lining	Shari Foster, Project Engr.	317.429.3985	\$ 7,862,523	Citizens Energy Group	Indianapolis, IN
Mt. Airy	MD	Sep-14	Dec-14	WSSC IDIQ 13 Task 16	34289	Patrick Brennan, Project Mgr.	301.831.5500	\$ 34,289	Ross Contracting, Inc.	Mount Airy, MD
Mt. Airy	MD	Sep-14	Dec-14	WSSC IDIQ 13 Task 2	1435' of 8"-12" CIPP lining	Patrick Brennan, Project Mgr.	301.831.5500	\$ 95,817	Ross Contracting, Inc.	Mount Airy, MD
Fremont	OH	Sep-14	Oct-14	21" Storm Sewer Rehabilitation-Fremont, OH	155' of 21" CIPP lining	Russ Mylander, Project Mgr.	419.898.4438	\$ 34,875	Unillance, Inc., Oak Harbor, OH	Owner
Princeton	NJ	Sep-14	Dec-14	Princeton-Edgehill Rd. for Integrated Const.	3217' of 6"-12" CIPP lining	Steve Eleftherlou, President	732.433.8126	\$ 124,228	Integrated Const. & Utilities	Princeton Sewer Operating Committee
Oak Ridge	TN	Sep-14	Dec-14	Central City 1 - CIPP - Portland Utilities	19500' of 8"-10" CIPP lining	Larry Pittler, Project Manager	615.325.3374	\$ 596,500	City of Oak Ridge, TN.	Layne sub to Portland Utilities, Inc.
Groveport	OH	Sep-14	Oct-14	Green Point Drive South	800' of 18" CIPP lining	Mike Lewis, Project Manager	614.554.8310	\$ 52,900	Unlimited Excvtg, Plain City, OH	Sub to Unlimited Excavating
Frankfort	KY	Sep-14	Nov-14	Thornhill Interceptor Rehabilitation	4087' of 12"-24" CIPP lining	Amanda Mikuski, Sr. Engr.	502.875.2448	\$ 510,198	City of Frankfort, KY	Hazen & Sawyer, Lexington, KY
Union	SC	Sep-14	Mar-15	McBeth St. Sewer Rehabilitation	5176' OF 8" CIPP lining	Brian Green, PE, LEED AP	864.429.1708	\$ 740,702	City of Union, SC	Rogers & Callcott, Greenville, SC
Findlay	OH	Sep-14	Sep-14	Logan Ave Improvements, Phase II	1260' of 10" CIPP lining	Jason Ruhlen, PM	419.422.7738	\$ 61,200	Helms & Sons Excavating, Findlay	City of Findlay, OH
Tampa	FL	Sep-14	Mar-15	Chelsea St. Trunk CIPP	3558' of 18" CIPP lining	Sharon Morgan	813.274.8456	\$ 564,455	City of Tampa, FL	Owner
Lebanon	IN	Sep-14	Oct-14	INDOT IR-35947-A Noise Abatement	822' of CIPP lining	Tim Harvey	765.969.2214	\$ 203,710	INDOT, Indianapolis, IN	Layne sub to Milestone Contractors
Knoxville	TN	Sep-14	Dec-14	KUB - 07A1	2215' of 8" CIPP lining	Greg Stump, Project Manager	931.206.4437	\$ 104,385	Hurst Excavating - Knoxville, TN	Layne sub to Hurst Excavating
Jeffersonville	IN	Sep-14	Jun-15	Annual On-Call Service Agreement CIPP	On Call Work Orders	Joshua Hillman, Project Mgr.	812.945.9585	\$ 713,163	City of Jeffersonville, IN	Jacobi Toombs Lanz
Muncie	IN	Sep-14	Apr-15	Bowen Engr - Muncie ARC Storm Line	6918' of 8"-15" CIPP lining	Jay Jeffries, PE	317.842.2616	\$ 371,452	Muncie Sanitary District, IN	Layne sub to Bowen Engineering

Layne Inliner, LLC 5-year Job List

Gallatin	TN	Sep-14	Oct-14	TVA Gallatin Fossil Plant Spillway Upgrade	422' of 36" CIPP lining	Bill Pond, GM	513.733.4770	\$ 346,040	Trans Ash, Inc., Cincinnati, OH	Layne sub to Trans Ash, Inc.
SW Harbor	ME	Sep-14	Oct-14	Southwest Harobr for R.F.Jordan & Sons	2405' of 8"-12" CIPP lining	Jeffrey Hallett, PM	207.667.5236	\$ 76,015	R.J.Jordan & Sons Constr., Ellsworth	Olver Associates, Winterport, ME
Boston	MA	Sep-14	Jun-15	BWSC 13-309-001 Aqua Line Utility	3875' of 10"-27" CIPP lining	David Fan, Asst. Project Mgr.	508.690.2009	\$ 230,135	Aqua Line Utility, Weymouth, MA	Boston Water & Sewer Commission
Knoxville	TN	Sep-14	Sep-14	KUB - Mini Basin 15D1	400' of 8" CIPP lining	Vince Bayles, Project Mgr.	865.249.8646	\$ 20,000	Knoxville Utilities Board, TN	Sub to Morgan Contracting
Missouri City	TX	Sep-14	Feb-15	Sanitary Sewer Rehabilitation	11229' of 8"-18" CIPP lining	Steven Boyd, PE	713.869.2402	\$ 417,768	Ft. Bend Co. MUD#47, Houston, TX	Landev Engineers, Houston, TX
Sugar Land	TX	Sep-14	Nov-14	Projectg B Sewer Rehabilitation	8290' of 8"-18" CIPP lining	Jose Rangel, VP	832.582.8420	\$ 230,796	L. Construction, Houston, TX	ARKK Engineers, Houston, TX
Alpharetta	GA	Sep-14	Oct-14	North Pointe Sewer Rehabilitation	666' of 8" CIPP lining	Dan Dupont, PM	770.434.0095	\$ 35,100	KM Davis Contracting	Marietta, GA
Peachtree City	GA	Sep-14	Oct-14	Peachtree City Outfall Sewer	180' of 8" CIPP lining	Trey Bradbury, PM	770.969.1591	\$ 12,420	Strack, Inc.	Fairburn, GA
Lawrence	IN	Sep-14	Feb-15	Folsom Steel Interceptor Sewer Rehab.	5251' of 10"-12" CIPP lining	Sherri Bell, Constr. Engineer	317.888.1177	\$ 286,372	City of Lawrence, IN	Commonwealth Engrs., Indianapolis, IN.
Indianapolis	IN	Sep-14	May-15	Bean Creek & Garfield Park Large Diameter	4268' of 48" CIPP lining	Shan Foster, Project Manager	317.429.3985	\$ 2,468,008	Citizens Energy Group	Indianapolis, IN
Winter Haven	FL	Sep-14	Oct-14	Polk County 31st Street NW	666' of 15"-18" CIPP lining	Doug Gable	863.535.2200	\$ 65,385	Polk County, Winter Haven, FL	Owner
Indianapolis	IN	Sep-14	Dec-14	29th & Barnes Televising Pre-Project	80" thru 100" TV Work	Roger Hanas, PM	317.429.3985	\$ 263,250	Citizens Energy Group, Indpl. IN	Owner
Indianapolis	IN	Sep-14	Dec-14	Harding Street Televising	8"-thru 60" TV work	Roger Hanas, PM	317.429.3985	\$ 52,141	Citizens Energy Group, Indpl. IN	Owner
Skowhegan	ME	Sep-14	Oct-14	Skowhegan for R. A. Paradis & Son	312' of 15" CIPP lining	Todd Bradley, PM	207.368.5432	\$ 257,500	R.A.Paradis & Son, Newport, ME	Dirigo Engineers, Fairfield, ME
Laurel	MD	Sep-14	Apr-15	WSSC IDIQ 13 Task 23	129' of 8" CIPP UV lining	John Thorsell, Project Mgr.	301.206.7339	\$ 790,426	WSSC, Laurel, MD	Owner
Norwalk	CT	Sep-14	Dec-14	Emergency Work Beacon St. Interceptor	623' of 15" CIPP lining	Joseph Perotti, Proj. Admin.	860.274.5469	\$ 42,380	Heitkamp, Inc., Watertown, CT	Arcadis, Middletown, CT
Salt Lake City	UT	Sep-14	Oct-14	14C Sewer Rehabilitation	7687' of 8"-42" CIPP lining	Brad Paxman, Dist. Engr.	801.968.3551	\$ 695,919	Granger-Hunter Impvt. Dist.	West Valley City, UT
Clearwater	FL	Sep-14	Dec-14	Pinellas Co. Storm 002064A Rel 1 & 2	1793' of 18"-30" CIPP lining	Jeremy Waugh	727.464.4348	\$ 177,000	Pinellas County, Clearwater, FL	Owner
Mobile	AL	Sep-14	Dec-14	Conception St. 42" & 48" CIPP	3125' of 42"-48" CIPP lining	Tim Dixon, Construction Mgr	251.476.4720	\$ 1,581,625	Mobile Area Water Sewer, AL	McCrory Williams, Mobile, AL
Winchester	MA	Sep-14	Dec-14	Squire Road for Heitkamp, Inc.	3927' of 6"-12" CIPP lining	Joseph Peroti, Proj. Admin.	860.274.5469	\$ 127,700	Heitkamp, Inc., Watertown, CT	Weston & Sampson, Peabody, MA
Enfield	CT	Sep-14	Dec-14	Enfield, CT-PO 13351359-00	1682' of 8" CIPP lining	Kevin Shlitz, Superintendent	860.253.6450	\$ 87,926	Town of Enfield, WPC	Enfield, CT
Steamboat Spg	OH	Sep-14	Oct-14	2014 Trenchless Pipeline Rehabilitation	5796' of 6"-36" CIPP lining	Amber Gregory, PE	970.879.2060	\$ 233,452	City of Steamboat Springs, CO	Owner
Lakewood	CO	Sep-14	Dec-14	2014 Sanitary Sewer Improvements	7165' of 6"-24" CIPP lining	Patrick Roberts, PE	303.431.6100	\$ 241,810	Northwest Lakewood Sanit., CO	Martin Martin Engr., Lakewood, CO
Wilmington	NC	Sep-14	Oct-14	Dawson St. Front St. Interceptors	1356' of 12"-18" CIPP lining	Connie, Project Administrator	910.790.9986	\$ 183,244	Atlantic Constr., Wilmington, NC	Hydrostructures, Pittsboro, NC
Lakewood	CO	Sep-14	Sep-14	2014 Capital Improvements Project	1526' of 8" CIPP lining	Tom Napolilli, Engineer	303.986.2275	\$ 60,192	Bennett Bear Creek Farms Water	Kennedy Jenks, Lakewood, CO
Littleton	CO	Sep-14	Oct-14	2014 CIP Project	2222' of 8" - 10" CIPP lining	Bob Markoski, Field Engr.	303.985.3636	\$ 51,900	South Arapahoe, Littleton, CO	Kennedy Jenks, Lakewood, CO
Columbia	SC	Sep-14	Jul-15	Saluda River Basins 7 & 8	28148' of 6"-10" CIPP lining	Connie, Project Administrator	863.471.5141	\$ 3,936,225	City of Columbia, SC	CDM, Raleigh, NC
Portsmouth	OH	Sep-14	Sep-14	Upper Lawson Run Sewer Project	2726' of 8"-18" CIPP lining	Chris	740.353.2815	\$ 154,002	Distel Constr., Portsmouth, OH	Inliner sub to Distel Construction
Keene	NH	Sep-14	Dec-14	Heitkamp, Inc. for Keene, NH	645' of 15" CIPP lining	Joseph Perotti, Proj. Admin.	860.274.5469	\$ 33,380	Heitkamp, Inc., Watertown, CT	Cityh of Keene DPW, Keene, NH
Laurel	MD	Sep-14	Aug-15	WSSC IDIQ 19 Task 8	4946' of 8"-12" CIPP lining	Wayne Morris, PM	310.206.7339	\$ 3,584,244	Washington Suburban Sanitary	Laurel, MD
Morrow	GA	Sep-14	May-17	Annual Contract for CIPP Rehab.	Work Order Driven	Clifford Beroset, PE	678.422.2828	\$ 3,880,931	Clayton Co. Water Authority	Morrow, GA
Roxbury	MA	Sep-14	Nov-14	BWS 12-309-004-2 Fed Corp	700' of 48"x51" CIPP lining	Lester Valente, Project Engr.	781.329.1044	\$ 247,800	Fed Corp, Dedham, MA	Boston Water & Sewer Commission
Colorado Sprgs	CO	Sep-14	Dec-14	Task Order 59	9630' of 8" CIPP lining	Andrew Pinello, PM	719.688.4488	\$ 339,717	Colorado Springs Utilities	Colorado Springs, CO
Colorado Sprgs	CO	Sep-14	Dec-14	Task Order 58	9859' of 8" CIPP lining	Andrew Pinello, PM	719.688.4488	\$ 345,555	Colorado Springs Utilities	Colorado Springs, CO
St. George	UT	Aug-14	Sep-14	2014 Sewer Relining Project	2566' of 8" CIPP lining	Kade Bringhurst	435.627.4000	\$ 93,796	City of St. George, UT	Owner
Mobile	AL	Aug-14	Oct-14	Repairs Storm Drain Pillans Middle School	600' of 12" CIPP lining	Karen Henderson, CM	251.221.4473	\$ 75,058	Mobile Co. BOE, Mobile, AL	Owner
Denver	CO	Aug-14	Sep-14	Brannan Yard Emergency Repair	290' of 24" CIPP lining	Jim Jamsay, District Mgr.	303.288.6664	\$ 41,150	N. Washington St. Water/Sewer	Owner
Richmond	VA	Aug-14	Apr-15	Release West End Phase 2B	12740' of 8"-24" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 1,351,765	City of Richmond, VA	Owner
Laurel	MD	Aug-14	Jan-15	WSSC IDIQ 12 Task 15	355' of 8" CIPP lining	Dave Tomich, Project Mgr.	301.206.7339	\$ 337,525	WSSC, Laurel, MD	Owner

Layne Inliner, LLC 5-year Job List

La Cygne	KS	Aug-14	Sep-14	Casey's General Store	370' of 10" CIPP lining	Ryan Hursh, Project Manager	316.775.9991	\$ 23,800	Zemco, Inc., Augusta, KS	Owner
Kittery	ME	Aug-14	Nov-14	Patten Consturction-Kittery, ME	1010' of 8" CIPP lining	Brett Patten, VP	207.439.2008	\$ 100,900	H.L.Patten Constr., Kittery, ME	Kleinfelder, Cambridge, MA
New Castle	DE	Aug-14	Nov-14	Release #2 - PO 161916	24' of various Jansen Laterals	Eric Laramore, Project Mgr.	302.395.5740	\$ 95,900	New Castle County	New Castle, DE
Pittsburgh	PA	Aug-14	Sep-14	Goodale Blvd. - Roadway Improvements	9017' of 8"-30" CIPP lining	Stanley Gorski, PM	412.341.3750	\$ 610,609	SHACOG, Pittsburgh, PA	Gateway Engrs., Pittsburgh, PA
Conway	MA	Aug-14	Oct-14	Conway - Washington Street	261' of 36" CIPP lining	Stewart McCormack, PM	978.452.6967	\$ 58,725	Defelice Corp - Dracut, MA	Underwood Engrs., Concord, NH
Biddeford	CT	Aug-14	Oct-14	Biddeford - 12914A	935' of 24" CIPP lining	Rob Owens, Project Mgr.	207.929.8912	\$ 90,400	Peters Construction, Buxton, ME	Wright-Pierce, Topsham, ME
Oakland Co.	MI	Aug-14	Oct-14	Perry St. Diversion Sewer Force Main	345' of 36" CIPP lining	Michael D'Agostini, PM	586.791.5800	\$ 98,670	L. D'Agostini & Sons, Inc.	MaComb Township, MI
Bridgeport	CT	Aug-14	Oct-14	Bridgeport - Mather	196' of 36" CIPP lining	Michael Amato, Project Mgr.	860.242.0743	\$ 45,050	Mather Corp., Bloomfield, CT	Tighe & Bond, Shelton, CT
Westminster	MD	Aug-14	Aug-14	Carroll County Release #3	1879' of 12" CIPP lining	Cindy Miller, Buyer	410.886.2181	\$ 78,918	Carroll Co. Government	Westminster, MD
Oregon	OH	Aug-14	Aug-14	Wheeling Street 2013/Arthur St.	336' of 30" CIPP lining	Andrea Beard, Project Mgr.	419.698.7162	\$ 78,230	City of Oregon, OH	Owner
Colorado Sprgs	CO	Aug-14	Aug-14	36" Storm Sewer Hartstock & Academy	362' of 36" CIPP lining	Cole Pratt	719.385.6822	\$ 59,400	City of Colorado Springs, CO	Owner
Delray Beach	FL	Aug-14	Oct-14	Evergreen/Seasage	257' of 18" CIPP lining	Harold Bellinger, Supt.	5861.243.7309	\$ 24,740	City of Delray Beach, FL	Owner
Jupiter	FL	Aug-14	Oct-14	Parkway St. - Loxahatchee River District	615' of 8" CIPP lining	Kris Dean, Project Admin.	561.747.5700	\$ 23,426	Loxahatchee River District	Jupiter, FL
Orlando	FL	Aug-14	Sep-14	Middlesex Corp - OIA Project	2245' of 18"-24" CIPP lining	John Reddy, Purchasing Mgr.	407.206.0077	\$ 213,255	Middlesex Corporation	Orlando, FL
Roswell	GA	Aug-14	Aug-14	Abbeywood 8" CIPP	270' of 8" CIPP lining	Brandon Leipprandt, PM	678.820.3991	\$ 12,150	NAPM, Marietta, GA	Marietta, GA
N. Lauderdale	FL	Aug-14	Nov-14	LS 9 & Kimberly Blvd.	194898' of 8" CIPP lining	George Krawczyk, Proj. Mgr.	954.722.0900	\$ 500,000	City of North Lauderdale, FL	Owner
Ocoee	FL	Aug-14	Sep-14	24" & 30" CIPP lining	313' of 24"-30" CIPP lining	Richard Campanate, Oper.Mg	407.905.3170	\$ 44,680	City of Ocoee, FL	Owner
Waynesboro	VA	Aug-14	Aug-14	Waynesboro for Bio-Nomic Services	966' of 18"-24" CIPP lining	Buddy, Project Admin.	704.529.0000	\$ 210,560	Bio-Nomic Services, Charlotte, NC	USR, Chin Gordon, PE
Laurel	MD	Aug-14	Sep-14	WSSC IDIQ 12 Task 18	120' of 12" UV lining	Dave Tomich, Project Mgr.	301.206.7339	\$ 56,476	Washington Suburban Sanitary	Laurel, MD
Colorado Sprgs	CO	Jul-14	Aug-14	Task Order 57 CIPP	2440' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 103,449	Colorado Springs Utilities	Colorado Springs, CO
Laurel	MD	Jul-14	Jun-15	WSSC IDIQ 17 Task 8	2781' of 8"-18" CIPP lining	Josh Arnett, Project Mgr.	301.206.7339	\$ 2,795,875	Washington Suburban Sanitary	Laurel, MD
Knoxville	TN	Jul-14	Oct-14	KUB - 23A1	2010' of 8"-12" CIPP lining	Michael Adams, VP	865.428.5300	\$ 84,695	Adams & Sons, Inc., Sevierville, TN	Layne Inliner sub to Adams & Sons
Jeffersonville	IN	Jul-14	Dec-14	Wildwood Drive - Oak Park Conservancy	927' of 8" CIPP lining	Keith Ingram, Supt. Of WWTP	812.283.3960	\$ 35,362	Oak Park Conservancy District	Jeffersonville, IN.
Knoxville	TN	Jul-14	Oct-14	KUD- 15C1	575' of 8" CIPP lining	Greg Stump, Project Manager	931.206.4437	\$ 34,450	Hurst Excavating, Knoxville, TN.	Layne Inliner sub to Hurst Excavating
Knoxville	TN	Jul-14	Aug-14	Lecil Road - Morgan Contracting	270' of 12" CIPP lining	Vince Bayles, Project Mgr.	865.249.8646	\$ 10,800	Morgan Contracing	Layne Inliner sub to Morgan Contracting
Laurel	MD	Jul-14	Sep-14	WSSC IDIQ 13 Task 4	553' of 8" CIPP lining	Kevin Lethbridge, PM	301.206.7339	\$ 304,604	WSSC, Laurel, MD	Owner
Port Charlotte	FL	Jul-14	Dec-14	PO# 201400-2306, 2899, 2987	3090' of 15"-42" CIPP lining	Randy Vowell, Contr.Spec.	941.575.3680	\$ 370,828	Charlotte County, FL	Owner
Stuart	FL	Jul-14	Aug-14	Stuart LS Rehab PO #P2014436	582 SF of Raven 405	Paul Hitchcock	772.288.1292	\$ 26,444	City of Stuart, FL	Owner
Brevard County	FL	Jul-14	Aug-14	PO# 4500082503 Brevard County	768' of 18"-36" CIPP lining	Scott Spillman	321.617.7390	\$ 88,600	Brevard County, FL	Owner
Wilmington	NC	Jul-14	Mar-15	Find It Fix It Contract A Section 2	12009' of 8"-12" CIPP lining	Project Adminstrtive	863.471.5141	\$ 1,392,356	Cape Fear Public Utility Authority	Wilmington, NC
St. Petersburg	FL	Jul-14	Jan-15	34th St. Sewer Improvements FY13	5293' of 48" CIPP lining	Mark Laney	727.893.7671	\$ 1,891,155	City of St. Petersburg, FL	Owner
Charlotte	NC	Jul-14	Jul-14	Bellevue Lane for Blythe Development	40' of 18" CIPP lining	Pete, Project Admin.	704.588.0023	\$ 18,000	Blythe Development Company, Inc	Charlotte, NC
Gloucester	MA	Jul-14	Dec-14	Rocky Neck for N. Granese & Sons	3940' of 8"-15" CIPP lining	Steven Granese, VP	781.592.8121	\$ 147,725	N. Granese & Sons, Salem, MA	Gloucester DPW, Gloucester, MA
Oak Creek	CO	Jul-14	Aug-14	Trenchless Sewer Rehabilitatoin 2013	2893' of 21" CIPP lining	Dan Cohen, Manager	970.453.2810	\$ 182,508	Western Slope Util., Breckenridge	Civil Design Consultants, Steamboat Sprg
Oak Creek	CO	Jul-14	Aug-14	Trenchless Sewer Rehabilitation 2014	4325' of 21" CIPP lining	Steve Colby, Manager	970.736.8250	\$ 276,281	Morrison Creek Metro, Oak Creek	Civil Design Consultants, Steamboat Sprg
Orlando	FL	Jul-14	Jul-14	Orlando Emergency CIPP	520' of 8" CIPP lining	David Sterling, Project Mgr.	407.363.0059	\$ 38,200	PCL Construction Services, Inc.	Orlando, FL
Colorado Sprgs	CO	Jul-14	Sep-14	Task Order 55	5384' of 10"-18" CIPP lining	Richard Dressel, PM	719.668.4395	\$ 461,261	Colorado Springs Utilities	Colorado Springs, CO
Altamonte Spg	FL	Jul-14	Oct-14	Reiss Engineering-Altamonte Springs	11000' of 8" CIPP lining	Matt Grewe	407.679.5358	\$ 358,800	Reiss Engineering, Inc.	Winter Springs, FL
Polk County	FL	Jul-14	Sep-14	Shawdowbrook, Ewell, W. Lake	387' of 18"-36" CIPP lining	Doug Gable	863.535.2200	\$ 69,003	Polk County, FL	Owner
Manchester	NH	Jul-14	Oct-14	Chestnut Street - Contract 2	4480' of 8"-20" CIPP lining	Ron Butler, Project Manager	603.934.4929	\$ 160,360	R.D.Edmunds & Sons-Franklin, NH	CDM Smith, Manchester, NH
Fort Collins	CO	Jul-14	Aug-14	P-7106 CIPP Sanitary Sewers	11059' pf 8"-30" CIPP linikng	Ray Fisher, WW Collection	970.221.6233	\$ 598,349	City of Fort Collins, CO	Owner
Canton	OH	Jul-14	Aug-14	Overbrook & 32nd St. 48" Sewer	165' of 48" CIPP lining	Chris Barnes, City Engineer	330.489.3381	\$ 86,920	City of Canton, OH	Owner

Layne Inliner, LLC 5-year Job List

Moorestville	NC	Jul-14	Jul-14	Chic-Fil-A - WD Smith Grading Co.	350' of 8" CIPP lining	Kyle Lindsey, Project Admin.	704.888.8383	\$ 31,850	W.D.Smith Grading, Inc.	Midland, NC
Milton	GA	Jul-14	Sep-14	CIPP Nix Road & Glencreek Way	250' of 60" CIPP Rehabilitation	Jim Seeba, PM	678.242.2500	\$ 252,262	City of Milton, GA	Owner
Columbus	OH	Jul-14	Aug-14	Rickenbacker AFB Sewer Relining Contract	5589' of 6"-15" CIPP lining	Wes Nutter, Project Mgr.	740.983.3200	\$ 223,139	Nutter Excavating, Inc.	Ashville, OH
Indianapolis	IN	Jul-14	Aug-14	West & Morris St. Large Diameter Sewer Rehab.	2184' of 72" CIPP lining	Roger Hanas, Project Mgr.	317.429.3985	\$ 3,005,627	Citizens Energy Group	Indianapolis, IN
Wallingford	CT	Jul-14	Jun-15	2014-15 Sewer Rehabilitation	10458' of 8"-15" CIPP lining	Terry Smith, Superintendent	203.949.2677	\$ 475,000	Town of Wallingford, CT	Owner
Norcross	GA	Jul-14	Jul-14	Brandywine 8" CIPP Lining	400' of 8" CIPP lining	Debora Durham, Proj. Mgr.	678.574.4046	\$ 30,000	MVP Piping Company	Acworth, GA
Tell City	IN	Jul-14	Aug-14	48" CCTV	Clean & TV 48" CIPP	Chad Hubert, Chief Estimator	812.937.3715	\$ 2,200	Tell City WWTP, Tell City, IN.	Sub to J. H. Rudolph & Co., Evansville, IN
Littleton	CO	Jul-14	Jul-14	Columbine Heights Sewer Rehab.	2459' of 8"-12" CIPP lining	Tony Cocozzella	303.979.2333	\$ 113,729	Platte Canyon Water	Jacobs Engr. Group, Denver, CO
Medford	MA	Jul-14	Sep-14	Medford, MA - D'Alessandro	1442' of 8"-12" CIPP lining	Peter Piantedosi, PM	508.559.6400	\$ 62,920	D'Alessandro Corp., Avon, MA	Owner
Pittsfield	MA	Jul-14	Sep-14	Various Locations of Streets	3005' of 6"-12" CIPP lining	Sarah Kelely, Project Engr.	413.499.3050	\$ 107,662	J.H.Maxymillan, Inc., Pittsfield, MA	Owner
Grandview Hts.	OH	Jul-14	Sep-14	Goodale Blvd. Roadway Improvements	1464' of 10"-12" CIPP lining	Brent Posten, Project Mgr.	614.246.2317	\$ 89,297	George J. Igel, Columbus, OH	E.P.Ferris & Assoc., Columbus, OH
Dayton	OH	Jul-14	Jul-14	Susan Drive 33" Sewer Rehabilitation	695' of 33" CIPP lining	Edwin Petticrew, PM	937.871.2650	\$ 159,050	Montgomery Co. Water Services	Kettering, OH
Comstock Park	MI	Jul-14	Sep-14	Scott Creek Trunk Sewer Phase II	6400' of 15" CIPP lining	Dan Ringnald, Project Mgr.	616.949.0800	\$ 275,200	Kammings & Roodvoets, Grd Rapids	Prein & Newhof
Towanda	KS	Jul-14	Jul-14	2014 Cured In Place Pipe Project	1455' of 8"-10" CIPP lining	Rick Kearney, City Supt.	316.536.2751	\$ 45,202	Towanda, KS	Owner
Marietta	SC	Jul-14	Jul-14	Greer Highway 8" CIPP	1252' of 8" CIPP lining	Billy Humphries, Director	864.836.6878	\$ 43,906	Marietta Water & Sewer	Marietta, SC
Casselberry	FL	Jun-14	Sep-14	Storm Repair	3807' of Various CIPP Sizes	Marty Pawlikowski, Mgr.	407.262.7700	\$ 666,307	City of Casselberry, FL	Owner
Ormond Beach	FL	Jun-14	Aug-14	Ormond Beach - Masci General	389' of 18"-24" CIPP lining	Chris Wright, Project Manager	386.322.4500	\$ 36,115	Masci General Contractors	Port Orange, FL
Cocoa	FL	Jun-14	Sep-14	Indiana River Dr & Dixon Blvd.	1771' of 15"-36" CIPP lining	Charles Wines, Supvr.	321.433.8844	\$ 202,360	City of Cocoa, FL	Owner
Portland	ME	Jun-14	Oct-14	2014 Sewer Rehabilitation	26337' of 8"-18" CIPP lining	Bradley Roland, Sr. Proj. Mgr.	207.874.8654	\$ 884,873	City of Portland, ME	Portland Public Service, Portland, ME
Fall River	MA	Jun-14	Dec-14	Fall River, MA for Barletta Heavy	472' of 36"-48" CIPP lining	Gary Orlando, Project Mgr.	508.402.7050	\$ 204,640	Barletta Heavy - O/G Jt. Venture	Fall River, MA
Reading	MA	Jun-14	Oct-14	Lewis & Charles St. CIPP Lining	1385' of 8" CIPP lining	Ryan Percival, Proj. Admin.	781.942.6690	\$ 67,835	Town of Reading, MA	Owner
Meriden	CT	Jun-14	Jul-14	Francis T. Maloney High School	455' of 8" CIPP lining	Mark Gionfriddo, Proj. Admin	860.229.4853	\$ 30,950	Manafort Bros., Inc., Plainville, CT	Gilbane Bldg. Co., Glastonbury, CT
Jessup	MD	Jun-14	Sep-14	Howard Co. Rt. 1 Pipe Bursting	18" Pipe Bursting	Joshua Giliptis, Project Mgr.	410.313.2414	\$ 478,170	Howard Co. Government, DPW	Owner
Jessup	MD	Jun-14	Sep-14	Rt. 103 CIPP Main Lining	2313' of 18"-24" CIPP lining	Joshua Giliptis, Project Mgr.	410.313.2414	\$ 308,065	Howard Co. Government, DPW	Columbia, MD
Bazine	KS	Jun-14	Jul-14	Rehabilitation of Site 129 & 124	264' of 18"-21" CIPP lining	Jeremiah Hobbs, Contr.Off.	785.222.2812	\$ 65,020	Wet Walnut Creek Watershed	King Engineering
Springfield	OH	Jun-14	Sep-14	2014 Miscellaneous Sewer Lining	2661' of 10"-30" CIPP lining	Kurt Tyson, PM	937.324.7648	\$ 233,172	City of Springfield, OH	Owner
Houston	TX	Jun-14	Dec-15	CIPP Method, File #4258-57	31100' of 8"-48" CIPP lining	Mary Bac, Project Engr.	832.395.4992	\$ 3,428,239	City of Houston, TX	Owner
Columbia	SC	Jun-14	Jan-15	Find & Fix #SS7218	9678' of 6"-15" CIPP lining	Connie, Project Administrator	803.545.3400	\$ 2,316,189	City of Columbia, SC	Weston & Sampson, Columbia, SC
Winston-Salem	NC	Jun-14	Sep-14	I-40 Storm Drain Repair	126' of 30" CIPP lining	Jeff Greene, PM	828.757.0006	\$ 27,000	KRG Utility, Inc., Lenoir, NC	Owner
Lake Charles	LA	Jun-14	Aug-14	Shell Beach Dr. @Griffith Coulee Drain Line	60' of 24" CIPP lining	Walt Jessen	337.433.0561	\$ 24,750	City of Lake Charles, LA	Owner
Indianapolis	IN	Jun-14	May-15	Emerson & Pleasant Run LDR	5662' of 24"-60" CIPP lining	Roger Hanas, Project Manager	317.429.3985	\$ 2,230,140	Citizens Energy Group	Indianapolis, IN
Richmond	VA	Jun-14	Nov-14	Release #7 West End Phase 2A	5326' of 8" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.8502	\$ 481,136	City of Richmond, VA	Owner
Cornelius	NC	Jun-14	Jun-14	Cawtaba Avenue for Sanders Utility	160' of 8" CIPP lining	Connie, Project Administrator	704.399.5600	\$ 16,000	Sanders Utility Const., Charlotte	Charlotte, NC
Spring	TX	Jun-14	Aug-14	Klein PUD SS Rehab Phase 11	1800' of 8"-18" CIPP lining	Ross Crawford	281.305.7027	\$ 71,875	Klein PUD, Spring, TX	Owner
Jonesboro	IN	Jun-14	Dec-14	Div. A Wastewater Collection System Rehab.	9060' of 15"-21" CIPP lining	Tracy Boehmer	317.888.1177	\$ 837,003	City of Jonesboro, IN	Commonwealth Engrs., Indianapolis, IN.
Knoxville	TN	Jun-14	Jun-14	KUB Second Creek 15D2	460' of 8" CIPP lining	Vince Bayles, Project Mgr.	865.249.8646	\$ 36,575	Morgan Contracting, Baker, FL	KUB, Knoxville, TN
Lumberton	NC	Jun-14	Jan-15	Britts Farm Interceptor Rehabilitation	3741' of 12" CIPP lining	Connie, Project Administrator	910.671.3800	\$ 315,069	City of Lumberton, NC	Wooten Co., Asheboro, NC
Newton	NC	Jun-14	Jun-14	Snow Creek Outfall Rehabilitation	1555' of 12" CIPP lining	Bob, Project Admin.	828.328.1846	\$ 84,305	Hickory Sands, Hickory, NC	The Wooten Co., Hickory, NC
Waverly	OH	Jun-14	Jul-14	Hospital Hill Sewer Rehabilitation	3894' of 8"-12" CIPP lining	Kelly Self, Project Manager	740.947.1117	\$ 135,399	Foill Incorporated, Waverly, OH	Owner
Clearwater	FL	Jun-14	Jun-15	Outfall Cleaning Contract YR 1 of 3	Clean 40000' of 12"-60" Pipe	Roger Johnson, Engr. Spec.	727.562.4592	\$ 1,028,320	City of Clearwater, FL	Owner
Stuart	FL	Jun-14	Aug-14	Clean & CCTV PO2013340	Light Clean/CCTV 25669' of 8"-24"	David Peters, Public Wks.Dir.	772.288.1292	\$ 49,356	City of Stuart, FL	Owner

Layne Inliner, LLC 5-year Job List

New Castle	DE	Jun-14	Jul-14	Mainline & Service Lateral Connection	Service Lateral Connections	Eric Laramore, Project Mgr.	302.395.5741	\$ 141,300	New Castle County	New Castle, DE
Anniston	AL	Jun-14	Jun-14	Storm Water 36" Pipe Rehabilitation	275' of 36" CIPP lining	Reida Blakney, PM	256.236.6381	\$ 70,000	Eastman Chemical Co.	Anniston, AL
Indianapolis	IN	Jun-14	Jan-15	Pilot Project SDRS Lick Creek Interceptor	13400' of 8"-24" CIPP lining	Roger Hanas, Project Manager	317.429.3985	\$ 2,338,558	Citizens Energy Group, Indpl. IN	Owner
Frankfort	KY	Jun-14	Sep-14	Indian Hills I&I Reduction Phase 3	1999' of 8"-12" CIPP lining	Dakotah DeRoche, PM	502.354.2344	\$ 324,933	City of Frankfort, KY	Burgess & Niple, Louisville, KY
Indianapolis	IN	Jun-14	Apr-15	Small & Large Diameter Sewer Rehabilitation	27540' of 8"-24" CIPP lining	Roger Hanas, Project Manager	317.429.3985	\$ 2,762,454	Citizens Energy Group	Indianapolis, IN
South Shore	KY	Jun-14	Jun-14	Sewer Rehab for City of Shore Shore	3210' of 8" CIPP lining	John Schwab, Project Mgr.	740.533.0030	\$ 115,850	Southern Ohio Trenching-Layne Sub	HMB Professional Engr., Frankfort, KY
Hickory	NC	Jun-14	Jul-14	11th St. SW Sewer Rehab for KRG	2595' of 8"-10" CIPP lining	Jeff Green, Project Admin.	828.228.0214	\$ 87,300	KRG, Lenoir, NC	Owner
Frankfort	KY	Jun-14	Sep-14	Tierra Linda I&I Rehabilitation Project	7691' of 8"-10" CIPP lining	Dakotah DeRoche, PM	502.354.2344	\$ 523,524	City of Frankfort, KY	Burgess & Niple, Louisville, KY
Casselberry	FL	Jun-14	Dec-14	2014 PO 0710870	42716' of 8" CIPP lining	Dave Lankfort	407.262.7725	\$ 1,355,648	City of Casselberry, FL	Owner
Niceville	FL	Jun-14	Aug-14	Eglin Air Force Base for EMR, Inc.	1796' of 54/60" CIPP lining	James Foster	850.897.0210	\$ 976,485	EMR, Inc., Niceville, FL	Owner
Mobile	AL	Jun-14	Jun-14	University of South Alabama Storm Drain	200' of 18" CIPP lining	Chris Brewer, PM	251.456.7270	\$ 20,000	Chris Brewer Contracting, Inc.	Mobile, AL
Waterville	CT	May-14	Jun-14	Waterville Sewerage District 2014-2	771' of 8"-15" CIPP lining	Roland Lapointe, Supt.	207.872.5191	\$ 41,055	Waterville Sewerage District	Waterville, ME
Houston	TX	May-14	Sep-14	Sewer Rehab. Morningside Place Sect. 1	2300' of 8" CIPP lining	Ross Crawford	281.305.7027	\$ 100,425	Harris Co. WCID 89, Houston, TX	Owner
Orange County	FL	May-14	May-15	Orange Co. Storm Y14 Yr 1 of 3	20800' of 15"-42" CIPP lining	John Schmidt, Sr. Cont.Admin	407.836.5635	\$ 3,556,260	Orange Co. Board of Commissioner	Orlando, FL
Lexington	MA	May-14	Aug-14	Lexington-Phase 4 Sewer Heitkamp	6800' of 6"-21" CIPP lining	Joseph Perotti, Proj. Admin.	860.274.5469	\$ 307,360	Heitkamp, PDR North, Watertown	Weston & Sampson, Peabody, MA
St. Petersburg	FL	May-14	Jun-14	72nd Ave NE for All American Concrete	519' of 8" CIPP lining	Tom Jordan	727.524.8755	\$ 17,708	All American Concrete	Largo, FL
Columbia	MD	May-14	Jul-14	Howard Co. Rt. 1 Sewer Main CIPP Lining	2343' of 12"-15" CIPP lining	Joshua Giliptis, Project Mgr.	410.313.2414	\$ 271,451	Howard Co. Government, DPW	Columbia, MD
Venice	FL	May-14	Sep-14	Bird Bay Drive South Project	1562' of 15"-30" CIPP lining	Project Manager	941.486.2626	\$ 194,475	City of Venice, FL	Owner
Jackson	TN	May-14	Sep-14	Phase 1 Contract 1 Sewer Rehabilitation	12865' of 8"-15" CIPP lining	Greg Sanford, PE	615.254.6002	\$ 631,730	Jackson Energy Auth., Jackson, TN	Jacobs Engineering, Nashville, TN
Lakewood	CO	May-14	Jul-14	2014 Sanitary Sewer Rehabilitation	1425' of 6"-8" CIPP lining	Patrick Roberts, Engineer	303.431.6100	\$ 50,000	East Jefferson Co., Lakewood, CO	Martin Martin Engineering
Chalmers	IN	May-14	Jun-14	INDOT R-34414-A White Co.	1050' of 65"x40" CIPP lining	Patrick Hauser, PM	812.883.6644	\$ 427,350	INDOT, Indianapolis, IN	Sub to Temple & Temple, Salem, IN
St. James	MO	May-14	Jan-15	Wastewater Collection System Rehab.	26344' of 12"-24" CIPP lining	Travis Hernandez, PE	573.364.6362	\$ 1,531,381	City of St. James, MO	Archer-Elgin, Rolla, MO
Carnegie	PA	May-14	May-14	Franklin Ave 36" Storm Sewer Rehab.	471' of 36" CIPP lining	Jim Baseji, PM	412.670.0316	\$ 65,940	Mongiovi & Sons, Pittsburgh, PA	KLH Engineers
Colorado Sprgs	CO	May-14	Jul-14	Task Order 52	Open Cut Work - Admin. Work	Andrew Pinello, PM	719.668.4488	\$ 366,333	Colorado Springs Utilities	Colorado Springs, CO
Colorado Sprgs	CO	May-14	Jul-14	Task Order 56	Open Cut Work - Admin. Work	Andrew Pinello, PM	719.668.4488	\$ 434,013	Colorado Springs Utilities	Colorado Springs, CO
Westminster	MD	May-14	Jul-14	Release #2 Carroll County - Eldersburg	1213' of 8" CIPP lining	David Stair, Project Admin.	410.386.2181	\$ 165,522	Carroll Co. Government	Westminster, MD
Casselberry	FL	May-14	May-14	Redbug Flyover Project	231' of 24" CIPP lining	Paul Wilson	407.206.0077	\$ 20,097	The Middlesex Corporation	Orlando, FL
Smyrna	GA	May-14	May-14	Martin Ct. Storm CCTV	CCTV 1600' of 60"	Cory Conley, Projects Mgr.	770.419.6445	\$ 3,760	Cobb County, GA	Owner
Spring	TX	May-14	Feb-15	SJRA - Woodlans	12231' of 18"-21" CIPP lining	Kenyon Scott Hunt, PE	281.589.7257	\$ 1,225,115	San Jacinto River Auth., Conroe, TX	Klotz Associates, Inc., Houston, TX
Porter	IN	May-14	Jun-14	INDOT-R-35360-A Porter Co.	184' of 84" CIPP lining	Patrick Hauser, PM	812.883.6644	\$ 207,000	INDOT, Indianapolis, IN	Sub to Temple & Temple, Salem, IN
Montgomery	AL	May-14	Oct-14	2014 Large Diameter Sewer Rehab.	26500' of 15"-24" CIPP lining	Chris Norris, Project Engineer	334.215.9041	\$ 4,422,987	City of Montgomery, AL	CH2M Hill, Montgomery, AL
Marble Cliff	OH	May-14	May-14	2013 3rd Avenue Rehab & Sewer Impvts.	881' of 8"-18" CIPP lining	Ryan Shaseen, PM	614.488.7958	\$ 55,293	Decker Constr. Co., Columbus, OH	Burgess & Niple
Sidney	OH	May-14	May-14	Ohio Avenue / Clay Street Sewer Replace	965' of 24" CIPP lining	Cory Howell, Project Mgr.	419.586.3077	\$ 75,000	VTF Excavation, Celina, OH	Owner
Wichita	KS	May-14	May-14	Southfork Addition 12" Canal Crossing	200' of 12" CIPP lining	Ryan McCullough, Supt.	765.386.6514	\$ 9,050	McCullough Excavation	Wichita, KS
Corpus Christi	TX	May-14	May-14	Corpus TSC - Kostoryz	68' of 12" CIPP lining	Armando Guterrez, City Engr.	361.826.3500	\$ 14,552	City of Corpus Christi, TX	GS-Texas Sterling Const., Houston, TX

Layne Inliner, LLC 5-year Job List

Aspen	CO	May-14	Aug-14	2014 CIPP Rehabilitation	12841' of 6"-10" CIPP lining	Tom Bracewell, Supt.	970.925.3601	\$ 349,964	Aspen Consolidated Sanitation	Aspen, CO
Hialeah	FL	May-14	Aug-14	PS 127	5493' of 8" CIPP lining	Ethan Heijn, Project Manager	954.987.0066	\$ 197,105	City of Hialeah, FL	Hazen & Sawyer PC, Hollywood, FL
Polk County	FL	May-14	Jul-14	Westwood Avenue	220' of 36" CIPP lining	Doug Gable	863.535.2200	\$ 56,400	Polk County, FL	Owner
Titusville	FL	May-14	Aug-14	Sanitary 2014	5680' of 8"-10" CIPP lining	Jesus Veirol, Purchasing	321.383.5767	\$ 198,593	City of Titusville, FL	Owner
Houston	TX	May-14	Jun-14	Muenster, TX	461' of 10"-24" CIPP lining	Alene Efaw	713.558.8700	\$ 45,972	Harris Co. MUD #71	Houston, TX
Bridgeport	CT	May-14	May-15	Contract H-4 Phase A Stage 1	11295' of 8"-24" CIPP lining	William Robinson, GM	203.332.5550	\$ 1,398,025	City of Bridgeport, CT	Bridgewater Water/Pollution Control
Charlotte	NC	May-14	May-14	Lance Crackers 8" CIPP - Sanders Utility	440' of 8" CIPP lining	Fred Young, Project Admin.	704.400.5694	\$ 24,200	Sanders Utility Const., Charlotte	Owner
Fishers	IN	May-14	May-14	106th St. 27" CIPP Installation	60' of 27" CIPP lining	Rick Farmham, Asst. Director	317.595.3281	\$ 28,000	Town of Fishers, IN.	Owner
Birmingham	AL	May-14	May-14	Birmingham Emergency 8"	1332' of 8" CIPP lining	Wade Bennett, PM	334.858.5923	\$ 60,075	B & H Contracting, Lakeland, FL	Owner
Lakeland	FL	May-14	Jul-14	Storm 2014 PO 257217	1254' of 15"-24" CIPP lining	Larry Schuler, Drain.Foreman	863.834.3311	\$ 107,640	City of Lakeland, FL	Owner
Colorado Sprgs	CO	May-14	Jul-14	Task Order 54	9084' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 302,874	Colorado Springs Utilities	Colorado Springs, CO
Colorado Sprgs	CO	May-14	Jul-14	Task Order 53	8467' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 291,943	Colorado Springs Utilities	Colorado Springs, CO
Seabrook Isld.	SC	May-14	Jun-14	Spinnaker Beach Houses 12"x18" CIPP	103' of 15" CIPP lining	Larry Blasch, Proj. Admin.	843.971.5096	\$ 34,000	Spinnaker Beach Houses	Mt. Pleasant, SC
Fulton	MD	Apr-14	Nov-14	Murray Hills Lateral Lining	Lateral Lining	Mike Decker, Project Mgr.	410.313.6375	\$ 158,970	Howard Co. Government, DPW	Columbia, MD
Eaton	CO	Apr-14	May-14	Cobb Lake-Ft. Collins, CO	663' of 42-36" CIPP lining	Jeff Smith, Ditch Rider	970.454.3377	\$ 93,318	WRCC, Inc.	Eaton, CO
Sarasota Co.	FL	Apr-14	Aug-14	Contract C Releases 5-7	882' of 24"-36" CIPP lining	Carlyn O'Reilly	941.861.0930	\$ 149,772	Sarasota County, FL	Owner
Clermont	FL	Apr-14	Aug-14	PO# 2014-0139 Clermont	3613' of 8" CIPP lining	Jerrone McLaren, Env. Serv.	352.241.0178	\$ 119,640	City of Clermont, FL	Owner
Greenville	NC	Apr-14	Jul-14	PO P1165001 Reline Storm Sewer	631' of 36"-72" CIPP lining	Ricky Hill, Project Admin.	252.328.6776	\$ 255,130	East Carolina University Facility	Greenville, NC
Perrysburg	OH	Apr-14	May-14	Mercy St. Charles Hospital 15" Liner	200' of 15" CIPP lining	J. J. Sandberg	419.837.6294	\$ 23,000	D & K Excavating, Perrysburg, OH	Owner
Indianapolis	IN	Apr-14	Dec-14	Clifton & Congress LDRS Various Locations	7975' of 42" & 30x36x42x54x60	Shari Foster, Project Engr.	317.429.3982	\$ 2,082,768	Citizens Energy Group, Indpl. IN	Wessler Engineering, Indianapolis, IN.
N. Charleston	SC	Apr-14	Aug-14	FY14 Small CIPP Project	13150' of 6"-10" CIPP lining	Del Whittle, Proj. Admin.	843.764.2653	\$ 449,018	North Charleston Sewer District	North Charleston, SC
Laurel	MD	Apr-14	Nov-14	WSSC IDIQ 6 Task 16 - Various Locations	7563' of 8"-48" CIPP lining	Dan Hamilton, Project Mgr.	301.206.7316	\$ 5,743,278	WSSC, Laurel, MD	Owner
Knoxville	TN	Apr-14	Jun-14	Mini Basin 08B3	370' of 8" CIPP lining	Vince Bayles, Project Mgr.	865.249.8646	\$ 19,000	KUB, Knoxville, TN	Sub to Morgan Contracting, Baker, FL.
Jessup	MD	Apr-14	Aug-14	Dorsey Run Sewer Rehabilitation	896' of 8" CIPP lining	Mike Decker, Project Mgr.	410.313.6375	\$ 45,098	Howard Co. Government, DPW	Columbia, MD
Wichita	KS	Apr-14	Apr-14	U054-087 KA 3530-1 Culvert Repair	69' of 15" CIPP lining	Terry, Project Engineer	763.420.5009	\$ 16,215	Diamond Surface, Inc.	Wichita, KS
Rossford	OH	Apr-14	May-14	Rossford, OH-Ampoint Sewer Impvts.	1200' of 8" CIPP lining	Mark Nagel, PM	419.592.3861	\$ 45,150	Nagel, Inc., Napoleon, OH	Poggemeyer Design Group, Bowling Grn.
Holland	MI	Apr-14	Jun-14	Ottawa Rd. Sanitary Sewer & MH Rehab.	7230' of 16"-18" CIPP lining	Nate Williams, Engineer	616.394.0200	\$ 527,083	Holland Charter Twp., Holland, MI	Prein & Newhof, Holland, MI
Stone Mt.	GA	Apr-14	Apr-14	Campground Manhole Reset	Manhole Reset	Bob Cowhig, Manager	770.498.5679	\$ 1,200	Stone Mountain Memorial Assc.	Stone Mountain, GA
Houston	TX	Apr-14	Apr-14	Boyer - Deep South Drive	125' of 18" CIPP lining	Alene Efaw	281.558.8700	\$ 24,000	Harris Co. MUD #289	Houston, TX
Port Richey	FL	Apr-14	Jul-14	18" at Auto Garage	90' of 18" CIPP lining	Chris Hughes	727.816.1900	\$ 11,700	City of Port Richey, FL	Owner
Oldsmar	FL	Apr-14	Apr-14	Barclay Group Clean & TV - Oldsmar	Clean & TV 10"	Jerry Hart	727.733.7585	\$ 2,975	Barclay Group, Palm Harbor, FL	Owner
Oviedo	FL	Apr-14	Jun-14	PO 140355 Manhole Rehabilitation	Raven 405 Lining	Jim Woodger, Utility Supt.	407.971.5690	\$ 16,788	City of Oviedo, FL	Owner
Peachtree City	GA	Apr-14	May-14	Aberdeen-Kedron Dr. Sewer Rehab.	1200' of 8" CIPP lining	Nathan Brooks, Const.Coord.	678.552.2106	\$ 139,840	Peachtree City Water & Sewer	Integrated Science & Engr., Newnan, GA
Pensacola	FL	Apr-14	May-14	Smith Steam Plant-PO FPC37417-001	412' of 18"-24" CIPP lining	Elizabeth McCormick, Leader	228.897.6290	\$ 90,150	Gulf Power Company	Pensacola, FL
Burlington	NC	Apr-14	Jun-14	Little Alamance Outfall - PO705-0000071	7295' of 24" CIPP lining	Mat Beckwith, Proj. Admin.	336.222.5050	\$ 1,015,064	City of Burlington, NC	Owner
Dunwoody	GA	Apr-14	Jul-14	Standby Stormwater Repair	On Demand Lining	John Gates, Project Manager	678.382.6713	\$ 132,489	City of Dunwoody, GA	Owner
N.Port Richey	FL	Apr-14	Jul-14	PO 086561 Sanitary Rehabilitation	7161' of 8"-12" CIPP lining	Dominic Bellezza	727.841.4546	\$ 273,810	City of New Port Richey, FL	Owner
Margate	FL	Apr-14	Aug-14	Margate PO 140905 - Oriole Margate	1937' of 12"-21" CIPP lining	Samuel May, Public Wks Dir.	954.972.8126	\$ 157,476	City of Margate, FL	Owner
Largo	FL	Apr-14	Jul-14	Largo 2014 PO 62048 15" CIPP	650' of 15" CIPP lining	Tim Cavitt	727.587.6713	\$ 50,375	City of Largo, FL	Owner

Layne Inliner, LLC 5-year Job List

Birmingham	AL	Apr-14	Aug-14	2014 Annual Sewer Rehabilitation Contract	16352' of 8"-36" CIPP lining	Tonya Kelley, PE	205.214.4026	\$ 890,347	Jefferson Co. Enviromental Serv.	Birmingham, AL
Tarpon Springs	FL	Apr-14	Jul-14	PO 140537 Sewer Main Rehabilitation	701' of 12"-36" CIPP lining	Steve Weyer, PW Superv.	727.942.5615	\$ 99,248	City of Tarpon Springs, FL	Owner
Clearwater	FL	Apr-14	Jul-14	PO ST110392 - 48" Myrtle Avenue	396' of 48" CIPP lining	Melvin Maciolek, Proj. Mgr.	727.562.4750	\$ 92,070	City of Clearwater, FL	Owner
Frankfort	KY	Apr-14	Aug-14	W.L.Haper-KYTC-FD04 Various Locations	7350' of 15"-36" CIPP lining	Jim Rezac, Project Manager	859.393.1930	\$ 625,247	KY. Transportation Cabinet	Sub to W. L. Harper, Hebron, KY
Cincinnati	OH	Apr-14	Apr-14	MSD Cincinnati - CSX 42" Emergency	140' of 42" CIPP lining	Michael Stevens, P.E.	513.352.4941	\$ 109,200	Cincinnati MSD, Cincinnati, OH	Sub to Schweitzer Const., Cincinnati, OH
Dubois	IN	Apr-14	Apr-14	INDOT R-34085-A - CIPP Lining	176' of 84" CIPP lining	Bart Mueller, Dist. Const.Engr	812.895.7343	\$ 161,392	INDOT, Indianapolis, IN	Sub to Temple & Temple, Salem, IN
Winter Springs	FL	Apr-14	Jul-14	Various Locations 2014	4240' of 8"-15" CIPP lining	Miguel Sanchez	407.327.1800	\$ 184,300	City of Winter Springs, FL	Owner
Lenoir City	TN	Mar-14	Jul-14	Mini Basin BH1	6750' of 8" CIPP lining	Larry Pittler, Project Mgr.	615.325.3374	\$ 213,765	Lenoir City Utilities Board, TN	Portland Utilities, Portland, TN
Colorado Sprgs	CO	Mar-14	Sep-14	Task Order 56		Andrew Pinello, PM	719.668.4488	\$ 434,013	Colorado Springs Utilities	Colorado Springs, CO
Colorado Sprgs	CO	Mar-14	Jul-14	Task Order 52		Andrew Pinello, PM	719.668.4488	\$ 366,333	Colorado Springs Utilities	Colorado Springs, CO
Colorado Sprgs	CO	Mar-14	Jul-14	Task Order 51	9139' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 302,944	Colorado Springs Utilities	Colorado Springs, CO
Largo	FL	Mar-14	Jun-14	PO 61933 24" Sewer Lining	4825' of 24" CIPP lining	Tim Cavitt	727.587.6713	\$ 550,000	City of Largo, FL	Owner
Gatlinburg	TN	Mar-14	Apr-14	Cherokee Orchard Avenue	145' of 8" CIPP lining	Tracy Green, Project Mgr.	423.519.2325	\$ 8,193	City of Gatlinburg, TN	Sub to Morgan Contracting, Knoxville, TN
Orlando	FL	Mar-14	Jun-14	Waterford Lakes 66" Liner	100' of 66" CIPP lining	Rick Merke	407.963.0500	\$ 60,200	Georgetown Enterprises, Inc.	Orlando, FL
Muenster	TX	Mar-14	Apr-14	Repair 8" Sewer Line Via CIPP	270' of 8" CIPP lining	Leo Kutkenhaus	940.759.2236	\$ 12,500	City of Muenster, TX	Owner
Zanesville	OH	Mar-14	Apr-14	R4 & R5 CSO Basin Sewer Separation	1268' of 8"-18" CIPP lining	Mark Reiter, Project Manager	419.465.2587	\$ 68,401	Underground Util., Monroeville, OH	City of Zanesville, OH
Wilton Manors	FL	Mar-14	May-14	Storm Line TV - PO 14-164	1015' of 12"-30"	David Archacki, Dir. Of Utility	954.390.2190	\$ 11,677	City of Wilton Manors, FL	Owner
Proctor	WV	Mar-14	Apr-14	Natrium Outfall - 54" Lining - Axiall Corp.	475' of 54" CIPP lining	Andy Siler, Mgr. Proj. Engr.	304.455.2200	\$ 283,315	Axiall Corporation	Proctor, WV
Leo	IN	Mar-14	Jun-14	Contract C Trunk Sewer Lining	10869' of 18"-21" CIPP lining	James Lauer, P.E.	260.497.7447	\$ 706,260	Leo-Cedarville Regional, Leo, IN	Schnelker Engr., Ft. Wayne, IN
Longmont	CO	Mar-14	Jun-14	Various Sewer Linings - Niwot District	7891' of 8"-10" CIPP lining	Gayle Packard, Dist. Manager	303.652.2726	\$ 213,450	Niwot Sanitation District	Longmont, CO
Charlotte	NC	Mar-14	Jun-14	Bear Wallow Court - Blythe Development	115' of 24" CIPP lining	Pete Gory, Project Manager	704.363.9360	\$ 28,750	Blythe Development Company, Inc	Charlotte, NC
Charlotte	NC	Mar-14	Jun-14	Mountain Cove Drive - Blythe Development	164' of 24" CIPP lining	Pete Gory, Project Manager	704.363.9360	\$ 28,208	Blythe Development Company, Inc	Charlotte, NC
Charlotte	NC	Mar-14	Jun-14	Roswell Avenue - Blythe Development	433' of 24" CIPP lining	Pete Gory, Project Manager	704.363.9360	\$ 42,651	Blythe Development Company, Inc	Charlotte, NC
North Port	FL	Mar-14	Jun-14	PO# 045815	326' of 24"-36" CIPP lining	Dan Waldon, Oper.Support	941.240.8097	\$ 41,748	City of North Port, FL	Owner
Lyons	KS	Mar-14	Mar-14	Sewer Line Project 2014	906' of 8" CIPP lining	David Kendrick, Util. Supt.	620.257.2320	\$ 25,555	City of Lyons, KS	Owner
Bainbridge	OH	Mar-14	Mar-14	Pike Lake 24" Rehab - Benton, OH	110' of 24" CIPP lining	Lou Piccin, Project Manager	740.417.9010	\$ 28,690	Trucco Corporation	Delaware, OH
Nederland	CO	Mar-14	Apr-14	Sanitary Sewer Rehabilitation	4300' of 8" CIPP lining	Alisha Reis, Town Admin.	303.258.3266	\$ 392,340	Town of Nederland, CO	JVA, Inc., Boulder, CO
Mt. Pleasant	PA	Mar-14	Mar-14	30" Sewer Rehabilitation	220' of 30" CIPP lining	Tim Kenney, Project Mgr.	524.538.3900	\$ 35,200	State Pipe Services	Cranberry Township, PA
Clearwater	FL	Mar-14	Jun-14	South Cross Treatment Facility	1104' of 15"-30" CIPP lining	John Linton	727.464.4348	\$ 110,926	Pinellas County, FL	Owner
Owensboro	KY	Mar-14	Mar-14	Emergency 10-12" CIPP Lining	699' pf 10"-12" CIPP lining	Eric Glahn, Project Engineer	270.687.8452	\$ 25,775	Regional Water Resource Agency	Owensboro, KY
Knoxville	TN	Mar-14	Mar-14	Strong Alley CIPP Emergency	225' of 12" CIPP lining	Larry Pittler, Project Mgr.	615.325.3374	\$ 44,255	Portland Utilities, TN	Knoxville Utility Board, Knoxville, TN.
San Augustine	TX	Mar-14	Mar-14	TV & Cleaning - San Augustine, TX	Clean & TV	Jed Morris, Project Engr.	936.634.5529	\$ 9,000	San Augustine, TX	Everitt-Griffith
Rossford	OH	Mar-14	Sep-14	Rossford, OH-Tree St. Sewer Rehab.	5339' of 8"-10" CIPP lining	Denise Plummer, Engineer	419.352.7357	\$ 371,417	Northwestern Water/Sewer	Poggemeyer Design Group
Sanford	FL	Mar-14	May-14	2014 Cured In Place Pipe Project	3629' of 12"-48" CIPP lining	William Smith, Purchasing	407.688.5030	\$ 287,538	City of Sanford, FL	Owner
Wichita	KS	Mar-14	May-14	2014 Sanitary Sewer Rehab. Phase A (CIPP)	13688' of 8"-12" CIPP lining	Jeff Truhune, Project Engr.	316.268.4636	\$ 367,184	City of Wichita, KS	Owner
Spring	TX	Mar-14	Mar-14	Champions Forest Drive	100' of 8" CIPP lining	Ross Crawford	281.350.7027	\$ 5,500	WCID No. 115, Spring, TX	Owner
Coconut Creek	FL	Mar-14	Apr-14	PO# 130430	524' of 12"-21" CIPP lining	John Lukaszewicz, Supt.	954.448.9080	\$ 43,505	City of Coconut Creek, FL	Owner
Gastonia	NC	Mar-14	Jun-14	CIPP Sewer Relining	2818' of 8" CIPP lining	Tucker Johnson, Proj. Admin.	704.869.1002	\$ 149,369	City of Gastonia, NC	Owner
Miramar	FL	Mar-14	Mar-14	Lift Station #7	230' of 8" CIPP lining	Whittingham Gordon	954.883.5845	\$ 9,547	City of Miramar, FL	Owner
Ft. Worth	TX	Mar-14	Mar-14	Repair 6" Process Line Miller/Coors	300' of 6" CIPP lining	Tom Klinck	800.267.9810	\$ 78,000	Miller/Coors - Evanco Environm.	Evanco Environmental
New Haven	CT	Mar-14	Jun-14	Bid No. S-6351 Urban Transitway Phase II	440' of 8" CIPP lining	Timothy Tarini, Const.Coord.	203.469.7487	\$ 23,500	C. J. Fucci, Inc., New Haven, CT	City of Stamford, CT
Sanford	FL	Mar-14	Apr-14	Seminole County - Eagle Circle	938' of 24"-48" CIPP lining	Owen Reagan	407.665.5946	\$ 288,736	Seminole County, FL	Owner

Layne Inliner, LLC 5-year Job List

Goose Creek	SC	Mar-14	Mar-14	Cane Bay CIPP for Pro-Lateral	110' of 8" CIPP lining	Allen Wilson, Proj. Admin.	843.556.8217	\$ 14,000	Pro-Lateral, Charleston, SC	Owner
Columbus	OH	Mar-14	Mar-14	Ohio State Hwy Patrol Academy	305' of 8" CIPP lining	Chuck Stephenson - PM	614.299.4125	\$ 23,840	Radico Inc.	Columbus, OH
St. Petersburg	FL	Feb-14	Feb-15	2014 Storm Release 1	3050' of 12"-36" CIPP lining	Mark Laney	727.893.7671	\$ 340,084	City of St. Petersburg, FL	Owner
Collierville	TN	Feb-14	Dec-14	Sewer Rehabilitation	8300' of 8"-10" CIPP lining	Murray Beard, Project Mgr.	901.457.2807	\$ 241,076	Town of Collierville, TN	Owner
Altamonte Spg	FL	Feb-14	Apr-14	PO 060704 Storm 2014	938' of 24"-48" CIPP lining	James Wickert	407.571.8560	\$ 156,044	City of Altamonte Springs, FL	Owner
Chester	VA	Feb-14	Jun-14	Miller/Coors Evanco Environmental	1343' of 8"-20" CIPP lining	Robin Miller, Project Admin.	800.267.9810	\$ 251,285	Evanco Environmental, Chester, VA	Owner
Altamonte Spg	FL	Feb-14	Apr-14	PO 060703 Sanitary 2014	2368' of 8" CIPP lining	James Wickert	407.571.8560	\$ 77,204	City of Altamonte Springs, FL	Owner
Jacksonville	FL	Feb-14	Apr-14	PO 307748-1 Storm Sewer	3630' of 12"-36" CIPP lining	Louis Lawrence	904.472.2859	\$ 336,959	City of Jacksonville, FL	Owner
Groton	CT	Feb-14	Apr-14	Thames Street Sewer Rehabilitation	5557' of 8"-12" CIPP lining	Bruce Kruszewski, PM	860.446.4073	\$ 237,496	City of Groton, CT	Owner
Jupiter	FL	Feb-14	Mar-14	PO 14-0229	Clean & TV 7884' of sewer line	Kris Dean, Dir. Engr. Services	561.747.5700	\$ 15,336	Loxahatchee River District	Jupiter, FL
Indianapolis	IN	Feb-14	Apr-14	INDOT R-33922-A Valparaiso, IN	364' of 60"-84" CIPP lining	Brad Minnick, Dist. Engineer	219.325.7540	\$ 354,228	INDOT, Indianapolis, IN	Sub to Temple & Temple, Salem, IN
Seminole	FL	Feb-14	Aug-14	PO #14-0986	1881' of 18"-24" CIPP lining	Jeremy Hockenbury	727.391.0204	\$ 177,076	City of Seminole, FL	Owner
Cape Coral	FL	Feb-14	Jul-14	Storm Sewers Years 4 & 5	4435' of 15"-24" CIPP lining	Ron Loweke, Supt.	239.574.0811	\$ 700,000	City of Cape Coral, FL	Owner
Clermont	FL	Feb-14	Feb-15	2014 Sewer Main Cleaning Project	Sewer Cleaning	James Kinzler, Project Mgr.	352.241.0178	\$ 200,000	City of Clermont, FL	Owner
Belleair	FL	Feb-14	Mar-14	24" Storm Line - Belleair, FL	229' of 24" CIPP lining	Perry Lopez, PW Director	727.588.3769	\$ 19,236	Town of Belleair, FL	Owner
Chattanooga	TN	Feb-14	Feb-15	East Brainerd Sewer Rehabilitation	44230' of 8"-36" CIPP lining	Jason Cummings, PE	865.966.1000	\$ 7,494,471	City of Chattanooga, TN	Jacobs Engineering, Knoxville, TN
Orlando	FL	Feb-14	Mar-14	Breezewood, Lake Sparling 1& 2 PS	1096' of 8" CIPP lining	Thomas M. Perry, PM	407.856.8180	\$ 65,760	Prime Construction Group Inc	Orlando, FL
Chattanooga	TN	Feb-14	May-14	Pineville Sewer Rehabilitation	3500' of 8" CIPP lining	David Hurst, Project Mgr.	865.922.6145	\$ 125,413	Hurst Excavating, Sevierville, TN	Owner
Braselton	GA	Feb-14	Apr-14	Shumard Oak Area	2680' of 8" CIPP lining	Russ Brink, Project Engineer	706.654.3917	\$ 129,855	City of Braselton, GA	Owner
Akron	OH	Feb-14	Jul-14	Mud Run Trunk Sewer Lining	12858' of 30"-36" CIPP lining	Jeff Leisenring, Owner	330.628.4811	\$ 1,912,750	City of Akron, OH	Sub to H. M. Miller Constr., Magadore, OH
Kittery	ME	Feb-14	Feb-14	Walker Street Sewer	1128' of 12"-18" CIPP lining	George Kathios, Supt.	207.475.1316	\$ 86,608	Town of Kittery, ME	Kleinfelder, Cambridge, MA
Mount Airy	MD	Feb-14	Apr-14	Ross Contracting - WSSC IDIQ 13 Task 5	1454' of 8"-18" UV CIPP lining	Ruth Curley, Project Asst.	301.831.5500	\$ 144,050	Ross Contracting, Inc.	Mt. Airy, MD
Colorado Sprgs	CO	Feb-14	Dec-14	2014 Academy Sanitation CIPP	499' of 8" CIPP lining	No name given	303.688.2166	\$ 12,400	DRC Construction Services	Colorado Springs, CO
Katy	TX	Feb-14	May-14	2013 Sanitary Sewer Rehabilitation	3420' of 24"-30" CIPP lining	Chris Rosnovsky, P.E.	281.363.4039	\$ 496,160	Green Trails MUD, Houston, TX	Jones & Carter, Houston, TX
Ocala	FL	Feb-14	Feb-14	NE 2nd St. & Watula Avenue - Hamlet	277' of 8" CIPP lining	Kevin Coffey, Project Mgr.	352.236.3355	\$ 13,850	Hamlet Construction	Ocala, FL
St. Petersburg	FL	Feb-14	Mar-14	St. Petersburg for Rowland, Inc.	1776' of 8"-12" CIPP lining	Kevin Rowland, President	855.545.3815	\$ 60,000	Rowland, Inc.	Pinellas Park, FL
Plantation	FL	Feb-14	Mar-14	PO# 16272 Plantation	200' of 8" CIPP lining	Charles Spencer, Purch. Mgr.	954.414.8899	\$ 11,219	City of Plantation, FL	Owner
Westerville	OH	Feb-14	Feb-14	Westdale Storm Drain Sewer Rehab.	430' of 36" CIPP lining	Jake Preston, PM	614.901.6674	\$ 70,950	City of Westerville, OH	Owner
Wallingford	CT	Jan-14	Jun-14	Town of Wallingford 2013-14	3654' of 8"-15" CIPP lining	Terry Smith, Superintendent	203.949.2677	\$ 475,000	Town of Wallingford, CT	Wallingford Water & Sewer District
Louisville	KY	Jan-14	Dec-14	FY 14 Annual Rehabilitation Project	21000' of 8"-15" CIPP lining	Andrea Rogers, Project Mgr.	502.540.6427	\$ 617,000	Louisville & Jefferson County MSD	Louisville, KY
Zephyrhills	FL	Jan-14	Feb-14	NASA/KSC for RTD Construction, Inc.	330' of 8" CIPP lining	Steven Rea, Sr. Project Mgr.	813.783.9119	\$ 18,150	RTD Construction, Inc.	Zephyrhills, FL
Boonville	IN	Jan-14	Apr-14	Storm Water - Rabbitt Run 27" CIPP	215' of 27" CIPP lining	Brent Wendholt, Asst. Engr.	812.897.6094	\$ 34,400	Warrick Co. Dept. of Storm Water	Boonville, IN
Sublette	KS	Jan-14	Jan-14	Outfall Line Rehabilitation	400' of 12" CIPP lining	Daylen Elsay, Superintendent	620.675.2326	\$ 21,750	City of Sublette, KS	Owner
Indianapolis	IN	Jan-14	Feb-14	INDOT R-34178-A Temple & Temple	205' of 50"x31" CIPP	Patrick Hauser, PM	812.883.6644	\$ 74,210	INDOT, Indianapolis, IN	Sub to Temple & Temple, Salem, IN
Northfield	VT	Jan-14	Mar-14	CIPP Lining - Northfield	5200' of 8"-10" CIPP lining	Patrick DeMasi, Util. Supt.	802.485.7355	\$ 137,500	Village of Northfield, VT	Owner
Waterville	ME	Jan-14	Feb-14	CIPP Lining Project	1073' of 12"-20" CIPP lining	Roland Lapointe, Supt.	207.872.5191	\$ 96,976	Waterville Sewerage District	Waterville, ME
Hialeah	FL	Jan-14	Mar-14	PS 2 & 120	2230' of 8"-10" CIPP lining	Ethan Heijn, Project Manager	954.987.0066	\$ 71,705	City of Hialeah, FL	Hazen & Sawyer, PC
Hanover	PA	Jan-14	Aug-14	Sewer System Improvements	32167' of 8"-12" CIPP lining	Randall Baugher, Supt.	717.637.3877	\$ 1,238,525	Borough of Hanover, PA	Gannett Fleming, Inc.-Harrisburg, PA
Indianapolis	IN	Jan-14	Jun-14	CEG 29th & Delaware LDSR	5312' of 30"-42" CIPP lining	Shari Foster, Project Engr.	317.429.3982	\$ 2,288,963	Citizens Energy Group, Indpl. IN	Wessler Engineering, Indianapolis, IN.
Safety Harbor	FL	Jan-14	Apr-14	Sanitary & Storm Sewer Lining	1447' of 8"-18" CIPP lining	Damaris Cordova	727.724.1555	\$ 88,517	City of Safety Harbor, FL	Owner
Pensacola	FL	Jan-14	Feb-14	Polara Court - Escambia County	160' of 24" CIPP lining	Katie Marron, Engr. Proj. Coor	850.595.4980	\$ 28,800	Escambia County, FL	Owner
Laurel	MD	Jan-14	Apr-14	WSSC IDIQ 13 Task 21	533' of 36" CIPP UV Lining	Kevin Lethbridge, PM	301.206.7339	\$ 1,864,984	WSSC, Laurel, MD	Owner

Layne Inliner, LLC 5-year Job List

Oak Ridge	TN	Jan-14	Jun-14	Oak Ridge E-IV	20750' of 8"-18" CIPP lining	Tracy Green, Project Mgr.	423.519.2325	\$ 732,500	City of Oak Ridge, TN.	Sub to Morgan Contracting, Knoxville, TN
Oldsmar	FL	Jan-14	Jan-14	2014 Oldsmar Lining Project	3030' of 8" CIPP lining	Charles Lee, Project Manager	813.749.1226	\$ 100,000	City of Oldsmar, FL	Owner
Dale	IN	Jan-14	Feb-14	INDOT R-34081-A CIPP lining	168' of 84" CIPP lining	Patrick Hauser, PM	812.883.6644	\$ 189,000	INDOT, Indianapolis, IN	Sub to Temple & Temple, Salem, IN
Massillon	OH	Jan-14	Sep-14	2013 Levee Infrastructure Improvements	3600' of 8"-24" CIPP lining	Jeff Gaul, Project Manager	330.837.4767	\$ 383,340	Wenger Excavating, Inc.	Dalton, OH
Orlando	FL	Jan-14	Jan-14	Emergency Line - PO M0066686	390' of 10" CIPP lining	Daniel Doetsch	407.836.5635	\$ 25,951	Orange County Utilities	Orlando, FL
Oak Ridge	TN	Jan-14	Jun-14	East Plant III - CIPP Oak Ridge	37150' of 8"-12" CIPP lining	Greg Stump, Project Manager	931.206.4437	\$ 1,119,675	City of Oak Ridge, TN.	Sub to Hurst Excavating, Knoxville, TN
Greenwood	SC	Jan-14	May-14	2013-14 CIPP Lining Project	6893' of 8"-18" CIPP lining	Connie, Project Administrator	864.942.3901	\$ 300,000	Greenwood Metro District	Greenwood, SC
Mt. Vernon	IN	Jan-14	Mar-14	Country Terrace Sewer Rehabilitation	8069' of 8"-10" CIPP lining	Rodney Givens, Supt.	812.838.3396	\$ 263,704	City of Mt. Vernon, IN	Bernardin-Lockmueller, Evansville, IN.
Denver	CO	Jan-14	Jan-14	Parkhill Storm PH IV A - 51st & St. Paul	51' of 21" CIPP lining	Austin Rencarge, Project Mgr.	303.287.7700	\$ 28,250	Layne Heavy Civil, Inc.	Denver, CO
Sarasota Co.	FL	Jan-14	Apr-14	Contract D Rel 1	269' of 46x33, 48 & 60"	Alfred Lanaville	941.861.0930	\$ 77,040	Sarasota County, FL	Owner
Sarasota Co.	FL	Jan-14	Apr-14	Contract C Rel 1	1172' of CIPP Lining (Various)	Alfred Lanaville	941.861.0930	\$ 182,968	Sarasota County, FL	Owner
Deltona	FL	Jan-14	Sep-14	City of Deltona Storm 2014	1359' of 24"-36" CIPP lining	Joseph Walker, Stormwater	386.878.8100	\$ 180,000	City of Deltona, FL	Owner
Winamac	IN	Jan-14	Feb-14	LTCP Phase 3 Sewer Rehabilitation	2652' of 8"-10" CIPP lining	Brad Zellers, Superintendent	574.946.3494	\$ 80,911	Town of Winamac, IN	Owner
Port Charlotte	FL	Jan-14	Feb-14	Charlotte Co. PO 2014001104	912' of 15"-36" CIPP lining	Randy Vowell	941.743.1378	\$ 106,344	Charlotte County, FL	Owner
Lauderhill	FL	Jan-14	Feb-14	Culvert Cleaning Phase I	15366' of storm culvert cleaning	Indar Maharaj, Project Mgr.	954.730.4225	\$ 77,406	City of Lauderhill, FL	Owner
Memphis	TN	Jan-14	Jul-14	Memphis 42" CIPP	5285' of 15"-42" CIPP	Scott Morgan, Inspector	901.576.7125	\$ 1,598,847	City of Memphis, TN.	Owner
Ft. Lauderdale	FL	Jan-14	Jan-14	Ft. Myers SR 45 (US 41) 18" CIPP	59' of 18" CIPP lining	George Russell, Project Mgr.	954.529.8441	\$ 14,750	Russell Engineering, Inc.	Ft. Lauderdale, FL
Laurel	MD	Jan-14	Jul-14	WSSC IDIQ 6 Task 5	1511' of 8"-15" CIPP lining	Dan Hamilton, Project Mgr.	301.206.7316	\$ 1,028,485	WSSC, Laurel, MD	Owner
Hanover	VA	Jan-14	May-14	County of Hanover	1209' of 8"-15" CIPP lining	Steven Rusch, Purch. Div.Dir.	804.365.6015	\$ 149,604	County of Hanover, VA	O'Brien & Gere Engineers, Glen Allen, VA
Houston	TX	Jan-14	Jul-14	Highland Meadow, Sageglen, & Wood	7659' of 8"-24" CIPP lining	Asim Tufail, Project Engr.	832.431.5959	\$ 583,084	Clear Brook City MUD, Houston, TX	Blackline Engineering, Houston, TX
Orem	UT	Jan-14	Jan-14	2014 Sewer Line Rehabilitation	1919' of 8"-18" CIPP lining	Taggart Bowen, PE	801.229.7316	\$ 97,144	City of Orem, UT	Owner
Decatur	GA	Jan-14	Jan-14	Agnes Scott 8" CIPP Lining	251' of 8" CIPP lining	Adam Barnes, LEED BD+C	770.988.3000	\$ 15,858	Agnes Scott College, Decatur, GA	Holder Construction, Atlanta, GA
Decatur	GA	Jan-14	Jan-14	Snapfinger HydroSeed	Hydro Seed 14 acres with BMP's	Wendell Brown, Chief Insp.	770.621.7268	\$ 103,555	DeKalb County, Stone Mountain	Owner
Houston	TX	Jan-14	Apr-14	Sanitary Sewer Rehabilitation	3102' of 8"-10" CIPP lining	Chad Howes, Project Mgr.	713.782.0042	\$ 129,201	Memorial Hills UD, Houston, TX	Van De Wiele & Vogler, Houston, TX
Clearwater	FL	Jan-14	Apr-14	Sanitary Release #11	6290' of 8"-10" CIPP lining	John Linton	727.464.4348	\$ 212,965	Pinellas County, FL	Owner
St. Petersburg	FL	Jan-14	Jan-15	CCTV/Clean Year 5 of 5	Light Cleaning & Root Removal		727.892.5612	\$ 1,000,000	City of St. Petersburg, FL	Owner
Winter Haven	FL	Jan-14	Jan-14	Greenleaf Circle	217' of 18" CIPP lining	Doug Gable	863.535.2200	\$ 22,134	Polk County, FL	Owner
Dedham	MA	Jan-14	Jun-14	BWS 13-009-Fed Corp	620' of 10"-12" CIPP lining	Lester Valente, Project Engr.	781.329.1044	\$ 32,960	Fed Corp, Dedham, MA	Boston Water & Sewer Commission
Knoxville	TN	Dec-13	Jan-14	Jackson Avenue @ Gay Street	350' of 8" CIPP lining	Greg Stump, Project Manager	865.388.9495	\$ 10,250	Hurst Excavating, Knoxville, TN.	Owner
St. Mary's	KS	Dec-13	Jan-14	2013 CIPP Project	2167' of 8" CIPP lining	Dave Ronse, WW Supt.	785.437.2311	\$ 60,676	City of St. Mary's, KS	Owner
Indianapolis	IN	Dec-13	Dec-13	CEG Belmont LPSEFM	335' of 30" C IPP lining	Mike Latos, Project Manager	317.429.3978	\$ 88,105	Citizens Energy Group, Indpl. IN	Etica Group, Frank Rankin
Ft. Worth	TX	Dec-13	Dec-13	Repair 15" Process Piping Via CIPP - Miller	313' of 15" CIPP lining	Tom Klinck	800.267.9810	\$ 44,020	Miller/Coors - Evanco Environm.	Ft. Worth, TX
Laurel	MD	Dec-13	Apr-14	WSSC IDIQ 6 Task 21	2500' of 8" CIPP lining	Dan Hamilton, Project Mgr.	301.206.7316	\$ 221,739	WSSC, Laurel, MD	Owner
Port Orange	FL	Dec-13	Jan-15	Port Orange Storm 2014	5024' of 16"-36" CIPP lining	Tom Cinefro, Purchasing Mgr.	386.506.5500	\$ 400,000	City of Port Orange, FL	Owner
Orlando	FL	Dec-13	Nov-14	BL09-2570 Year 5 of 5	3007' of 10"-24" CIPP lining	Teddi McCorkle, Sr. Cont.Adm	407.246.2291	\$ 813,148	City of Orlando, FL	Owner
Carnegie	PA	Dec-13	Dec-13	24" Sewer Rehabilitation	174' of 24" CIPP lining	Tim Kenney, Project Mgr.	524.538.3900	\$ 33,930	State Pipe Services	Cranberry Township, PA
Elkridge	MD	Dec-13	Dec-13	Macaw Court- Yard Storm Drain	50' of 10" CIPP lining	Jack Adler, JR - PNC Bank		\$ 6,000	HIC Associates, LP	Margate, NJ
Columbia	MD	Dec-13	May-14	Oakland Mills-Steven's Forest Comm. CIPP	3332' of 8" CIPP lining	Joshua Gliptis, Project Mgr.	410.313.2414	\$ 203,795	Howard Co. Government, DPW	Columbia, MD
Gloucester	MA	Dec-13	Jan-14	Phase III for C. Naughton Co.	700' of 24" CIPP lining	Phil Costello, Project Mgr.	339.499.7445	\$ 108,700	C. Naughton Co., Bridgewater, MA	New England Civil Engr., Salem, MA
Watertown	CT	Dec-13	Jan-14	Town of Arlington-Ottoson Middle School	1510' of 6"-24" CIPP lining	Joseph Perotti, Proj. Mgr.	860.274.5469	\$ 82,628	NEPCCO, Watertown, CT	Fay, Spofford & Thorndike, Burlington
Worcester	MA	Dec-13	Mar-14	Herrmon St. Phase III	4375' of 8"-33" CIPP lining	Frank Occhipinti, Proj. Mgr.	978.532.1900	\$ 479,925	City of Worcester, MA	Weston & Sampson, Peabody, MA

Layne Inliner, LLC 5-year Job List

Columbus	OH	Dec-13	Dec-13	18" Sewer Rehab. Columbus Crime Lab	480' of 18" CIPP lining	Jason Randall	614.871.8100	\$ 38,400	Capital City Mechanical	Grove City, OH
Avon	MA	Dec-13	Mar-14	BWS 09-309-010 Contract 3B	520' of 24"x36"	David Laramée, Project Mgr.	508.559.6400	\$ 74,200	D'Allesandro Corp., Avon, MA	Fay, Spofford & Thorndike, Burlington
Plantation	FL	Dec-13	Dec-13	PO#15837	Clean/TV 370 LF of 8"	Mike Porter	954.673.0836	\$ 1,744	City of Plantation, FL	Owner
Parker	CO	Dec-13	Dec-13	2013 Cured In Place Pipe Rehabilitation	1271' of 8" CIPP lining	TR, Project Manager	303.841.2797	\$ 37,128	Denver SE Suburban Water	Parker, CO
Columbia	SC	Dec-13	Jan-14	Atascadero Rd. 84" CIPP	95' of 84" CIPP lining	None Given	803.786.0128	\$ 81,590	SCDOT Richland Maintenance	Columbia, SC
Charlotte	NC	Dec-13	Dec-13	Air Circle Stormwater for Bullseye Constr.	110' of 30" CIPP lining	Connie, Project Administrator	863.471.5141	\$ 30,820	Bullseye Construction	Pineville, NC
Colorado Sprgs	CO	Dec-13	Jun-14	Task Order 50	9054' of 8"-10" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 317,846	Colorado Springs Utilities	Colorado Springs, CO
Hilton Head	SC	Nov-13	Nov-13	South Island Public Services District	1383' of 8" CIPP lining	Brad O'Keefe, Proj. Admin.	843.671.2907	\$ 100,445	South Island Public Services Dist.	Hilton Head, SC
Knoxville	TN	Nov-13	Nov-13	Scottish Pike - 24" CIPP	320' of 24" CIPP lining	Vince Bayles, Project Mgr.	865.249.8646	\$ 40,000	Morgan Contracting, Baker, FL	Layne sub to Morgan Contracting
Charlotte	FL	Nov-13	Dec-13	Charlotte County WO# 9	1109' of 15"-36" CIPP lining	Randy Vowell, Contr. Spec.	941.575.3680	\$ 140,493	Charlotte Co. Public Works	Punta Gorda, FL
Columbus	OH	Nov-13	Jan-14	Grandview Heights-Goodale Blvd.	1857' of 12"-39" CIPP lining	Travis Eifert, Project Engr.	614.775.4500	\$ 636,488	City of Grandview Heights, OH	EMH&T, Columbus, OH
Bremen	IN	Nov-13	Dec-13	December 2013 Sewer Rehabilitation	1670' of 10"-15" CIPP lining	Bill Reed, Superintendent	574.546.3829	\$ 68,550	Town of Bremen, IN	Owner
Whiting	IN	Nov-13	Dec-13	119th St. Alley Sewer Improvements	302' of 12" CIPP lining	Mike Hrinyo, Bldg. Comm	219.659.7700	\$ 32,798	City of Whiting, IN.	Lawson-Fisher Assc., South Bend, IN.
Jupiter	FL	Nov-13	Dec-13	Riverside Improvement Area	Clean & TV 6980' of sewer lines	Kris Dean, Dir. Engr. Services	561.747.5700	\$ 11,739	Loxahatchee River Env. Control	Jupiter, FL
Houston	TX	Nov-13	Nov-13	Sanitary Sewer Rehabilitation	151' of 12" CIPP lining	Dennis Eby, Project Engr.	713.957.0788	\$ 13,590	Harris Co. MUD #144, Houston, TX	Eby Engineers
St. Petersburg	FL	Nov-13	Jan-14	St. Petersburg 37th St. South for Rowland Inc.	397' of 8" CIPP lining	Kevin Rowland, President	855.545.3815	\$ 12,660	Rowland, Inc.	Pinellas Park, FL
Denver	CO	Nov-13	Nov-13	Denver-2nd Avenue & St. Paul St.	310' of 8" CIPP lining	Larry Coggins, President	303.791.9911	\$ 11,660	Coggins & Sons, Inc.	Denver, CO
Clearwater	FL	Nov-13	Jan-14	Hillcrest Pipe Lining	860' of 54" CIPP lining	Melvin Maciolek, Proj. Mgr.	727.562.4750	\$ 341,570	City of Clearwater, FL	Owner
Cary	NC	Nov-13	Dec-14	2013 Sewer Rehabilitation Contract	41109' of 8"-30" CIPP lining	Connie, Project Administrator	919.460.1047	\$ 3,444,178	Town of Cary, NC	Owner
Carmel	IN	Nov-13	Mar-14	Contract 81	4210' of 8"-36" CIPP lining	Ed Wolfe, Manager, WW	317.571.2634	\$ 521,960	City of Carmel, IN	Jones & Henry Engineers, Ft. Wayne, IN
Boston	MA	Nov-13	Dec-13	BWS 11-308-005 for Zoppo Corp	910' of 18"-27" CIPP lining	Chris McManus, Project Mgr.	781.344.8822	\$ 71,370	R Zoppo Corp, Stoughton, MA	Owner
Mt. Juliet	TN	Nov-13	Nov-13	8" CIPP Various Locations	330' of 8" CIPP lining	John Röchford, Director	615.773.7957	\$ 14,400	City of Mt. Juliet, TN.	Owner
Tampa	FL	Nov-13	Jan-14	Tarpon Springs-Cedar St. Gravity Line	300' of 30" Clean & TV	Matt Carlson	214.571.2517	\$ 4,000	MacTec North America, Inc.	Tampa, FL
Knoxville	TN	Nov-13	Nov-13	First Creek Mini Basin 24B1	700' of 8" CIPP lining	Greg Stump, Project Manager	865.388.9495	\$ 37,425	Hurst Excavating, Knoxville, TN.	KUB, Knoxville, TN
Elyria	OH	Nov-13	Nov-13	Washington Avenue 48" Sewer Rehab.	985' of 48" CIPP lining	Kathryn McKillips, Engineer	440.326.7516	\$ 322,225	City of Elyria, OH	Owner
Pinellas Park	FL	Nov-13	Feb-14	Stormwater Culverts	720' of 24"-36" CIPP lining	Randall Roberts, Director	727.541.0700	\$ 99,030	City of Pinellas Park, FL	Owner
Ontario	OH	Nov-13	Nov-13	I&I Reduction Phase 3 - Ontario, OH	984' of 8"-10" CIPP	Richard Smith, Project Mgr.	440.585.5757	\$ 33,288	Lake Co. Sewer, Willowick, OH	K.E.McCartney & Assc., Mansfield, OH
Martin	SC	Nov-13	Nov-13	Archroma	1232' of 15" CIPP lining	Chris Lane, Project Admin.	803.584.4321	\$ 116,356	Archroma, Martin, SC	Owner
Houston	TX	Nov-13	Nov-14	San Leon MUD Rehabilitation Phase 1	9900' of 8"-15" CIPP lining	Ross Crawford, Constr. Mgr.	280.350.7027	\$ 1,077,325	San Leon MUD, San Leon, TX	AEI Engineering, Houston, TX
Haysville	KS	Nov-13	Nov-14	CIPP 2013 Add On Work	4800' of 8" CIPP lining	Dave Harper, WW Supt.	316.529.5940	\$ 110,400	City of Haysville, KS	Owner
Deland	FL	Nov-13	Jan-14	FDOT EST09	953' of 54"-78" CIPP lining	Jamie Carter	386.943.5525	\$ 635,227	FDOT District 5, Deland, FL	Owner
Jacksonville	FL	Nov-13	Apr-14	Cecil Airport Contract C-785	1960' of 66" CIPP lining	Carole Smith, Contr.Admin.	904.573.1600	\$ 754,100	Jacksonville Aviation Authority, FL	Jacobs Engineering, Jacksonville, FL
Golden	CO	Nov-13	Dec-13	Process Sewer Rehabilitation	4944' of 36" CIPP lining	Timothy Ruttan, Project Mgr.	800.267.9810	\$ 1,075,000	Evanco Environmental Tech, Inc.	Golden, CO
Delray Beach	FL	Oct-13	Dec-13	Sanitary Sewer	1220' of 8"-12" CIPP lining	Scott Solomon, Manager	561.243.7309	\$ 45,475	City of Delray Beach, FL	Owner
Sanford	FL	Oct-13	Apr-14	Seminole Co. Sewer 2014	2277' of 12"-42" CIPP lining	Owen Reagan	407.665.5946	\$ 243,000	Seminole County, FL	Owner
Medford	MA	Oct-13	Oct-13	City of Medford 14-4009 for DeFelice	737' of 12" CIPP lining	Stew McCormack, Proj. Mgr.	978.452.6967	\$ 44,641	DeFelice Corp., Dracut, MA	Owner
Elko	NV	Oct-13	Oct-13	Golf Course Sewer Main Rehab. - 2013	786' of 8" CIPP lining	Vincent Smith	775.777.7126	\$ 40,100	City of Elko, NV	Black Dolphin, Elko, NV
Plantation	FL	Oct-13	Oct-13	POX 16199	315' of 8" CIPP lining	Charles Spencer, Util. Dir.	954.414.8899	\$ 12,520	City of Plantation, FL	Owner

Layne Inliner, LLC 5-year Job List

Laurel	MD	Oct-13	Nov-13	WSSC IDIQ 12 Task 20	Joint sealing 42" diameter pipe	Dave Tomich, Project Mgr.	301.206.7363	\$ 15,267	WSSC, Laurel, MD	Owner
Columbus	OH	Oct-13	Nov-13	Kenyonbrook Siphon Removal	901' of 24" CIPP lining	Whit Wardell, Project Mgr.	614.205.8658	\$ 116,345	Complete General, Columbus, OH	EMH&T, Columbus, OH
Athens	OH	Oct-13	Nov-13	Columbus Rd/N. Lancaster St. Infrastructure	3630' of 6"-8" CIPP lining	Dan Buck	740.517.1838	\$ 118,500	City of Athens, OH	York Paving, Athens, OH
E. Bridgeport	CT	Oct-13	Dec-13	City of Beverly, MA-Haskell Dr. Drainage	1295' of 36"-60" CIPP lining	Stephen Trudeau, Project Mgr	508.690.2009	\$ 408,845	Aqua Line Utility, Inc.	East Bridgeport, MA
Mobile	AL	Oct-13	Nov-13	City Wide Drainage Improvements	1030' of 15"-48" CIPP lining	Tim Dixon, Construction Mgr	251.694.3100	\$ 372,045	City of Mobile, AL	ECS Consulting Engrs., Theodore, AL
Houston	TX	Oct-13	Mar-14	Sewer Rehab. Harris Co. MUD# 127	8039' of 8"-15" CIPP lining	Kirk Williamson, Constr.Mgr.	713.784.4500	\$ 245,415	Harris Co. MUD # 127, Houston, TX	EHRA, Inc.
Laurel	MD	Oct-13	Feb-14	WSSC IDIQ 6 Task 20	2710' of 8"-30" CIPP lining	Dan Hamilton, Project Mgr.	301.206.7316	\$ 1,482,331	WSSC, Laurel, MD	Owner
Largo	FL	Oct-13	Dec-13	City of Largo 18" - 2013	223' of 18" CIPP lining	Tim Cavitt	727.587.6713	\$ 17,840	City of Largo, FL	Owner
Winter Park	FL	Oct-13	Apr-14	City of Winter Park 2014	8160' of 8"-21" CIPP lining	Robert Guest	407.643.1627	\$ 570,200	City of Winter Park, FL	Owner
Deltona	FL	Oct-13	Dec-13	2014 Sewer Lining Project	2628' of 8"-10" CIPP lining	Jeff Elder	386.878.8100	\$ 100,000	City of Deltona, FL	Owner
Trenton	OH	Oct-13	Nov-13	18" Proces Line Sewer Rehabilitation	175' of 18" CIPP lining	Matt Stone	804.381.2301	\$ 35,000	Evanco Environmental Tech, Inc.	Chester, VA
N.Martinsville	WV	Oct-13	Dec-13	Clean & TV - Axiall Corporation	Clean & TV	Andrew Siler, Project Engr.		\$ 25,000	Axiall Corporation	New Martinsville, WV
Indianapolis	IN	Oct-13	Feb-14	Tenacious Drive & Twin Oakes Sewer Rehab.	2193' of 10"-18" CIPP lining	Roger Hanas, Project Engr.	317.429.3985	\$ 298,089	Citizens Energy Group	Indianapolis, IN
Oak Ridge	TN	Oct-13	Nov-13	15" CIPP Various Locations	302' of 15" CIPP lining	Greg Jones, Project Coord.	865.425.3400	\$ 23,556	City of Oak Ridge, TN.	Owner
Wichita	KS	Oct-13	Feb-14	2013 Sewer Rehab. Phase C (CIPP) 468-84901	12728' of 8" CIPP lining	Jeff Truhune, Project Engr.	316.268.4636	\$ 326,700	City of Wichita, KS	Owner
Durango	CO	Oct-13	Nov-13	Turner Reservoir Outfall line	150' of 12" CIPP lining	Michael Hicks	970.259.0602	\$ 22,500	Falls Creek Ranch Home, Durango	Davis Engineering, Pagosa Springs, CO
Watertown	CT	Oct-13	Nov-13	Town of Milton, MA-S13-1 for NEPCCO	4546' of 8"-15" CIPP lining	Joseph Perotti, Project Mgr.	860.274.5469	\$ 143,873	NEPCCO	Weston & Sampson, Peabody, MA
Ft. Lauderdale	FL	Oct-13	Nov-13	City of Lauderdale P2012-012 for LMK Pipe	5255' of 8" CIPP lining	John Rinehart, Project Admin.	954.772.0075	\$ 158,530	LMK Pipe, Ft. Lauderdale, FL	Owner
Fishers	IN	Oct-13	Jan-14	106th Street Sewer Rehabilitation Project	2218' of 27" CIPP lining	Rick Farmham, Asst. Director	317.595.3281	\$ 404,546	Town of Fishers, IN.	Commonwealth Engrs., Indianapolis, IN.
Wilmington	NC	Oct-13	May-14	Greenfield Lake Outfall Rehab. Cape Fear	12002' of 12"-36" CIPP lining	Chris Bowling, P.E.	910.332.6673	\$ 2,191,329	Cape Fear Public Utility Authority	WK Dickson Comm.Infr., Wilmington, NC
Pompano Bch.	FL	Oct-13	Oct-13	Pompano Beach PO 140579	479' of 8" CIPP lining	Steve Alymda, Project Mgr.	954.786.4082	\$ 14,770	City of Pompano Beach, FL	Owner
Lakeland	FL	Oct-13	Dec-13	Bramblewood Dr. & Park Byrd Road	337' of 15"-36" CIPP lining	Doug Gable	863.535.2200	\$ 55,340	Polk County, FL	Owner
Charlotte	NC	Oct-13	Oct-13	Red Tail Court for Blythe Development	242' of 24" CIPP lining	Connie, Project Administrator	704.588.0023	\$ 38,720	Blythe Development Company, Inc	Charlotte, NC
Pinellas Park	FL	Oct-13	Oct-14	Rowland, Inc. - Pinellas Park	Video Inspection of Manholes	Kevin McLaughlin, Oper. Mgr.	727.545.3815	\$ 6,875	Rowland, Inc.	Pinellas Park, FL
Wilton Manors	FL	Oct-13	Oct-13	24" Storm Drain	Cleaning of 16"-29" Storm Drain	David Archacki, Dir. Of Utility	954.390.2190	\$ 2,310	City of Wilton Manors, FL	Owner
Clarksville	MD	Oct-13	Mar-14	Pleasants Janssen Seals September 2013	Misc. MH Work	Brandt Childs, Project Mgr.	301.428.0800	\$ 34,100	Pleasants Construction	Clarksville, MD
N. Attleboro	MA	Oct-13	Dec-13	N. Attleboro for NEPCCO	2300' of 8"-12" CIPP lining	Joseph Perotti, Project Mgr.	860.274.5469	\$ 73,920	NEPCCO, Watertown, CT	Weston & Sampson, Peabody, MA
Grand Junction	CO	Oct-13	Nov-13	2013 Sewer Interceptor Repair & Replace	6974' of 8"-48" CIPP lining	Jerrold Timothy, Project Mgr	970.244.1533	\$ 773,427	City of Grand Junction, CO	Owner
Cincinnati	OH	Oct-13	Oct-13	Public Schools - 48" CIPP Sub to CME Sewer	165' of 48" CIPP lining	Charles Menkhaus, President	513.260.2252	\$ 51,810	Cincinnati Public Schools	Sub to CME Sewer Repair, Cincinnati, OH
Charlotte	NC	Oct-13	Oct-13	Shasta Lane for Bullseye Construction	32' of 15" CIPP lining	Connie, Project Administrator	863.471.5141	\$ 24,000	Bullseye Construction	Pineville, NC
Houston	TX	Oct-13	Jan-14	Sewer Rehab. W. Harris Co. MUD# 6	2230' of 21"-24" CIPP lining	Ross Crawford, Constr. Mgr.	281.350.7027	\$ 179,020	West Harris Co. MUD#6, Houston	AEI Engineering, Houston, TX.
Augusta	ME	Sep-13	Oct-13	Closed System Drainage	715' of 30" CIPP lining	George M.A. Macdougall	207.624.3000	\$ 141,011	Maine DOT, Augusta, ME	Owner
Warwick	RI	Sep-13	Oct-13	Newport, RI for D'Ambra Construction	573' of 12"-24" CIPP lining	Richard Wilkins, VP	401.737.1300	\$ 77,720	D'Ambra Construction Co., Inc.	Warwick, RI
Concord	NH	Sep-13	Dec-13	FY 2014 Lining Project	4236' of 8"-24" CIPP lining	David Smith, Engr. Tech. II	603.230.3664	\$ 258,728	City of Concord, NH	Concord Engr. Dept., Concord, NH
Owensboro	KY	Sep-13	Oct-13	CIPP Pipelining Bid #2912 - Storm	1415' of 10"-24" CIPP lining	Kevin Collignon, Coordinator	270.687.8641	\$ 93,109	Owensboro Public Works	Owensboro, KY
Akron	OH	Sep-13	Sep-13	Firestone Parkway 18" Sewer Rehab.	335' of 18" CIPP lining	Doug Staubs	330.762.9373	\$ 26,800	Kenmore Construction, Akron, OH	City of Akron, OH - Owner

Layne Inliner, LLC 5-year Job List

Tullahoma	TN	Sep-13	Dec-13	CIPP Lining Project - Sub to Moore Constr.	15000' of 8" CIPP lining	George Campbell, Proj. Mgr.	931.206.4437	\$ 393,750	Tullahoma Utilities, TN.	Sub to Moore Construction
Richmond	VA	Sep-13	May-14	Annual Release #6 Shockoe 1	5782' of 12"-24" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.5722	\$ 1,054,058	City of Richmond, VA	Jacobs, Richmond, VA
Gastonia	NC	Sep-13	Sep-13	Brown Street	120' of 6" CIPP lining	Tucker Johnston, Proj. Admin.	704.869.1002	\$ 32,400	City of Gastonia, NC	Owner
Richmond	TX	Sep-13	Sep-13	Big Oaks MUD	115' of 12" CIPP lining	Corey Bostick, Compl. Mgr.	281.807.9500	\$ 14,720	Big Oaks MUD, Houston, TX	Owner
Spring	TX	Sep-13	Oct-13	Harris Co. WCID #114 - T. Construction	730' of 6"-8" CIPP lining	Jesse Luna	832.582.8420	\$ 39,040	Harris Co. WCID #114 - T.Constr.	AEI Engineering, Houston, TX.
Clarksburg	WV	Sep-13	Sep-13	24" Sewer Rehabilitation	210' of 24" CIPP lining	Tim Kenney, Project Mgr.	524.538.3900	\$ 30,000	State Pipe Services	Cranberry Township, PA
Lafayette	IN	Sep-13	Dec-13	Alcoa Sewer Rehabilitation	630' of 18"-24" CIPP lining	Diane Schrader, Project Mgr.	765.771.3311	\$ 192,000	Alcoa, Inc.	Lafayette, IN.
Palmetto	FL	Sep-13	Oct-13	TLC Diversified - International Dr.-Orange Co.	24' of 18" CIPP lining	Lars Allenbrink	941.722.0621	\$ 13,200	TLC Diversified, Inc.	Palmetto, FL
Laurel	MD	Sep-13	Dec-13	WSSC IDIQ 6 Task 19	593' of 8"-18" CIPP lining	Dan Hamilton, Project Mgr.	301.206.7316	\$ 590,282	WSSC, Laurel, MD	Owner
Clinton Twshp.	MI	Sep-13	Dec-13	Judson Gardens Sewer CIPP	19661' of 10"-18" CIPP lining	Scott Chabot, Project Engr.	586.781.8950	\$ 729,432	Charter Township of Clinton, MI	Giffels Webster, Washington, MI
Murrayville	GA	Sep-13	Sep-13	Kathy Lane 12" CIPP - Smyra, GA.	166' of 12" CIPP lining	David Brown, Project Mgr.	770.531.3877	\$ 13,250	Industrial Facilities Solutions	Murrayville, GA
Watertown	CT	Sep-13	Dec-13	Town of Weymouth, MA - NEPCCO	3800' of 6"-10" CIPP lining	Joseph Perotti, Proj. Mgr.	860.274.5469	\$ 115,750	NEPCCO, Watertown, CT	Beta Group, Inc., Norwood, MA
Pensacola	FL	Sep-13	Sep-13	Gulf Power Co - Smith Plant Services	Clean/CCTV 470' of 24" Storm Sewer	Shane Raffield	228.897.6290	\$ 7,050	Gulf Power Company	Pensacola, FL
Biddeford	ME	Sep-13	Sep-13	12" CIPP Lining	312" of 12" CIPP lining	Robert Sanchioni	207.286.9387	\$ 24,960	City of Biddeford, ME	Owner
Denver	CO	Sep-13	Sep-13	Emergency Project Hampden Heights	330' of 15"-24" CIPP lining	Luke Lopez, Project Manager	303.534.1231	\$ 36,600	Brannan Construction Co.	Denver, CO
Auburn	MA	Sep-13	Oct-13	Town of Belmont, MA for BLD Services	4100' of 6"-15" CIPP lining	Brendan Doyle, Project Mgr.	508.479.7202	\$ 164,005	BLD Services, LLC-Auburn, MA	Fay, Spofford & Thorndike, Burlington
Ft. Jackson	SC	Sep-13	Oct-13	Museum PIV 6"	PIV Replacement	Paige Fraylick, Project Mgr.	803.790.7288	\$ 4,349	PSUS, Ft. Jackson, SC	Owner
Largo	FL	Sep-13	Jan-14	Sewer Line Cleaning & Video Inspection	57050' of 12"-48" cleaning	Jim Wheaton, Inspector	727.587.6713	\$ 330,150	City of Largo, FL	Owner
Columbus	OH	Aug-13	Aug-14	2012 Annual Lining Contract	42988' of 8"-24" CIPP lining	Mike Griffith, Project Mgr.	614.645.2416	\$ 2,576,441	City of Columbus, OH	Stantec Consulting, Columbus, OH
Plantation	FL	Aug-13	Aug-12	PO 12273	350' of 12" CIPP	Charles Spencer	954.452.2544	\$ 18,008	City of Plantation	
Lakewood	CO	Aug-13	Sep-13	2013 Capital Improvements Project	773' of 8" CIPP lining	Engineering Department	303.985.3636	\$ 26,664	Bennett Bear Creek Farms Water	Lakewood, CO
Laurel	MD	Aug-13	Mar-14	WSSC IDIQ 6 Task 13	3897' of 8" CIPP lining	Dan Hamilton, Project Mgr.	301.206.7316	\$ 725,529	WSSC, Laurel, MD	Owner
Wilmington	NC	Aug-13	Feb-14	McCumber's Ditch Sewer System Rehab.	2727' of 10"-18" CIPP lining	Chris Bowling, P.E.	910.332.6673	\$ 1,053,835	Cape Fear Public Utility Authority	Wilmington, NC
Bay City	MI	Aug-13	Sep-13	2013 Sixth St. Sewer Rehabilitation	1920' of 30" CIPP lining	Robert Cousins, Proj. Mgr.	989.761.0131	\$ 211,200	L. J. Construction, Bay City, MI	Bay City Public Utilities, MI
Plantation	FL	Aug-13	Sep-13	Various Locations Plantation	400' of 8" CIPP lining	Charles Spencer, Purch. Mgr.	954.414.8899	\$ 15,620	City of Planation, FL	Owner
Sanford	FL	Aug-13	Aug-13	Fast Pipe Lining, Inc.	852' of 10"-15" CIPP lining	Marshall Martyn, Manager	815.220.1919	\$ 19,362	Fast Pipe Lining, Inc.	LaSalle, IL
Marietta	SC	Aug-13	Oct-13	Chestnut Rdige CIPP	961' of 8" CIPP lining	Billy Humphries, Operations	864.836.6878	\$ 33,683	Marietta Water & Sewer	Marietta, SC
Charlotte	NC	Aug-13	Nov-13	Sugar Creek Outfall Repair - Sanders Utility	520' of 66" CIPP lining	Connie, Project Administrator	704.399.5600	\$ 269,360	Sanders Utility Const., Charlotte	Parsons Brinckerhoff, Charlotte, NC
Charlotte	NC	Aug-13	Oct-13	48" CIPP Tryon St. Charlotte, NC	415' of 48" CIPP lining	Pete Gorry, Project Manager	704.588.0023	\$ 97,525	Blythe Development Company, Inc	Charlotte, NC
Wallace	NC	Aug-13	Jan-14	Burgaw, NC - Sewer Rehab. A. C. Schultes	9755' of 8"-10" CIPP lining	Allen Ormond, VP	910.285.7465	\$ 311,926	A. C. Schultes of Carolina, Inc.	Kimley-Horn & Assc., Cary, NC
Charlotte	NC	Aug-13	Oct-13	15" CIPP Lining - Charlotte	83' of 15" CIPP lining	Bill Cornett, Proj. Admin.	704.376.6372	\$ 14,510	Showalter Construction Co, Inc	Charlotte, NC
N.Port Richey	FL	Aug-13	Nov-13	Pasco County 2013	Sectional Liners, Grout voids	Warren Johnson	727.847.8145	\$ 12,525	Pasco County, FL	Owner
LaPorte	TX	Aug-13	Aug-13	WCID#74 - Horseshoe Construction	750' of 12" CIPP lining	Jesse Holt	281.478.5477	\$ 34,270	Horseshoe Const., LaPorte, TX	HDR Claunch & Miller, Houston, TX
W. Valley City	UT	Aug-13	Sep-13	13F Sewer Rehabilitation	8041' of 8"-42" CIPP lining	Brad Paxman, Dist. Engr.	801.968.3551	\$ 715,229	Granger-Hunter District	West Valley City, UT
Macon	GA	Aug-13	Apr-14	Tobesofkee Basin Sewer Rehab.	29140' of 8"-12" CIPP lining	Jess Shell, Project Engineer	478.464.5600	\$ 3,129,395	Macon Water Authority	Macon, GA
Boonville	IN	Aug-13	Sep-13	Warrick Co. Storm Sewer Powers Drive 30"	1729' of 30" CIPP lining	Brent Wendholt, Asst. Engr.	812.897.6094	\$ 362,630	Warrick Co. Dept. of Storm Water	Boonville, IN
Knoxville	TN	Aug-13	Aug-13	KUB 24" (Morgan Contracting)	80' of 24" CIPP lining	Vince Bayles, Project Mgr.	865.249.8640	\$ 21,565	Morgan Contracting, Baker, FL	Owner
Knoxville	TN	Aug-13	Aug-13	KUB Emergency SJ Louis Construction	350' of 24" CIPP lining	Sam Montoya, Project Mgr.	210.861.1450	\$ 38,360	SJ Louis Construction Co.	San Antonio, TX
Oviedo	FL	Aug-13	Sep-13	Stormwater Repair	1362' of 18"-36" CIPP lining	David Waller, Ops Mgr.	407.971.5667	\$ 137,956	City of Oviedo, FL	Owner
Canton	MA	Aug-13	Oct-13	National Water Main Cleaning Co.	1853' of 8"-15" CIPP lining	Petr Luciana, Project Engr.	800.422.0815	\$ 87,301	National Water Main, Canton, MA	Weston & Sampson, Peabody, MA

Layne Inliner, LLC 5-year Job List

Holland	IN	Aug-13	Nov-13	Wastewater System Improvements	3817' of 8" CIPP lining	Thomas Thacker, President	812.536.3640	\$ 99,242	Town of Holland, IN.	Midwestern Engineer, Loogootee, IN.
Westminster	MD	Aug-13	Feb-14	Carroll County Release #1 - UV Work	1958' of 8" UV lining	Cindy Miller, Buyer	410.886.2181	\$ 82,236	Carroll County, MD	Owner
Cheyenne	WY	Aug-13	Aug-13	Orchard park	985' of 8" CIPP lining	Jay Park	307.637.6171	\$ 33,980	Aztec Construction Co., Inc.	Cheyenne, WY
Clearwater	FL	Aug-13	Nov-13	Sanitary Release #10	414' of 36" CIPP lining	John Linton	727.464.4348	\$ 59,320	Pinellas County, FL	Owner
Indianapolis	IN	Aug-13	Mar-14	26th & Boulevard CIPF Lining	4874' of 24"-72" CIPP lining	Roger Hanas, Project Mgr.	317.429.3985	\$ 2,025,986	Citizens Energy Group	Indianapolis, IN
Clearwater	FL	Aug-13	Dec-13	Cross Bayou 42" Sanitary Sewer	521' of 42" CIPP lining	John Linton	727.464.4348	\$ 159,313	Pinellas County, FL	Owner
Castle Rock	CO	Aug-13	Dec-13	Glover 2013 CIPP Project	10550' of 8" CIPP lining	Jeanne Stevens, Project Mgr.	720.733.6033	\$ 319,129	Town of Castle Rock, CO	Owner
Parker City	IN	Aug-13	Nov-13	Sanitary Sewer Rehab - Monroe Central Sch.	9085' of 10"-12" CIPP lining	Reece Mann, Superintendent	765.468.6868	\$ 281,600	Monroe Central School Corp.	Midwestern Engineers, Loogootee, IN.
Pompano Bch.	FL	Aug-13	Aug-13	Port Everglades LS 17 Eller Drive	30' of 8" CIPP lining	Chris Shortz, Project Mgr.	954.971.2288	\$ 11,450	Trio Development Corporation	Pompano Beach, FL
Pompano Bch.	FL	Aug-13	Aug-13	Broward Mall- Trio Development Corp.	223' of 10" CIPP lining	Chris Shortz, Project Mgr.	954.971.2288	\$ 12,450	Trio Development Corporation	Pompano Beach, FL
Indianapolis	IN	Aug-13	Feb-14	Siphon Fletcher Avenue Sewer Rehab.	1395' of 24"-60" CIPP lining	Roger Hanas, Project Manager	317.429.3985	\$ 817,915	Citizens Energy Group	Indianapolis, IN
Denver	CO	Aug-13	Aug-13	Parkhill Storm PH IVA	70' of 10" CIPP lining	Stephanie Smeltzer	303.287.7770	\$ 11,970	Layne Heavy Civil	Denver, CO
Plantation	FL	Aug-13	Sep-13	Westfield Broward Mall	180' of 42" CIPP lining	Michael White, Project Mgr.	813.248.4341	\$ 38,350	Gerardi Construction, Inc.	Plantation, FL
Clearwater	FL	Aug-13	Dec-13	Sanitary Release #8	8958' of 8"-24" CIPP lining	John Linton	727.464.4348	\$ 568,183	Pinellas County, FL	Owner
Titusville	FL	Aug-13	Oct-13	City of Titusville 2013	649' of 18" CIPP lining	Jimmy Gager, Project Mgr.	321.383.5686	\$ 37,642	City of Titusville, FL	Owner
Corpus Christi	TX	Aug-13	Jan-14	City Wide Collection System Rehabilitation	3594' of 10"-18" CIPP lining	Fabian Castel, Project Mgr.	512.928.1420	\$ 447,150	City of Corpus Christi, TX	Coym, Rehmet & Guterrez
Friendly	WV	Aug-13	Aug-13	CIPP Lining Project	990' of 12"-24" CIPP lining	Jason Martin	513.965.6600	\$ 94,760	Momentive Performance Materials	Owner
Deland	FL	Aug-13	Dec-13	FDOT E5Q92 Clean Drainage Structures	Desilting Pipe 24"-60" Storm	Jamie Cfarter	386.943.5525	\$ 312,583	FDOT District 5, Deland, FL	Owner
Wichita,	KS	Jul-13	Oct-13	2015 Sanitary Sewer Rehab - Phase C (CIPP)	11515' of 8"-18" CIPP lining	Jeff Truhune, Project Engr.	316.268.4636	\$ 325,823	City of Wichita, KS	Owner
Laurel	MD	Jul-13	Aug-13	WSSC IDIQ 6 Task 18	1366' of 8"-18" CIPP lining	Dan Hamilton, Project Mgr.	301.206.7316	\$ 478,163	WSSC, Laurel, MD	Owner
Wilton Manors	FL	Jul-13	Aug-13	12" Storm Drain	160' of 12" CIPP lining	David Archacki, Dir. Of Utility	954.390.2190	\$ 8,000	City of Wilton Manors, FL	Owner
Cincinnati	OH	Jul-13	Aug-13	Loveland Excavating - Cincinnati, OH	98' of 24" CIPP lining	Jeremy Redmon	513.965.6600	\$ 19,600	Loveland Excavating	Fairfield, OH
Richmond	VA	Jul-13	Sep-13	Annual Release #5 Shockoe 27	2467' of 12"-36" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.5722	\$ 970,430	City of Richmond, VA	Jacobs
Indianapolis	IN	Jul-13	Mar-14	18th & Riverside Drive Sewer Rehab.	7356' of 36"-48" CIPP lining	Shari Foster, Project Engr.	317.429.3985	\$ 2,885,628	Citizens Energy Group	Indianapolis, IN
Clearwater	FL	Jul-13	Oct-13	Sanitary Release #9	506' of 36" CIPP lining	John Linton	727.464.4348	\$ 82,280	Pinellas County, FL	Owner
Valparaiso	IN	Jul-13	Aug-13	Wood St. Storm Sewer Lining	240' of 24" CIPP lining	Adam McAlaine, PE	219.462.1161	\$ 36,830	City of Valparaiso, IN	Owner
Richmond	VA	Jul-13	Sep-13	2012 Annual Release #4 Shockoe 04	1725' of 27"-45" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.5722	\$ 515,255	City of Richmond, VA	Jacobs - Tom Porizo
Sanford	FL	Jul-13	Oct-13	East Wekiva Trail - Seminole County	2017' of 30"-73" CIPP lining	Mark Flomerfelt	407.665.7116	\$ 530,135	Seminole County, FL	Owner
Lenoir	NC	Jul-13	May-14	Greensboro Contract 2012-95	5606' of 8"-36" CIPP lining	Jeff Greene, Project Engr.	828.757.0006	\$ 227,168	KRG Utility, Inc., Lenoir, NC	Owner
St. Petersburg	FL	Jul-13	Jul-14	Release #3A	11871' of 8"-18" CIPP lining	Mark Laney	727.893.7671	\$ 921,687	City of St. Petersburg, FL	Owner
Miramar	FL	Jul-13	Oct-13	Lift Stations 13 & 11	9791' of 8" CIPP lining	Whittingham Gordon	954.883.5845	\$ 400,000	City of Miramar, FL	Owner
Jackson	MI	Jul-13	Sep-13	2013 Sewer Rehabilitation Project	3243' of 8"-30" CIPP lining	Jon Dowling, City Engineer	517.788.4020	\$ 264,611	City of Jackson, MI	Owner
Laurel	MD	Jul-13	Jan-14	WSSC IDIQ 1 Task 28	2394' of 8"-12" CIPP lining	Mark Brown, Project Mgr.	301.206.7316	\$ 877,577	Washington Suburban Sanitary	Laurel, MD
Laurel	MD	Jul-13	Oct-13	WSSC IDIQ 6 Task 6	1077' of 8" CIPP lining	Dan Hamilton, Project Mgr.	301.206.7316	\$ 726,068	Washington Suburban Sanitary	Laurel, MD
Wichita	KS	Jul-13	Aug-13	Repair Sewers McConnell AFB	1019' of 8"-12" CIPP lining	Monte Lambert, Supt.	316.687.3110	\$ 52,279	Snodgrass & Sons Construction Co.	Wichita, KS
Mobile	AL	Jul-13	Oct-13	Conception St. 36" CIPP Lining Project	700' of 36" CIPP lining	Tim Dixon, Construction Mgr	251.476.4720	\$ 354,893	City of Mobile, AL	McCrory & Williams, Mobile, AL
Laurel	MD	Jul-13	Jan-14	WSSC IDIQ 1 Task 27	Open cut 2739' of 8" pipe	Mark Brown, Project Manager	301.206.7316	\$ 3,365,896	WSSC, Laurel, MD	Owner
Auburn	AL	Jul-13	Oct-13	2013 CIPP Project Stormwater	700' of 12"-52" CIPP lining	Dan Crowds, Project Mgr.	334.501.7260	\$ 120,210	City of Auburn, AL	Frazier Engineering
Owensboro	KY	Jul-13	Nov-13	CIPP Pipelining - F/Y 12-4	19804' of 8"-15" CIPP lining	Eric Glahn, Project Engineer	270.687.8452	\$ 593,693	Regional Water Resource Agency	Owensboro, KY
Spring	TX	Jul-13	Feb-14	Klein PUD SS Rehab Phase 10	15631' of 8"-10" CIPP lining	Ross Crawford, Constr. Mgr.	281.350.7027	\$ 397,399	Klein PUD, Spring, TX	AEI Engineering, Houston, TX.
Stafford	TX	Jul-13	Sep-13	Woodlands West Water & Sewer Rehab.	9802' of 6"-18" CIPP lining	Jason Kirby, P.E.	281.499.1039	\$ 304,334	Ft. Bend County WC&ID No. 2	Jones & Carter, Stafford, TX
Charleston	SC	Jul-13	Mar-14	Church Creek Interceptor	7183' of 36"-42" CIPP lining	Connie, Project Administrator	843.308.8201	\$ 2,497,374	City of Charleston, SC	URS, North Charleston, SC
Burlington	VT	Jul-13	Jul-13	Repair	220' of 38" CIPP lining	Steve Roy, Project Engineer	802.863.9094	No Amount	City of Burlington, VT	Owner

Layne Inliner, LLC 5-year Job List

Bozeman	MT	Jul-13	Nov-13	2013 Sewer Rehabilitation Project	15650' of 6"-10" CIPP lining	Amy Deitchler, PE	406.449.8627	\$ 1,340,465	City of Bozeman, MT	Great West Engrs., Helena, MT
Atlanta	GA	Jul-13	Jul-13	UGA 6"	863' of 6" CIPP lining	David Hess, Project Manager	770.263.7234	\$ 39,435	Site Engineering, Atlanta, GA	Owner
Okatie	SC	Jul-13	Jul-13	BJWSA Pump Station CIPP Lining #2 10"-12"	158' of 10"-12" CIPP lining	Dennis Holland, Project Mgr.	843.987.9229	\$ 7,375	Beaufort-Jasper Water & Sewer	Okatie, SC
Okatie	SC	Jul-13	Jul-13	BJWSA Pump Station CIPP Lining #1 10"	20' of 10" CIPP lining	Brian Chemsak, PE	843.9887.9229	\$ 4,800	Beaufort-Jasper Water & Sewer	Okatie, SC
Mishawaka	IN	Jul-13	Aug-13	Fairmount Area Rehabilitation	3913' of 8"-18" CIPP lining	Engineering Department	574.258.1619	\$ 172,057	City of Mishawaka, IN.	Owner
Hillsboro	KS	Jun-13	Jun-13	2013 Sanitary Sewer Rehabilitation	401' of 8" CIPP lining	Mike Duerksen, Supervisor	620.947.3162	\$ 11,830	City of Hillsboro, KS	Owner
Bartow	FL	Jun-13	Jul-13	Polk County - Carter Road	682' of 24"-36" CIPP lining	Carolyn Cusano, Procurement	863.534.6757	\$ 85,635	Polk County, FL	Owner
Port Charlotte	FL	Jun-13	Aug-13	Structure Rehabilitation 2013	Raven 405 1065 SF	Randy Vowell, Contr. Spec.	941.743.1378	\$ 51,675	Charlotte County	Port Charlotte, FL
Viera	FL	Jun-13	Aug-13	Storm Po#4500078261	378' of 48"-66" CIPP lining	Scott Spillman, Cent.Area Mgr	321.617.7390	\$ 152,538	Brevard County, FL	Owner
Madeira Beach	FL	Jun-13	Dec-13	CCTV Stormwater Drainage Outfalls	Clean & TV 13837 LF	David Marsicana, Dir. Of Serv.	727.399.2631	\$ 162,929	City of Madeira Beach, FL	Owner
Whiteland	IN	Jun-13	Jun-13	Janssen Lateral Rehabilitation	Janssen Lateral of 6" PVC	Rusty Snyder, WWTP Supt.	317.535.7627	\$ 5,000	Town of Whiteland, IN	Owner
Newaygo	MI	Jun-13	Jun-13	M37 12" & 15" Storm Sewer Rehab. Kent Co.	41' of 12"-15" CIPP lining	Bill Byrne	616.242.6900	\$ 18,000	Kent Co. Road Commission	Grand Rapids, MI
Wichita	KS	Jun-13	Oct-13	2013 Sewer Rehab. Phase B (CIPP)	8709' of 8" CIPP lining	Jeff Truhune, Project Engr.	316.268.4636	\$ 200,530	City of Wichita, KS	Owner
Knoxville	TN	Jun-13	Aug-13	WKUD Mini Basi 9D	4950' of 8" CIPP lining	Vince Bayles, Project Mgr.	865.249.8646	\$ 154,350	Morgan Contracting, Baker, FL	West Knox Utility District, Knoxville, TN
Mt. Pleasant	TN	Jun-13	Nov-13	2010 Disaster Recovery Sewer Rehab.	3885' of 15"-18" CIPP lining	Bobby Nutt, Dir. Of Public Wk	931.379.7717	\$ 223,843	City of Mt. Pleasant, TN	Barge Waggoner Sumner, Nashville, TN
Indianapolis	IN	Jun-13	Jun-13	Glendale-DHR-Jenssen Demo	Janssen Seal Installation	Shelia Griffin	317.232.4150	\$ 5,000	Dept. of Natural Resources	Indianapolis, IN
Lakewood	CO	Jun-13	Sep-13	2013 Sanitary Sewer Improvements	6 Open Cut pt. repairs on 3 lines	Patrick Roberts, Engr. II	303.431.6100	\$ 98,888	East Jefferson Co., Lakewood, CO	Martin & Martin, Inc., Lakewood, CO
Dayton	OH	Jun-13	Aug-13	Upper Riverdale Liner Installation, Phase 3	18006' of 8" CIPP lining	Corey Kinnison, Sr. Engineer	937.333.3725	\$ 655,490	City of Dayton, OH	Owner
Laurel	MD	Jun-13	Nov-13	WSSC IDIQ 6 Task 10	3786' of 8"-33" CIPP lining	Dan Hamilton, Project Mgr.	301.206.7316	\$ 1,646,485	WSSC, Laurel, MD	Owner
Goshen	IN	Jun-13	Jul-13	Sewer Lining	1965' of 12"-18" CIPP lining	Dustin Sailor, Engr. Dept.	574.537.3814	\$ 78,514	City of Goshen, IN	Owner
Daytona Beach	FL	Jun-13	Jun-13	Skylake Subdivision MH Rehab.	Raven 405 Manhole Rehabilitation	Jerry	386.295.9075	\$ 7,076	Progressive Contractors, Inc.	Daytona Beach, FL
Niceville	FL	Jun-13	Sep-13	Eglin Air Force Base	288' of 60"x84" ECMP	James Foster, Sr. VP	850.897.0210	\$ 263,393	EMR, Inc., Niceville, FL	Owner
Decatur	AL	Jun-13	Sep-13	Sewer Mains Pipe Rehabilitation (CIPP)	1922' of 18" CIPP lining	Mickey Jones, Director	256.552.1459	\$ 240,862	Decatur Utilities, Decatur, AL	Owner
Burlington	NC	Jun-13	Jul-13	MMTP 42" Pipe Rehabilitation	22' of 42" CIPP lining	Jeff Davis, PC	704.439.7726	\$ 26,420	City of Burlington, NC	Hazen & Sawyer, Charlotte, NC
Snellville	GA	Jun-13	Aug-13	Hickory Lane Drive Storm Drain Repair	500' of 48" CIPP lining	Gaye Johnson, Director	770.985.5500	\$ 124,838	City of Snellville, GA	Clark Patterson Lee, Suwanee, GA
Laurel	MD	Jun-13	Dec-13	WSSC IDIQ 6 Task 14	5354' of 8"-18" CIPP lining	Dan Hamilton, Project Mgr.	301.206.7316	\$ 1,324,024	WSSC, Laurel, MD	Owner
Columbia	MD	Jun-13	Jul-13	Lateral Seals	Laterals Seal Installation	Mike Decker, Buyer	410.313.6375	\$ 158,970	Howard Co., Columbia, MD	Owner
Raleigh	NC	Jun-13	Jun-13	McDonald's 6" Lining for Hudson Co.	60' of 6" CIPP lining	Connie, Project Administrator	256.657.6100	\$ 27,000	Hudson Company of Tennessee	Henagar, AL
Knoxville	TN	Jun-13	Dec-13	2nd Creek Mini Basin 10B1	995' of 8"-10" CIPP lining	Vince Bayles, Project Mgr.	865.249.8646	\$ 37,295	Morgan Contracting, Baker, FL	KUB, Knoxville, TN
Knoxville	TN	Jun-13	Dec-13	4th Creek Mini Basin 36A3-KUB	8203' of 8" CIPP lining	Vince Bayles, Project Mgr.	865.249.8646	\$ 260,765	Morgan Contracting, Baker, FL	KUB, Knoxville, TN
Coconut Creek	FL	Jun-13	Jul-13	30" Storm PO# 120722 & 120758	675' of 30" CIPP lining	John Lukaszewicz, Supt.	954.973.6782	\$ 99,570	City of Coconut Creek, FL	Owner
Clermont	FL	Jun-13	Sep-13	2013 Lining Project	3879' of 8"-15" CIPP lining	Jerrone McLaren, Env. Serv.	352.241.0178	\$ 119,664	City of Clermont, FL	Owner
Clearwater	FL	Jun-13	Sep-13	Alfred Park Stormwater Assessment	Clean & TV 18"-48"	Don McCullers	727.530.3505	\$ 40,992	Cardno TBE, Clearwater, FL	Owner
Ft. Riley	KS	Jun-13	Aug-13	Fort Riley, KS - Sewer Repairs	6615' of 6"-15" CIPP lining		816.241.2891	\$ 178,934	Ace Pipe Cleaning - Ft. Riley, Ks	Owner
Clearwater	FL	Jun-13	Sep-13	Sanitary Release #7	4616' of 8"-18" CIPP lining	John Linton	727.464.4348	\$ 130,762	Pinellas County, Clearwater, FL	Owner
Clearwater	FL	Jun-13	Aug-13	PO ST109553 Fairbanks Avenue	151' of 30" CIPP lining	Melvin Maciolek, Proj. Mgr.	727.562.4781	\$ 17,969	City of Clearwater, FL	Owner
N. Lauderdale	FL	Jun-13	Jun-13	PO# 20130358	371' of 8" CIPP lining	George Krawczyk, Proj. Mgr.	954.772.0900	\$ 11,872	City of North Lauderdale, FL	Owner
South Shore	KY	Jun-13	Aug-13	Lateral Launching	25-30 Services Lateral Launching	Cheryl Moore, Mayor	606.932.6144	\$ 8,125	City of South Shore, KY	Owner
Apopka	FL	Jun-13	Jun-13	Stagedoor II Manhole Rehabilitation	Raven 405 125 mil - 11 VF	Shelby Hasselbach	407.578.2918	\$ 4,993	Stagedoor II - Apopka, FL	Owner
Hanover	IN	Jun-13	Jun-13	Setterlin Bldg.-Lynn Hail Renovations	420' of 12" CIPP lining	Jesse Fry, Project Manager	614.586.0238	\$ 25,017	Hanover College, IN.	Setterling Bldg. Co., Columbus, OH

Layne Inliner, LLC 5-year Job List

Pittsburgh	PA	Jun-13	Jun-13	Shop & Save 20" Sewer Rehabilitation	220' of 20" CIPP lining	Steve Mott, Project Manager	412.361.6678	\$ 33,450	Norelco Corporation	Pittsburgh, PA
Largo	FL	Jun-13	Sep-13	Storm Buena Vista Drive	986' of 18"-36" CIPP lining	Jim Wheaton, Project Mgr.	727.587.6713	\$ 109,185	City of Largo, FL	Owner
Stuart	FL	Jun-13	Jul-13	Sewer Cleaning & Televising	26703' of CCTV of sewers	David Peters, Public Wks.Dir.	772.288.1292	\$ 47,000	City of Stuart, FL	Owner
Lakewood	CO	Jun-13	Jan-14	NWLSD 2013 Sanitary Sewer Improvements	4787' of 8"-18" CIPP lining	Patrick Roberts, Engr. II	303.431.6100	\$ 230,226	Martin & Martin, Inc.	Lakewood, CO
Port Orange	FL	Jun-13	Mar-14	Port Orange Storm 2013	6119' of 16" - 36" CIPP Storm	Tom Cinefro, Purchasing Mgr.	386.506.5500	\$ 445,111	City of Port Orange, FL	Owner
Braselton	GA	May-13	Sep-13	CCTV Chateau Elan	CCTV & Clean 1000' of 8" Sewers	Russ Brink, Project Engineer	706.654.3915	\$ 13,677	City of Braselton, GA	Owner
Cranberry Twp	PA	May-13	May-13	ARG-Bradford Storm Line Rehabilitation	480' of 26" CIPP lining	Tim Kenney, Project Mgr.	524.538.3900	\$ 86,400	State Pipe Services	Cranberry Township, PA
Colorado Sprgs	CO	May-13	Jun-13	Task Order 48	21270' of 8" CIPP lining	Andrew Pinello, PM	719.668.4488	\$ 705,678	Colorado Springs Utilities	Colorado Springs, CO
Charleston	WV	May-13	Dec-13	Lick Branch South Ruffner Sub Area Sewer	5517' of 8"-10" CIPP lining	Scott Pierson, Project Mgr.	304.542.7143	\$ 181,832	Pipe Plus, Inc., Nitro, WV	Burgess & Niple
Englewood	OH	May-13	May-13	Lateral Reinstatements	Lateral Reinstatements	Pat Fitzgerald	937.836.5106	\$ 3,600	City of Englewood, OH	Owner
Lawrence	KS	May-13	Jun-14	2013 Sanitary Sewer Rehab. CIPP	17405' of 8"-12" CIPP lining	Bob Brower, Coll. Oper.Sup.	785.832.3000	\$ 395,936	City of Lawrence, KS	Owner
Jackson	MS	May-13	Mar-14	West Bank Sewer Rehab. Contract 1	6399' of 27"-54" CIPP lining	Jim Stewart, P.E.	601.957.0999	\$ 5,753,380	City of Jackson, MS	Southern Consultants, Jackson, MS
Marion	KS	May-13	Jun-13	Jex Addition Wastewater Improvements	575' of 8" CIPP lining	Frank Oursler, Project Mgr.	620.983.2532	\$ 17,825	Middlecreek Corp., Marion, KS	Owner
Lenexa	KS	May-13	Nov-13	83rd & Acuff Storm Drainage Improvements	2827' of 15"-24" CIPP lining	Thomas Hudgens, Proj. Mgr.	816.331.9556	\$ 198,832	Redford Constr., Lenexa, KS	Owner
Mobile	AL	May-13	Aug-13	City Wide Drainage Improvements	1030' of 15"-48" CIPP lining	Tim Dixon, Construction Mgr	251.694.3100	\$ 267,471	City of Mobile, AL	ECS Consulting Engrs., Theodore, AL
Wilmington	NC	May-13	Jul-13	Southside WWTP Drain Line	550' of 30"-36" CIPP lining	Connie, Project Administrator	910.799.6064	\$ 212,552	Cape Fear Public Utility Authority	Wilmington, NC
Kings Bay	GA	May-13	Jun-13	Kings Bay Naval Submarine Base Culvert Rep.	856' of 15"-36" CIPP lining	Brian Twomley, PM	904.579.2120	\$ 122,738	U.S.Navy/SWEAT (Prime Contr)	Pensacola, FL
Richmond	VA	May-13	May-13	Release #3, Tiber Lane	975' of 12" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.5722	\$ 73,000	City of Richmond, VA	Jacobs
47660217	FL	May-13	Jul-13	Manhole Rehab. 2013	Seal & recoat 48" diam. MH 142 VF	Robert Guest	407.599.3315	\$ 42,600	City of Winter Park, FL	Owner
Laurel	MD	May-13	Jul-13	WSSC IDIQ 6 Task 23	Stream Bed Restoration	Dan Hamilton, Project Mgr.	301.206.7316	\$ 390,827	WSSC, Laurel, MD	Owner
Richmond	VA	May-13	May-13	Annual Release #2-Almont Crk Investigation	2012 Annual	Susan Hamilton, Oper. Mgr.	804.646.5722	\$ 173,701	City of Richmond, VA	Jacobs
Laurel	MD	May-13	Nov-13	WSSC IDIQ 6, Task 3	7152' of 8"-15" CIPP lining	Dan Hamilton, Project Mgr.	301.206.7316	\$ 1,654,679	WSSC, Laurel, MD	Owner
Decatur	GA	May-13	Jul-13	Lucerne St. 8" Pipe Burst	180' of 8" Pipe Burst, CCTV	T. Perdue, Construction Mgr	678.758.8021	\$ 24,928	DeKalb County, Decatur, GA	Owner
Ft. Collins	CO	May-13	Jun-13	48" Storm Sewer Rehabilitation	35' of 48" CIPP Storm sewer	Roland Tremble, Project Mgr	970.223.3151	\$ 26,250	Connell Resources, Ft. Collins, CO	Owner
Ft. Collins	CO	May-13	May-13	15" Storm Sewer Rehabilitation	97' of 10"-14" CIPP Storm sewer	Hank Richardson, Supt.	970.416.2494	\$ 8,400	City of Ft. Collins Stormwater	Ft. Collins, CO
Tonawanda	NY	May-13	Oct-13	Town of Tonawanda, NY	33000' of 8"-15" CIPP lining	Richard Szucs, JR, Proj. Mgr.	716.675.7245	\$ 939,650	Kanday Co., Inc., West Seneca, NY	Owner
Berkley	CO	May-13	Jun-13	2013 Sanitary Sewer Improvements	692' of 8" CIPP lining	Bill King, Owner	303.287.4900	\$ 22,502	Levi Contractors, Berkley, CO	Martin & Martin
Portland	ME	May-13	Sep-13	City of Portland, ME	1310' of 8"-36" CIPP lining	Matthew Callahan, Proj. Mgr.	207.784.7944	\$ 169,723	St. Laurent & Sons, Lewiston, ME	City of Portland DPW, Portland, ME
Jeffersonville	IN	May-13	Sep-13	Beechwood Drive - Oak Park Conservancy	883' of 8" CIPP lining	Keith Ingram, Supt. Of WWTP	812.283.3960	\$ 47,537	Oak Park Conservancy District	Jeffersonville, IN.
Aspen	CO	May-13	Jun-13	2013 CIPP Rehabilitation	12674' of 6"-18" CIPP lining	Tom Bracewell, Supt.	970.925.3601	\$ 349,732	Aspen Consolidated Sanitation	Aspen, CO
Houston	TX	May-13	Sep-13	Sanitary Sewer Rehab. Phase 3	3215' of 6"-15" CIPP lining	Ross Crawford, Constr. Mgr.	281.350.7027	\$ 357,788	Harris Co. MUD# 18, Houston, TX	AEI Engineering, Houston, TX.
Houston	TX	May-13	Sep-13	Phase 3B, 4A & 5A Sewer Rehabilitation	7558' of 6"-8" CIPP lining	Chris Burke, Project Engr.	713.784.7830	\$ 225,620	Harris Co. MUD# 113, Houston, TX	Sander Engineering
Houston	TX	May-13	Jun-13	Eldridge Parkway	960' of 15" CIPP lining	Kirk Williamson, Constr.Mgr.	713.784.4500	\$ 72,001	Harris Co. MUD# 158, Houston, TX	Edminster, Hinshaw, Russ & Assoc.
Houston	TX	May-13	Jun-13	Northmead Village, Section One	2246' of 8"-10" CIPP lining	Gary Gossler, Project Engr.	281.558.8700	\$ 92,832	Harris Co. MUD# 162, Houston, TX	Brown & Gay Engineers
Augusta	ME	May-13	May-13	PO# 13000201-00	330' of 10" CIPP lining	Andy Begin, Ass. Gen. Mgr.	207.622.3701	\$ 14,850	Greater Augusta Utility District	Augusta, ME
Waterville	ME	May-13	Jun-13	Phase III	1836' of 12"-18" CIPP lining	Roland Lapointe, Supt.	207.872.5191	\$ 132,583	Waterville Sewerage District	Waterville, ME
Groton	CT	May-13	Jun-13	Sewer Lining	3415' of 18"-30" CIPP lining	Bruce Kruszewski, PM	860.446.4073	\$ 239,110	City of Groton, CT	Owner
Boston	MA	May-13	Oct-13	BWS 12-308-001 Fed Corp	2050' of 10"-24" CIPP lining	Lester Valente, Project Engr.	781.329.1044	\$ 102,325	Fed Corp, Dedham, MA	Boston Water & Sewer Commission

Layne Inliner, LLC 5-year Job List

Decatur	AL	May-13	Oct-13	BP Decatur CCTV	CCTV	Kevin Graben, PE	256.340.0550	\$ 50,000	BP Amoco Chemical Co.	Decatur, AL
Derby	KS	May-13	Jun-13	City of Derby CIPP 2013	6500' of 8" CIPP lining	Carl Rose, Wastewater Supt.	316.788.1519	\$ 143,000	City of Derby, KS	Owner
Sommerville	MA	Apr-13	Jan-14	A. R. Belli, Inc.	6781' of 8"-36" CIPP lining	Cynthia Sementelli, President	617.332.8855	\$ 468,348	A.R.Belli, Inc., Newtonville, MA	MassDOT - Highway Div., Boston, MA
Smithfield	RI	Apr-13	Jun-13	Rogler Farm Road Sewer System Repairs	890' of 8" CIPP	Joseph Perotti, Project Mgr.	860.274.5469	\$ 32,930	NEPCCO - Watertown, CT	CDM Smith, Inc., Providence, RI
Cranberry Twp	PA	Apr-13	May-13	2013 Sewer Repair Phs 1, Harrison Twsp.	1781' of 10"-15" CIPP lining	Tim Kenney, Project Mgr.	524.538.3900	\$ 97,516	State Pipe Services	Cranberry Township, PA
Tampa	FL	Apr-13	Apr-14	Hillsborough Co. MH & Line Clean/Inspection	MH & line cleaning	Gil Gardner, Project Manager	813.272.5790	\$ 827,792	Hillsborough County, FL	Owner
Muskegon	MI	Apr-13	Jul-13	Ruddiman Creek Interceptor Rehab. Phs 2/3	5140' of 12"-30" CIPP lining		616.364.8491	\$ 798,430	Muskegon County, MI	Prein & Newhof, Grand Rapids, MI
Cranberry Twp	PA	Apr-13	May-13	Sewer Rehabilitation - Forest Hills, PA	472' of 8" CIPP lining	Tim Kenney, Project Mgr.	524.538.3900	\$ 18,880	State Pipe Services	Cranberry Township, PA
Villa Rica	GA	Apr-13	Jul-13	Villa Rica CCTV	CCTV Work	Derek Burton	678.840.1406	\$ 8,544	City of Villa Rica, GA	Owner
Laurel	MD	Apr-13	Nov-13	WSSC IDIQ 6, Task 8	8004' of 8"-33" CIPP lining	Dan Hamilton, Project Mgr.	301.206.7316	\$ 2,422,157	WSSC, Laurel, MD	Owner
Lisbon	ME	Apr-13	Jun-13	CIPP Lining Sewer Project	558' of 6"-8" CIPP lining	Ryan Leighton, Engineer	207.353.3000	\$ 45,550	Town of Lisbon, ME	Owner
Colorado Sprgs	CO	Apr-13	Apr-13	Emergency Tap Reinstatement	Tap Reinstatement	Andrew Pinello, Project Mgr.	719.668.4488	\$ 6,613	Colorado Springs Utilities	Colorado Springs, CO
Oldsmar	FL	Apr-13	Aug-13	8" CIPP lining	2310' of 8" CIPP lining	Charles Lee, Project Manager	813.749.1226	\$ 91,708	City of Oldsmar, FL	Owner
Wilson	NC	Apr-13	May-13	Barton College Area Utilities	TV/Clean	Connie, Project Administrator	252.237.3663	\$ 4,075	Ralph Hodge Construction Co.	Wilson, NC
Manhattan	KS	Apr-13	Aug-13	2013 CIPP	20338' of 8" CIPP lining	Norm Francis, Utility Supt.	785.587.2415	\$ 427,098	City of Manhattan, KS	Owner
Norcross	GA	Apr-13	Apr-13	FC-5226 City of Atlanta	1500' of 8" CIPP lining	Chandra Norton, President	404.745.9000	\$ 50,000	Camken Consulting, Inc.	Norcross, GA
College Park	GA	Apr-13	Apr-13	Messina Way - Atlanta, GA	80' of 8" CIPP lining	Marion Lewis, Project Mgr.	404.349.8228	\$ 7,795	Kemi Construction	College Park, GA
Nashville	TN	Apr-13	May-13	Single Installation 8"	100' of 8" CIPP lining	Jeramie White, Project Mgr.	615.425.7575	\$ 2,900	Layne - Nashville Office	Nashville, TN.
Winter Park	FL	Apr-13	Oct-13	Winter Park FY 2013	6580' of 8"-12" CIPP lining	Robert Guest	407.599.3315	\$ 231,110	City of Winter Park, FL	Owner
Charlotte	NC	Apr-13	Apr-13	Tempsford St.	240' of 30" CIPP lining	Connie, Project Administrator	863.471.5141	\$ 61,400	Showalter Construction Co, Inc	Charlotte, NC
Bridgeport	CT	Apr-13	Jun-13	Bridgeport-Steelepoint Roadway Impvt. Proj.	2170' of 8"-21" CIPP lining	Tim Tarini, Constr. Coord.	203.469.7487	\$ 145,000	C.J. Fucci, Inc., New Haven, CT	Dept. of Public Facilities, Bridgeport, CT
Memphis	TN	Apr-13	May-13	Androscoggin Mill - Jay, ME	1050' of 36" CIPP lining	Curt Treadwell, Sr. Proj.Mgr.	207.897.1545	\$ 481,950	Verso Paper Corp.	Verso Androscoggin, LLC, Jay, ME
Lakeland	FL	Apr-13	May-13	Mallards of Wedgewood Apartments	180' of 24" CIPP lining	Troy Chastain, Sr. Proj.Mgr.	678.489.2900	\$ 21,510	Contractors Inc., Fairburn, GA	Owner
Stone Mt.	GA	Apr-13	Oct-13	Waterline Replacement Group 1	13000' of 6"-8" waterline replace	Wade Davis, Constr. Mgr.	678.758.5084	\$ 2,659,553	DeKalb Co. Watershed Mgmt.	Stone Mountain, GA
Beaumont	TX	Apr-13	Apr-13	Exxon Mobil Beaumont	460' of 42" CIPP lining	James Robinson, Rep.		\$ 150,000	Exxon Mobil, Beaumont, TX	Gibbons SW Construction, Tomball, TX
Louisville	KY	Apr-13	Aug-13	Lake Forest I&I Rehabilitation	1858' of 8" CIPP lining	Andrea Rogers, Program Mgr.	502.540.6427	\$ 60,673	Louisville & Jefferson County MSD	Louisville, KY
Franklin	IN	Apr-13	Apr-13	Adams St. Emergency Lining	336' of 10" CIPP lining	Travis Underhill, P.E.	317.346.1260	\$ 27,402	City of Frnaklin, IN	Owner
Charlotte	NC	Apr-13	May-13	Archibald Court	205' of 15" CIPP lining	Connie, Project Administrator	863.471.5140	\$ 28,700	City of Charlotte Storm Water	Charlotte, NC
Lakeland	FL	Apr-13	Aug-13	PO# 251829	1132' of 12"-30" CIPP lining	Larry Schuler, Drain.Foreman	863.834.6780	\$ 113,455	City of Lakeland, FL	Owner
Mulvane	KS	Apr-13	Jul-13	Sewer Main Rehabilitation	1940' of 8" CIPP lining	Galen Cummins, Util.Gen.Dir.	316.777.9775	\$ 43,650	City of Mulvane, KS	Owner
Lyons	KS	Apr-13	Jul-13	Sewer Line Project 2013	915' of 8" CIPP lining	David Kendrick, Util. Supt.	620.257.2320	\$ 24,248	City of Lyons, KS	Owner
Perrysville	OH	Apr-13	Apr-13	Village of Perrysville - Sewer Improvements	1795' of 8" CIPP lining	Jason Wendling	419.683.4200	\$ 89,750	Elite Excavating, Mansfield, OH	Owner
Parsons	KS	Apr-13	Jun-13	CIPP 2013	1772' of 8"-18" CIPP lining	Dereck Clevenger, Util. Dir.	620.421.7000	\$ 62,934	City of Parsons, KS	Owner
Andover	KS	Apr-13	May-13	CIPP 2013	4800' of 8" CIPP lining	Lance Durfee	316.733.1303	\$ 100,560	City of Andover, KS	Owner
Clearwater	FL	Apr-13	Aug-13	Sanitary Release #6	16837' of 8"-15" CIPP lining	John Linton	727.464.4348	\$ 490,023	Pinellas County, Clearwater, FL	Owner
Charlotte	NC	Apr-13	Apr-13	Trade St. Storm Drainage	549' of 36"-48" CIPP lining	William Cornett, Proj. Admin	704.376.6372	\$ 109,370	Showalter Construction Co, Inc	Charlotte, NC
Greenville	NC	Apr-13	Jul-13	Green Mill Run	11671' of 18" - 27" CIPP lining	Scott Potter, Project Admin.	252.752.7166	\$ 1,662,345	Greenville Utilities, Greenville, NC	URS, Virginia Beach, VA
Wallingford	CT	Apr-13	Jun-13	2012-13 Contract	3611' of 8"-15" CIPP lining	Terry Smith, Superintendent	203.294.2115	\$ 475,000	Town of Wallingford, CT	Wallingford Water & Sewer District
Salina	KS	Mar-13	Jun-13	Pump-N-Pete's #12	650' of 8" CIPP lining	Brad Oentrich, Env. Spec.	785.826.1616	\$ 27,450	Geo Core, Inc., Salina, KS	Owner
Laurel	MD	Mar-13	Sep-13	WSSC IDIQ - 1 Task 26	4472' of 8" CIPP lining	Mark Brown, Project Manager	301.206.7316	\$ 472,832	WSSC, Laurel, MD	Owner
Ft. Collins	CO	Mar-13	May-13	P-7106 Cured In Place Pipe Sanitary Sewers	10788' of 8"-10" CIPP lining	Ray Fisher, WW Collection	970.221.6233	\$ 375,000	City of Fort Collins, CO	Owner
Winter Springs	FL	Mar-13	Mar-14	2013 PO# 00131157-00	4723' of 8"-15" CIPP lining	Miquel Sanchez	407.327.1800	\$ 191,965	City of Winter Springs, FL	Owner
Johns Island	SC	Mar-13	Dec-13	Seabrook Island Rehab 2013	2526' of 15"-36" CIPP lining	John B. Wells, Proj. Admin.	843.725.1562	\$ 481,858	Seabrook Island Property Owners	Johns Island, SC
Clermont	FL	Mar-13	Mar-14	2013 PO# 2012-83	Cleaning of 150,000 main lines	James Kinzler, Project Mgr.	352.241.0178	\$ 150,000	City of Clermont, FL	Owner

Layne Inliner, LLC 5-year Job List

Rogers	AR	Mar-13	Aug-13	Sanitary Sewer Rehabilitation Phase 2	20275' of 6"-15" CIPP lining	Earl Rausch, Engr. Manager	479.621.1142	\$ 688,985	Rogers Water Utilities	Rogers, AR
Greenville	NC	Mar-13	May-13	College Hill Drive Storm Drainage Repair	524' of 30"-36" CIPP lining	Ricky Hill, Exec. Director	252.328.6858	\$ 75,880	East Carolina University	Greenville, SC
New Port Richey	FL	Mar-13	Jun-13	Storm Lines	390' of 18"-24" Storm CIPP	Dominic Bellezza	727.841.4546	\$ 37,865	City of New Port Richey, FL	Owner
Grove City	OH	Mar-13	May-13	Southwest Blvd. Sewer Rehabilitation	4531' of 15"-18" CIPP lining	Jody Sucharski, Project Mgr.	614.775.4559	\$ 307,148	City of Grove City, OH	EMH&T, Columbus, OH
Charlotte Co	FL	Mar-13	Jun-13	Charlotte County WO #6	1033' of 28"-72" CIPP lining	Randy Vowell	941.743.1378	\$ 374,743	Charlotte County, FL	Owner
Safety Harbor	FL	Mar-13	Jun-13	24" Storm Sewer PO 298569	241' of 24" CIPP lining	Bob Ferris	727.724.1555	\$ 23,136	City of Safety Harbor, FL	Owner
Charlotte	NC	Mar-13	Apr-13	Chicory Drive 18" CIPP	198' of 18" CIPP lining	Kenneth Cooks, Proj. Admin.	704.889.2855	\$ 29,900	Bullseye Construction	Owner - Pineville, NC
Haysville	KS	Mar-13	May-13	CIPP Turkle St./Christine Ct.	5770' of 8"-18" CIPP lining	Dave Harper, WW Supt.	316.529.5940	\$ 162,800	City of Haysville, KS	Owner
Atlanta	GA	Mar-13	Apr-13	Inman Yard Pipe Lining & MH Replacement	400' of 30" CIPP lining	Tom Wurzinger, Env.Engr.	678.202.9500	\$ 81,990	Geosyntec, Kennesaw, GA	Owner
Marion	OH	Mar-13	Apr-13	Various Sewer Linings	5392' of 10"-42" CIPP lining	Michael Karafo, Project Mgr.	419.473.9611	\$ 641,352	City of Marion, OH	Jones & Henry Engineers, Toledo, OH
Chester	VA	Mar-13	May-13	30" Storm Line Dupont, OH	162' of 39" Storm Line CIPP	Dean Ferrante	800.267.9810	\$ 44,550	Envanco Environmental Technology	Chester, VA
Ft. Wayne	IN	Mar-13	May-13	COFW - 30" CIPP Installation	75' of 30" CIPP lining	Andi Adams, Constr. Mgr.	260.427.2684	\$ 8,250	City of Fort Wayne, IN.	Owner
Nashville	TN	Mar-13	Aug-13	Metro - 2011 CSSDR	7350' of 8"-18" CIPP lining	Phil Regen, Project Manager	615.862.4970	\$ 729,740	Metro Water Services, Nashville	CH2M Hill, Nashville, TN.
New Pt.Richey	FL	Mar-13	May-13	Sanitary Lines	5452' of 8"-10" CIPP lining	Dominic Bellezza	727.841.4546	\$ 200,000	City of New Port Richey, FL	Owner
Deltona	FL	Mar-13	Mar-14	Sanitary 2013 PO# 13437-00	7142' of 8" CIPP lining	Jeff Elder	386.878.8100	\$ 250,000	City of Deltona, FL	Owner
Newton	KS	Mar-13	Apr-13	Sanitary Sewer Rehabilitation	3636' of 6"-8" CIPP lining	Jaime Goering, P.E.	316.284.6020	\$ 150,302	City of Newton, KS	Professional Engr. Const., Wichita, KS
Spartanburg	SC	Mar-13	Mar-13	Emergency Sewer Line 18" VCP	200' of 18" CIPP lining	Steve Grant, PE	864.598.7218	\$ 28,100	Spartanburg Sanitary Sewer Dist.	Spartanburg, SC
Hanover	IN	Mar-13	May-13	March 2013 CCTV & Cleaning	CCTV & Cleaning of Sewers	Scott Williams	812.801.1389	\$ 14,000	Town of Hanover, IN	Owner
Demopolis	AL	Mar-13	Mar-13	Demopolis Mill - Rock- Tenn. Co.	260' of 16" CIPP lining	Todd Owen, Project Mgr.	334.289.6408	\$ 114,720	Rock-Tenn Company	Demopolis, AL
Howard County	MD	Mar-13	Jul-14	Sewer Rehabilitation	9580' of 8" CIPP lining	Mike Decker, Buyer	410.313.6375	\$ 456,700	Howard County, MD	Owner
Mooreville	NC	Mar-13	Jun-13	2013 Sewer Improvements Project	4965' of 12"-24" CIPP lining	Alan Saine, Project Manager	704.663.7282	\$ 325,985	Town of Mooreville, NC	Owner
Charlotte	NC	Mar-13	Mar-13	Clariant Corporation-Stormwater CIPP Lining	302' of 24"-36" CIPP	Bubby Anderson, Proj.Admin.	704.529.0000	\$ 62,320	Bio-Nomic Services, inc.	Charlotte, NC
Williamsburg	VA	Mar-13	Jun-13	James City Co. - LS 1-5 Area 1 Flextran	11449' of 15"-18" CIPP lining	Danny Poe, Project Admin.	757.259.5452	\$ 1,345,070	County of James City, VA	Owner
Houston	TX	Mar-13	Sep-13	Corpus Christi - Sub 10" CIPP	12655' of 8"-12" CIPP lining	Howard Jacobson, Dist.Mgr.	281.350.7027	\$ 324,450	Harris Co. WCID #116, Houston, TX	AEI Engineering, Houston, TX.
Sandusky	OH	Mar-13	Apr-13	Tiffin Avenue Sewer Rehabilitation Project	5213' of 10"-21" CIPP	Jack Myers	419.627.7666	\$ 476,654	Erie Co. Commissioners	Sandusky, OH
Houston	TX	Feb-13	Feb-13	Corpus Christi 10" CIPP	340' of 10" CIPP	Vic Caso	713.697.2088	\$ 17,000	TDT Plumbing, Houston, TX	Owner
Lantana	FL	Feb-13	Apr-13	Sarno Lakes Phase II	696' of 48" CIPP	Scott Johnson	561.588.1170	\$ 156,600	Johnson-Davis, Inc., Lantana, FL	Pegasus Engr., Winter Springs, FL
Knoxville	TN	Feb-13	Jul-13	E.Jackson/Loves Creek/Baxter Avenue	950' of 8" CIPP lining	Vince Bayles, Project Mgr.	865.249.8646	\$ 32,675	Knoxville Utilities Board, TN	Sub to Morgan Contracting, Baker, FL.
Louisville	KY	Feb-13	Jul-13	Fegenbush Rehabilitation Project	4323' of 8"-12" CIPP lining	Andrea Rogers, Proj. Manager	502.540.6427	\$ 113,340	Louisville & Jefferson County MSD	Sub to Robinson Pipe Cleaning Co.
Knoxville	TN	Feb-13	Jul-13	Mini Basin 9C Rehab & Replacement	20050' of 8"-12" CIPP lining	Greg Stump, Project Manager	865.388.9495	\$ 572,325	West Knox Utility Dist., Knoxville	Sub to Hurst Excavating, Knoxville, TN
Logansport	IN	Feb-13	Oct-13	Sewer Lining Project 2012	13458' of 18"-36" CIPP lining	Jim Jackson, Manager	574.753.6231	\$ 1,693,684	City of Logansport, IN	GAI Consultants, Indianapolis, IN
Longmont	CO	Feb-13	Mar-13	Aliens Lake Outfall Rehabilitation	145' of 20" CIPP	Dale Lyle, Owner	303.651.0727	\$ 24,650	Left Hand Excavating, Longmont, CO	Smith Geotechnical, Ft. Collins, CO
Indianapolis	IN	Feb-13	Jun-13	10" Brouse Avenue Sewer Lining - Saertex	3136' of 10" CIPP lining	Roger Hanas, Project Manager	317.429.3985	\$ 229,439	Citizens Energy Group	Indianapolis, IN
Princeton	NJ	Feb-13	Mar-13	Princeton - Ewing	1450' of 8" CIPP	Mark Castela, VP	908.231.7570	\$ 55,100	Top Line Construction Corp	Princeton Sewer Operating Committee
Cooper City	FL	Feb-13	Mar-13	SW 51st Street	819' of 8"-10" CIPP	Mike Bailey, P.E.	954.434.5519	\$ 37,167	City of Cooper City, FL	Owner
Hialeah	FL	Feb-13	Mar-13	PS 139	2100' of 8" CIPP lining	Ethan Heijn, Project Manager	954.9887.0066	\$ 74,167	City of Hialeah, FL	Owner
Ft. Collins	CO	Feb-13	Mar-13	Mulberry 12" Irrigation CIPP	245' of 12" CIPP	Jack Row, Marc Stout	970.416.2062	\$ 15,925	City of Ft. Collins, CO	Owner
Eaton	CO	Feb-13	Mar-13	Law Reservoir Outfall	56' of 24" CIPP	Jack Goodell	970.217.8540	\$ 18,000	Goodell Machinery & Construction	Eaton, CO

Layne Inliner, LLC 5-year Job List

Pittsburgh	PA	Feb-13	Mar-13	Center St. Sewer Rehabilitation	1463' of 24" CIPP	Bob Zischkau, Project Mgr.	412.824.5672	\$ 222,638	Borough of Wilksburg, PA	Glen Engineering, North Huntingdon, PA
Pinellas Park	FL	Feb-13	Mar-13	Manhole Inspections	Manhole Inspections	Kevin McLaughlin, Oper. Mgr.	727.545.3815	\$ 1,875	Rowland, Inc.	Pinellas Park, FL
Plantation	FL	Feb-13	Mar-13	Moriarty of Florida Veranda II	145' of 8"-12" CIPP	Enrique Caravella, PM	954.553.2326	\$ 14,950	Moriarty of Florida Veranda	Plantation, FL
Falcon	CO	Feb-13	Feb-13	2013 CIPP Point Repairs	45' of 8"	Danny Everett	719.495.2500	\$ 7,725	Woodmen Hills Metro District	Falcon, CO
Mobile	AL	Feb-13	Mar-14	2013 Annual Contract for CIPP	35800' of 8"-15" CIPP lining	Tim Dixon, Construction Mgr	251.694.3128	\$ 1,253,423	City of Mobile, AL	McCrary & Williams, Mobile, AL
Sebring	FL	Feb-13	Mar-13	Sebring Lift Station	Cleaning of Master Lift Station	Jim Jackson	863.471.5110	\$ 11,000	City of Sebring, FL	Owner
Virginia Beach	VA	Feb-13	Feb-13	Virginia Beach Demo	Janssen Demo	Connie, Project Administrator		\$ 4,500	City of Virginia Beach, VA	Owner
Sanford	FL	Feb-13	Dec-13	2013 Various Locations	2159' of 12" - 42" CIPP	Owen Reagan	407.665.5946	\$ 243,000	Seminole County, FL	Owner
Indianapolis	IN	Feb-13	Apr-13	Indianapolis Terminal 12"	62' of 12" CIPP	Jon Akin, Arcadis	317.231.6500	\$ 47,595	Marathon Petroleum, Indpl., IN.	Owner
Oak Ridge	TN	Feb-13	Mar-13	Sanitary Sewer Rehabilitation	3100' of 8" CIPP	Greg Stump, Project Manager	865.922.6142	\$ 91,450	City of Oak Ridge, TN.	Hurst Excavating, Knoxville, TN.
Harrodsburg	KY	Feb-13	Apr-13	Sanitary Sewer Rehabilitation	3625' of 6"-8" CIPP lining	Mitch, Inspector	270.668.9164	\$ 261,185	City of Harrodsburg, KY	GRW Engineers, Lexington, KY
Wilton Manors	FL	Feb-13	Mar-13	30" Storm Drain	786' of 30" CIPP	David Archacki, Dir. Of Utility	954.390.2190	\$ 88,032	City of Wilton Manors, FL	Owner
Wichita	KS	Feb-13	Apr-13	College Hill Area Sewer Rehab. Phase A	3658' of 8" CIPP	LeeAnn Hendricks, Cont. Adm.	316.268.4601	\$ 89,249	City of Wichita Public Works	Wichita, KS
Jamestown	NC	Feb-13	Apr-13	Adams Farm Sewer	3750' of 8"-21" CIPP	Paul Blanchard, Proj. Admin.	301.420.7197	\$ 235,976	City of Jamestown, NC	Owner
St. Petersburg	FL	Jan-13	Jan-14	2010 Sewer Year 3 of 5	54000' of 8"-18" CIPP		727.893.7671	\$ 1,767,240	City of St. Petersburg, FL	Owner
Atlanta	GA	Jan-13	Jan-13	Athens Health Care Properties	150' of 8" CIPP	Rick McCallister, PE	706.617.4571	\$ 8,035	Fortiss Engineering	Atlanta, GA
Laurel	MD	Jan-13	Aug-13	WSSC IDIQ 6 Task 7	4037' of 8"-20" CIPP lining	Dan Hamilton, Project Mgr.	301.206.7316	\$ 2,194,539	WSSC, Laurel, MD	Owner
Richmond	VA	Jan-13	Feb-14	2012 Annual Release #1	11577' of 8" - 36" CIPP lining	Susan Hamilton, Oper. Mgr.	804.646.5722	\$ 1,788,557	City of Richmond, VA	Jacobs Engineering
Stone Mt.	GA	Jan-13	Mar-13	Nancy Creek Sewer Crossing	216' of 24" CIPP	Alia Johnson, PE	770.414.2398	\$ 163,231	DeKalb County Government	Stone Mountain, GA
Indianapolis	IN	Jan-13	Apr-13	48" Union Chapel Large Diameter Lining	294' of 48" CIPP	Roger Hanas, Project Mgr.	317.429.3985	\$ 221,220	Citizens Energy Group	Indianapolis, IN
Laurel	MD	Jan-13	Jun-13	IDIQ 6 Task 17	1161' of 8"-15" CIPP	Dan Hamilton, Project Mgr.	301.206.7316	\$ 555,809	Washington Suburban Sanitary	Laurel, MD
Laurel	MD	Jan-13	Jun-13	IDIQ 6 Task 9	Miscellaneous Manhole Work	Dan Hamilton, Project Mgr.	301.206.7316	\$ 201,789	Washington Suburban Sanitary	Laurel, MD
Smyrna	GA	Jan-13	Mar-13	RM Clayton Plant	1263' of 12"-15" CIPP	Brandon Leipprandt, PM	678.820.3991	\$ 56,862	NAPA, Smyrna, GA	Owner
Fayette	OH	Jan-13	Dec-13	2012 Sewer Rehabilitation	6669' of 12"-15" CIPP	Steve Blue, Project Manager	419.237.2116	\$ 278,210	Village of Fayette, OH	Arcadis
Louisville	KY	Jan-13	Dec-13	FY13 Annual Rehabilitation Project	19000' of 8"-12" CIPP	Andrea Rogers, Proj. Manager	502.540.6427	\$ 489,000	Louisville & Jefferson County MSD	Louisville, KY
Greenville	SC	Jan-13	Mar-13	Traveler's Rest Sewer System Area 2	487' of 8" CIPP	Martin Livingston		\$ 69,032	Greenville Co. Redevelopment	Greenville, SC
Stoneham,	MA	Jan-13	Mar-13	NEPCCO - Town of Stoneham	4600' of 6"-12" CIPP	Joseph Perotti, Project Mgr.	860.274.5469	\$ 177,800	NEPCCO-Stoneham, MA	Malcolm Pirnie, Wakefield, MA
Pickerington	OH	Jan-13	Feb-13	SR 256 Storm Sewer Rehabilitation	2440' of 18"-30" CIPP	Greg Bacchman, PM	614.833.2221	\$ 246,760	City of Pickerington, OH	Owner
Kettering	OH	Jan-13	Aug-13	WPAFB Trunk Line & MH Rehabilitation	5132' of 30"-36" CIPP	Edwin Petticrew, PM	937.871.2650	\$ 1,338,423	Montgomery Co. Water Services	Kettering, OH
Coconut Creek	FL	Jan-13	Feb-13	Deerfield Lakes MHP	665' of 8" CIPP	Tim Klein, Dir. Of Construct.	248.851.2700	\$ 26,980	Deerfield Lakes Associates Limited	Farmington Hills, MI
Riviera Beach	FL	Jan-13	Feb-13	Po# 102374	226' of 18" CIPP	Jevon White, Supervisor	561.845.4000	\$ 16,046	City of Riviera Beach, FL	Owner
Ft. Bragg	NC	Jan-13	Apr-13	Ejector Removal Lift Station	Remove Lift Station	Sheron Wright	910.495.1311	\$ 346,237	Old North Utility Service	Ft. Bragg, NC
Coconut Creek	FL	Jan-13	Jan-13	PO# 120270	225' of 18" CIPP	John Lukaszewicz, Supt.	954.973.6782	\$ 17,550	City of Coconut Creek, FL	Owner
Orlando	FL	Jan-13	Mar-13	Prime Construction-Higgins P.S.	572' of 8"-24" CIPP	Thomas Perley, Proj. Mgr.	407.856.8180	\$ 53,340	Prime Construction Group Inc	Orlando, FL
Columbus	GA	Jan-13	Jun-13	Storm Drain Rehab Contr. 4, Priority Pipes 1	5645' of 12"-48" CIPP	Della Lewis, Project Mgr.	706.225.3072	\$ 2,000,000	Columbus Consolidated Gov'n., GA	Jacobs Engineers, Norcross, GA
Memphis	TN	Jan-13	Mar-13	Cypress Creek Sewer Outfall	6384' of 24"-30" CIPP	Eric Mayse, PA	901.576.6683	\$ 696,898	City of Memphis, TN	Owner
Beaufort	SC	Jan-13	Feb-13	Parris Island, SC Storm Drainage Repair	1176' of 12"-42" CIPP	Gerald, Project Manager	803.772.8420	\$ 203,470	Parris Island Marine Corps, SC	Chao & Associates, Columbia, SC
San Augustine	TX	Jan-13	Jun-13	Trunkline Lining	2691' of 18" CIPP	Jed Morris, Project Engr.	936.634.5529	\$ 197,433	City of San Augustine, TX	Everitt-Griffith
East Point	GA	Jan-13	Feb-13	Firestone Store Storm Water Rehab.	125' of 24" CIPP	Brandon Pierce, Project Mgr.	404.684.2500	\$ 25,470	Reams Enterprises, Inc.	East Point, GA
Vandalia	OH	Jan-13	Feb-13	Marview Sanitary Relief Sewer	2892' of 12"-15" CIPP	Rob Cron	937.898.5891	\$ 137,345	City of Vandalia, OH	Owner
Cheyenne	WY	Jan-13	Feb-13	East Pershing Rd Reconstruction Phase IV	473' of 8"-10" CIPP	Larry Leabitz	307.637.6171	\$ 23,910	City of Cheyenne, WY	Owner
Charlotte	NC	Jan-13	Jan-13	Charlotte-Douglas Int'l. Airport	399' of 8" CIPP	Kevin Inde, PE	704.814.4407	\$ 28,039	Sanders Utility Const., Charlotte	Hind Engineering, Charlotte, NC
Orem	UT	Jan-13	Jan-13	2012-2013 Sewer Line Rehabilitation	2029' of 6"-21" CIPP	Allen Clegg, Project Manager	801.229.7334	\$ 120,699	City of Orem, UT	Owner

Layne Inliner, LLC 5-year Job List

Fort Wayne	IN	Jan-13	May-13	2011 CIPP Package - Southwest Interceptor	11123' of 30" CIPP	Ron Sheppard, Manager	260.427.5065	\$ 1,579,069	City of Fort Wayne, IN.	Owner
Abingdon	VA	Jan-13	Feb-13	West Interceptor Replacement	1349' of 12"-18" CIPP	Bryan Bair, Proj. Admin.	304.712.1878	\$ 92,072	Mendon Pipelines, Inc.	Ghent, West Virginia
Laurel	MD	Jan-13	Jun-13	IDIQ 6 Task 11	Pt. Repairs, Remove Ext. Manhole	Dan Hamilton, Project Mgr.	301.206.7316	\$ 40,500	Washington Suburban Sanitary	Laurel, MD
Sulpher Springs	IN	Dec-12	Dec-12	Indiana Reline INDOT Interstate 465	CIPP 236' of 60"	Karl Bates	419.602.3507	\$ 126,968	INDOT	
Princeton	NJ	Dec-12	Mar-13	Princeton - Scott's lane	1540' of 8" CIPP	Steve Eleftheriou, President	732.433.8126	\$ 50,820	Integrated Const. & Utilities	Princeton Sewer Operating Committee
Glandale	CO	Dec-12	Dec-12	Cherry Creek Drive	743' of 8" CIPP	Gene Hazlett, Deputy Direct.	303.639.4502	\$ 19,940	City of Glendale	Owner
Princeton	NJ	Dec-12	Mar-13	Princeton-Maxwell	1365' of 8" CIPP	Steve Eleftheriou, President	732.433.8126	\$ 49,148	Integrated Const. & Utilities	Princeton Sewer Operating Committee
Columbus	OH	Dec-12	Feb-13	Franklin Main Interceptor Rehabilitation	4316' of 36"-48" CIPP	Gary Bowen, Project Manager	614.987.0407	\$ 1,949,569	City of Columbus, OH	DLZ Ohio, Columbus, OH
Waterville	ME	Dec-12	Jan-13	Sewerage District	2041' of 8"-12" CIPP	Roland LaPointe, Supt.	207.873.5191	\$ 88,657	Waterville Sewerage District	Waterville, ME
New Pt. Richey	FL	Dec-12	Jun-13	Stormwater Lines	749' of 24"-36" Stormwater CIPP	Dominic Bellezza	727.841.4546	\$ 97,370	City of New Port Richey, FL	Owner
Princeton	NJ	Dec-12	Mar-12	Westerly Road	1500' of 8"-10" CIPP	Robert Hough, Engineer	609.497.7639	\$ 60,000	Integrated Const. & Utilities	Princeton Sewer Operating Committee
Indianapolis	IN	Dec-12	Sep-13	Warman Large Diameter Sewer Lining	8729' of 27"-48" CIPP lining	Roger Hanas, Project Mgr.	317.429.3985	\$ 3,259,895	Citizens Energy Group	Indianapolis, IN.
Portsmouth	OH	Dec-12	Dec-12	CVS Laterals	Install cap on 6" lateral main	Eddie Evans, PM	740.821.4362	\$ 2,000	Home Development, Portsmouth	E.L.Robinson, Ironton, OH
Grand Junction	CO	Dec-12	Dec-12	Remove Wire from Damaged Bore	Rmeoval of wire on point repair	Daniel Huff	970.257.7400	\$ 2,250	Apeiron Utility Construction	Grand Junction, CO
Delray Beach	FL	Dec-12	Jan-13	30" Storm Chatelaine Subdivision	145' of 30" CIPP	Harold Bellinger, Supt.	561.243.7050	\$ 17,110	City of Delray Beach	Owner
Bowling Green	KY	Dec-12	Feb-13	Whiskey Run Sewer Rehabilitation	3220' of 10"-18" CIPP	Scott Neighbors, Project Engr	270.782.4368	\$ 369,099	Bowling Green Municipal Utilities	Bowling Green, KY
North Port	FL	Dec-12	Sep-13	PO# 044783	446' of 12" U-Liner	Richard Newkirk, Field Mgr.	941.426.9500	\$ 300,000	City of North Port, FL	Owner
Chelsea	MA	Dec-12	Jan-13	Contract 2012-124	540' of 12"-15" CIPP	Lou Mammolette, PM	617.389.2800	\$ 50,877	GTA Co., Inc. - Everett, MA	Weston & Sampson, Peabody, MA
Largo	FL	Dec-12	Mar-13	Storm Year 3 of 3, Release #1	500' of 25" CIPP	Jim Wheaton, Project Mgr.	727.587.6713	\$ 44,500	City of Largo, FL	Owner
Indianapolis	IN	Dec-12	Mar-13	Belmont Drain Line Project	2289' of 8"-42" CIPP lining	Mike Latos	317.429.3978	\$ 1,339,976	Citizens Energy Group	Indianapolis, IN.
Columbia	SC	Dec-12	Mar-13	Trenholm Rd. & Laurel St. CIPP	789' of 18"-24" CIPP	Michael F. Bagley, Contr.Sup.	803.786.0128	\$ 73,457	SCDOT, Columbia, SC	Owner
Brooklyn	OH	Dec-12	Dec-12	Plastics Platers Chrome Facility	638' of 24"-30" CIPP	David Wazny, Project Mgr.	440.232.9945	\$ 83,510	Plastic Platers, Brooklyn, OH	Hull & Associates, Bedford, OH
Stone Mt.	GA	Dec-12	Mar-13	Plantation Waterline Extension	Waterline installation	Bob Cowhig, Manager	770.498.5679	\$ 632,833	Stone Mountain Memorial Assc.	Stone Mountain, GA
Deland	FL	Dec-12	Mar-13	ESQ34 Lake County FDOT - District 5	2860' of 24"-66" CIPP	Jamie Carter	386.943.5525	\$ 389,602	FDOT - District 5, Deland, FL	Owner
Findlay	OH	Dec-12	Dec-12	Marathon Oil Refinery - Muskegon, MI	250' of 18"-48" CIPP	Rob Ferree, Project Mgr.	248.994.2244	\$ 124,980	Marathon Petroleum Co.	Findlay, OH
Deltona	FL	Dec-12	Jun-13	Deltona Storm 2013	1955' of 18"-42" CIPP	Joseph Walker, Stormwater	386.878.8100	\$ 200,000	City of Deltona, FL	Owner
Wilton Manors	FL	Dec-12	Jan-13	PO# 13-031	220' of 10" CIPP	David Archacki	954.390.2100	\$ 8,800	City of Wilton Manors, FL	Owner
Portsmouth	OH	Nov-12	Mar-13	North Moreland Sewer Rehabilitation	12275' of 8"-24" CIPP	Richard Duncan	740.353.0241	\$ 531,382	City of Portsmouth, OH	Howerton Engineering, Portsmouth, OH
Galveston	TX	Nov-12	Jan-13	Annual CDBG Service Agreement	1908' of 8"-12" CIPP lining	Augustine Juarez	832.582.8420	\$ 50,303	City of Galveston, TX	T. Construction Utility, Inc.
Peru	IN	Nov-12	Jan-13	Chestnut St. Trunk Line Sewer Rehab.	1688' of 20"-21" CIPP	Jamin Beisiegel, Stormwater	765.473.7651	\$ 132,298	Peru Utilities, Peru, IN.	Owner
N. Manchester	IN	Nov-12	Dec-12	CIPP Lining Sewer Project	2240' of 12" CIPP	John Mugford, Town Supt.	260.982.9800	\$ 73,920	Town of North Manchester, IN	Owner
Cape Coral	FL	Nov-12	Sep-13	PO# 17092	4859' of 15"-48" CIPP	Ron Loweke	239.574.0811	\$ 544,251	City of Cape Coral, FL	Owner
Clearwater	FL	Nov-12	Nov-13	Sanitary Release #4	13241' of 8"-15" CIPP	John Linton, Engr. Specialist	727.464.4348	\$ 391,277	Pinellas County, FL	Owner
Cranberry Twp	PA	Nov-12	Dec-12	Sanitary Sewer Seperation Project	5517' of 12"-15" CIPP	Tim Kenney, Project Mgr.	724.538.3900	\$ 285,876	State Pipe Services	Cranberry Township, PA
Ft. Bend Co.	TX	Nov-12	Jan-13	TXDOT Culvert Linings	1817' of 18"-48" CIPP	Tommy Tucker, PM	281.684.6923	\$ 591,980	TXDOT, Fort Bend County, TX.	Owner
Monroe	GA	Nov-12	Nov-12	Bethlehem Bottoms SS Replacement	2086' of 8"-18" CIPP	Hank Merrill, Const. Manager	770.267.0825	\$ 82,517	Gary's Grading/Pipeline	Monroe, GA
Lexington	KY	Nov-12	Dec-12	Lexmark Sewer Abandonment	1912' of 6"-12" sewer abandonment	Bill Varble, Facilities Mgr.	859.489.9428	\$ 76,648	Lexmark International, Inc.	Lexington, KY
Daytona Beach	FL	Nov-12	Jan-13	Ormond Beach-North Halifax Dr. Rehab.	3565' of 12"-30" CIPP	Kathy Miceli, Contr.Admin.	386.258.7911	\$ 306,510	P & S Paving, Inc., Daytona Beach	Owner
Dracut	MA	Nov-12	Mar-13	Framingham - Eaton Road	1000' of 8" CIPP	Stew McCormack, PM	978.452.6967	\$ 27,824	DeFelice Corp., Dracut, MA	Kleinfelder/SEA, Framingham, MA

Layne Inliner, LLC 5-year Job List

Smithfield	RI	Nov-12	Jan-13	NBC 303.14C for DiGregoria, Inc.	330' of 36"-54" CIPP	Peter Dziubaniuk, Estimator	401.232.1400	\$ 116,000	DiGregoria, Inc., Smithfield, RI	Lopuis Berger Group, Providence, RI
Worcester	MA	Nov-12	Mar-13	Hermon St. Phase II	3299' of 12"- 18" CIPP	Michael Caforio, Ass. Dir.	508.799.1220	\$ 789,834	City of Worcester, MA	Weston & Sampson, Peabody, MA
Hamilton	OH	Nov-12	Dec-12	City of Monroe, OH	2630' of 8" CIPP	Tyler Holden, Project Mgr.	513.738.7000	\$ 84,160	Rack & Ballauer, Inc., Hamilton, OH	Jones Warner Consultants, Franklin, OH
Macon	GA	Nov-12	Jan-13	Christian Avenue Sewer Rehabilitation	650' of 24"-33" CIPP	Roger Smith, Proj. Engineer	478.256.9353	\$ 99,184	Macon Water Authority	Macon, GA
Zanesville	OH	Nov-12	Dec-12	Sewer Relining Project 2012	1013' of 8" CIPP	Casey Haszen, Project Mgr.	740.452.1880	\$ 44,446	Zemba Brothers	South Zanesville, OH
Ft. Lauderdale	FL	Nov-12	Nov-12	Sewer Line Rehab Project P2012-012	2061' of 8" CIPP	John Rinehart, Project Admin.	954.772.0075	\$ 61,386	LMK Pipe, Ft. Lauderdale, FL	Owner
Dale	IN	Nov-12	Jan-12	Emergency - 2012	300' of 10" CIPP	John Scheite	812.937.2418	\$ 25,000	Town of Dale, IN	Burlington Civil
Orlando	FL	Nov-12	Dec-12	Narcoose Road Repair	Grout joints/cracks in pipe	Ben Gray	407.246.2754	\$ 50,243	City of Orlando, FL	Owner
North Port	FL	Nov-12	Nov-12	City of North Port PO 044895	154' of 18x29" CIPP	Dan Waldron	941.240.8097	\$ 14,168	City of North Port Public Works	
Parker	CO	Nov-12	Nov-12	2012 Pinery: CIPP	1536' of 8" CIPP	T.R. Richards	303.805.1839	\$ 37,000	Pinery Water & Wastewater District	
Goldsboro	NC	Nov-12	Nov-12	Wake Forest Sewer System Rehabilitation	1050' of 8" CIPP lining	Connie, Project Administrator	919.734.8400	\$ 51,636	T. A. Loving Company	Owner
St. Petersburg	FL	Nov-12	Oct-13	Clean/CCTV Yr 4 of 5	Clean/CCTV		727.892.5612	\$ 650,000	City of St. Petersburg, FL	Owner
Mobile	AL	Nov-12	Dec-12	Miscellaneous Drainage Repairs 2012-202-05	1004' of 18"-36" CIPP lining	Robert Robinette, P.E.	251.653.7363	\$ 110,509	City of Mobile, AL	ECS Consulting Engineers, Inc.
Columbia	SC	Oct-12	Jan-13	Crane Creek & West Columbia Outfall	12000' of 8-10" CIPP; MH Cleaning; Laterals;	Eric Cassell	803.545.3369	\$ 994,496	City of Columbia	
Delray Beach	FL	Oct-12	Nov-12	City of Delray Beach PO 685191	1673' of 8" to 15" CIPP; 141' of Descaling	Scott W. Solomon	561.243.7309	\$ 72,115	City of Delray Beach	
Indianapolis	IN	Oct-12	Dec-12	Ben Davis 2012 CIPP Sewer Rehabilitation	3819' of 8"-12" CIPP lining	Thomas Schubert, P.E.	317.377.5230	\$ 125,442	Ben Davis Conservancy District	Triad Associates
Safety Harbor	FL	Oct-12	Dec-12	Safety Harbor PO#295486	796' of 8" CIPP Lining	Claude Howell	727.724.1555	\$ 25,000	City of Safety Harbor, FL	Owner
Punta Gorda	FL	Oct-12	Nov-12	Charlotte County storm Drain PO 2012002670	138' of 15" CIPP	Randy Vowell	941.575.3680	\$ 12,696	Charlotte County Public Works	
Tucson	AZ	Oct-12	Jan-13	Speedway-Main CIPP Sewer Rehabilitation	7202' of 10" to 42" CIPP; Lateral	Jon Wicke	303.286.3406	\$ 1,236,225	Metro Wastewater Reclamation District	
Big Island	VA	Oct-12	Dec-12	GP Big Island Community Sewer Improvements	891' of 8" CIPP; 62' of MH	Ralph Sisk	434.299.7304	\$ 99,160	Georgia Pacific Big Island	WW Associates, Jason Clark; 434.316.6080
Ironton	OH	Oct-12	Oct-12	Storm Overflow Investigation	Cleaning Diameters	Mike Pemberton	740.534.4098	\$ 10,000	City of Ironton, OH	Owner
Kitts Hill	OH	Oct-12	Oct-12	Storm Sewer - Field Excavating	Televise Storm Sewers	Lindsey Pemberton	740.532.2411	\$ 3,500	Fields Excavating, Kitts Hill, OH	E. L. Robinson, Ironton, OH
Nashua	NH	Oct-12	Dec-12	City of Nashua - NEPPCO	508' of 12" CIPP lining	Joseph Perotti	860.274.5469	\$ 32,900	City of Nashua, NH	NEPPCO
Providence	RI	Oct-12	Dec-12	Woonasquatucket CSO Interceptor NBC 303.03C	2,274' of 20" to 72" CIPP	Thomas J. Day	401.455.0100	\$ 756,355	Barletta Heavy Division, Inc	Narragansett Bay Commission 401.461.8848
East Bridgewater	MA	Oct-12	Oct-12	BWS 11-309-011 for Aqua Line	4,120' of 10" x 20x26	Stephen Trudeau	508.690.2009	\$ 268,946	Aqua Line Utility, Inc	Boston Water & Sewer Commission
Owego	NY	Oct-12	Dec-12	I-690 Storm Drain Phase 4	280' of 12" & 435' of 18" CIPP	Marcus O'Rourke, Jr.	607.687.1234	\$ 122,155	Peak Environmental, LLC	O'Brien & Gere: Christopher Calkins 315.956.6100
Bangor	ME	Oct-12	Dec-12	Bond Brook Collection System	1900' of 8" to 30" CIPP	Stan MacMillan	207.942.2169	\$ 210,350	S.E. MacMillan Company, Inc	Woodard & Curran
Easton	KS	Oct-12	Oct-12	Heim Dam Outflow CIPP 2012	160' of 24" CIPP	Gerald Heim	913.683.9554	\$ 34,400	Progress Inc	King & Assoc; Vic Robbins: 785.364.4312
Clewiston	FL	Oct-12	Oct-12	US Sugar	92' of 30" CIPP	Steve Mammen	863.233.1533	\$ 24,840	US Sugar	
Fairborn	OH	Oct-12	Jan-13	North & South Interceptor Sewer Rehab.	15,195' of 15" to 36" CIPP	Ken Kearns	614.755.4500	\$ 2,041,654	City of Fairborn	EMH&T
Ludlow	MA	Oct-12	Dec-12	MDC 2011-44 Baltazar Contractors	350' of 10" CIPP	Justin Roy, Project Engineer	413.583.6160	\$ 20,000	Baltazar Contractors, Inc.	CDM Smith, Wethersfield, CT
Wichita	KS	Oct-12	Dec-12	Westlink Area Phase A	6540' of 8" CIPP	LaDonna Lawrenz, PM	316.268.4329	\$ 154,620	City of Wichita, KS	Owner
Columbus	OH	Oct-12	Apr-13	Olentangy & Scioto Main Trunk Sewer Rehab.	1634' of 42" CIPP	Nick Domenick, Proj. Mgr.	614.645.4693	\$ 1,785,142	City of Columbus, OH	Prime Engineering, Columbus, OH
Louisville	KY	Oct-12	Nov-12	4th & Oak Rehabilitation Project	266' of 24" CIPP	Andrea Rogers, Proj. Manager	502.540.6000	\$ 35,730	Louisville & Jefferson County MSD	Louisville, KY
Sanford	FL	Oct-12	Jan-13	Seminole Co. River Bend Drive	195' of 72" CIPP	Robert Walter	407.665.5753	\$ 126,750	Seminole County, FL	Owner
Ness City	KS	Oct-12	Oct-12	Ness City Emergency CIPP 2012	400' of 8" CIPP	Earl Crosswhite	785.798.5479	\$ 15,000	City of Ness City	
Columbus	OH	Oct-12	Oct-12	Columbus Riverview/Olentangy Sewer Rehab	160' of 15" CIPP	Dusty Wilson	614.444.5100	\$ 12,500	Shelly & Snads	

Layne Inliner, LLC 5-year Job List

Dracut	MA	Oct-12	Dec-12	BWS 11-308-008 for Albanese D&S	2930' of 8" to 54" CIPP	Tom Molinari	978.937.0909	\$ 193,565	Albanese D&S	Boston Water & Sewer Commission
Smithfield	RI	Oct-12	Dec-12	Providence Hospital	35' of 12" CIPP	Steve Tremi	401.231.0007	\$ 12,500	Boyle & Fogarty Construction	Process Engineers & Constructors, Inc
Miami	FL	Oct-12	Oct-12	CVS Hialeah	280' of 12" CIPP	Melissa May	305.232.2340	\$ 40,000	Downrite Engineering Corporation	
Plantation	FL	Oct-12	Oct-12	City of Plantation PO 12818 & 12799	395' of 12"; 250' of 8" CIPP	Charles Spencer	954.452.2544	\$ 32,501	City of Plantation	
Penn Hills	PA	Oct-12	Nov-12	Phase IV 2012 Sewer Repair Contract	7800' of 8" to 12" CIPP	Tim Kenny	937.871.2650	\$ 334,680	State Pipe Services	
Houston	TX	Oct-12	Nov-12	Sagemeadow UD	310' of 8, 12, 18" CIPP	Bruce Baumel	713.267.2851	\$ 75,448	Bruce Baumel	AECOM
Corpus Christi	TX	Oct-12	Mar-13	Williams Dr. Phase 1 & 2	2134' of 12"-21" CIPP lining	Jesse Salazar	713.957.4003	\$ 176,500	City of Corpus Christi, TX	Reytec Construction Resources, Inc.
Grand Junction	CO	Oct-12	Dec-12	2012 Sewer Interceptor Repair & Replacements	9416' of 6" to 30" CIPP	Jerod Timothy	970.244.1565	\$ 828,812	City of Grand Junction	
Hanover	IN	Oct-12	Nov-12	Hanover, IN	802' of 12" CIPP	Scott Williams	812.801.1389	\$ 33,684	Town of Hanover	
Laramie	WY	Oct-12	Nov-12	2012 Storm Sewer Lining	347' of 48" CIPP lining	Harold Colby	307.721.5277	\$ 97,720	City of Laramie, WY	Owner
O'Fallon	MO	Oct-12	Oct-12	Trim Taps Moorehead Ave.	Trim Taps	SAK Construction	410.887.3407	\$ 15,000	SAK Construction, LLC	
Orlando	FL	Oct-12	Oct-12	Melbourne Shopping Center	398' of 24" CIPP	Michael Haas	407.264.0100	\$ 35,820	Landmark Contracting	
Sarasota	FL	Oct-12	Dec-12	Country Woods Stormwater Improvements	1824' of 15" to 36" CIPP	Butch Lanaville	941.861.0930	\$ 587,575	Sarasota County Government	
Cincinnati	OH	Oct-12	Oct-12	Wardall Ave. 27-inch Sewer Rehab.	280' of 8" CIPP	Doug Marrow		\$ 25,350	Eaton Corporation	
Orleans	IN	Oct-12	Oct-13	Division A Wastewater Collection Rehab	1740' of 6" to 12" CIPP	Town of Orleans	513.871.3207	\$ 55,024	Sub to ISI	
Towson	MD	Oct-12	Oct-12	Brentwood - Baltimore County	305' of 15" CIPP	Michael Haas	410.887.3407	\$ 59,190	Baltimore County Department of Public Works	
Tucson	AZ	Oct-12	Nov-12	CIPP Sewer Rehabilitation Project	11,325' of 8" to 15" CIPP	Noel Ortiz	520.740.6486	\$ 596,342	Pima County WRD	
Cincinnati	OH	Oct-12	Dec-12	Hyde Park Country Club	242' of 24" CIPP	Rick Spivey	513.871.3207	\$ 38,000	Hyde Park Country Club	
LaOtto	IN	Oct-12	Dec-12	Ligonier Sanitary Sewer Separation Project	709' of 8" CIPP	Kirk Braun	260.897.2743	\$ 30,487	API Construction Corp	
Gary	IN	Oct-12	Dec-12	Glen Ryan Sewer Project	4473' of 12" & 506' of 18" CIPP	Peter Them	931.528.1137	\$ 264,555	Glen Ryan Sanitary Sewer District	Sub to Fuel Tank Maintenance Company
Smithfield	RI	Oct-12	Oct-12	Providence, RI for John Rocchio Corp	4678' of 12"-18" CIPP lining	Michael Sarrasin	401.949.5565	\$ 285,786	John Rocchio Corporation	Smithfield, RI
McDonough	GA	Sep-12	Nov-12	Sams Club Sewer Rehab	634' of 8" CIPP	Allan Brannan	678.583.3842	\$ 29,417	City of Henry County Water & Sewer	
Dracut	MA	Sep-12	Nov-12	BWS 11-309-009 ALB	2530' of 10 to 18" CIPP	Thomas Molinari	978.937.0909	\$ 152,643	Albanese D & S	Boston Water & Sewer Commission
Charleston	WV	Sep-12	Nov-12	Kanawha Two Mile Creek Sewer Rehab	11156' of 8" to 18" CIPP	Scott Peirson	614.456.4585	\$ 444,780	Pipe Plus Inc	Burgess & Niple
Frankfort	KY	Sep-12	Oct-12	W. Main Street Sewer Rehab - 36" Brick Sewer	550' of 36" CIPP	Robert Barker	502.875.2448	\$ 96,800	City of Frankfort	
Sanford	FL	Sep-12	Nov-12	Seminole County Storm - Nottingham Drive	1422' of 12" to 42" CIPP	Owen Reagan	407.665.5946	\$ 235,944	Seminole County	
Columbia	TN	Sep-12	Feb-13	Greenlick Sewer Rehabilitation	6600' of 8" & 10" CIPP	Bob Qualman	615.883.3243	\$ 612,272	J.R. Wauford & Sons	Bobby Luttrell & Sons
Clearwater	FL	Sep-12	Oct-12	The Lakes Subdivision	CCTV/Clean	Ben Commons	727.403.0307	\$ 18,909	Ledy Edge C.A.M.	
Decatur	GA	Sep-12	Sep-13	Water & Sewer Main Installation Contract #1	On Call - Construction of Critical Work	Kimberly Chambers	404.371.3641	\$ 3,000,000	Dekalb County	
Tell City	IN	Sep-12	Dec-12	Tell City Emergency - 2012	900' of 36" & 42" CIPP	Bruce Badger	812.547.5111	\$ 194,300	City of Tell City	
Grand Junction	CO	Sep-12	Sep-12	Grang Mesa #6 - Reservoir Outlet Works Rehab	110' of 10" CIPP	Justin Vensel	970.256.4017	\$ 28,800	City of Grand Junction	
Grand Junction	CO	Sep-12	Sep-12	24 Road Sewer Rehabilitation	300' of 24" CIPP	Justin Vensel	970.256.4017	\$ 37,500	City of Grand Junction	MA Concrete Construction, Jeff Nimon - 970.243.3221
Wichita	KS	Sep-12	Sep-12	2012 Sanitary Sewer Rehabilitation Phase B	5915' of 8"; 1281' of 10" CIPP	LaDonna Lawrenz	316.268.4329	\$ 176,113	City of Wichita	
Wichita	KS	Sep-12	Oct-12	2012 Sanitary Sewer Rehabilitation Phase A	360' of 21" CIPP	LaDonna Lawrenz	316.268.4329	\$ 83,820	City of Wichita	
Kansas City	MO	Sep-12	Oct-12	8100 Widner CMP Replacement Project 2012	126' of 15"; 283' of 18"; 52' of 24" CIPP	Alan Lyell	816.471.7844	\$ 44,945	Gunter Construction	City of Lenexa; Debra Wray; 913.477.7500

Layne Inliner, LLC 5-year Job List

Guntersville	AL	Sep-12	Dec-12	ALDOT Storm Water Rehab	349' of 18 to 30" CIPP	Anthony Camp	256.582.2254	\$ 221,021	ALDOT	
Largo	FL	Sep-12	Dec-12	City of Largo - Release 2	1249' of 10" - 24" CIPP	Jimmy Wheaton	727.587.6713	\$ 67,618	City of Largo	
Laramie	WY	Sep-12	Oct-12	SPT Phase 2 Schedule 5 & 5A Project	1295' of 8" CIPP lining	Paul Steed	307.634.7419	\$ 38,885	City of Laramie, WY	Owner
Trimble	TN	Sep-12	Oct-12	City of Trimble - Sewer Rehabilitation	3150' of 8"-12" CIPP lining	Blaine Luttrell	270.276.9439	\$ 103,075	Town of Trimble, TN	Bobby Luttrell & Sons
Cattlettsburg	KY	Sep-12	Dec-12	Marathon Petroleum Cattlettsburg	165' of 20" CIPP lining	Jeremy Knott, PM	606.921.6792	\$ 32,175	Marathon Petroleum	Cattlettsburg, KY
Smithfield	RI	Sep-12	Jan-13	City of Newport	1130' of 8"-15" CIPP	John Rocchio	401.949.5565	\$ 109,750	John Rocchio Corporation	Smithfield, RI
Smithfield	RI	Sep-12	Nov-12	Pawtucket, RI for John Rocchio Corp	1068' of 52"-56" CIPP	John Rocchio	401.949.5565	\$ 349,364	John Rocchio Corporation	Smithfield, RI
Watertown	MA	Sep-12	Nov-12	Waverly Ave & Carroll St.	2800' of 10"-12" CIPP	Bruno Tempesta, PM	617.923.0112	\$ 93,700	Charlest Contr., Watertown, MA	Watertown DPW, Watertown, MA
Laurel	MD	Sep-12	Dec-12	WSSC IDIQ Release 1/Task 25	4015' of 8" CIPP lining	Mark Brown, Project Mgr.	301.206.7339	\$ 473,889	WSSC, Laurel MD	Owner
Dedham	MA	Sep-12	Nov-12	BWS 12-309-004 Fed Corp	280' of 12"-18" CIPP	Lester Valenti, Engineer	781.329.1044	\$ 34,240	Fed Corp, Dedham, MA	Boston Water & Sewer Commission
Richmond	VA	Sep-12	Oct-12	Surry Power Station Storm Sewer Repair	772' of 8"-27" CIPP lining	Chris Kenyon, Proj. Admin	804.273.2412	\$ 183,485	Dominion Company, Richmond, VA	Owner
Waverly	OH	Sep-12	Dec-12	Bridge St. Sewer Rehab. & Replacement	3455' of 15" CIPP lining	Kelly Self, Project Manager	740.947.1117	\$ 149,874	Foil, Inc., Waverly, OH	EMH&T
Danvers	MA	Sep-12	Oct-12	Waltham Housing Authority	770' of 8" CIPP	Daryl Leland, Project Mgr.	781.246.9400	\$ 38,945	Construction Mgrs. & Builders	Danvers, MA
Pinellas Park	FL	Sep-12	Sep-13	Pinellas Park Stormwater 2012	644' of 8"; 1250' of 10" CIPP; Lateral	Randy Roberts	727.541.0771	\$ 98,790	City of Pinellas	
Ft. Wayne	IN	Sep-12	Dec-12	Medium Diameter CIPP Package #1	12,117' of 18" to 30" CIPP	Andi Adams	260.427.5065	\$ 1,095,933	City of Ft. Wayne	
Houston	TX	Aug-12	Sep-12	Sage Meadow Utility District	100' of 15" CIPP	Brian Gerould	713.462.3178	\$ 13,950	Sage Meadow Utility District	IDS Engineering Group
Ft. Jackson	SC	Aug-12	Dec-12	Magruder Avenue 10-inch Waterline Replacement Project	On Call - Construction of Critical Work	Joseph Williams	803.790.7288	\$ 625,432	Palmetto State Utility Services, Inc	PSUS -
Kettering	OH	Aug-12	Aug-14	2012 Sanitary Sewer Lining Program	Maintenance Contract	Edwin Petticrew	937.871.2650	\$ 312,870	Montgomery County Water Services	
Lakeland	FL	Aug-12	Oct-12	City of Lakeland Storm	1337' of 18" - 54" CIPP	Larry Schuler	863.834.3311	\$ 196,354	City of Lakeland	
Paonia	CO	Aug-12	Sep-12	Storm Pipe Rehabilitation	1750' of 8" CIPP	Travis Loberg	970.527.4101	\$ 49,500	Town of Paonia	
Deland	FL	Aug-12	Nov-12	FDOT ESQ59	3994' of 18" to 42" CIPP	Jamie Carter	386.943.5525	\$ 388,894	FDOT - District 5	
Clearwater	FL	Aug-12	May-13	CCTV Year 3 of 3	CCTV Inpection	Rick Cooper	727.562.4779	\$ 400,000	City of Clearwater, FL	
Cleveland	OH	Aug-12	Aug-14	2012 Sewer Lining	33783' of 8" to 36" CIPP	Mike Zovoda	216.348.3843	\$ 3,006,100	Cuyahoga County Dept. of Public Works	
Orlando	FL	Aug-12	Sep-12	Emergency 24-inch	380' of 24" CIPP	Charlie West	407.836.5635	\$ 51,300	Orange County, FL	
Laurel	MD	Aug-12	Nov-12	WSSC IDIQ - Release 1/Task 23	124' of 18" CIPP; 127' of 6" Lateral	Mark Brown	301.206.7339	\$ 2,113,144	WSSC	
Oak Creek	CO	Aug-12	Nov-12	Trenchless Sanitary Sewer Rehabilitation 2012	797' of 21"; 1318' of 24" CIPP	Steve Colby	970.736.8250	\$ 137,475	Morrison Creek MSD	Civil Design Const.; B. Furman - 970.879.3022
Rockville	IN	Aug-12	Dec-12	Town of Rockville	824' of 15" CIPP	Bill White	765.592.0854	\$ 61,760	Town of Rockville	Midwestern Engineers - David Dahl; 812.295.2800
Sulphur Springs	IN	Aug-12	Dec-12	INDOT Contract R-34604-A State Road 5	41' of 84" CIPP	Karl Bates	419.602.3507	\$ 48,760	Indiana Reline - INDOT	
Rockport	IN	Aug-12	Sep-12	Fall 2012 - CCTV	CCTV and Clean Sewer	Luke Boltinghouse	812.686.1500	\$ 12,000	City of Rockport	
Westford	MA	Aug-12	Oct-12	LM Heavy	4600' of 8" CIPP	Steve Harrington	978.692.1901	\$ 171,600	LM Heavy Civil Construction	VHB; Richard Mathews; 617.924.1770
Canon City	CO	Aug-12	Aug-12	Freemont Sanitation District; RFP 2012-05	69' of 8" CIPP	Roy Huges	719.269.9054	\$ 19,865	Fremont Sanitation District	
Lakewood	CO	Aug-12	Sep-12	2011 Capital Improvement Program Project	1554' of 8" CIPP	Jodi Villa	303.985.3636	\$ 46,680	Cherry Hill Heights Water & Sanitation	Sub to Kennedy/Jenks Consultants
Port Wentworth	GA	Aug-12	Nov-12	Armadale Road Sanitary Sewer Rehabilitation	777' of 12"; 689' of 15" CIPP	Philip Claxton	912.964.4379	\$ 69,083	City of Port Wentworth	Port City Design Group; Patrick Burk; 912.927.1485
Houston	TX	Aug-12	Aug-12	HC UD 15	92' of 18" CIPP	Asim Tufail	832.431.5959	\$ 12,420	Clear Brook City MUD	Blackline Engineering
Macon	GA	Aug-12	Nov-12	Corbin to Riverside 24" Sanitary Sewer CIPP	642' of 24" CIPP	Roger Smith	478.256.9353	\$ 96,785	Macon Water Authority	
Greenfield	MA	Aug-12	Aug-12	Town of Greenfield, MA	CIPP 1235' of 6" to 10"	Elizabeth Braccia	413.772.1504	\$ 58,591	Town of Greenfield, MA	Greenfield DPW
Pittsburg	KS	Aug-12	Sep-12	Sanitary Sewer Line Repair Project 2012	5241' of 18" CIPP	Bob Gilmore	620.240.5126	\$ 253,304	City of Pittsburg	P.E.C.; Bruce Remsberg; 620.235.0195
Carnegie	PA	Aug-12	Sep-12	18" Sewer Rehabilitation	285' of 18" CIPP	Frank Tripiano	724.744.3337	\$ 39,045	Soil Construction	Gateway Engineers; Ed Kunzig
Irwin	PA	Aug-12	Aug-12	8" CIPP Sewer Rehabilitation	168' of 8" CIPP	Frank Tropiano	724.744.3337	\$ 10,500	Soil Construction	Gateway Engineers

Layne Inliner, LLC 5-year Job List

Aurora	IN	Aug-12	Oct-12	12" Cured-In-Place	220' of 12" CIPP	Randy Turner	812.926.2745	\$ 18,380	Town of Aurora	
Louisville	KY	Aug-12	Aug-12	Collins Lane Rehabilitation Project	350' of 16" CIPP	Andrea Rogers	502.540.6000	\$ 35,000	Louisville & Jefferson County MSD	Sub to Basham Construction
Auburn	AL	Aug-12	Dec-02	Southside Sewer Basin 12 Rehabilitation Project	5535' of 8", 15", 54" CIPP	Belinda Russian	334.501.7243	\$ 246,056	City of Auburn	
Hialeah Gardens	FL	Aug-12	Aug-12	American Engineering - Wal-Mart St. Augustine	84' of 30" CIPP	Jesus Marquez	305.825.9800	\$ 17,810	American Engineering & Dev. Corp.	
Orlando	FL	Aug-12	Nov-13	City of Orlando Year 4 of 5	2450' of 8"-30" CIPP	Teddi McCorkle, Sr. Cont.Adm	407.246.2291	\$ 604,041	City of Orlando, FL	Owner
Victoria	TX	Aug-12	Oct-12	Sanitary Sewer Rehab. Phase 3	806' of 10"-18" CIPP	Steve Riordon	512.392.0627	\$ 46,002	Rockin Q Cosntruction	Victoria, TX
Reynoldsburg	OH	Aug-12	Dec-12	Sewer & MH Rehabilitation - 2012	1667' of 8" CIPP lining	Mike Root, Wastewater Mgr	614.322.4500	\$ 200,125	City of Reynoldsburg, OH	EMH&T, Columbus, OH
Monroe	NC	Aug-12	Oct-12	Burnt Bill Creek Phase 2	1978' of 24"; 45' of 42"; 150' of 48" CIPP	Connie Z.	704.289.6400	\$ 256,283	State Utility Contractors, Inc	CDM; Michael Sloop 919.325.3500
Frankfort	KY	Aug-12	Nov-12	Two Creeks Sanitary Sewer Rehab	18200' of 8" CIPP, MH, PR	Jessie Bessinger	502.875.2448	\$ 695,000	City of Frankfort	Jacobs Engineering, Glenn Werisst 513.595.5635
Watertown	CT	Jul-12	Dec-12	City of Waltham	CIPP 10,750 of 8 to 15 inch	Joe Perotti	203.228.3690	\$ 349,700	New England Pipe Cleaning Comp.	Coler & Colantonio, Inc.
Acworth	GA	Jul-12	Aug-12	WE Contracting	100' of 24" CIPP	Meridith Remsberg	770.560.6750	\$ 9,049	WE Contracting	
Newnan	GA	Jul-12	Aug-12	Site Engineering College Park	656' of 8" CIPP	Corey Case	770.263.7234	\$ 24,000	Site Engineering	
Wilton Manors	FL	Jul-12	Sep-12	PO 041187	330' of deformed polyeethylene liner	David Archacki	954.390.2100	\$ 12,890	City of Wilton Manor	
Wingate	NC	Jul-12	Jul-13	Gravity Wastewater Collection Sewer Rehabilitation	35000' of 8" to 12" CIPP, MH Rehab	Patrick Niland	704.233.4411	\$ 1,947,062	Town of Wingate	Frazier Engineering; Mark Lambert 704.822.8444
Jupiter	FL	Jul-12	Sep-12	Loxahatchee River District	CIPP 8"1325/10"350	George DiCarlo P.E	561.747.5700	\$ 73,456	Loxaahatchee River Environment	
Biddeford	ME	Jul-12	Aug-12	City of Biddeford, ME	CIPP 630' of 24"	Tom Milligan	207.286.9387	\$ 94,500	City of Biddeford	
Margate	FL	Jul-12	Sep-12	City of Margate	CIPP 1275' of 12"	Doug Reddy	954.561.0942	\$ 162,191	City of Margate	
Altamonte Springs	FL	Jul-12	Aug-12	City of Altomonte Springs	CIPP 15" 145'	James Wickert	407.571.8078	\$ 13,340	City of Altomonte Springs	Owner
Watertown	CT	Jul-12	Aug-12	Town of Lexington, MA	CIPP 8,794' of 6" to 24"	Joe Perotti	203.228.3690	\$ 287,304	New England Pipe Cleaning Comp.	
Indianapolis	IN	Jul-12	Jan-13	Old Lawrence Sewer Rehabilitation Project	37,147' of 8"-15" CIPP; CCTV; MH	Christina Bowers	317.429.3980	\$ 1,553,349	Citizens Energy Group	EMH&T; Ryan Rediger - 317.806.6559
Dracut	MA	Jul-12	Jun-13	Sewer Rehabilitation	560' of 12"; 750' of 18" CIPP	Tom Molinari	978.937.0909	\$ 85,241	Albanese D&S, Inc	
Troy	NY	Jul-12	Oct-12	Rensselaer County Water.Sewer	CIPP 5040' of 8"	John Fetscher	518.270.2914	\$ 201,280	Rensselaer County Water.Sewer	H.V. Labarba & Associates
Dracut	MA	Jul-12	Oct-12	BWS 11-308-006 Albanese D&S, Inc	CIPP 270' of 10" to 12"	Tom Molinari	978.937.0909	\$ 18,756	Albenese D&S, Inc	
Cincinnati	OH	Jul-12	Aug-12	Wardall Ave. 27"	319' of 27" CIPP lining	Bryan Gilbert, Project Mgr.	513.353.1430	\$ 53,750	Queen City Mechanicals	City of Cincinnati, OH
Victor	CO	Jul-12	Aug-12	Wastewater Collection System	2169' of 8"-10" CIPP lining	John Ragulsky	303.825.2322	\$ 69,141	City of Victor, CO	Dewberry Engineers, Denver, CO
Ft. Lauderdale	FL	Jul-12	Aug-12	Coral Springs Impvts. For LMK	3756' of 8" U-Liner	John Rinehart	954.772.0075	\$ 105,740	LMK Pipe Renewal, LLC	Ft. Lauderdale, FL
Colorado Sprgs	CO	Jul-12	Aug-12	2012 CIPP	1888' of 8" CIPP	Jay Adriansen		\$ 52,547	Security Water & Sanitation	Colorado Springs, CO
Portland	TN	Jun-12	Jul-12	2011 Sanitary Sewer Rehabilitation Project	2700' of 8"-21" CIPP; Manhole Rehab	Steve Whitehead	615.323.1437	\$ 361,345	City of Portland	Jacobs
Hialeah Gardens	FL	Jun-12	Jul-12	One Plantation Place	CIPP 2015 of 8" to 10"	Joe Brackowski	305.825.9800	\$ 62,796	American Engineering & Develop	
New Port Richey	FL	Jun-12	Jun-13	City of New Port Richey 2012	CIPP 5887' of 8" to 10"	Sherman Applegate	727.841.4546	\$ 200,000	City of New Port Richey 2012	
Bartow	FL	Jun-12	Aug-12	Polk County Waterview Blvd. PO 21202621	210' of 24" CIPP	Doug Gable	863.534.6757	\$ 31,500	Polk County	
Houston	TX	Jun-12	Nov-12	HC UD 15	34,699; of 8" to 30" CIPP, PR, ETC	Krik Williams	713.784.4500	\$ 1,012,022	Harris County UD 15	Edminster, Hinshaw, Russ & Assoc.
Park City	UT	Jun-12	Jun-12	SBWRD Repairs	978' of 8" CIPP: 4" Laterals	Roger Robinson	435.649.7993	\$ 29,894	Snyderville Wasterwater Reclamation District	
Lakewood	CO	Jun-12	Jul-12	2012 Wheat Ridge CIPP	452' of 8"; 1178' of 12" CIPP	Raj	303.233.1681	\$ 48,790	Applewood Sanitation District	Lane Engineering
Ft. Collins	CO	Jun-12	Jul-12	Fort Collins: Edora Park CIPP	60' of 12" CIPP	Eileen Scholl	970.416.2062	\$ 18,500	City of Ft. Collins; Parks Division	
LaCrosse	KS	Jun-12	Jun-12	Wet Walnut Creek Watershed District 58	112' of 18" CIPP	Ben Rodgers	785.222.2812	\$ 23,520	Wet Walnut Creek Watershed District	King & Assocaites
Stafford	TX	Jun-12	Jun-12	CDC KATY	CIPP 59' of 18"	Trey Sawyer	281.879.0500	\$ 7,200	CDC Unlimited, LLC	
Medford	MA	Jun-12	Sep-12	Aqua Line	2340' of 8" CIPP	Bill Leonard	508.690.2009	\$ 95,990	Aqua Line Utility Inc	GCG Associates
Aurora	CO	Jun-12	Jun-12	475 East Sanitary Sewer Repair Project	680' of 6" CIPP; 8" Laterals	Jared Whitaker	435.723.2921	\$ 27,100	Whitaker Construction	

Layne Inliner, LLC 5-year Job List

Marietta	GA	Jun-12	Jun-12	Olympic Industrial Site	CIPP 870' of 24"/CCTV 24" storm	Bill Higgins	770.419.6434	\$ 2,175	Cobb County Water System	
Elko	NV	Jun-12	Jun-12	Country Club Drive	1800' of 8" CIPP; Laterals - 36"	Antonio Mendez	775.777.7375	\$ 64,300	City of Elko	
Dracut	MA	Jun-12	Jul-12	City of Nashua, NH for DeFelice Corp.	CIPP 970' of 12"	Stew McCormack	978.452.6967	\$ 39,360	DeFelice Corp.	
Quincy	MA	Jun-12	Jul-12	Town Brook Enhancement Project Ph. 2A	275' of 8" CIPP	Eric deMaio	617.756.3358	\$ 25,000	LM Heavy Civil Construction LLC	
Chestnut Hill	MA	Jun-12	Jul-12	Boston College Phase II Stormwater Mitigation	847' of 36" CIPP	Paul Scarnici	617.552.0314	\$ 157,632	Boston College	Waterfield Design Group
Newnan	GA	Jun-12	Aug-12	UGA	570' of 8"; 390' of 10" CIPP; 4 MLPRS	David Warda	770.251.2667	\$ 45,570	David Warda	Ronnie D. Jones Inc
Lakewood	CO	Jun-12	Jul-12	2012 Wheat Ridge CIPP	919' of 8" CIPP	Patrick Roberts	303.431.6100	\$ 24,785	City of Wheat Ridge (Sub to Levi Contr.	Martin & Martin
Charlotte	NC	Jun-12	Oct-12	Eastburn Storm Drain Improvements	1330' of 36", 60" & 72" CIPP	Dan Newman	704.363.9360	\$ 331,720	Blythe Development Company, Inc	
Viera	FL	Jun-12	Dec-12	Brevard County PO 4500074024	8181' of 8"; 1423' of 10" CIPP	Ron Voll	321.617.7390	\$ 270,062	Brevard County	
Powder Springs	GA	Jun-12	Sep-12	Southwire Storm Rehab	270' of 12" CIPP; PR; MH	Alan Gravel	770.222.1555	\$ 25,000	Willow Construction	
Fairburn	GA	Jun-12	Sep-12	Fireside Sanitary Sewer Rehabilitation	3594' of 8" CIPP	Charles "Chip" Flowers	770.964.2244	\$ 124,319	City of Fairburn	
Indianapolis	IN	Jun-12	Dec-12	Old Lawrence Sewer Rehabilitation Project	10,974' of 8" to 12" CIPP; Dig/Replace	Scott Salsberry	317.524.6305	\$ 1,518,757	City of Lawrence Utilities	American Structurepoint
Raleigh	NC	Jun-12	Jul-12	UNC Cogen for Pipeline Utilities	64' of 8"; 460' of 12" CIPP	Gary Janshego	301.420.7197	\$ 21,800	Pipeline Utilities	Jacobs Engineering
Deland	FL	Jun-12	Aug-12	FDOT ESR47	981' of 36" to 54" CIPP	Joe Nowicki	386.943.5525	\$ 443,129	FDOT - District 5	
Dublin	OH	Jun-12	Nov-12	2012 sewer lining City of Dublin, OH	CIPP 47,703 of 8" to 18"	Bill Grubaugh	614.410.4758	\$ 1,577,227	City of Dublin, OH	Same
Ft. Collins	CO	Jun-12	Jul-12	P-7106 Cured In Place Pipe Sanitary Sewers	2020' of 8" CIPP	Holly Hills	303.670.1406	\$ 43,380	City of Ft. Collins	ENS Consulting, LLC
Columbus,	OH	Jun-12	Oct-12	Mound Street - I-71 Sewer Separation	2115' of 36" CIPP lining	Diane Marin, Project Mgr.	614.775.4500	\$ 328,875	City of Columbus, OH	EMH&T, Columbus, OH
Akron	OH	Jun-12	Dec-12	CSO Rack 8 Sewer Separation	3,980' of 8" to 36" CIPP; 5000 Lateral	Dave Spiker	330.762.9373	\$ 243,895	Kenmore Construction	City of Akron
Trotwood	OH	May-12	Jun-12	Wolf Creek 18" Sewer Rehabilitation	200' of 18" CIPP	Tom Long	937.837.1702	\$ 29,400	City of Trotwood	
Greenville	NC	May-12	Jun-12	City of Greenville CIPP Rehabilitation	556' of 8 & 12" CIPP	Bill Edwards	252.551.1557	\$ 45,620	City of Greenville	
Seabrook Island	SC	May-12	Dec-12	Seabrook Island 2012	913' of 15" to 30" CIPP	John Wells	843.768.0061	\$ 183,494	Seabrook Island Property Owners Association	
Wilton Manors	FL	May-12	Jun-12	City of Wilton Manors 2012	Clean/TV	David Archacki	954.390.2100	\$ 2,366	City of Wilton Manors	
Miramar	FL	May-12	Jun-12	PO 01205392	283' of 8" CIPP; Laterals	Whittingham Gordan	954.602.3053	\$ 10,792	City of Miramar	
Toledo	OH	May-12	Jun-12	Corbin Area Sewer Rehabilitation	294' of 8" ; 250' of 24" CIPP	Mark Reiter	419.465.2587	\$ 48,664	Underground Utilities	
Somerville	NJ	May-12	Jun-12	Union Township - Top Line	1250' of 8" CIPP	Steve Castela	908.231.7570	\$ 88,300	Top Line Construction Corp	
Charleston	SC	May-12	Jun-12	15" Emergency	83' of 12" CIPP	Frank Yetes	843.308.8207	\$ 45,000	City of Charleston, SC	
Westwood	MA	May-12	Sep-12	Project No. 4808	14769' of 8" & 12" CIPP	Chris Gallagher	781.320.1085	\$ 491,752	Town of Westwood, MA	CDM Smith
Attleboro	MA	May-12	Jun-12	Rt 1 Sewer Lining	889' of 8"; 497' of 10" CIPP	Carol Brown	508.223.2222	\$ 58,000	City of Attleboro	Attleboro Wastewater Department
Milton	GA	May-12	Jun-12	Milton Bellesterre Drive - 18" CIPP	223' of 18" CIPP	Carter Lucas, P.E.	678.242.2626	\$ 14,750	City of Milton	
Pinellas County	FL	May-12	May-13	Pinellas County Sanitary Sewer CIPP 2012	61,450' of 8" to 36" CIPP	John Linton, P.E.	727.464.8880	\$ 2,817,389	Pinellas County	
Clearwater	KS	May-12	May-12	Clearwater 2012	300' of 8" CIPP	Earnie Misak	316.706.2072	\$ 12,000	City of Clearwater	
Argonia	KS	May-12	May-12	Argonia CIPP 2012	5091' of 8" CIPP	Kevin McCurley/Wayne Vineyard	620.435.6417	\$ 119,638	City of Argonia	
Andover	KS	May-12	May-12	Andover Annual CIPP 2012	4507' of 8" CIPP	Lance Durfey	316.648.9041	\$ 94,400	City of Andover	
Ashland	NE	May-12	May-12	Ashland CIPP 2012	2335' of 8" CIPP	Kent Hoadley	402.505.1758	\$ 58,376	City of Ashland	
Ness City	KS	May-12	May-12	Ness City CIPP 2012	1316' of 8" to 12" CIPP	Earl Crosswhite	785.798.5479	\$ 41,689	City of Ness City	
Owensboro	KY	May-12	May-12	Owensboro - 10" CIPP	350' of 10" CIPP	Kevin Keown	270.316.6727	\$ 23,500	City of Owensboro Utilities	
Jeffersonville	IN	May-12	Sep-12	Oak Park	287' of 8" CIPP	Keith Ingram	812.283.3960	\$ 11,880	Oak Park Conservancy District	
Margate	FL	May-12	May-12	City of Margate PO 12102	835' of 12" CIPP	Doug Reddy	954.561.8942	\$ 46,343	City of Margate	
Lyons	KS	May-12	May-12	Lyons Kansas 2012 CIPP	1040' of 8" CIPP	John Sweet	620.257.2320	\$ 30,888	City of Lyons Kansas	
Tell City	IN	May-12	May-12	Tell City - 15" CIPP	191' of 15" CIPP	Bruce Badger	812.548.4038	\$ 25,375	Tell City, IN	
Port Charlotte	FL	May-12	Jun-12	Charlotte County PO 2012001965	495' of 18"-24" CIPP	Randy Vowell	941.743.1378	\$ 46,065	Charlotte County, FL	

Layne Inliner, LLC 5-year Job List

Ft. Collins	CO	May-12	Jul-12	P-7106 Cured In Place Pipe Sanitary Sewers	6,979' of 6" to 21" CIPP	Ray Fisher	970.221.6233	\$ 302,508	City of Ft. Collins	
Geneva	IN	May-12	Jul-12	Geneva, IN	2739' of 10"; 307' of 12" CIPP & CCTV/Clean			\$ 94,131	Fleming Excavating	
Titusville	FL	May-12	Jul-12	City of Titusville	Pipe Cleaning, Grout Sewer Laterals	Jimmy Gager	321.383.5686	\$ 250,000	City of Titusville	
Madison	KS	May-12	May-12	Madison Kansas 2011 CIPP	522' of 8" CIPP; internal point repairs	Jacob Kingerly	620.437.6069	\$ 19,816	City of Madison Kansas	
Newport News	VA	May-12	Jul-12	Slip Lining of Storm Sewer Pipe	730' of 18", 15", 24" & 42" CIPP	Bernard Moran	301.420.7197	\$ 125,468	City of Newport News	
Littleton	CO	May-12	Jul-12	Raccoon Creek Interceptor Sewer	6116' of 18"-21" CIPP	Rich Cassens, Manager	303.670.1406	\$ 398,018	Platte Canyon Sanitation District	ENS Consulting, LLC
Sulphur Springs	IN	May-12	Jul-12	Hurst Excavating	10250' of 8" CIPP; CCTV/Cleaning	David Hurst	865.922.6142	\$ 298,780	Hurst Excavating	
Indianapolis	IN	May-12	Dec-12	Indiana Reline - INDOT Contract R-32057-A I-74	2,606' of 24" - 66" CIPP	Karl Bates	765.553.5040	\$ 835,040	INDOT	Indiana Reline
Indianapolis	IN	May-12	Dec-12	Indiana Reline INDOT Contract R-33373-A I-69	225' of 84" CIPP	Karl Bates	765.553.5040	\$ 281,250	INDOT	Indiana Reline
Princeton	NJ	May-12	Aug-12	Princeton Borough Sewer Repairs	8270' of 8"; 1200' of 12"; 500' of 30"	Robert W. Bruschi	609.924.3118	\$ 383,150	Borough of Princeton	Princeton Sewer Operating Committee
Cooper City	FL	May-12	Sep-12	City of Cooper City - Sanitary Sewer Rehabilitation	2252' of 8" CIPP	Jeff Roberson	954.434.4300	\$ 127,862	City of Cooper City	
Clinton	IN	Apr-12	Oct-12	Eli Lily - Clinton Indiana	474' of 30" CIPP	Lewis Meling Layne		\$ 73,470	Eli Lily	
Defiance	OH	Apr-12	Dec-12	Group 14/15 Phase I Sewer Improvements	7,750' of 8" to 24" CIPP	Lee Rausch	419.784.2249	\$ 755,700	City of Defiance	Pogemeyer Design Group
Macon	GA	Apr-12	Aug-12	Sanitary Sewer Rehabilitation Bay Street 30" Main	6500' of 30" CIPP	Randy Smith	478.464.5620	\$ 788,740	Macon Water Authority	
Orlando	FL	Apr-12	May-12	Orange County Y11-771 for Prime Construction Group	258' of 8" CIPP	Roy Smith	407.856.8180	\$ 13,739	Prime Construction Group Inc	
Crestline	OH	Apr-12	May-12	Sewer Separation Improvements Phase 1	1,804' of 8"-18" CIPP	Marc Milliron	419.683.3800	\$ 92,094	Village of Crestline	GGJ Consulting Engineers
Lorain	OH	Apr-12	Jul-12	East Erie St. Sanitary Sewer Rehab	8,572' of 10" to 24" CIPP	Dale Vandersommen	440.204.2003	\$ 468,986	City of Lorain	
Gloucester	MA	Apr-12	May-12	Gloucester CIPP Rehabilitation	700' of 8" CIPP	Joe Perotti	203.228.3690	\$ 33,250	NEPCCO	
Chelsea	MA	Apr-12	May-12	Everett Avenue Infrastructure Improvements	704' of 15" CIPP	Scott Karpinski	617.389.4040	\$ 68,210	J. Marchese & Sons	
Orlando	FL	Apr-12	Apr-13	Orange County Sewer Yr. 3 of 3	27,929' of 8" - 30" CIPP	Patty Hobbs	407.836.5456	\$ 1,291,186	Orange County, FL	
Houston	TX	Apr-12	Sep-13	City of Houston 4258-49	TBD - Work Order	Mary Bac	832.395.4992	\$ 3,459,557	City of Houston	City of Houston - Raghavender Nednur
Columbus	OH	Apr-12	Aug-13	Fulton, Mound & Noble Combined Sewer Rehab	1118' of 24"; 5156' of 48" CIPP	Nick Domenick	614.645.4693	\$ 1,221,511	City of Columbus	Ribway Engineering Group - Larry Ivory
Princeton	NJ	Apr-12	May-12	Battle Rd. West & Battle Rd. Circle	1200' of 8" CIPP	Mark Castela	908.231.7570	\$ 39,600	Top Line Construction Corp	
Princeton	NJ	Apr-12	May-12	Grover Ave & Roper Rd.	2340' of 8" CIPP	Mark Castela	908.231.7570	\$ 77,220	Top Line Construction Corp	
Princeton	NJ	Apr-12	May-12	Project 11-02 Princeton Ave & Charlton St.	1334' of 8" CIPP	Mark Castela	908.231.7570	\$ 44,022	Top Line Construction Corp	
Spanish Fork	UT	Apr-12	Jun-12	Sanitary Sewer Rehabilitation Project 2012	4,425' of 6" to 24" CIPP; Laterals	Lua Saluone	801.804.4543	\$ 224,695	City of Spanish Fork	
Ogden City	UT	Apr-12	May-12	36th Street Sewer Rehabilitation	2279' of 10"; 965' of 8" CIPP; PR; Laterals	Kenton Moffett	801.629.8019	\$ 172,666	City of Ogden	Gardner Engineering
Tarpon Springs	FL	Apr-12	May-12	Tarpon Springs Rehab 2012	Misc. Work - CIPP	Al Smith	727.938.3711	\$ 131,760	City of Tarpon Springs	
Mohrsville	PA	Apr-12	Jul-12	West Pottsgrove	1160' of 8"; 700' of 12" CIPP	John Yoder	610.488.7420	\$ 77,700	Wexcon, Inc	
Plainville	CT	Apr-12	Aug-12	Mansfort MDC-32	5350' of 10" -24" CIPP	Jeffrey Mongillo	860.229.4853	\$ 344,000	Manafort Brothers Inc.	CDM Smith
New Martinsville	WV	Apr-12	Sep-12	PPG Industries New Martinsville West Virginia	212' of 66" & 87' of 72" CIPP	Bart Bills	301.455.2200	\$ 344,615	PPG Industries	
Lakeland	FL	Apr-12	Jul-12	Storm Sewer Rehabilitation	300' of 24" CIPP	Larry Schuler	863.834.6780	\$ 29,400	City of Lakeland	
Knoxville	TN	Apr-12	Apr-12	Morgan Contracting CCTV - 8"	CCTV - 8-inch Pipe	Vince Bales	850.537.5000	\$ 8,000	Morgan Contracting Inc	Sub to Morgan
St. Petersburg	FL	Apr-12	Apr-13	St. Petersburg Sanitary Sewer 2010 Year 2	37,173' of 8" to 21" CIPP	Al Smith	727.893.7671	\$ 1,301,400	City of St. Petersburg	
Roanoke	VA	Apr-12	Aug-12	Tinker Creek Sewer Rehabilitation	3804' of 8" & 221' of 12" CIPP; MH	Earl Smith	540.853.5792	\$ 214,593	West Virginia Water Authority	Owner
Dracut	MA	Apr-12	May-12	Albanese Brothers, Inc	1250' of CIPP	Maura Lane	978.454.8850	\$ 43,750	Albanese Brothers, Inc	
Torrington	CT	Apr-12	Jul-12	Southbury Rehabilitation	1600' of 8" CIPP	John T. Russo	860.489.0455	\$ 84,375	C.H. Nickerson & Company, Inc	

Layne Inliner, LLC 5-year Job List

Mooreville	NC	Mar-12	Jun-12	2012 I & I Rehabilitation 1 Project Part A	MH; 2570' of 12 & 15" CIPP	Alan Saine	704.663.4510	\$ 237,732	Town of Mooreville	
Farmersville	OH	Mar-12	Apr-12	Farmersville Sewer Rehabilitation Phase 4	4489' of 8-12" CIPP; MH & PR	Tom Sears	937.313.1503	\$ 198,882	Village of Farmersville	Kramer & Associates
Winter Park	FL	Mar-12	Sep-12	City of Winter Park FY12	Annual - CIPP	Craig Campbell	407.599.3315	\$ 600,000	City of Winter Park	
Aspen	CO	Mar-12	Nov-12	2012 Cured-in-Place Pipe Rehabilitation	11214' of 8"; 425' of 10" CIPP; Laterals	Tom Bracewell	970.925.3601	\$ 321,502	Aspen Consolidated Sanitation Dist.	68 West, Inc
Aurora	CO	Mar-12	Apr-12	Heritage Eagle Bend 6" CIPP	727' of 6" CIPP	Jeff Powles	720.235.1888	\$ 61,311	Heritage Eagle Bend Maser Assoc.	Subs: DRC Construction, Contractors, Baker
Offerie	KS	Mar-12	May-12	Offerie CIPP 2012	380' of 8" CIPP	Mark Lampe	620.659.2840	\$ 25,200	City of Offerie	
Cheshire	CT	Mar-12	Mar-12	SCDOT I-385 Layne Construction Corp	320' of 18 & 42" CIPP	Tyson Hoch	203.235.3351	\$ 59,880	Layne Construction Corp.	
Clermont	FL	Mar-12	May-12	City of Clermont 2012	CIPP, Cleaning/CCTV	James Kinzler	352.241.0178	\$ 199,025	City of Clermont	
Plano	TX	Mar-12	Mar-12	Kaufman Partliners	120' of 8 & 10" CIPP	Brian Kennedy	972.488.3880	\$ 11,630	Kaufman Fresh Water Supply - District No 1. B	
Laurel	MD	Mar-12	Apr-12	WSSC IDIQ 6 Task Order 2	Manhole Rehabilitation	Mike Trail	301.206.7339	\$ 56,232	WSSC	
Tulsa	OK	Mar-12	Mar-12	2011 Northside Sanitary Sewer Line & Manhole	2001' of 8" CIPP; MH Rehab	Terry Roller	918.224.7447	\$ 66,028	Ram Construction	
Towson	MD	Mar-12	Apr-12	Baltimore County Abbie Place Sanitary Sewer Rehab	554' of 8" CIPP; 6" Lateral; MH	Dan Hamilton	410.887.3407	\$ 51,530	Baltimore County Department of Public Works	
St. Mary's	KS	Mar-12	Mar-12	2011 CIPP Rehabilitation	571' of 8" CIPP	Dave Ronsse	785.437.2066	\$ 19,985	City of St. Mary's	
Cranberry Twp	PA	Mar-12	Mar-12	Sanitary Sewer Rehabilitation Project Phase III	1323' of 8" CIPP	Tim Kenny, P.M.	724.538.3900	\$ 50,247	State Pipe Services	Senate Engineers
Louisville	KY	Mar-12	Jul-12	St. Matthews I/I Rehabilitation Project	20' of 18"; 438' of 21", 6325' of 24"	Julie Potempa	502.540.6000	\$ 1,416,285	Louisville & Jefferson County MSD	
Orleans	IN	Mar-12	Mar-12	Chestnut Street Sewer Rehabilitation	2500 -3000' of 8, 10, 12" CIPP	Pat Zaharako	317.888.1177	\$ 5,250	Town of Orleans	Commonwealth Engineers
Mount Dora	FL	Mar-12	May-12	City of Mount Dora 2012	279' of 18" CIPP	Paul Ritter	352.735.7155	\$ 21,762	City of Mount Dora	
Watertown	CT	Mar-12	May-12	Marion 2012 CIPP	580' of 8" CIPP	Joe Perotti	203.228.3690	\$ 25,450	NEPCO	
Palmetto	FL	Mar-12	Jul-12	Treasure Island Pump Station	40' of 24" CIPP	Jim Bunner, Jr.	941.722.0621	\$ 12,500	TLC Diversified Inc	
Hyde Park	MA	Mar-12	May-12	BWS 11-308-009	1600' of 10-15" CIPP	Carmine DiMascio	617.361.1320	\$ 90,000	Susi & DiMascio Co., Inc	
Hyde Park	MA	Mar-12	May-12	BWS 10-308-006	440' of 12-24" CIPP	Carmine DiMascio	617.361.1320	\$ 37,850	Susi & DiMascio Co., Inc	
The Woodlands	TX	Feb-12	Mar-12	Split Rock Sanitary Sewer Rehabilitation	2000' of 24" CIPP	Gregg Lushbaugh	281.367.9511	\$ 277,664	SIRA	
Haysville	KS	Feb-12	Mar-12	Haysville 2012 CIPP	1369' of 8" CIPP	Dave Harper	316.759.9125	\$ 33,380	City of Haysville, KS	
Plantation	FL	Feb-12	Mar-12	City of Plantation PO 11223	CCTV/Cleaning	Charles Spencer	654.452.2544	\$ 10,309	City of Plantation	
Wilton Manors	FL	Feb-12	Mar-12	City of Wilton Manors LS#1	798' of 8" CIPP	David Archacki	954.390.2100	\$ 25,140	City of Wilton Manors	
Sandy Springs	GA	Feb-12	Feb-12	Sandy Springs Granite Ridge Emergency Cleaning	Catch Basin Cleaning	Celia Klardie	770.206.2524	\$ 14,500	City of Sandy Springs	
Sandy Springs	GA	Feb-12	Feb-12	Sandy Springs Woodrill Way Storm Drain Repairs	18" & 36" Pipe and Headwall Repair	Celia Klardie	770.206.2524	\$ 21,000	City of Sandy Springs	
Sandy Springs	GA	Feb-12	Feb-12	Sandy Springs Riverwood 60" Rehab	45' of 60" CIPP	Celia Klardie	770.206.2524	\$ 32,000	City of Sandy Springs	
Dedham	MA	Feb-12	May-12	FedCorp Needham	2200' of 8" CIPP	Lester Valenti	781.329.1044	\$ 57,200	Fed Corp	
Pittsburgh	PA	Feb-12	Dec-12	Sewer Lining Contract P-B2-0911-21	11,210' of 8" to 36" CIPP	Ralph Eyerman	412.232.4414	\$ 1,192,135	PWSA	Chester Engineering
Warrensville	OH	Feb-12	Jun-12	Combined Water Overflow Rehabilitation	8" to 36" CIPP; Laterals; PR	Garth Stevens	216.662.2235	\$ 295,840	Nerone & Sons, Inc	Brown & Caldwell
Laurel	MD	Feb-12	May-12	WSSC IDIQ - Release 1/Task 20	466' of 8" CIPP; PR, Cleanout, MH	Mike Trail	301.206.7339	\$ 850,986	WSSC	WSSC
Laurel	MD	Feb-12	Apr-12	WSSC IDIQ - Release 1/Task 21	MH, Lateral, CIPP	Mike Trail	301.206.7339	\$ 571,443	WSSC	
Laurel	MD	Feb-12	Apr-12	WSSC IDIQ - Release 1/Task 22	286' of 8" CIPP; MH; Lateral Lining	Mike Trail	301.206.7339	\$ 1,016,765	WSSC	
Laurel	MD	Feb-12	Apr-12	WSSC IDIQ - Release 1/Task 17	189' of 6" Laterals; PR; CCTV/Clean	Mike Trail	301.206.7339	\$ 502,992	WSSC	
Laurel	MD	Feb-12	Apr-12	WSSC IDIQ - Release 1/Task 16	836' of 8" CIPP; Laterals	Mike Trail	301.206.7339	\$ 622,804	WSSC	
Laurel	MD	Feb-12	Mar-12	WSSC IDIQ - Release 1/Task 19	CIPP; Point Repairs; Lateral	Mike Trail	301.206.7339	\$ 641,433	WSSC	
Laurel	MD	Feb-12	Mar-12	WSSC IDIQ - Release 1/Task 18	914' of 8" CIPP; Laterals,	Mike Trail	301.206.7339	\$ 378,902	WSSC	
Tamarac	FL	Feb-12	Jan-13	City of Tamarac	CCTV/Cleaning/MH Rehab	Bill Lewis	954.937.3700	\$ 50,000	City of Tamarac	
Kissimmee	FL	Feb-12	Feb-12	Toho Water Authority	300' of 10" CIPP	Butch Lanaville	407.944.5180	\$ 20,355	Toho Water Authority	
Valley City	OH	Feb-12	May-12	Akron Sanitary Sewer Phase 1	6,649' of 8" - 33" CIPP	Marty Shymske	330.273.2784	\$ 327,611	Fabriz Paving Co.	City of Akron- Karen Dyer 330.375.2104
Mobile	AL	Feb-12	Feb-13	2012 Annual	18-54" CIPP and restoration	William Wilkerson	251.476.4720	\$ 3,970,701	City of Mobile, AL	McCrory & Willams

Layne Inliner, LLC 5-year Job List

Avon	MA	Feb-12	May-02	BWS 09-309-010	640' of 24x36"; 440' of 36x48" CIPP	John Bauld	617.413.2102	\$ 204,800	D'Allessandro Corporation	
Winter Springs	FL	Feb-12	May-12	City of Winter Springs	4288' of 8" - 15" CIPP	Miguel Sanchez	407.327.1800	\$ 189,155	City of Winter Springs	
Brockton	MA	Feb-12	May-12	BWS 10-308-008	1585' of 10", 12"; 24x36" CIPP	Richard McLaughlin	508.587.3409	\$ 173,415	McLaughlin Bros. Contracting Corp.	
Wichita	KS	Feb-12	Apr-12	2011 CIPP Sewer Rehab Maple Hill Kansas (UMC)	18000' of 8" CIPP	Greg Bruggeman	316.945.8833	\$ 333,000	Utility Maintenance Contractors	
Spotsylvania	VA	Feb-12	May-12	Spotsylvania - 2012	11700' of 8" CIPP	Delma Armstrong	540.507.7324	\$ 316,400	Spotsylvania County Utilities Dept.	
Watertown	CT	Feb-12	Sep-12	Waltham - Poet CIPP Rehabilitation	13,000' of 6" & 8" CIPP	Joseph Perotti	203.228.3690	\$ 432,500	NEPCCO	
Chelsea	ME	Feb-12	Jun-12	Harold Warren Const.-Rockland, ME	1445' of 8"-15" CIPP	Mark Warren	207.582.2686	\$ 113,075	Harold Warren Construction	
Largo	FL	Jan-12	Sep-12	City of Largo 2012	Various Inspection/CCTV/Cleaning	Jim Wheaton	727.587.6713	\$ 510,000	City of Largo	
Abilene	KS	Jan-12	Feb-12	2011 Sanitary Sewer Rehabilitation	1156' of 6-8" CIPP	Lon Schrader	785.263.2550	\$ 32,416	City Abilene	
Dublin	OH	Jan-12	Jan-12	Muirfield Village Golf Course Sanitary Sewer Rehab	52' of 10" CIPP	Scott Fulmer	419.683.4200	\$ 13,000	Elite Excavating	Delware County
Dublin	OH	Jan-12	Mar-12	Murifeild Village Golf Course Sanitary Sewer Rehab	9338' of 8" - 18" CIPP	Bill Grubaugh	614.206.3312	\$ 499,522	City of Dublin, OH	
Wake Forest	NC	Jan-12	Jul-12	Wendell Priority Sewer Rehabilitation	31, 568' of 8" - 12" CIPP	Connie Sykes	919.295.4630	\$ 903,245	Moffat Pipe	Hydrostructures, PA
Laurel	MD	Jan-12	Feb-12	WSSC IDIQ - Release 1/Task 8	3593.5' of 8" CIPP	Licette Santiago Villafane	301.206.7339	\$ 345,663	WSSC	
Lakeland	FL	Jan-12	Sep-12	City of Lakeland Sanitary Sewer	CIPP/Cleaning/CCTV	B. Williamson	863.834.6780	\$ 420,000	City of Lakeland	
Orlando	FL	Jan-12	Mar-12	Range Drainage District	15,287' of 15" - 48" CIPP	Cecil Davis	407.568.5502	\$ 1,590,342	Ranger Drainage District	
Ft. Collins	CO	Jan-12	Feb-12	2011 Sanitary Sewer Rehabilitation	216' of 10" CIPP	Tracy Abel	970.941.0306	\$ 10,800	Colorado State University	
Ft. Collins	CO	Jan-12	Feb-12	2011 Sanitary Sewer Rehabilitation	175' of 10" CIPP	Tracy Abel	970.491.0306	\$ 10,500	Colorado State University	
Raleigh	NC	Jan-12	Jan-12	Falls Point Sewer Outfalls Repair	317' of 8" CIPP	Billy Sparkman	919.369.8310	\$ 31,239	Sparkman Construction	EDR Engineering
Mishawaka	IN	Jan-12	Mar-12	Mishawaka/Sub to John Boetcher Construction	300' of 20" CIPP	John Boetcher	574.276.2060	\$ 42,315	City of Mishawaka/	Sub to John Boetcher Construction
Laurel	MD	Jan-12	Mar-12	WSSC IDIQ - Release 1 Task 9	3265' of 8-10" CIPP; Tap Trim, Joint Seal	Mike Trail	301.206.7339	\$ 318,523	WSSC	
Birmingham	AL	Jan-12	Jul-12	Shades Transfer 54" CIPP	6100' of 54" CIPP, Bypass, MH, Open	Matt Alapugh	205.521.7525	\$ 4,278,490	Jefferson County	CH2M Hill- Mke Stickley, P.E. 205.326.8912
Cheyenne	WY	Jan-12	Feb-12	Fiscal Year 2012 Dry Creek Sewer Lining Project	3257' of 10" CIPP	Jeff Pericenka	307.637.6496	\$ 313,075	Board of Public Utilities -	City of Cheyenne, WY
Tolleson	AZ	Jan-12	Jan-12	91st Avenue Sewer Rehabilitation	1917' of 15" CIPP	Paul R. Gilmore	623.474.4960	\$ 95,304	City of Tolleson	
New Richmond	OH	Jan-12	Feb-12	Sanitary Sewer Lining, Phase 2	3583' of 8" CIPP	Dave Kennedy	513.553.4146	\$ 114,715	Village of New Richmond	Environmental Engineering
Deltona	FL	Jan-12	May-12	City of Deltona Sewer PO 12403-00	Various CIPP, Cleaning & CCTV	Jeff Elder	386.878.8100	\$ 250,000	City of Deltona	
Laurel	MD	Jan-12	Mar-12	WSSC IDIQ - Release 1/Task 12	3477' of 8" CIPP, Lateral, Spot Repairs	Mike Trail	301.206.7339	\$ 406,562	WSSC	
Laurel	MD	Jan-12	Mar-12	WSSC IDIQ - Release 1/Task 13	428' of 8" CIPP; 8" Lateral; PR	Mike Trail	301.206.7339	\$ 483,188	WSSC	
New Orleans	LA	Jan-12	Jul-12	S&WB of New Orleans Lower Ninth Ward Sewer	15,390' of 8" - 15"	Thomas Behan	504.466.1344	\$ 430,080	Sub to BLD/S & WB of New Orleans	MWH
Dalton	OH	Jan-12	Mar-12	Streetsboro Trunk Line Sewer Rheabilitation	2134' of 24" & 2331' of 10" CIPP	George Bosu	330.837.4767	\$ 252,452	Wenger Excavating, Inc.	Portage County Water Resources
Laurel	MD	Jan-12	Feb-12	WSSC - IDIQ - Release 1/Task 14	CIPP; Cleanout; Point Repairs	Mike Trail	301.206.7339	\$ 707,162	WSSC	
Laurel	MD	Jan-12	Apr-12	WSSC IDIQ - Release 1/Task 11	4650' of 8-10", MH, PR, Spot Repairs	Mike Trail	301.206.7339	\$ 650,482	WSSC	
Largo	FL	Jan-12	Feb-12	St. Petersburg Cleaning	Cleaning	Tom Jordan	727.535.0776	\$ 9,000	All American Concrete	
Hoboken	GA	Jan-12	Aug-12	Muddy Creek Sub Basins L3B-9	36,275' of 8" - 24" CIPP	Christy Jennings	912.458.3747	\$ 1,047,300	CaJenn Construction	Highfill Infrastructure Engineering
Baton Rouge	LA	Jan-12	Sep-12	Rehabilitation Project II - Bluebonnet/Jefferson	45,632' of 8"-24" CIPP; 234' Lateral	Amy Schulze	225.389.5623	\$ 2,188,134	City of Baton Rouge Parish of East Baton	CH2M
Watertown	CT	Jan-12	Mar-12	NEPCCO	1812' of 8-15" CIPP; Laterals	Joseph Perotti	203.228.3690	\$ 66,138	New England Cleaning Company NEPCCO	NEPCCO

Layne Inliner, LLC 5-year Job List

Ft. Collins	CO	Jan-12	Jan-12	North College Improvements: College Ave/Apline St.	108' of 21" CIPP	Bill Anderson	970.223.3151	\$ 14,580	City of Ft. Collins	Connell Resources
Dedham	MA	Jan-12	Feb-12	Quincy - Fed Corp	2,495' of 6" - 24" CIPP	Lester Valenti	781.329.1044	\$ 183,970	Fed Corp	Woodward & Curran
Margate	FL	Dec-11	Jan-12	Margate PO 120464	1549' of 8" CIPP	Doug Reddy	954.972.6454	\$ 64,986	City of Margate	
Denver	CO	Dec-11	Dec-11	Hi Lin: 2011-2 Cured In Place Project	505' of 8" CIPP	Niel Kimmel	303.773.1900	\$ 12,763	Hi Lin	
Port Charlotte	FL	Dec-11	Jan-12	Charlotte County Stormwater	Various Sizes of CIPP Lining	Randy Vowell	941.743.1378	\$ 84,743	Charlotte County	
Columbus	OH	Dec-11	Mar-12	Berliner Park Storm & Sanitary Sewer Improvements	8" - 21" CIPP	Whit Wardell	614.258.9515	\$ 17,152	Complete General	DLS Ohio
Sanford	FL	Dec-11	Dec-11	B&D Enterprises, Inc	332' of 30" & 36" CIPP	Donald Hess, Jr	407.878.2215	\$ 68,120	B&D Enterprises	
Deltona	FL	Dec-11	Jan-12	City of Deltona 2012	304' of 42" & 48" CIPP	Joseph Walker	386.878.8100	\$ 65,420	City of Deltona, FL	
Coatsville	PA	Dec-11	Dec-11	8", 10" & 18" Sewer Lining	1864' of 8" - 18" CIPP	Victor Howard	717.737.6092	\$ 83,094	Utilities Services Group, Inc	PA American Water
Laurel	MD	Dec-11	Mar-12	WSSC IDIQ - Release 3/Task 7	2507' of 8" - 12" CIPP	Licette Santiago Villafane	301.206.7339	\$ 300,678	WSSC	
Wellington	CO	Dec-11	Dec-11	Mountain Supply Reservoir Outfall	200' of 18" CIPP	Stephen Smith	970.568.3612	\$ 23,070	North Poudre Irrigation Company	
Aurora	CO	Dec-11	Dec-11	Mansfield Heights Water & Sanitation District	1626' of 8" CIPP	Sue Blair	303.381.4960	\$ 43,902	Mansfield Heights Water & Sanitation	
Houston	TX	Dec-11	Dec-11	Remington MUD	153' of 10" CIPP	Erik Miller	713.784.4830	\$ 13,000	Remington MUD	
Laurel	MD	Dec-11	Dec-11	WSSC IDIQ - Release 1/Task 15	Spot Repairs	Licette Santiago Villafane	301.206.7339	\$ 7,500	WSSC	
Marietta	GA	Dec-11	Dec-11	CCMWA Quarries 30" Intake Repair	180' of 30" CIPP	Chris Dillard	770.514.5300	\$ 72,280	Cobb County - Marietta Water Author	
Marietta	SC	Dec-11	Dec-11	Hwy 228 & Carter Drive Sewer & MH Rehab	707' of 8" CIPP, MH Rehab	Billy Humphries	678.242.2626	\$ 29,912	City of Marietta, SC	
Jeffersonville	IN	Nov-11	Dec-11	Oak Park Conservancy District	170' of 12" CIPP	David Meyers	502.553.2536	\$ 13,200	Oak Park Conservancy District	
Lakeland	FL	Nov-11	Dec-11	City of Lakeland CIPP	493' of 21"-36" CIPP	Larry Schuler	863.834.3311	\$ 51,478	City of Lakeland	
West Hurley	NY	Nov-11	Nov-11	Poughkeepsie - Vassar	120' of 8" CIPP	Rudie Baker	845.338.6025	\$ 20,000	Kingston Equipment Rental, Inc	
Laurel	MD	Nov-11	Feb-12	WSSC IDIQ - 6 Task Order 1	3925' of 8" & 24" CIPP & MH Rehab	Licette Santiago Villafane	301.206.7339	\$ 904,952	WSSC	
Farmington Hills	MI	Nov-11	Dec-11	Deerfield Lakes MHC	3767' of 8" CIPP	Timothy Klein	248.737.1413	\$ 137,644	Deerfield Lakes Associates Limited	
Coconut Creek	FL	Nov-11	Dec-11	City of Coconut Creek - Various Locations	134' of 15" CIPP	John Lukaszewicz	954.973.6730	\$ 12,060	City of Coconut Creek	
Orlando	FL	Nov-11	Nov-12	City of Orlando - B109-2570 Year 3	Misc. CIPP	Connie Royer	407.246.2367	\$ 727,292	City of Orlando	
Sanford	FL	Nov-11	Oct-12	Seminole County PO 29006	On Call	Owen Reagan	407.665.7116	\$ 243,000	Seminole County	
Corydon	IN	Nov-11	Nov-11	Chestnut Street Sewer Rehabilitation	2461' of 8" CIPP	Brian Bullock	812.295.2800	\$ 81,213	Town of Corydon	Midwestern Engineers
Palmetto	FL	Nov-11	Nov-11	Longboat Key Lift Station F	Reline Lift Station F	John Branch	941.722.0621	\$ 16,200	TLC Diversified, Inc	
Greenwood Village	CO	Nov-11	Dec-11	54" Irrigation Pipe Rehabilitation	450' of 54" CIPP	Suzanne Moore, P.E.	303.708.6142	\$ 108,000	Greenwood Village	Johnston Engineering Associates, Inc
Viera	FL	Nov-11	Nov-11	Brevard County PO 4500071792	380' of 8" & 125' of 12" CIPP	Raymond Brake	321.617.7391	\$ 23,545	Brevard County	
Morrow	GA	Nov-11	May-11	Clayton Co. Water - Annual for Stormwater	Clean/TV - Preliner	Cliff Beroset	678.422.2828	\$ 51,793	Clayton Co. Water	Morrow, GA
Dedham	MA	Nov-11	Feb-12	Arlington - Fed Corp	4,885' of 6" - 15" CIPP	Lester Valenti	781.329.1044	\$ 190,859	Fed Corp	Weston & Sampson
Akron	OH	Nov-11	Dec-11	Mill Creek Interceptor Rehabilitation - Phase II	1030' of 48" - 66"	Tony Paglia	330.762.9373	\$ 306,700	Kenmore Construction	
Rockport	IN	Nov-11	Nov-11	Rockport CCTV	CCTV Sewers	Luke Boltinghouse	812.686.1500	\$ 7,200	City of Rockport	
Houston	TX	Oct-11	Oct-11	Corpus Christi - NESBIT	70' of 8" CIPP	Jesse Salazar	281.957.4033	\$ 7,500	Corpus Christi, TX	
Waterville	ME	Oct-11	Dec-11	Waterwill Sewerage - Pine Street	1,502' of 8"-12" CIPP	David Blair	207.873.5191	\$ 69,814	Waterville Sewerage District	
South Hampton	NH	Oct-11	Dec-11	Farmington, NH	1180' of 8" & 15" CIPP	Bud Finnemore	603.394.7664	\$ 48,220	Jamco Excavator, LLC	Wright-Pierce
Breinsville	PA	Oct-11	Nov-11	Middleton, CT - Sewer Rehabilitation	140' of 22"x28"; 30x17" transition	Joseph Votta	610.904.4506	\$ 99,100	Buckeye Partners, LP	
Greely	CO	Oct-11	Jan-12	Trunk and Collector Rehabilitation	8,761' of 6" - 48" CIPP	Phil Carter	970.350.9826	\$ 1,341,396	City of Greeley	City of Greeley
Trumbull	CT	Oct-11	Dec-11	Brookview Drive	400' of 15" CIPP	Robert Chimini	203.482.5042	\$ 38,400	Town of Trumbull	Trumbull Engineering Department
Wichita	KS	Oct-11	Oct-11	2011 Sanitary Sewer Maintenance	146' of 8" CIPP	Greg Bruggeman	316.993.8788	\$ 9,490	Sprint Air	
Ft. Collins	CO	Oct-11	Oct-11	JCMD: 10" Point Repairs	12' of 10" CIPP	Mark Taylor	970.226.0557	\$ 5,200	TST Inc	TST Inc
Ft. Campbell	KY	Oct-11	Dec-11	Ft. Campbell, KY - WW029	7,953' of CIPP, CCTV	Robert Tipton	934.648.4449	\$ 758,333	Ft. Campbell Army Base	Sub to Kellie Tipton Construction
Laurel	MD	Oct-11	Dec-11	WSSC IDIQ - Release 1/Task 6	2,416' of 8-10" CIPP; MH Rehab	Licette Santiago Villafane	301.206.7339	\$ 298,585	WSSC	

Layne Inliner, LLC 5-year Job List

Laurel	MD	Oct-11	Dec-11	WSSC IDIQ - Release 1/Task 5	3655' of 8" CIPP; MH; PR, Tap Trim	Licette Santiago Villafane	301.206.7339	\$ 410,193	WSSC	
Watertown	CT	Oct-11	Dec-11	Stroughton - NEPCCO	926' of 8" - 12" CIPP	Joseph Perotti	203.228.3690	\$ 66,048	NEPCCO	
Laurel	MD	Oct-11	Dec-11	WSSC IDIQ - Release 1 Task 3	431' of 8" CIPP; MH; Point Repairs	Licette Santiago Villafane	301.206.7339	\$ 795,351	WSSC	WSSC
Burke	VA	Oct-11	Dec-11	Fort Belvoir Subcontractor Support & Project Mgmt	Misc. CIPP; CCTV; ByPass	Rudy Walker	703.239.8474	\$ 1,896,980	Fairfax County, VA -DPW	
Burke	VA	Oct-11	Dec-11	Fort Belvoir CIPP	4558' of 36" - 54" CIPP	Rudy Walker	703.239.8474	\$ 1,227,760	Fairfax County, VA -DPW	
Arvada	CO	Oct-11	Oct-11	2011 Cured In Place Pipe Red Cliff Sanitary Sewer	1721' of 8" - 12" CIPP	Phil Waitlher	303.888.8588	\$ 31,082	Ralston Valley Sanitation	
Piketon	OH	Oct-11	Dec-11	Outfall Piping Ash Pond	310' of 36" CIPP	Chasson Voss	740.289.7200	\$ 32,500	Ohio Valley Electric Corporation	
Houston	TX	Oct-11	Nov-11	Memorial Villages	1369' of 6" - 10" CIPP	Glen Crawford	832.582.8420	\$ 44,500	Memorial Villages Water Authority	
Centennial	CO	Oct-11	Dec-11	2011 CIPP Rehabilitation - SEMSWA	260' of 60" CIPP	Jon Nelson	303.858.8844	\$ 149,770	Southeast Metro Sanitary Water Auth	(SEMSWA)
Parker	CO	Oct-11	Oct-11	2011 CIPP Rehabilitation	1335' of 8" CIPP	Tim "TR" Richards	303.805.1839	\$ 37,545	Pinery Water & Wastewater District	
Hillsboro	KS	Oct-11	Nov-11	Part B Sewer Rehabilitation	18,060' of 8" - 15" CIPP	James Kohman	620.793.8411	\$ 523,650	City of Hillsboro, KS	
Laurel	MD	Oct-11	Nov-11	WSSC IDIQ - Release 1 Task 4	4445' of 8" - 12" CIPP; MH Rehab	Licette Santiago Villafane	301.206.7339	\$ 411,560	WSSC	WSSC
Tell City	IN	Oct-11	Oct-11	60" CIPP	CCTV	Mack Cail	812.548.4034	\$ 2,500	City of Tell City	
Auburn	AL	Oct-11	Jul-12	Southside Sewer Interceptor Rehab Proj 2011	16,000' of 24" - 30" CIPP	Matt Dunn	334.501.3077	\$ 1,750,717	City of Auburn, AL	
Wilton Manors	FL	Oct-11	Oct-11	City of Wilton Manors - CIPP	27' of 12" CIPP	David Archacki	954.390.2100	\$ 9,200	City of Wilton Manors	
Crested Butte	CO	Oct-11	Nov-11	Red Cliff Sanitary Sewer: 2010 Cured In Place Pipe	135' of 8" CIPP	Bill Lacy	970.349.5010	\$ 17,160	Town of Red Cliff	
Frisco	CO	Oct-11	Nov-11	24" Overflow Line with Cured In Place Pipe	89' of 24" CIPP	Butch Green	970.668.3723	\$ 16,910	Frisco Sanitation	
Littleton	CO	Oct-11	Nov-11	Weaver Gulf Outfall	618' of 15"; 60' of 8" CIPP; Laterals	Lisa Schwein	303.985.7895	\$ 32,910	Lakehurst Water & Sanitation	Kennedy & Jenks
Lakewood	CO	Oct-11	Nov-11	Daniels Sanitation: 2011 CIPP Rehabilitation	300' of 8" CIPP	Jason Nelson	303.233.2182	\$ 12,300	Daniels Sanitation	
Melbourne	FL	Oct-11	Oct-11	Florida Institue of Technology	50' of 18" CIPP	Barry Bartolino	321.674.8110	\$ 12,403	Florida Institute of Technology	
Margate	FL	Oct-11	Oct-11	City of Margate PO#110202	2299' of 8" CIPP	Gregory 'Gus' Gustitus	954.972.0828	\$ 77,995	City of Margate, FL	
Houston	TX	Oct-11	Oct-11	Broad Oaks	183' of 24" CIPP	Glen Crawford	832.582.8420	\$ 17,575	City of Houston	T. Construction
Aurora	CO	Oct-11	Oct-11	16" Aerial DIP CIPP Installation	165' of 8" CIPP	Sue Blair	303.381.4960	\$ 16,800	Hillcrest Water & Sanitation District	Kennedy & Jenks
Newburgh	IN	Oct-11	Oct-11	Deaconess Hospital Investigative CCTV	CCTV - 150' of 15"	Mark Lovelace	812.421.1744	\$ 2,750	Deaconess Hospital	Summit Contracting
Aurora	CO	Oct-11	Oct-11	Aerial DIP CIPP Contract	254' of 16" CIPP	Ron Degenhart	720.859.4340	\$ 17,272	Aurora Water, Aurora, CO	PB World
Louisville	KY	Oct-11	Dec-11	Hurstbourne I&I	4852' of 15" - 27" CIPP	Andrea Rogers	502.540.6427	\$ 768,553	MSD Louisville	MSD Louisville
Pineville	NC	Oct-11	Oct-11	30" CIPP at Lawton Road	410' of 30" CIPP	Kevin Johnson	704.889.2855	\$ 63,755	Bullseye Construction	City of Charlotte, NC
Milton	GA	Oct-11	Oct-11	Milton Hopewell Road 42" CIPP	82' of 42" CIPP	Carter Lucas	678.242.2626	\$ 19,756	City of Milton, GA.	
Arvada	CO	Oct-11	Nov-11	Ridge Home Water & Sewer System Upgrade	1081' of 6" & 8" CIPP; Laterals	Phil Waitlher	303.985.7895	\$ 29,488	City of Arvada, CO	
Harrisburg	PA	Oct-11	Mar-12	Jackson Township Sewer Rehab 2011/2012	8036' of 8" CIPP; CCTV: lateral Grout	Bryan Weaver	717.866.4771	\$ 212,954	Jackson Township Authority	Gannett Flemming
St. Petersburg	FL	Oct-11	Sep-12	St. Pete Clean/CCTV Yr 3 or 5	Cleaning/CCTV	Lane Longley	727.892.5612	\$ 600,000	City of St. Petersburg	
Lakewood	CO	Oct-11	Oct-11	2011 Capital Improvement Program	1953' of 8" CIPP	Jodi Villa	303.985.3636	\$ 58,590	Cherry Hills Heights Water & Sanitation	
Whitesville	KY	Oct-11	Dec-11	Lakewood Valley, LLC	130' of 30" CIPP	Gene Thompson	270.233.4474	\$ 32,500	Lakewood Valley, LLC	
Aspen	CO	Sep-11	Nov-11	Aspen Consolidated Sanitation District 2011 CIPP Reh	10850' of 8" & 12" CIPP	Tom Bracewell	970.925.3601	\$ 297,893	Aspen Consolidated Sanitation District	68 West, Inc
Jonesville	VA	Sep-11	Oct-11	Smoky Mountains National Park 2011	446' of 24" CIPP	Homer Vandergriff	276.346.1227	\$ 109,950	Estes Brothers	
Palm Coast	FL	Sep-11	Dec-11	City of Palm Coast	2689' of 8" U-Liner	Ralph Hand	388.966.2350	\$ 75,448	City of Palm Coast	
Hoboken	GA	Sep-11	Oct-11	Winston Salem Emergency 36" CIPP	510' of 36" CIPP	Billy Jennings	912.458.3747	\$ 89,250	Cajenn Construction	
Deltona	FL	Sep-11	Nov-11	City of Deltona - Phase 2	Miscellaneous Work	Joseph Walker	388.678.8100	\$ 119,845	City of Deltona	
Watertown	CT	Sep-11	Dec-11	Mahoning - CIPP Rehab	3250' of 8" CIPP; Laterals	Joseph Perotti	203.228.3690	\$ 121,600	NEPCCO, Watertown, CT	
Watertown	CT	Sep-11	Dec-11	Kent CIPP Rehabilitation	2270' of 8-10" CIPP; Laterals	Joseph Perotti	203.228.3690	\$ 83,150	NEPCCO, Watertown, CT	
Tucson	AZ	Sep-11	Dec-12	Forty Niners Country Club CIPP Rehab Project	29,533' of 6" -15" CIPP; 293' of 4" La	Noel Ortiz	520.740.6486	\$ 1,965,202	Pima County WWRD	
Columbia	SC	Sep-11	Oct-11	CIPP 18" Storm Drain	201' of 18" CIPP	Allison Busch	803.576.3576	\$ 18,881	Richland County, SC	

Layne Inliner, LLC 5-year Job List

Jay	ME	Sep-11	Sep-11	Verso - Jay Mill	472' of 472" CIPP	Bryce Weeks	207.897.1509	\$ 171,800	Verso Paper Corp	
Moncks Corner	SC	Sep-11	Feb-12	Red Bank Road Sewer Rehab	8530' of 36" CIPP	Micah Miley	843.719.2679	\$ 1,397,495	Berkeley County Water & Sanitation	Jacobs Engineering Group
Altamonte Springs	FL	Sep-11	Oct-11	Escondido Apartments	215' of 30" CIPP	Greg Caruso	407.339.6162	\$ 32,250	Escondido Community Assoc.	
Ft. Campbell	KY	Sep-11	Apr-12	WW028 Priority Mini Projects Phase II	278' of 6"; 271' of 8" CIPP; CCTV/Cle	Robert Tipton	934.648.4449	\$ 29,646	Ft. Campbell Army Base	CH2M Hill
Fairburn	GA	Sep-11	Sep-11	Senoia Road Point Repair and MH Lining	Sewercoat - 8' - Point Repair/MH	Charles 'Chip' Flowers	770.964.2244	\$ 15,780	City of Fairburn	
Okatie	SC	Sep-11	Sep-12	Sewer System Rehab Proj - Division 1	51,513' of CIPP; Find & Fix Proj	Tricia Kilgore	843.987.9248	\$ 5,403,111	Beaufort Jasper Water & Sewer Auth	URS/BP Barber
Margate	FL	Sep-11	Sep-11	Margate	Miscellaneous Work	Wendell Wheeler	954.972-6454	\$ 73,375	City of Margate	
Ft. Campbell	KY	Sep-11	Apr-12	WW028 Priority Mini Projects Phase II	1240' of 6-15"; 3634' of CCTV/Clean	Robert Tipton	931.648.4449	\$ 121,444	Ft. Campbell Army Base	CH2M Hill - Sub to Tipton Construction
Okatie	SC	Sep-11	Sep-12	Sewer System Rehab Proj - Division 2	3727' of 8", 738' of 10" Find & Fix Proj	Tricia Kilgore, P.E.	843.987.9248	\$ 715,935	Beaufort Jasper Water & Sewer Auth	URS/BP Barber
Carrollton	KY	Sep-11	Nov-11	Dow Corning Corp	CCTV & Inspec 27" - 60" Storm	Jeff Salverson	800-248-2481	\$ 44,000	Dow Corning Corporation	
Westland	MI	Sep-11	Dec-11	MDOT - Marengo Township	5,854' of 12" - 48" CIPP	Steve Carbeck	734.721.0081	\$ 403,529	Advanced Underground Inspection	MDOT
Barker	FL	Sep-11	Sep-11	Flat Branch Interceptor	125' of 42"; 35' of 48" CIPP	Connie	850.537.5000	\$ 65,025	Morgan Contracting Inc	
Olathe	KS	Sep-11	Nov-11	2011 Sanitary Sewer Maintenance	14224' of 8" & 15" CIPP	Ric Gere	913.971.9245	\$ 253,016	City of Olathe	
Colorado Springs	CO	Sep-11	Oct-11	18" Point Repair for Par Electric Contractors	5' of 18" CIPP	Andrew Pinello	719.660.3611	\$ 7,600	Ken Carl Sanitation	
Winter Park	FL	Sep-11	Nov-11	Winter Park Sanitary Sewer 2011	8423' of 8"-18" CIPP	Craig Campbell	407.599.3315	\$ 342,340	City of Winter Park	
Corbin	KY	Sep-11	Mar-12	2011 Sanitary Sewer Rehabilitation	20,470' of 6" - 15" CIPP, MH, PR, Lat	Ron Herd	606.528.4026	\$ 1,297,337	City of Corbin	GRW
Plantation	FL	Sep-11	Sep-11	City of Plantation - CCTV/Clean	Clean/CCTV 24" & Smaller, 1280LF	Charles Spencer, Jr.	954.452.2544	\$ 7,680	City of Plantation	
New Haven	CT	Sep-11	Oct-11	New Haven - Camputaro	50' of 12" CIPP	Thomas Buzzi	203.483.0330	\$ 20,000	Ralph Camutaro & Sons Excavating,	
Toledo	OH	Sep-11	Apr-12	Bennett Area Sewer Rehabilitation - 2011	33,200' of 8"-30"CIPP	Mike Elling	419.936.2276	\$ 2,088,295	City of Toledo	City of Toledo
Greenville	SC	Sep-11	Sep-12	FY 2012 Sewer Rehabilitation	48,836' of 12-30" CIPP; Laterals; MH	Julie Dacus	864.299.4020	\$ 3,029,835	ReWa- Greenville, SC	Nelson Mullins Riley & Scarborough, LLP
Hampton	GA	Sep-11	Sep-11	Hall Construction Inc	80' of 8" CIPP; Dig & Replace PipeBur	Mark Hall	770.946.4953	\$ 22,500	Hall Construction Inc	
Concord	NH	Sep-11	Dec-11	2011 CIPP 91 Sanitary Sewer Trenchless Lining Proj	5,514' of 8" - 15" CIPP	Connie	603.230.3884	\$ 139,139	City of Concord	City of Concord Community Development
Owings	MD	Sep-11	Sep-11	Anne Arndel County, 18-inch Storm Drain	110' of 18" CIPP	Richard Larrimore	410.257.9136	\$ 20,250	Strohecker, Inc	
Pinellas Park	FL	Sep-11	May-12	Storm Sewer Rehabilitation 2011	405' of 30" CIPP; 625' of 15" CIPP	Randy Roberts	727.541.0771	\$ 69,245	City of Pinellas Park	
Baton Rouge	LA	Sep-11	Aug-12	Silverleaf Rd/Ford St Area Rehab Project; NO 10-AR-BD-0041	87,281' of 8" - 36" CIPP	Amy Schulze	225.389.5623	\$ 2,538,486	City of Baton Rouge Parish of East Baton	CH2M Hill: Jason Crain; Sub to John Plott Co.
Melbourne	FL	Aug-11	Oct-11	Earthworks Site Development, LLC	162' of 30" CIPP	Gerald Head	321.427.8335	\$ 28,389	Earthworks Site Development, LLC	
Winter Springs	FL	Aug-11	Oct-11	Winter Springs - Rehabilitation	189' of 42" & 48" CIPP	Zynka Perez	407.327.1800	\$ 38,711	City of Winter Springs, FL	
Petersburg	IN	Aug-11	Sep-11	Petersburg CIPP	1100' of 12" CIPP	Jon Craig	812.354.8511	\$ 109,500	City of Petersburg	Midwestern Engineering
Brownsburg	IN	Aug-11	Sep-11	Town of Brownsburg Rehabilitation	4,678' of 12" - 48" CIPP; MH Rehab	Kathy Dillion	317.852.1114	\$ 383,202	Town of Brownsburg	Sub to Reynolds Inc
Scottsboro	AL	Aug-11	Aug-11	2011 Scottsboro Alabama 8" & 10"	300' of 8"; 300' of 10" CIPP	Jim Green	256.574.1515	\$ 25,000	Scottsboro AL Water Sewer & Gas	Scottsboro AL Water Sewer & Gas
Decatur	AL	Aug-11	Sep-11	54" Process Sewer Emergency Rehab; BP Decatur	750' of 54" CIPP	Alan Crisler	256.340.5609	\$ 482,000	BP America, Inc	BP America, Inc
Amherst	VA	Aug-11	Dec-11	2011 Sanitary Sewer Infrastructure Project - Sect. B'	1492' of 8"; MH Rehab	Jack Hobbs	434.946.7885	\$ 73,026	Town of Amherst Office	WW Associates, Inc
Woodbridge	VA	Aug-11	Sep-11	Bradys Hill Road	174' of 8" CIPP	Nichole Allen	703.490.8211	\$ 15,000	A & W Contracting Coporation	
Oviedo	FL	Aug-11	Sep-11	City of Oviedo PO 110467	2404' of 18", 24", 36" CIPP	David Waller	407.971.5667	\$ 219,804	City of Oviedo	City of Oviedo, FL
Ft. Campbell	KY	Aug-11	Oct-11	WW022 Collection System Upgrades	5,568' of 8"-21" CIPP; 14,117 CCTV	Darren Wheat - Scott & Ritter	270.781.9988	\$ 562,889	Ft. Campbell, KY - Sub to Scott & Ritter	CH2M Hill: Matt Foster
Brownstown	MI	Aug-11	Dec-11	South Huron Trenton Arm Sewer Rehabilitation	8,000' of 45" CIPP	Trevor Hamilton	734.379.3855	\$ 2,689,300	United Water, Brownstown, MI	United Water: Craig Heisel
Pratt	KS	Aug-11	Aug-11	Northwest Sewer Lateral Renovation	244' of CIPP	Sandy Veverka	620.672.0766	\$ 11,045	Kansas Dept of Wildlife & Park	KS Dept of Wildlife & Park: Dennis Glas

Layne Inliner, LLC 5-year Job List

Largo	FL	Aug-11	Nov-11	43rd Street South	324' of 24" CIPP	Tom Jordan	727.524.8755	\$ 25,272	All American Concrete	
St. Petersburg	FL	Aug-11	Jun-12	Storm Year 2	3000' of CIPP	Mark Laney	727.893.7671	\$ 2,000,000	City of St. Petersburg, FL	
New Haven	CT	Aug-11	Sep-11	Old Mechanic Street CIPP Lining Rehabilitation	502' of 35"x52" CIPP	Thomas V. Sgroi	203.465.5280	\$ 326,650	Greater New Haven Water Pollution Control	Greater New Haven Water Pollution Control
Wallingford	CT	Aug-11	Jun-12	Sanitary Sewer Rehabilitation of CIPP Structure Lining	10,551' of 8"-18" CIPP	Terry Smith	203.294.2115	\$ 500,000	Town of Wallingford	Wallingford Water & Sewer District
Jeffersonville	IN	Aug-11	Aug-11	Oak Park Conservancy District	550' of 8" CIPP	David Meyer	812-283-3960	\$ 23,800	Oak Park Conservancy District	Oak Park Conservancy District
New Albany	IN	Aug-11	Aug-11	IU SE - Grant Line Road	160' of 8" CIPP	Jim Wolfe	812-941-2000	\$ 15,000	Indiana University Southeast	Indiana University Southeast
Port Wentworth	GA	Aug-11	Feb-12	Downtown Sewer Evaluation & Rehab	5700' of 6" - 24" CIPP; MH Rehab	Phillip Claxton	912.966.7429	\$ 910,390	City of Port Wentworth, GA	Port City Design Group, LLC: Pat Burke
Friendly	WV	Aug-11	Aug-11	8"-10"-30" Sewer Lining	1100' of 8"-30" CIPP	Jason Martin	304.652.8127	\$ 134,000	Momentive Performance	Friendly, WV
Wichita	KS	Aug-11	Aug-11	Washington, KS CIPP	1968' of 8" CIPP	Greg Bruggeman	316.945.8833	\$ 45,264	UMC, Wichita, KS	
Pelham	GA	Aug-11	Dec-11	2010 CDBG Phase I&I, Sewer & Stormwater Impvts.	3350' of 8" CIPP	Robert Ramsey	229.294.7900	\$ 294,795	City of Pelham, GA.	Stevenson & Palmer
Hermitage	PA	Aug-11	Aug-11	Pine Hollow Blvd. Sewer Rehab	3010' of 8"; 340' of 18" CIPP	Bill Kirila	330.448.4055	\$ 123,750	Kirila Contractors	Reynolds Inliner sub to Kirila Contr.
Mansfield	OH	Aug-11	Sep-11	Nakomis Sanitary Sewer Rehab	522' of 8", 947' of 10" CIPP	Scott Fullmer	419.683.4200	\$ 51,618	Elite Excavating Company	
Paden City	WV	Jul-11	Sep-11	6" to 15" Sewer Rehabilitation - Paden City, WV	1,146' of 6" - 15" CIPP	Todd Harrah	740.523.0235	\$ 57,218	Mike Enyart & Sons	
Albany	GA	Jul-11	Sep-11	Albany Emergency Repair Valley Road	715' of 8" CIPP; 3 6" laterals; MH Rehab	Charles Hutchison, RLS	229.883.6955	\$ 58,300	City of Albany	City of Albany; Civil Engineering Super.
Laurel	MD	Jul-11	Jul-12	Hillcrest Area, Oxon Run Basins	4470' of 8" CIPP	Dan Hamilton, Contract Manager	301.206.7339	\$ 2,093,417	Washington Suburban SC	Laurel, MD
Orlando	FL	Jul-11	Sep-11	Melbourne Shopping Center	Rehabilitate Structures	Michael Haas	407.264.0100	\$ 6,000	Landmark Contracting	
Plantation	FL	Jul-11	Aug-11	PO#9849, NW 6th Court	Cleaning of Lift Stations	Traci Kroupa	954.452.2544	\$ 120	City of Plantation, FL	
Chillicothe	OH	Jul-11	Aug-11	6" & 4" Cleaning & Lining	Clean/Lining of 8" Pipe	Francisco Ortiz	740.420.6606	\$ 13,000	PPG Industries, Inc.	Chillicothe, OH
Deltona	FL	Jul-11	Dec-11	Sewer Rehabilitation	8560' of 8" CIPP	Jeff Elder, Utility Systems Mgr.	386.878.8100	\$ 299,600	City of Deltona, FL	
Auburn	AL	Jul-11	Aug-11	Wright Street CIPP Rehabilitation	325' of 48" CIPP	Patrick Slaughter, PM	334.501.3000	\$ 109,138	City of Auburn, AL	Owner
Dedham	MA	Jul-11	Sep-11	Totten Pond - Waltham	310' of 8" CIPP	Lester Valenta, Project Admin.	781.329.1044	\$ 22,500	FED Corporation	Dedham, MA
Charlotte	NC	Jul-11	Aug-11	S. Mint Street	74' of 36" CIPP	Jeff McLoughlin, Project Admin.	704.507.6652	\$ 27,454	On-Site Development	Charlotte, NC
Owensboro	KY	Jul-11	Aug-11	Locust Tunnel CIPP	933' of 48"-68" CIPP	Dean Behnke	270.687.8450	\$ 890,450	Regional Water Resource	Owensboro, KY
Chillicothe	OH	Jul-11	Jul-12	Kingsville, Airfield Storm Drainage System Repairs	39130' of 12"-66" CIPP	Glen Williams (PM), Head Inc	614.623.5151	\$ 3,435,000	Allen Ballew, Head, Inc.	General Contractor NAVFAC, Chillicothe
Pineville	NC	Jul-11	Jul-11	Swanston Drive	138' of 18" CIPP	Kevin Johnson, Project Admin.	704.889.2855	\$ 19,872	Bullseye Construction	Pineville, NC
LaVale	MD	Jul-11	Nov-11	Braddock Run Interceptor, Phase II	13047' of 16"-24" CIPP	Thomas Reilly	814.944.5035	\$ 1,659,892	LaVale Sanitary Commission	LaVale, MD
Woodville	OH	Jul-11	Sep-11	Phase 4 Sewer Improvements	4628' of 8"-18" CIPP	Mark Reiter	419.465.2587	\$ 455,438	Underground Utilities, Inc.	Monroeville, OH
Edinboro	PA	Jul-11	Sep-11	Sewer Rehabilitation	2561' of 8" CIPP	Charles Yurisc	814.734.3640	\$ 89,852	Washington Twp. Sewer Auth.	Edinboro, PA
Johns Island	SC	Jul-11	Oct-11	2011 CIPP Rehabilitation	2859' of 15"-42" CIPP	John B. Wells, Project Admin.	843.768.0061	\$ 617,896	Seabrook Island Prop./Owner	Johns Island, SC
Ft. Wayne	IN	Jul-11	Sep-11	CIPP Package #1 - Medium Diameter	7058' of 18"-24" CIPP	Dan Smith	260.740.1582	\$ 455,341	City of Fort Wayne, IN.	
North Canton	OH	Jul-11	Jul-11	Hower & Witwer Sewer Replacement	878' of 8" CIPP	Jeff Gaul	330.837.4767	\$ 43,014	Wenger Excavating, Inc.	Dalton, OH
Houston	TX	Jul-11	Apr-12	Sanitary Sewer Rehabilitation Phase II	34125' of 8"-21" CIPP	Ross Crawford	281.350.7027	\$ 1,020,268	Harris Co. WCID #114	AEI Engineering, Houston, TX.
Watertown	CT	Jul-11	Sep-11	Watertown Easement Installation	1771' of 12" CIPP	Steve Cerruto, JR, Project Admin.	860.274.6332	\$ 94,550	Watertown Fire District	Watertown, CT.
Cincinnati	OH	Jul-11	Aug-11	Herald Avenue-Dana Avenue-Xavier University	261' of 30" CIPP	Jim Bergen	513.235.3834	\$ 27,500	Xavier University	Cincinnati, OH
Newport	NC	Jul-11	Sep-11	Cherry Point Airfield Repair	3440' of 48" CIPP	Willie Styron, VP	252.223.3171	\$ 731,000	Joyce & Assc. Construction	Newport, NC
Burlington	KS	Jul-11	Feb-12	Phase II Rehabilitation	21098' of 8" CIPP	Andrew Wright	785.272.2252	\$ 757,129	City of Burlington, KS	
Emporia	KS	Jul-11	Jul-11	12" CIPP Civic Center	100' of 12" CIPP	Ed Rathke	620.343.4295	\$ 14,800	City of Emporia, KS	
Lafayette	IN	Jul-11	Dec-11	INDOT R-32014-A Williamsport	2238' of 40"-66" CIPP	Conrad Walters	765.772.7500	\$ 847,975	Milestone Cont., Lafayette, IN.	Reynolds Inliner sub to Milestone
Sulphur Springs	IN	Jul-11	Dec-11	I-70 R-32059	1147' of 48"-84" CIPP	Kurt Cowgur	317.645.0102	\$ 669,140	Indiana Reline, Inc.	Sulphur Springs, IN.
Winfield	KS	Jul-11	Jul-11	CIPP 2010 Sewer Rehabilitation	178' of 8" CIPP	Deb Dennett	620.221.5600	\$ 10,860	City of Winfield, KS	
Miami	FL	Jul-11	Jul-12	Miami-Dade Annual Year 1	Clean/TV Large Diameter Sewers	Issac Smith, Manager	305.665.7471	\$ 2,000,000	Miami-Dade Co. Water/Sewer	Miami, FL
Worcester	ME	Jul-11	Oct-11	Hermon Street	5400' of 8"-32" CIPP	Connie, Project Administrator	508.799.1220	\$ 1,422,257	City of Worcester, ME	Weaton & Sampson, Peabody, MA
Milan	TN	Jul-11	Jul-11	Sewer Smoke Testing	SOS Smoke Testing	Don Barger, Project Manager	731.686.6525	\$ 17,500	American Ordnance, LLC	Milan, TN.

Layne Inliner, LLC 5-year Job List

Laurel	MD	Jul-11	Jul-12	Marlow Heights Area, Oxon Run Basins	5926' of 8" CIPP	Dan Hamilton, Contract Manager	301.206.7339	\$ 2,239,147	Washington Suburban SC	Laurel, MD
North Braddock	PA	Jul-11	Aug-11	Sewer System Significant Deficiency Repairs	122' of 10"; 140' of 18" CIPP	Bob Zischau	412.824.5672	\$ 33,000	North Braddock Borough, PA	Glen Engineering
Miami	FL	Jun-11	Jun-11	Delant Const. Miami Int'l Airport	146' of 24" CIPP	Walter Delgado	305.592.2223	\$ 21,900	Delant Construction	Miami, FL
Orlando	FL	Jun-11	Jun-12	Orange County Y9-1063 Year 2 of 3	Various Size CIPP/Clean/TV	Patty Hobbs	407.836.5635	\$ 1,291,354	Orange County, FL	
Forest Hills	PA	Jun-11	Dec-11	Sewer Deficiency Repairs	5001' of 8"-48" CIPP - 36 Spot Liners	Bob Zischkau	412.613.4787	\$ 375,324	Forest Hills Borough	Glen Engineering
Margate	FL	Jun-11	Aug-11	PO#111310 various locations	3370' of 8"-12" CIPP	Reddy Chitepu, P.E.	954.561.0942	\$ 129,179	City of Margate, FL	
Tarpon Springs	FL	Jun-11	Jun-12	Sewer & Stormwater Rehabilitation	Storm & Sewer Lining - MH to MH	Steven Weyer	727.938.3711	\$ 115,173	City of Tarpon Springs, FL	
Kissimmee	FL	Jun-11	Nov-11	Sewer Rehabilitation	780' of 24"-36" CIPP	Jeff Maltern, Supt. Stormwater	407.518.2510	\$ 97,128	City of Kissimmee, FL	
Coconut Creek	FL	Jun-11	Jul-11	Sewer Rehabilitation	336' of 12"-15" CIPP	John Lukaszewicz	954.973.6730	\$ 28,840	City of Coconut Creek, FL	
Cincinnati	OH	Jun-11	Jul-11	Messer Construction-Dana Avenue - Xavier University	177' of 30" CIPP	Bob Inkrot	513.351.5974	\$ 39,535	Xavier University-Messer	Cincinnati, OH
Archbold	OH	Jun-11	Jul-11	Brush Creek Sanitary Sewer Lining	2250' of 8"-10" CIPP	Dexter Krueger	419.446.2109	\$ 67,275	Village of Archbold, OH	
New Port Richey	FL	Jun-11	Jun-12	2011 Sewer Rehabilitation	6130' of 8" CIPP	Dominick Bellezza, Utilities Mgr.	727.841.4546	\$ 200,000	City of New Port Richey, FL	
Orleans	IN	Jun-11	Aug-11	Western Refinery Yorktown, VA.	Raven 405 Coatings	Denise McClanahan, VP	812.865.3232	\$ 145,530	Reynolds Inliner, LLC	Orleans, IN
Sugar Land	TX	Jun-11	Apr-12	East/West SS Interceptor Rehab. Phase II	8210' of 18"-42" CIPP	Pete Polito, Project Manager	713.622.9264	\$ 2,206,869	City of Sugar Land, TX	Claunch/Miller, Houston, TX
Tell City	IN	Jun-11	Sep-11	Emergency Repairs	90' of 54" CIPP	Jenny Richter, City Clerk	812.547.2349	\$ 91,600	City of Tell City, IN.	
Houston	TX	Jun-11	Aug-11	MUD# 208 - Southdown Village	1429' of 18"-27" CIPP	Bruce Baumel	713.267.2851	\$ 105,556	Harris Co. MUD #208	AECOM, Houston, TX
Columbus	OH	Jun-11	Jul-11	Parsons/Livingston Improvements	2116' of 24"-36" CIPP	Jon Gehle	614.451.2242	\$ 313,770	Nickolas & Savko & Sons	Columbus, OH
Orleans	IN	Jun-11	Jun-11	Riverview Farms	TV/Clean	Doug Johnson	812.865.3636	\$ 2,320	Riverview Farms, Orleans, IN	
Germantown	TN	Jun-11	Aug-11	CIPP Pipeline Rehabilitation	7618' of 8"-15" CIPP	Lisa Piefer, Purchasing Officer	901.757.7350	\$ 278,632	City of Germantown, TN	Owner
Slippery Rock	PA	Jun-11	Jul-11	2011 Relining Project	1710' of 8" CIPP	Dan Dow	724.779.4777	\$ 77,960	Slippery Rock Municipal Auth.	Slippery Rock, PA
Zanesville	OH	Jun-11	Jun-11	Canal St. & 4th Street Storm	150' of 30" CIPP	Casey Hazen	740.452.1880	\$ 45,050	Zemba Brothers, Inc.	Zanesville, OH
Owensboro	KY	Jun-11	Sep-11	Bid #2794 Downing Drive	1253' of 10"-15" CIPP	Shawn O'Brien	270.687.8041	\$ 44,497	City of Owensboro, KY	Owner
Cincinnati	OH	Jun-11	Jun-11	Pinehurst CIPP Phase II	456' of 8" CIPP	David Werrmann	513.861.2619	\$ 29,000	Dallman & Bohl	Cincinnati, OH
New Albany	IN	Jun-11	Sep-11	Indiana DOT I-64	1050' of 12"-48" CIPP	Vicki Kelly, Project Admin.	812.941.6787	\$ 186,840	Mac Construction	Reynolds sub to Mac Const.
Colorado Springs	CO	Jun-11	Jun-11	Sylvan Way 2011	56' of 10" CIPP	Dennis Brock	719.550.1008	\$ 13,875	Wildcat Construction	Colorado Springs, CO
Clermont	FL	Jun-11	Jul-11	Mobile Home Park	4702' of 6-8" CIPP	Cheryl Boyer, Manager	352.394.5111	\$ 7,500	Emerald Lakes Assc.	Clermont, FL
Colorado Springs	CO	Jun-11	Jun-11	TO201011363 Abbott Lane	Bypass Set up	Tara McGowen	719.668.8362	\$ 8,950	Colorado Springs Utility	Colorado Springs, CO
Aurora	CO	Jun-11	Jun-12	2011 CIPP Rehabilitation	204541' of 8"-18" CIPP	Ron Degenhart	303.739.7000	\$ 4,999,500	Aurora Water, Aurora, CO	
Marysville	KS	Jun-11	Jun-11	2011 CIPP Rehabilitation	3232' of 8" CIPP	Debbie Price	785.562.5331	\$ 70,948	City of Marysville, KS	
Cary	NC	Jun-11	Jun-11	Sewer Rehabilitation	1085' of 8"-12" CIPP	Lynn Britz	919.460.1047	\$ 40,363	Town of Cary, NC	
Camp Hill	PA	Jun-11	Jul-11	Lower Paxton Replacement	2600' of 8" CIPP	Kayli Devlin	717.761.8461	\$ 84,500	Liberty Excavators, Inc.	Camp Hill, PA
Cincinnati	OH	Jun-11	Jun-11	Cincinnati-Beechmont 15" Area Rehab.	1490' of 15" CIPP	Bryan Mechanical	513.352.4941	\$ 56,700	MSD of Greater Cincinnati, OH	
Castle Rock	CO	Jun-11	Jun-11	2010 Wastewater Repair/Replace, Project 2	240' of 30" CIPP	Tim Lowell	303.688.2330	\$ 33,240	T. Lowell Construction	Castle Rock, CO
Scottsville	TX	Jun-11	Aug-11	WCID No. 114 Phase I Sewer Rehabilitation	14600' of 8"-15" CIPP	Kerry Coker, Pres.-Coker Pipeline	318.458.9615	\$ 300,000	Coker Pipeline	Scottsville, TX
Sand Springs	OK	Jun-11	Jun-11	2011 CIPP Rehabilitation	420' of 10"	John Winzenburg	918.246.2586	\$ 14,700	Sand Spring, CO	
Lakewood	CO	Jun-11	Jun-11	2011 Sewer Main CIPP	1209' of 8"	Richard Cassens	303.670.1406	\$ 31,007	Holly Hills Water/Sewer	Lakewood, CO
Paoli	IN	Jun-11	Jun-11	College Hill Apartments Water/Sewer-Paoli, IN.	147' of 8" CIPP	Mark Jones - Town of Paoli	812.723.2739	\$ 6,800	Trademark Utility Systems	Orleans, in
Pinellas Park	FL	Jun-11	Jan-12	Sunset Palms Community - Old Section	7984' of 6-8" CIPP	Rich Thomas	727.577.0287	\$ 472,834	Sunset Palms Community	Pinellas Park, F
Cape Coral	FL	Jun-11	Jun-12	Sewer Rehabilitation	7565' of 15-36" CIPP	Ron Luekie	239.574.0811	\$ 540,200	City of Cape Coral, FL	
Clinton	IN	Jun-11	Aug-11	Sewer Rehabilitation	439' of 15" CIPP	Eli Lilly - Corporate Office	317.276.2000	\$ 27,218	Eli Lilly & Co.	Clinton, IN.
Charlotte	NC	Jun-11	Jul-11	Bishops Ridge	253' of 8" CIPP	Connie Cusick	301.420.7197	\$ 25,021	Cusick Community Mangement	Charlotte, NC
Charlotte	NC	Jun-11	Jul-11	3808 Litchfield Dr	115' of 54" CIPP	Connie - Proj. Admin	704.507.6652	\$ 48,300	Onsite Development	Charlotte, NC

ORIGIN ID: SFBA (407) 472-0014
 TOMMY ROBERTSON
 LAYNE INLINER, LLC
 2531 JEWETT LANE

SANFORD, FL 32771
 UNITED STATES US

SHIP DATE: 01DEC16
 ACTWGT: 3.00 LB
 CAD: 103137480/INET3790

BILL SENDER

TO FOURTH FLOOR, RECEPTION AREA
 CLAY COUNTY ADMIN. BLDG.
 477 HOUSTON STREET

GREEN COVE SPRINGS FL 32043

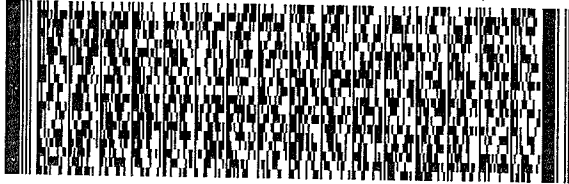
(904) 278-3761

REF:

INV:

PO:

DEPT:



FedEx
Express



J16201616123148

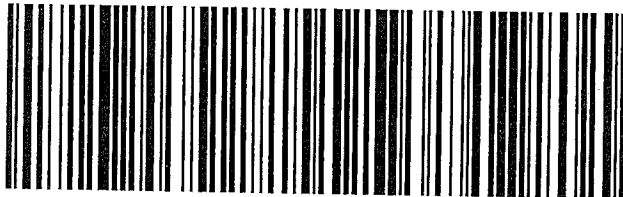
TRK#
0201

7778 4146 4806

FRI - 02 DEC 4:30P
 STANDARD OVERNIGHT

XH CRGA

32043
 FL-US JAX



EX
or
S
OSS

RECEIVED
 PURCHASING DIVISION

2016 DEC -2 A 10: 01

CLAY COUNTY BOARD OF
 COMMISSIONERS

Clay County Purchasing Division
 477 Houston Street
 PO Box 1366
 Green Cove Springs, FL 32043

Receipt for Bid #: 16/17-3

Company Name: _____

Layne Inliner LLC

After printing this label:

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	57.00	11,400.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	3.00	600.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	65.00	19,500.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	3.00	900.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	95.00	19,000.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	3.00	600.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	125.00	18,750.00
8	30" CIPP Thickness Variance 1.5 mm	150	LF	4.00	600.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	160.00	24,000.00
10	36" CIPP Thickness Variance 1.5 mm	150	LF	5.00	750.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	210.00	21,000.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	5.00	500.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	250.00	25,000.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	5.00	500.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	350.00	35,000.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	5.00	500.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	425.00	21,250.00
18	60" CIPP Thickness Variance 1.5 mm	50	LF	6.00	300.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	750.00	37,500.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	10.00	500.00
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				238,150.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: Two Hundred Thirty Eight Thousand One Hundred FIFTY DOLLARS AND ZERO CENTS

COMPANY NAME: IPR Southeast LLC

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: IPR Southeast LLC

ADDRESS: 5207 Brer Rabbit Rd.

Stone Mountain, GA 30083

TELEPHONE: 404-969-3073

FAX #: 404-969-3074

E-MAIL: esimpson@teamipr.com

Name of Person submitting Bid: Patrick Maginn

Title: General Manager

Signature: 

Date: 12/02/2016

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion Form

- (1) The prospective Vendor, IPR Southeast LLC, certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal Department or Agency.
- (2) Where the Vendor is unable to certify to the above statement, the prospective Vendor shall attach an explanation to this form.

Vendor:

IPR Southeast LLC

By: 

Signature

Patrick Maginn, General Manager

Name and Title

5207 Brer Rabbit Rd.

Street Address

Stone Mountain, GA 30083

City, State, Zip

12/01/2016

Date

Scrutinized Companies Certification
[Clay County Bid #16/17-3, Cured-In-Place Pipe Services]

Name of Company:¹ IPR Southeast LLC

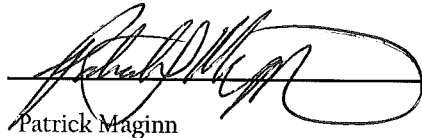
In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.

(Seal)

Insert Name of Company:

IPR Southeast LLC

By:


Patrick Maginn

Its General Manager

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.



Clay County Administration Building
 4th Floor, Reception Area
 477 Houston Street
 Green Cove Springs, FL 32043

December 2, 2016

RE: Bid #16/17-3, Cured-In-Place Service - Contractor Qualifications

IPR Southeast LLC is pleased to submit a list of five (5) CIPP installation projects successfully completed in the last five (5) years. Three of the five listed projects shall include pipe diameters of 36" or larger.

Project/Description	Owner	Contract Amount	Date
<u>CIPP Storm Project – 2016</u> CIPP lining of 361 LF of 18", 200 LF of 24", and 567 LF of 30".	City of Suwanee, GA 3330 Town Center Avenue Suwanee, GA 30024 Bill Barnes, 770-904-3378	\$184,000	<u>Completion</u> 5/2016
<u>CIPP Storm Project – 2016</u> CIPP lining of 845 LF of 18", 728 LF of 24" and 982 LF of 30" diameter pipe.	City of Alpharetta, GA 1790 Hembree Rd. Alpharetta, GA 30009 David Boston, 678-297-6000	\$279,388.00	<u>Completion</u> 6/2016
<u>Annual Storm Water CIPP Rehab Program</u> Four year renewable contract of the County's CIPP storm water system. Approx. 128,000 LF 15" – 24" – 90,000 LF 30" – 48" – 30,000 LF 54" -96" – 8,000 LF	Gwinnett Co. Stormwater Mgt. Div. 684 Winder Highway Lawrenceville, GA 30045 Don Gravitt , Construction Manager 678-376-6700	\$6,500,000.00 Annually	<u>Completion</u> 6/2014
<u>Piggly Wiggly CIPP</u> CIPP lining of 180 LF of 36" diameter pipe, 60 LF of 42" diameter pipe, and 200 LF of 48" diameter pipe.	Edens Joe Edens III, Owner LAD Corporation 214 Martin Neese Rd. Swansea, SC 29160 Brad Stutts, Engineer 803-739-4483	\$185,660.00	<u>Completed</u> 02/2014
<u>Walterboro, SC McDonald's CIPP</u> CIPP lining of 115 LF of 72" CMP.	Davies General 2421 East Lake Rd. McDonough, GA 30252 Hiram Davis, Owner 678-432-6853	\$107,380.00	<u>Completed</u> 11/2013

**Request for Taxpayer
Identification Number and Certification**

**Give Form to the
requester. Do not
send to the IRS.**

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Inland Pipe Rehabilitation Holding Company LLC

2 Business name/disregarded entity name, if different from above
IPR Southeast LLC

3 Check appropriate box for federal tax classification; check only **one** of the following seven boxes:
☐ Individual/sole proprietor or single-member LLC
☐ C Corporation
☐ S Corporation
☐ Partnership
☐ Trust/estate
☒ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ **P**
Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.
☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
Exempt payee code (if any) _____
Exemption from FATCA reporting code (if any) _____
(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.)
2002 Timberloch Place, Suite 550

6 City, state, and ZIP code
The Woodlands, TX 77380

7 List account number(s) here (optional)

8 Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number								
				-				

or

Employer identification number								
2	6		-	8	6	3	0	4
								5
								0

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here Signature of U.S. person ▶ *[Signature]* Date ▶ *6/9/16*

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1088 (home mortgage interest), 1088-E (student loan interest), 1088-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/01/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Alliant Insurance Services Houston, LLC 5444 Westheimer, Suite 900 Houston, TX 77056	CONTACT NAME: Amber Breaux		
	PHONE (A/C, No, Ext): 713-470-4123	FAX (A/C, No): 713-470-4124	
	E-MAIL ADDRESS: abreaux@alliant.com		
INSURED IPR Southeast, LLC 5207 Brer Rabbit Stone Mountain, GA 30083	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Greenwich Insurance Company		22322
	INSURER B: XL Specialty Insurance Company		37885
	INSURER C:		
	INSURER D:		
	INSURER E:		
INSURER F:			

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY			CGD740922003	04/01/2016	04/01/2017	EACH OCCURRENCE	\$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person)	\$ 10,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS-COMP/OP AGG	\$ 2,000,000
								\$
								\$
B	AUTOMOBILE LIABILITY			CAD740922103	04/01/2016	04/01/2017	COMBINED SINGLE LIMIT (Ea accident)	\$ 2,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident)	\$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident)	\$
								\$
								\$
	UMBRELLA LIAB	<input type="checkbox"/> OCCUR					EACH OCCURRENCE	\$
	EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE	\$
	<input type="checkbox"/> DED	<input type="checkbox"/> RETENTION \$						\$
								\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	<input type="checkbox"/> Y/N	N/A	CWD740921903	04/01/2016	04/01/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	<input checked="" type="checkbox"/> N					E.L. EACH ACCIDENT	\$ 1,000,000
	(Mandatory in NH)						E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
OTHER							EACH LOSS	\$
							AGGREGATE	\$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Re: Bid No. 16/17-3, Cured-In-Place Pipe Services. Clay County, a political subdivision of the State of Florida, the Board of County Commissioners, Clay County, FL; and all public agencies of Clay County as their interests may appear. The General Liability policy includes a blanket Additional Insured endorsement that provides Additional Insured status to certain persons and organizations when required by written contract and subject to the terms and conditions of the endorsement. The General Liability, Auto Liability, and Workers Compensation policies includes an endorsement providing that 30 days' notice of cancellation will be furnished to the certificate holder, however 10 days if canceled for non-payment.

CERTIFICATE HOLDER**CANCELLATION**

Board of County Commissioners, Clay County, FL
477 Houston Street
Green Cove Springs, FL 32043

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
Any Person Or Organization That You Are Required In A Written Contract Or Written Agreement To Include As An Additional Insured Provided The "Bodily Injury" Or "Property Damage" Occurs Subsequent To The Execution Of The Written Contract Or Written Agreement	Various As Required Per Written Contract
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

- C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable Limits of Insurance shown in the Declarations;
whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
ANY PERSON OR ORGANIZATION THAT YOU ARE REQUIRED IN A WRITTEN CONTRACT OR WRITTEN AGREEMENT TO INCLUDE AS AN ADDITIONAL INSURED PROVIDED THE "BODILY INJURY" OR "PROPERTY DAMAGE" OCCURS SUBSEQUENT TO THE EXECUTION OF THE WRITTEN CONTRACT OR WRITTEN AGREEMENT.	VARIOUS AS REQUIRED PER WRITTEN CONTRACT.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

SIMPSON, ERIC
IPR SOUTHEAST LLC
5207 BRER RABBIT RD
STONE MOUNTAIN GA 30083

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

CUC1225229 ISSUED: 06/22/2016

CERT UNDERGROUND & EXCAV CNTR
SIMPSON, ERIC
IPR SOUTHEAST LLC

IS CERTIFIED under the provisions of Ch.489 FS.
Expiration date : AUG 31, 2018 L1606220001203

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER	
CUC1225229	

The UNDERGROUND UTILITY & EXCAVATION CO
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018

SIMPSON, ERIC
IPR SOUTHEAST LLC
5207 BRER RABBIT RD
STONE MOUNTAIN GA 30083



ISSUED: 06/22/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1606220001203



RESOLUTION OF CORPORATE AUTHORITY

I, Robert McCrae, Chief Operating Officer and Assistant Secretary of IPR Southeast LLC, a Delaware LLC (the Company) DO HEREBY provide that Patrick Maginn, IPR Southeast LLC General Manager, is authorized to execute or guarantee and commit the Company to the conditions, obligations, stipulations and undertakings contained in the proposal documents and that all necessary corporate approvals have been obtained in relationship thereto.

IN WITNESS THEROF, I have set my hand this 5th day of January, 2016.

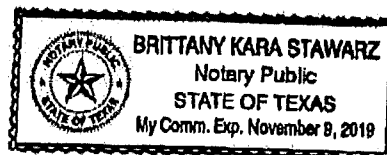

Chief Operating Officer/Assistant Secretary

Subscribed and sworn before me, this 5th
day of January, 2016, a Notary Public
in and for Montgomery County,
State of Texas


(Signature)

NOTARY PUBLIC

My Commission expires November 8, 2019



Pak

there
open

t-sealed

up and

cert

ipping

document.

ose flap

id press

seal.

remove

acking.

there

to package.

RECEIVED
PURCHASING DIVISION

2016 DEC -5 A 10: 38

CLAY COUNTY BOARD OF
COMMISSIONERS

D
1-20-16
1366

Clay County Purchasing Division
477 Houston Street
PO Box 1366
Green Cove Springs, FL 32043

Receipt for Bid #: 16/17-3

Company Name: IPR SE



BID ENCLOSED

Express

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$ 70.00	\$ 14,000.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	\$ 3.00	\$ 600.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$ 89.00	\$ 26,700.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	\$ 4.00	\$ 1,200.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$ 108.00	\$ 21,600.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	\$ 5.00	\$ 1,000.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$ 139.00	\$ 20,850.00
8	30" CIPP Thickness Variance 1.5 mm	150	LF	\$ 7.00	\$ 1,050.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$ 174.00	\$ 26,100.00
10	36" CIPP Thickness Variance 1.5 mm	150	LF	\$ 8.00	\$ 1,200.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$ 214.00	\$ 21,400.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	\$ 8.00	\$ 800.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$ 238.00	\$ 23,800.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	\$ 10.00	\$ 1,000.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$ 349.00	\$ 34,900.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	\$ 15.00	\$ 1,500.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$ 482.00	\$ 24,100.00
18	60" CIPP Thickness Variance 1.5 mm	50	LF	\$ 25.00	\$ 1,250.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$ 724.00	\$ 36,200.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	\$ 40.00	\$ 2,000.00
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				\$ 261,250.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: Two Hundred Sixty One Thousand Two Hundred Fifty Dollars and Zero Cents

COMPANY NAME: VacVision Environmental, LLC

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: VacVision Environmental, LLC

ADDRESS: 10200 US Hwy 92 East

Tampa, FL 33610

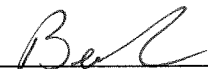
TELEPHONE: (813) 626-0700

FAX #: (813) 626-0777

E-MAIL: wkingery@vac-vision.com

Name of Person submitting Bid: Benjamin Roese

Title: Managing Member

Signature: 

Date: 12/02/2016

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. N/A Date: N/A Acknowledged by: None

Addendum No. Date: Acknowledged by:

Addendum No. Date: Acknowledged by:

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion Form

- (1) The prospective Vendor, VacVision Environmental, LLC, certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal Department or Agency.
- (2) Where the Vendor is unable to certify to the above statement, the prospective Vendor shall attach an explanation to this form.

Vendor:

VacVision Environmental, LLC

By: 

Signature

Benjamin Roese - Managing Member

Name and Title

10200 US Hwy 92 East

Street Address

Tampa, FL 33610

City, State, Zip

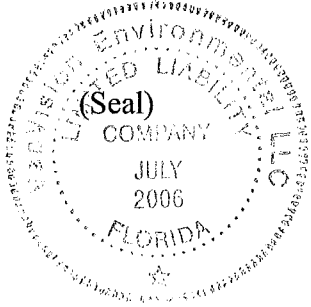
12/02/2016

Date

Scrutinized Companies Certification
[Clay County Bid #16/17-3, Cured-In-Place Pipe Services]

Name of Company:¹ VacVision Environmental, LLC

In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.



Insert Name of Company:

VacVision Environmental, LLC

By: Benjamin Roesse

Benjamin Roesse

Its Managing Member

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/01/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Bouchard Insurance, Inc. 101 N Starcrest Dr. Clearwater, FL 33765 727 447-6481		CONTACT NAME: PHONE (A/C, No, Ext): 727 447-6481 FAX (A/C, No): 727 449-1267 E-MAIL ADDRESS: clcerts@bouchardinsurance.com	
		INSURER(S) AFFORDING COVERAGE	
		INSURER A : Westfield Insurance Company	
		INSURER B : St Paul Fire & Marine Ins Co	
		INSURER C : Amerisure Mutual Insurance Comp	
		INSURER D : Colony Insurance Co.	
		INSURER E :	
		INSURER F :	

COVERAGES		CERTIFICATE NUMBER:		REVISION NUMBER:			
<p>THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.</p>							
INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	Y	Y	CMM4710548	07/10/2016	07/10/2017	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	Y	Y	CMM4710548	07/10/2016	07/10/2017	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$5000	Y		ZUP81M6211816NF	07/10/2016	07/10/2017	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	Y	WC21020280002	07/10/2016	07/10/2017	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
A	Leased/Rented	Y	Y	CMM4710548	07/10/2016	07/10/2017	\$150,000
D	Pollution	Y	Y	CSP305739	08/10/2016	08/10/2017	\$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

IPA

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. VacVision Environmental, LLC	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ S Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶	
	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>	
	5 Address (number, street, and apt. or suite no.) 10200 US Hwy 92 East	Requester's name and address (optional)
	6 City, state, and ZIP code Tampa, FL 33610	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.


Social security number								
			-			-		
or								
Employer identification number								
2	0		-	5	0	0	7	2 0 0

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ▶ 	Date ▶ 12/2/16
-----------	--	----------------

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**CONSTRUCTION INDUSTRY LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783**

(850) 487-1395

**ROESE, BENJAMIN THOMAS
VACVISION ENVIRONMENTAL LLC
2103 S. OCCIDENT STREET
TAMPA FL 33629**

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION**

CUC057159

ISSUED: 07/20/2016

**CERT UNDERGROUND & EXCAV CNTR
ROESE, BENJAMIN THOMAS
VACVISION ENVIRONMENTAL LLC**

**IS CERTIFIED under the provisions of Ch.489 FS.
Expiration date : AUG 31, 2018 L1607200001418**

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

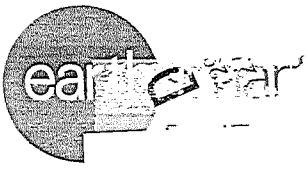
**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD**

LICENSE NUMBER	
CUC057159	

**The UNDERGROUND UTILITY & EXCAVATION CO
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018**

**ROESE, BENJAMIN THOMAS
VACVISION ENVIRONMENTAL LLC
10200 U S 92 EAST
TAMPA FL 33610**





RECEIVED
PURCHASING DIVISION

2016 DEC -5 A 10:38

CLAY COUNTY BOARD OF
COMMISSIONERS

Clay County Purchasing Division
477 Houston Street
PO Box 1366
Green Cove Springs, FL 32043

Receipt for Bid #: 16/17-3
Company Name: Vacvision Environmental

CLAY CC
BID NO. 1
IN-PLACE
December!
BID ENC

00 US Hwy
Tampa, FL
626-0700 -
c-vision.com

To reuse, cover or mark through any previous shipping information

ORIGIN ID: MCFA (813) 626-0700
SHEILA HILSON
VACVISION ENVIRONMENTAL, LLC.
10200 US HWY 92 E

TAMPA, FL 33610
UNITED STATES US

SHIP DATE: 02DEC16
ACTWGT: 0.50 LB
CAD: 104248469/INET3790

BILL SENDER

TO 4TH FLOOR, RECEPTION - DONNA FISH
CLAY COUNTY ADMINISTRATIVE BUILDING
477 HOUSTON ST

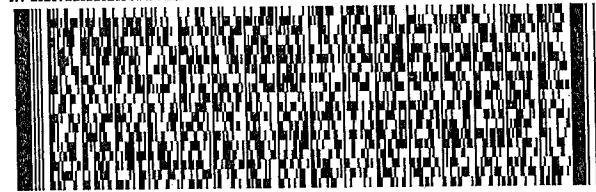
GREEN COVE SPRINGS FL 32043

(904) 278-3761

REF:

INV:

DEPT:



FedEx
Express



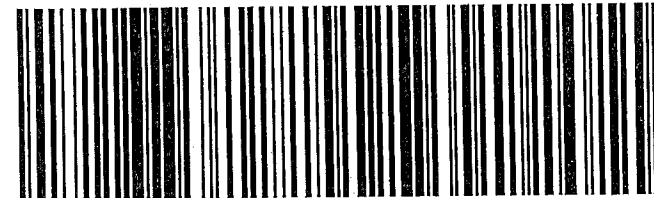
J162016101221ur

MON - 05 DEC 12:00P
PRIORITY OVERNIGHT

TRK# 7778 5429 1296
0201

XH CRGA

32043
FL-US JAX



Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$ 60.00	\$ 12,000.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	\$ 10.00	\$ 2,000.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$ 80.00	\$ 24,000.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	\$ 10.00	\$ 3,000.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$ 120.00	\$ 24,000.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	\$ 10.00	\$ 2,000.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$ 150.00	\$ 22,500.00
8	30" CIPP Thickness Variance 1.5 mm	150	LF	\$ 11.00	\$ 1,650.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$ 225.00	\$ 33,750.00
10	36" CIPP Thickness Variance 1.5 mm	150	LF	\$ 12.00	\$ 1,800.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$ 275.00	\$ 27,500.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	\$ 13.00	\$ 1,300.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$ 325.00	\$ 32,500.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	\$ 14.00	\$ 1,400.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$ 375.00	\$ 37,500.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	\$ 20.00	\$ 2,000.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$ 425.00	\$ 21,250.00
18	60" CIPP Thickness Variance 1.5 mm	50	LF	\$ 20.00	\$ 1,000.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$ 625.00	\$ 31,250.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	\$ 20.00	\$ 1,000.00
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				\$ 283,400.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: Two Hundred Eighty Three Thousand Four Hundred Dollars

COMPANY NAME: Evans Contracting Services, Inc.

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: Evans Contracting Services, Inc.

ADDRESS: 320 Foxtail Ave Middleburg, FL 32068

TELEPHONE: 904-282-0155

FAX #: 904-282-0158

E-MAIL: crystal_ecs@att.net

Name of Person submitting Bid: Nora M. Evans

Title: Vice President

Signature: 

Date: 12/2/2016

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____


Addendum No. _____ Date: _____ Acknowledged by: _____

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion Form

- (1) The prospective Vendor, Evans Contracting Services, Inc., certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal Department or Agency.
- (2) Where the Vendor is unable to certify to the above statement, the prospective Vendor shall attach an explanation to this form.

Vendor:

Evans Contracting Services, Inc.

By: 
Signature

Nora M. Evans Vice President
Name and Title

320 Foxtail Ave.
Street Address

Middleburg, FL 32068
City, State, Zip

12/2/2016
Date

Scrutinized Companies Certification
[Clay County Bid #16/17-3, Cured-In-Place Pipe Services]

Name of Company:¹ Evans Contracting Services, Inc.

In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.

Insert Name of Company:

Evans Contracting Services, Inc.

(Seal)

By: Nora M. Evans
Nora M. Evans V.P.

Its _____

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Florida Profit Corporation

EVANS CONTRACTING SERVICES, INC.

Filing Information

Document Number	P99000058803
FEI/EIN Number	59-3586613
Date Filed	06/28/1999
Effective Date	06/24/1999
State	FL
Status	ACTIVE
Last Event	AMENDMENT
Event Date Filed	11/14/2016
Event Effective Date	NONE

Principal Address

320 FOXTAIL AVENUE
MIDDLEBURG, FL 32068

Changed: 02/01/2007

Mailing Address

320 FOXTAIL AVENUE
MIDDLEBURG, FL 32068

Changed: 02/01/2007

Registered Agent Name & Address

EVANS, NORA MVICE PR
320 FOXTAIL AVENUE
MIDDLEBURG, FL 32068

Name Changed: 02/23/2010

Address Changed: 04/22/2016

Officer/Director Detail

Name & Address

Title P

EVANS, JAMES C
9180 MAX-MIDDLEBURG RD

BALDWIN, FL 32234

Title VP

EVANS, NORA M
9180 MAX-MIDDLEBURG RD
BALDWIN, FL 32234

Annual Reports

Report Year	Filed Date
2015	02/24/2015
2016	03/01/2016
2016	10/30/2016

Document Images

11/14/2016 -- Amendment	View image in PDF format
10/30/2016 -- AMENDED ANNUAL REPORT	View image in PDF format
04/22/2016 -- Reg. Agent Change	View image in PDF format
03/01/2016 -- ANNUAL REPORT	View image in PDF format
05/15/2015 -- Reg. Agent Change	View image in PDF format
02/24/2015 -- ANNUAL REPORT	View image in PDF format
01/13/2014 -- ANNUAL REPORT	View image in PDF format
01/28/2013 -- ANNUAL REPORT	View image in PDF format
01/18/2012 -- ANNUAL REPORT	View image in PDF format
02/23/2011 -- ANNUAL REPORT	View image in PDF format
02/23/2010 -- ANNUAL REPORT	View image in PDF format
02/19/2009 -- ANNUAL REPORT	View image in PDF format
02/26/2008 -- ANNUAL REPORT	View image in PDF format
02/25/2008 -- Name Change	View image in PDF format
02/01/2007 -- ANNUAL REPORT	View image in PDF format
05/04/2006 -- ANNUAL REPORT	View image in PDF format
03/23/2005 -- ANNUAL REPORT	View image in PDF format
02/26/2004 -- ANNUAL REPORT	View image in PDF format
06/26/2003 -- ANNUAL REPORT	View image in PDF format
06/26/2003 -- Name Change	View image in PDF format
04/11/2002 -- ANNUAL REPORT	View image in PDF format
04/25/2001 -- ANNUAL REPORT	View image in PDF format
05/11/2000 -- ANNUAL REPORT	View image in PDF format
06/28/1999 -- Domestic Profit	View image in PDF format



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JIM BOXOLD
SECRETARY

April 28, 2016

EVANS CONTRACTING SERVICES, INC.
320 FOXTAIL AVENUE
MIDDLEBURG, FLORIDA 32068

RE: CERTIFICATE OF QUALIFICATION

Dear Sir/Madam:

The Department of Transportation has qualified your company for the type of work indicated below. Unless your company is notified otherwise, this Certificate of Qualification will expire 6/30/2017. However, the new application is due 4/30/2017.

In accordance with S.337.14 (1) F.S. your next application must be filed within (4) months of the ending date of the applicant's audited annual financial statements.

If your company's maximum capacity has been revised, you can access it by logging into the Contractor Prequalification Application System via the following link:
<https://www3.dot.state.fl.us/ContractorPreQualification/>

Once logged in, select "View" for the most recently approved application, and then click the "Manage" and "Application Summary" tabs.

FDOT APPROVED WORK CLASSES:

DEBRIS REMOVAL (EMERGENCY), DRAINAGE, GRADING, GRASSING, SEEDING AND SODDING, SIDEWALK

You may apply for a Revised Certificate of Qualification at any time prior to the expiration date of this certificate according to Section 14-22.0041(3), Florida Administrative Code (F.A.C.), by accessing your most recently approved application as shown above and choosing "Update" instead of "View." If certification in additional classes of work is desired, documentation is needed to show that your company has done such work with your own forces and equipment or that experience was gained with another contractor and that you have the necessary equipment for each additional class of work requested.

All prequalified contractors are required by Section 14-22.006(3), F.A.C., to certify their work underway monthly in order to adjust maximum bidding capacity to available bidding capacity. You can find the link to this report at the website shown above.

Sincerely,

Alan D Autry

Alan Autry, Manager
Contracts Administration Office

Digitally signed by Alan D Autry
DN: c=US, o=IdemTrust ACES Business Representative,
ou=FLORIDA DEPARTMENT OF TRANSPORTATION, cn=Alan D
Autry,
0.9.2342.19200300.100.1.1=A01097C0000014DE2873918000047
76
Date: 2016.04.29 10:43:22 -0400

AA:cj



CERTIFICATE OF LIABILITY INSURANCE

 DATE (MM/DD/YYYY)
 7/1/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Commercial Lines - (813) 639-3000 Wells Fargo Insurance Services USA, Inc. 2502 N. Rocky Point Drive, Suite 400 Tampa, FL 33607	CONTACT NAME: Certificate Request PHONE (A/C, No, Ext): 813-639-3000 FAX (A/C, No): 855-299-7117 E-MAIL ADDRESS: clw.certrequest@wellsfargo.com														
INSURED AlphaStaff Group Inc Labor Contractor for leased workers to: Evans Contracting Services Inc. # 102327 800 Corporate Drive Suite 600 Fort Lauderdale FL 33334	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> <tr> <td>INSURER A: Wesco Insurance Company</td> <td>25011</td> </tr> <tr> <td>INSURER B: Technology Insurance Company</td> <td>42376</td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Wesco Insurance Company	25011	INSURER B: Technology Insurance Company	42376	INSURER C:		INSURER D:		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A: Wesco Insurance Company	25011														
INSURER B: Technology Insurance Company	42376														
INSURER C:															
INSURER D:															
INSURER E:															
INSURER F:															

COVERAGES **CERTIFICATE NUMBER:** 10655814 **REVISION NUMBER:** See below

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N		WWC3216295(FL)	07/01/2016	07/01/2017	X PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B		N/A		TWC3565185 (AOS)	07/01/2016	07/01/2017	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Coverage is extended to the leased employees of alternate employer in all states except in monopolistic states (ND, OH, WA, WY) and other states (AK, HI):

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Evans Contracting Services, Inc.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶ _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
	5 Address (number, street, and apt. or suite no.) 320 Foxtail Ave.	Requester's name and address (optional)
	6 City, state, and ZIP code Middleburg, FL 32068	
7 List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number								
			-				-	

or

Employer identification number								
5	9	-	3	5	8	6	6	1 3

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ▶ 	Date ▶ 11/29/2014
-----------	--	-------------------

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

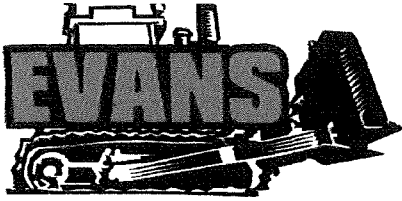
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



Evans Contracting Services, Inc.

320 Foxtail Ave. Middleburg, FL 32068

904 282 0155 office; 904 282 0158 fax

jetree1@bellsouth.net

Complete Contracts

Contract #

E1N32-R0: \$470,221.42 5-1-2014 to 5-1-2015

E1N32-R1: \$ 276,000.00 5-2-2015 to 5-1-2016

0-60" CIPP Lining, Cleaning, Desilting, Video Inspection, Clean & Seal Manholes, & Pipe Joints in DeSoto, Manatee, Sarasota, Hardee Counties

FDOT District 1

1190 West Oak St.

Arcadia, FL 34265

Bobby Carroll -1-863-993-4634

2014-11: Dade City 6-24-2014 to 9-8-2014

\$91,372.60

This was a "piggy-back" job for E1N32-R0

0-60" CIPP Lining, Storm Sewer Video Inspection, Desilting

E1N34-R0: \$ 381,850.00 4-2-2014 to 4-2-2015

E1N34-R1: \$ 381,850.00 4-2-2015 to 4-1-2016

E1N34-R2: \$ 381,850.00 4-2-2016 to Current

0-61" CIPP Lining, Sealing, Desilting, Video Inspection, Clean & Seal Existing Pipe in Polk County

FDOT District 1

1190 West Oak St.

Arcadia, FL 34265

Grayson O'Cain- 863-519-4109

E1N36 \$1,877,202.50 11-13-2014 to 4-26-2015

0-61" CIPP Lining, Drainage Repair

FDOT District 1
801 N. Broadway Ave.
Bartow, FL 33830
Ben Clayton- 863-519-4115

E1N63-R0: \$ 691,900.00 6-12-2014 to 6-11-2015

E1N63-R1: \$ 691,900.00 6-12-2015 to 6-11-2016

E1N63-R2: \$ 691,900.00 6-12-2016 to Current

0-48" CIPP Lining, Video Inspection, Clean & Repair Pipe, Clean & Seal Existing Pipe Joints in Lee County

FDOT District 1
2981 NE Pine Island Rd.
Cape Coral, FL 33909
Tom Pegus-239-985-7871

E1O14: \$ 254,364.00 2-16-2015 to 2-15-2016

0-61" CIPP Lining, Cleaning & Video Inspection, Clean & Seal Pipe Joints

FDOT District 1
801 N. Broadway Ave.
Bartow, FL 33830
Bobby Carroll-863-491-1822

E1O11-R0: \$ 41,890.00 1-12-2015 to 11-11-2016

0-48" CIPP Lining, Clean, Desilting, & Video Inspection, Clean & Seal Existing Pipe Joint in Hendry & Glades Counties

FDOT District 1
880 West Cowboy Way
LaBelle, FL 33935
Steve McCormick-863-519-2209

E1F45-R0: FDOT District 1 7-22-2006 to 7-21-2007
Highlands/Okeechobee
\$714,270.00

E1F45-R1: Renewal of above 7-23-2007 to 7-22-2008
\$590,220.00

E1F45-R2: Renewal of above 7-23-2008 to 7-22-2009
\$289,950.00

E1F45-R3: Renewal of above 7-23-2009 to 7-22-2010
\$289,950.00

CIPP Lining, Desilting & Sealing

FDOT District 1
801 N. Broadway Ave.
Bartow, FL 33830
863-519-2212

E1F53-R0: FDOT District 1 7-31-2006 to 8-1-2007
Polk County
\$264,150.00

E1F53-R1: Renewal of above 8-11-2007 to 8-10-2008
\$264,150.00

E1F53-R2: Renewal of above 8-25-2008 to 8-24-2009
\$264,150.00

CIPP Lining, Video Inspection, Desilting, Joint Sealing, Surface realignment,

FDOT District 1
801 N. Broadway Ave.
Bartow, FL 33830
863-519-2212

E2S35: \$ 1,237,864.50 2-1-2014 to 7-4-2014
49-60" CIPP Lining, Repair existing drainage pipe in Duval County

FDOT District 2
838 Ellis Rd. South
Jacksonville, FL 32205
Jennifer Rhoden- Office- 1-904-360-5234

<u>E2S63-R0:</u>	\$ 344,234.00	4-14-2014 to 4-13-2015
<u>E2S63-R1:</u>	\$ 344,234.00	4-14-2015 to 4-13-2016
<u>E2S63-R2:</u>	\$ 344,234.00	6-2-2016 to Current

0-61" CIPP Lining, Drainage System Repair, Video Inspection, Clean / Desilt in Alachua County

FDOT District 2
5301 NE 39th Ave.
Gainesville, FL 32609
Chris Wood- Office 1-352-381-4322

<u>EST72:</u>	\$283,835.00	4-17-2015 to 9-22-2015
----------------------	--------------	------------------------

0-48" CIPP Lining, Replace Inlet & Pipe, Pressure Grout in Volusia County

FDOT District 5
133 Semoran Blvd.
Orlando, FL 32807
Frank Kelch-Office 1-352-326-7716

<u>EST40:</u>	\$930,614.00	11-3-2014 to 5-5-2015
----------------------	--------------	-----------------------

0-36" CIPP Lining, Desilting, & Video Inspection in Orange and Seminole Counties

FDOT District 5
133 Semoran Blvd.
Orlando, FL 32807
Gerges Ishak- Office 1-407-249-4279

<u>E5J56-R0:</u>	FDOT District 5 Orange/Osceola \$650,000.00	4-16-2007 to 4-15-2008
<u>E5J56-R1:</u>	Renewal of above \$873,008.00	4-16-2008 to 4-15-2009
<u>E5J56-R2:</u>	Renewal of above \$650,000.00	4-16-2009 to 4-15-2010
<u>E5J56-R3:</u>	Renewal of above \$673,331.00	4-16-2010 to 4-15-2011

CIPP Lining, Video Inspection, Desilting Pipe, Inlets & Culverts

FDOT District 5 Contact Info:
719 S. Woodland Blvd.
DeLand, FL 32720
386-943-5525

RECEIVED
PURCHASING DIVISION

2016 DEC -5 P 2:13

CLAY COUNTY BOARD OF
COMMISSIONERS

Clay County Purchasing Division
477 Houston Street
PO Box 1366
Green Cove Springs, FL 32043

Receipt for Bid #: 16/17-3

Company Name: _____

Evans Contracting Services

NO: 16/17-3

d-IN-Place Pipe Service

ate- 12/5/16 @ 4pm

Date- 12/6/16 @ 1pm

Evans Contracting Services, Inc.
320 Foxtail Ave
Middleburg, FL 32068

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	75.00	15,000.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	2.50	500.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	92.00	27,600.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	3.75	1,125.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	122.00	24,400.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	5.00	1,000.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	175.00	26,250.00
8	30" CIPP Thickness Variance 1.5 mm	150	LF	6.00	900.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	220.00	33,000.00
10	36" CIPP Thickness Variance 1.5 mm	150	LF	7.50	1,125.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	275.00	27,500.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	9.25	925.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	365.00	36,500.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	10.75	1,075.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	410.00	41,000.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	12.50	1,250.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	550.00	27,500.00
18	60" CIPP Thickness Variance 1.5 mm	50	LF	15.00	750.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	750.00	37,500.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	17.50	875.00
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				305,775.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: Three Hundred+five thousand, seven hundred+seventy five
 COMPANY NAME: American Infrastructure Technologies Corporation.

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: American Infrastructure Technologies Corporation

ADDRESS: 8799 US Hwy 31
Hanceville, AL 35077

TELEPHONE: (256) 739-4747

FAX #: (256) 737-1871

E-MAIL: AITC@AITECHCORP.COM

Name of Person submitting Bid: Jared Giddens

Title: Vice-President

Signature: 

Date: 12/2/14

ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Proposal**AMERICAN INFRASTRUCTURE TECHNOLOGIES CORP.****Job Code: Clay County FL 12052016****Description: CIPP 12052016**

Proposal						
Line No.	Pay Item No.	Description Subtotal Description	Quantity	Unit of Measure	Unit Price	Total Price
1	1	Furnish & Install 15" CIPP Lining (7.5mm)	200.00	LF	75.00	15,000.00
2	2	15" CIPP Thickness Variance 1.5 mm	200.00	LF	2.50	500.00
3	3	Furnish & Install 18" CIPP Lining (9 mm)	300.00	LF	92.00	27,600.00
4	4	18" CIPP Thickness Variance 1.5 mm	300.00	LF	3.75	1,125.00
5	5	Furnish & Install 24" CIPP Lining (10.5mm)	200.00	LF	122.00	24,400.00
6	6	24" CIPP Thickness Variance 1.5 mm	200.00	LF	5.00	1,000.00
7	7	Furnish & Install 30" CIPP Lining (12mm)	150.00	LF	175.00	26,250.00
8	8	30" CIPP Thickness Variance 1.5 mm	150.00	LF	6.00	900.00
9	9	Furnish & Install 36" CIPP Lining (15mm)	150.00	LF	220.00	33,000.00
10	10	36" CIPP Thickness Variance 1.5 mm	150.00	LF	7.50	1,125.00
11	11	Furnish & Install 42" CIPP Lining (16.5mm)	100.00	LF	275.00	27,500.00
12	12	42" CIPP Thickness Variance 1.5 mm	100.00	LF	9.25	925.00
13	13	Furnish & Install 48" CIPP Lining (19.5mm)	100.00	LF	365.00	36,500.00
14	14	48" CIPP Thickness Variance 1.5 mm	100.00	LF	10.75	1,075.00
15	15	Furnish & Install 54" CIPP Lining (27mm)	100.00	LF	410.00	41,000.00
16	16	54" CIPP Thickness Variance 1.5 mm	100.00	LF	12.50	1,250.00
17	17	Furnish & Install 60" CIPP Lining (28.5mm)	50.00	LF	550.00	27,500.00
18	18	60" CIPP Thickness Variance 1.5 mm	50.00	LF	15.00	750.00
19	19	Furnish & Install 72" CIPP Lining (33mm)	50.00	LF	750.00	37,500.00
20	20	72" CIPP Thickness Variance 1.5 mm	50.00	LF	17.50	875.00
					Subtotal:	305,775.00
					Running Total:	305,775.00
GRAND TOTAL:						305,775.00

Proposal Certification

**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion Form**

- (1) The prospective Vendor, American Infrastructure Technologies Corp. certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal Department or Agency.
- (2) Where the Vendor is unable to certify to the above statement, the prospective Vendor shall attach an explanation to this form.

Vendor:

American Infrastructure Technologies Corporation

By: 

Signature

Jared Giddens, Vice-President

Name and Title

8799 US Hwy 31

Street Address

Hanceville, AL 35077

City, State, Zip

12/2/16

Date

Scrutinized Companies Certification
[Clay County Bid #16/17-3, Cured-In-Place Pipe Services]

Name of Company:¹ American Infrastructure Technologies Corporation

In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.

(Seal)

Insert Name of Company:

American Infrastructure Technologies Corporation
8799 US Hwy 31
Hanceville, AL 35077

By:

[Signature]
Jared Giddens
Its Vice-President

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.

N/A

"NO BID" STATEMENT
BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

If your company does not intend to bid on this procurement, please complete and return this form prior to the date shown for receipt of Bids to: Clay County Purchasing Division, Attn: Donna Fish, 477 Houston Street, Green Cove Springs, FL 32043

We, the undersigned, decline to bid on the above referenced invitation to bid for the following reasons:

- ☐ Specifications are too restrictive (please explain below or attach separately)
- ☐ Unable to meet specifications
- ☐ Specifications were unclear (please explain below or attach separately)
- ☐ Insufficient time to respond
- ☐ We do not offer this product or service
- ☐ Our schedule would not permit us to perform at this time
- ☐ Unable to meet bond requirements
- ☐ Other (please explain below or attach separately)

Remarks:

Company Name: _____ Telephone #: _____

Signature: _____ Fax #: _____

Print Name: _____ Title: _____

Address: _____

City: _____

Zip: _____



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

BIXLER, TIMOTHY RICHARD
AMERICAN INFRASTRUCTURE TECHNOLOGIES CORPORATION
13896 SALSURY CREEK DRIVE
CARMEL IN 46032

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

CUC1224556

ISSUED: 06/13/2016

CERT UNDERGROUND & EXCAV CNTR
BIXLER, TIMOTHY RICHARD
AMERICAN INFRASTRUCTURE TECHNOLOGI

IS CERTIFIED under the provisions of Ch.489 FS.
Expiration date : AUG 31, 2018 L1606130000903

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

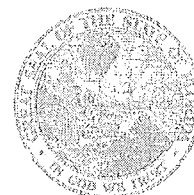
STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER

CUC1224556

The UNDERGROUND UTILITY & EXCAVATION CO
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018

BIXLER, TIMOTHY RICHARD
AMERICAN INFRASTRUCTURE TECHNOLOGIES CORPORATION
13896 SALSURY CREEK DRIVE
CARMEL IN 46032



ISSUED: 06/13/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1606130000903



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/30/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER S.S. Nesbitt & Co., Inc. 3500 Blue Lake Drive, Ste. 120 Birmingham AL 35243		CONTACT NAME: Teresa Coats PHONE (A/C, No, Ext): (205) 262-2700 FAX (A/C, No): (205) 262-2701 E-MAIL ADDRESS: tcoats@ssnesbitt.com	
INSURED American Infrastructure Technologies Corporation 8799 Highway 31 Hanceville AL 35077		INSURER(S) AFFORDING COVERAGE INSURER A Liberty Mutual Fire Insurance 23035 INSURER B Atlantic Specialty Company 27154 INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 2016-2017

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		TB229146620116	7/31/2016	7/31/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/OP AGG \$ 2,000,000
	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS		AS2291466201016	7/31/2016	7/31/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Medical payments \$ 5,000
	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		TH7291466201056	7/31/2016	7/31/2017	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input type="checkbox"/> N/A		WC2291466201056	7/31/2016	7/31/2017	PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Equipment Floater		790020171000	7/31/2016	7/31/2017	Bklt Leased & Rented Equipment \$250,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

This is a sample certificate for informational purposes only. If you would like an original certificate please email your request to Jan Wright at janw@palomarins.com and include your certificate holder information

CERTIFICATE HOLDER**CANCELLATION**

Sample Certificate

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Teresa Coats/KLM

© 1988-2014 ACORD CORPORATION. All rights reserved.

American Infrastructure Technologies Corporation

Cured-In-Place Rehabilitation Experience Through 7/31/2015

<u>Description</u>	<u>Year</u>	<u>Owner/Location</u>	<u>Contract Amount</u>	<u>To Date Footage</u>	<u>Dia</u>	<u>Engineer</u>
City of Savannah, GA 08.154.06.24 5-YR. Annual Project	2012-2015 Annual	City of Savannah, GA 230 Argonic Road Savannah, GA 31406 Mr. Bill Steinhauser (912)351-3834	\$8,750,000.00	56,974.70 2,680.70 5,098.10 551.00 147.30 1,115.00 2557.00	8 10 12 15 18 24 36	City of Savannah, GA 230 Argonic Road Savannah, GA 31406 Mr. Bill Steinhauser (912)351-3834
Sewer Rehabilitation Project - FY 2013	11/30/2014 Completed	City of Panama City Beach 110 South Arnold Road Panama City Beach, FL 32413 Ms. Kelly Jenkins (850)233-5100	\$604,000.00	9,706.10 892.10 2,391.00	8 10 21	City of Panama City Beach 110 South Arnold Road Panama City Beach, FL 32413 Ms. Kelly Jenkins (850)233-5100
Sewer Main Rehab Phase IV City of Ocala, FL Annual Project	2012-2015 Completed	City of Ocala, FL 405 S.E. Osceola Avenue Ocala, FL 34478-1270 Mr. Ed Earnest (352)629-8521	\$953,000.00	1,054.40 39,756.00 195.60 429.70	6 8 10 12	City of Ocala, FL Water & Sewer Engineer 2100 N.E. 30th Ave. Bldg. H Ocala, FL 34478 Mr. Ed Earnest (352)351-6772
Henry County Water and Sewerage Authority Contract 2009-0331 Sanitary Sewer Rehabilitation	Jan 2010 Completed	Henry County Water and Sewerage Authority 100 Westridge Industrial Blvd. McDonough, GA 30253 Mr. Pat Hembry (678)583-3811	\$639,171.00	952.00 8,505.00 2,814.00 1,785.00 0.00 355.00	6 8 10 12 15 36	Henry County Water and Sewerage Authority 100 Westridge Industrial Blvd. McDonough, GA 30253 Mr. Pat Hembry (678)583-3811
Roberts Road and Sewell Road Culvert Repairs Newman, Georgia	4/30/2008 Completed	City of Newman, Georgia 25 LaGrange Street Newman, GA 30263 (770) 253-2682	\$297,100.00	64.00 110.00	60 96	Keck & Wood, Inc. 2425 Commerce Avenue Building 2100 Suite 300 Duluth, GA 30096 Mr. Rick Gurney (678) 417-4000

QUOTATION FOR
 ONE-YEAR COUNTYWIDE CONTRACT FOR REHABILITATION OF
 SANITARY SEWERS BY THE CURED-IN-PLACE PIPE LINING METHOD
 FOR CD PMCM PROJECTS (FY2017)
 RPQ P0193

FLORIDA TRENCH SAFETY ACT

Bidder acknowledges that included in the various items of the Quotation and in the Total Bid Price are costs for complying with the Florida Trench Safety Act (90-96, Laws of Florida) effective October 1, 1990. The bidder further identifies the costs to be summarized below:

	Trench Safety Measure (Description)	Units of Measure (LF, SY)	Unit (Quantity)	Unit Cost	Extended Cost
A.	<u>N/A</u>	<u>NO EXCAVATION</u>			
B.					
C.					
D.					
				TOTAL \$	<u> </u>

COPY



*American Infrastructure Technologies
Corporation*

*Still implement the highest standards
of the construction industry*

AMERICAN INFRASTRUCTURE TECHNOLOGIES CORPORATION

8799 U.S. HWY. 31

HANCEVILLE, AL 35077

Ph: 256-739-4747

Fax: 256-737-1871

atc@altechcorp.com

INCORPORATED 2/01/05

STATE OF FLORIDA

TABLE OF CONTENTS

Insurance Coverage

Resumes

Bidder Qualifications

References:

Experience

Bank

Equipment List

Company Profile

Guarantee Forms

Product and Installer Submittals

- **Applied Felts Specifications**
- **Interplastics Corporation (Resin Specifications)**
- **C.I.P.P. Design Considerations**
- **C.I.P.P. Pipe Specifications**
- **Installation Process**
- **Steam Cure Process**



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

BIXLER, TIMOTHY RICHARD
AMERICAN INFRASTRUCTURE TECHNOLOGIES CORPORATION
13896 SALSBURY CREEK DRIVE
CARMEL IN 46032

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

CUC1224556 ISSUED: 06/13/2016

CERT UNDERGROUND & EXCAV CNTR
BIXLER, TIMOTHY RICHARD
AMERICAN INFRASTRUCTURE TECHNOLOGI

IS CERTIFIED under the provisions of Ch.489 FS.
Expiration date : AUG 31, 2018 L1606130000903

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER	
CUC1224556	

The UNDERGROUND UTILITY & EXCAVATION CO
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018



BIXLER, TIMOTHY RICHARD
AMERICAN INFRASTRUCTURE TECHNOLOGIES CORPORATION
13896 SALSBURY CREEK DRIVE
CARMEL IN 46032



ISSUED: 06/13/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1606130000903



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitec@aitechcorp.com

Website: www.aitechcorp.com

INSURANCE COVERAGE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/30/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER S.S. Nesbitt & Co., Inc. 3500 Blue Lake Drive, Ste. 120 Birmingham AL 35243		CONTACT NAME: Teresa Coats PHONE (A/C, No, Ext): (205) 262-2700 FAX (A/C, No): (205) 262-2701 E-MAIL ADDRESS: tcoats@ssnesbitt.com															
INSURED American Infrastructure Technologies Corporation 8799 Highway 31 Hanceville AL 35077		<table border="1"><thead><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr></thead><tbody><tr><td>INSURER A Liberty Mutual Fire Insurance</td><td>23035</td></tr><tr><td>INSURER B Atlantic Specialty Company</td><td>27154</td></tr><tr><td>INSURER C:</td><td></td></tr><tr><td>INSURER D:</td><td></td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></tbody></table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A Liberty Mutual Fire Insurance	23035	INSURER B Atlantic Specialty Company	27154	INSURER C:		INSURER D:		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #																
INSURER A Liberty Mutual Fire Insurance	23035																
INSURER B Atlantic Specialty Company	27154																
INSURER C:																	
INSURER D:																	
INSURER E:																	
INSURER F:																	

COVERAGES

CERTIFICATE NUMBER: 2016-2017

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDITIONAL SUBROGATION	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		TB2Z9146620116	7/31/2016	7/31/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS		AS2Z91466201016	7/31/2016	7/31/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Medical payments \$ 5,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		TH7Z91466201056	7/31/2016	7/31/2017	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A	WC2Z91466201056	7/31/2016	7/31/2017	PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Equipment Floater		790020171000	7/31/2016	7/31/2017	Bike Leased & Rented \$250,000 Equipment

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

This is a sample certificate for informational purposes only. If you would like an original certificate please email your request to Jan Wright at janw@palomarins.com and include your certificate holder information

CERTIFICATE HOLDER

CANCELLATION

Sample Certificate	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE Teresa Coats/KLM

© 1988-2014 ACORD CORPORATION. All rights reserved.



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitec@aitechcorp.com

Website: www.aitechcorp.com

RESUMES

Kenneth Giddens
2911 Carlisle Road
Birmingham, AL 35213
256-739-4747
SS #423-62-4266

Objective: To establish a sewer lining company in the southeastern United States.

Experience: **American Infrastructure Tech. Corp., Hanceville, AL** 2005 – Present
President

- Manage day to day operations for sewer rehabilitation firm.
- 2007 annual sales were \$6 million.

S&D Excavating, Inc., Cullman, AL 1984 – 1997
Owner

- Increased sales from \$500 thousand to \$10 million.
- Purchased 50% partner in 1997.
- Closed company in 1997 to pursue sewer lining.

SIS Inc., Cullman, AL 1994 – 1999
Owner

- Expanded sales from \$250,000 to \$7 million.
- Sold company in October 1999 and worked with the purchaser until October 2000.
- Installed 300,000 LF.

CIPP Corp., Hudson, IA 1994 – Present
Principle

- Developer of cured in place pipe marketed as CIPP Liner.
- Annual sales of \$6 million dollars in materials.
- Eight licensed installers.
- Third largest in the United States.
- 2000 – 2005 active in day to day operations including training and development of licensed installers. Assisted with development of new equipment and products as a principle of CIPP Corp.

Education: **Bryant University, Lincoln, RI** 1972 - 1977
Business Management and Finance

Interests: Golf, church mission and travel.

Timothy R. Bixler
3752 Trewithen Lane
Carmel, IN 46032
SS #313-86-5761

**Professional
Experience:**

- 12/05 - Current **AMERICAN INFRASTRUCTURE TECHNOLOGIES, Hanceville, AL**
Owner/Vice President
Responsibilities include overseeing business and operations management of entire company. Other responsibilities include project management, bidding/estimating, and subcontractor overseeing.
- 2001 - 12/05 **MILLER PIPELINE CORPORATION, Indianapolis, IN**
Manager of Construction Services
Responsibilities for operations management of Miller Pipeline Corporation's many products including Cured-In-Place Pipe, Pipe bursting, EX PVC liners, WEKO Seals, manhole rehabilitation, line cleaning services, televising services, point repairs or full replacement, service reinstatement and reconnections.
- 1998 - 2001 **BOLDEN PIPE CONSTRUCTION COMPANY, INC., Nashville, TN**
Business Group Manager
Responsible for business and operations management of \$5.0 million sewer system rehabilitation group, including Cured-In-Place Pipe Lining system manufacturing and installation, service lateral reinstatement/rehabilitation, manhole rehabilitation, point repairs, cleaning and televising.
- 1997 - 1998 **W. L. HAILEY AND COMPANY, INC., Nashville, TN**
Division Manager/Project Manager
Responsible for supervision of self-performing crews and subcontractors, safety and quality control, project planning and scheduling, cost analysis, and preparation of monthly pay estimates, record documents, and shop drawings. Sewer system rehabilitation projects included Cured-In-Place Pipe Lining, Deform/Reform Pipe Lining, manhole rehabilitation, service lateral reinstatement/rehabilitation, cleaning and televising, and point repairs.
- 1991 - 1997 **GREAT LAKES DREDGE & DOCK COMPANY, Oak Brook, IL**
Engineering/Operations
Responsible for monitoring and evaluating performance maximize production, developing and maintaining quality control programs, coordinating and supervising subcontractors for performance and compliance, project planning and scheduling, field surveying, estimating and bidding, and monthly pay estimate documentation. Projects included major projects in Bilbao, Spain and in Copenhagen, Denmark, as well as domestic projects along the Atlantic, Pacific, Gulf Coasts and the Great Lakes.

Education:

Purdue University, West Lafayette, Indiana
BS - Construction Management, 1991 Minor - Economics

780-996-8787

POST OFFICE BOX 949 ALABASTER, ALABAMA 35007
205-329-5370 • ANDREHAN2010@HOTMAIL.COM

RAMON HANSON

OBJECTIVE

I am seeking employment with a respectable company for a long-term career. One that I can share my experiences with as well as gain insight from your company. I believe in doing what ever it takes to get the job done, and I am willing to go the extra mile to see that it happens.

SUMMARY OF QUALIFICATIONS

I began my career in the CIP industry in 1993 with Reynolds Inliner. Since that time I have become well versed in all facets of the cured-in-place pipe (CIPP) rehabilitation. My experience includes CIPP inversion installation per ASTM 1216 and Pull in installation per ASTM 1743, pipeline cleaning and preparation, closed circuit television inspection, traffic control implementation, bypass pumping, lateral reinstatement with robotic and manual cutters and equipment maintenance. I have exceedingly installed CIPP in diameters up to 48- inch and have directly overseen installation of more than 300,000 feet of Inliner product.

As well as all my duties toward the Lining Department, I also performed service line point repairs, mainline point repairs, new manholes and manhole replacements.

For five years as Inliner Superintendent, I was responsible for the overall installation of the (CIPP) division and the manhole rehabilitation sector in Birmingham, Alabama including managing / supervising several running jobs. I maintained 3 manhole spray crews, 4 prep crews and 5 lining crews. I was responsible for the division handling all of the Jefferson County Sewer Rehabilitation Contracts: Turkey Creek II, 10 West, Village Creek West End I and II- 26 East, Jefferson County Annual Contract I and II, 2 East, Cahaba 4, Cahaba 6 and other various Jefferson County Contracts.

I was also responsible for all new hire training and instructing new and younger crewmembers on the task required to complete a wide variety of rehabilitation measures.

RAMON HANSON

WORK OF EXPERIENCE

October 2011 - Present DFI Corporation Edmonton, Alberta, Canada
Superintendent

- The CIPP Division of DFI has been in operation for 2 years without turning any profit due to lack of field experience. I was hired and given one year to make any and all necessary changes to turn this company around. For the first three months, I serviced multiple incomplete jobs and made all repairs/ correction. I chose to fire/ rehire the employees and train/ retrain them to meet company expectations from their field teams in a timely, cost effective yet safely manner. As of January 31 the company is currently receiving the profit that I assured DFI was capable of producing and five months ahead of schedule. I am confident that with the proper training and skills I have given them they are ready to complete their future projects successfully. I have been given the opportunity to continue working for DFI but it was understood from the beginning that after I completed our agreement that I would return to the USA.

March 2011 - October 2011 Richards & Sons Construction Bessemer, AL
Supervisor/ Foreman

- Overall responsibilities for complete daily activities, which include: water, sewer, storm and grading. Responsible for my crew. Reporting their daily work performed and turning in payroll and equipment used on jobsite.

June 2010 - February 2011 Insituform Technologies Bessemer, AL
Superintendent

- Overall responsibilities for maintaining and scheduling daily activities.

January 2007 - May 2010 Richards & Sons Construction Bessemer, AL
Supervisor/ Foreman

- Overall responsibilities for complete daily activities, which include: water, sewer, storm and grading.
- Responsible for my crew. Reporting their daily work performed and turning in payroll and equipment used on jobsite.

June 1993 - July 2006 Reynolds Inc. Orleans, IN
Supervisor / Foreman / Superintendent

- Overall responsible for complete daily and weekly activities. Production and scheduling of local and out of town crews in Birmingham, AL.

RAMON HANSON

CONTINUED WORK OF EXPERIENCE

January 1991 - April 1993 Multi-Temps Mobile, AL
Carpenter / Laborer

- Assist carpenters in daily activities.

August 1988 - January 1991 Mobile Carbonics Mobile, AL
Serviceman / Helper / Delivery

- Perform service work on fountain equipment in restaurants. All work was subcontracted through Coca Cola USA.

EDUCATION

General Education Diploma

PROFESSIONAL AFFILIATES / CONTINUING EDUCATION

Confined Space Entry Training
40 Hour OSHA Health and Safety Training
CPR Training Course
Competent Person Training
First Aid Training Course
PAC Certification # 4-206-2829
MSHA 8 Hour Update Training

DRIVERS LICENSE

Type: Commercial Class A
Endorsements: Tank

REFERENCES

Wendell Hunt	(205) 601-1293	Superintendent
Lenn Nail	(205) 613-1474	General Superintendent
Ken Thompson	(205) 902-9385	Operations Manager
Mikah Williams	(678) 735-0033	Operations Manager
Philip Skinner	(205) 821-6824	Jefferson County
Dennis Coghlan	(281) 728-2266	Superintendent
Doug Booth	(306) 537-1949	City Inspector for Regina, CA



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitc@aitechcorp.com

Website: www.aitechcorp.com

BIDDER QUALIFICATIONS

Bidder Qualification

American Infrastructure Technologies Corporation has been providing our customers with experience and an admirable list of core capabilities and customer solutions. American Infrastructure Technologies Corporation is a Florida Corporation with administrative headquarters in Hanceville, AL, and has additional jobsites and field offices throughout the Southeast.

As a recognized leader in the industry we attribute much of our success and longevity to the quality of work we provide to our customers and the professional and stable leadership at all levels within the company. The values and principals, on which the company was originally founded, remain today as the cornerstone of our commitment to quality and value-added service. It is in this way our Company stays on the leading edge and achieve maximum efficiencies to provide greater value.

At American Infrastructure Technologies Corporation we are committed to outstanding performance as well as exceeding client expectations. The core capabilities of American Infrastructure Technologies Corporation include:

Storm and Sewer Wastewater

- Cured-In-Place Pipe mainline as well as laterals
- Pipe Bursting mainline and laterals
- Excavation including full line replacement, laterals and point repairs
- CCTV and Cleaning with assessment
- Manhole Rehabilitation utilizing grout, cementitious products, poly urea or epoxy
- Internal and external joint sealing utilizing grout or nitrile rubber with stainless steel bands

Water

- Cured-In-Place Pipe NSP Approved
- Excavation including full line replacement, laterals and repairs
- Internal joint sealing utilizing nitrile rubber with stainless steel bands



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aite@aitechcorp.com

Website: www.aitechcorp.com

REFERENCES:

- **EXPERIENCE**
- **BANK**

Current Contracts

Description	Owner/Location	Contract Date	Contract Amount	Date of Completion	YTD Completed Amount	Subcontractor Amount
Sewer System Rehabilitation Phase I	City of Cochran	6/1/2016	1,697,750.00	2/1/2016	55,521.55	n/a
Cowan Riverside Drive Rehab Area 3	City of Nashville	10/26/2015	5,130,815	11/8/2016	2,890,334.95	3,150,000
Sewer & Manhole Rehab	City of Mt. Pleasant	4/20/2016	5,365,355	3/19/2017	2,091,750.51	2,100,000
Sanitary Sewer Rehab	City of Northport, FL	1/8/15 (3yr annual)	100,000		no work started yet	n/a
	Coweta County, GA					
	Savannah, GA					
	Cleveland, TN					

American Infrastructure Technologies Corporation

Cured-In-Place Rehabilitation Experience Through 12/31/2014

<u>Description</u>	<u>Year</u>	<u>Owner/Location</u>	<u>Contract Amount</u>	<u>To Date Footage</u>	<u>Dia</u>	<u>Engineer</u>
2013 Cleveland Rehabilitation Contract	2015 In Progress	Cleveland Utilities 2450 Guthrie Ave NW Cleveland, TN 37311 Mr Greg Clark (423)478-9377	\$4,817,100.00	16,237.50	8 10 12 15 18	Cleveland Utilities 2450 Guthrie Ave NW Cleveland, TN 37311 Mr Greg Clark (423)478-9377
Greenville TN Sewer Rehab 2014	2015 In Progress	Greenville Water Commission P.O. Box 368 Greenville, TN 37743-0368 Mr Eric Fry (423)638-3148	\$776,460.00	2,891.80 684.90 0.00 978.70	8 10 12 15 18	Greenville Water Commission P.O. Box 368 Greenville, TN 37743-0368 Mr Eric Fry (423)638-3148
Springfield, TN	2014 Completed	City of Springfield 405 North Main Street Springfield, TN 37172	\$1,298,575.00	4,395.00 8,071.00	8 18	Gresham, Smith and Partners 1400 Nashville City Center Nashville, TN 37219 Mr. Michael Burgett (615)770-8448
Valdosta, GA Sewer Rehab	2014 Completed	City of Valdosta 1016 Myrtle Street Valdosta, GA 31603 Mr. David Frost (229)259-3592	\$113,767.00	2,541.80	8	City of Valdosta 1016 Myrtle Street Valdosta, GA 31603 Mr. David Frost (229)259-3592
2014 CDBG Sewer System Improvements	Completed 11/1/2014	Town of Chatham 27 Cochran Avenue Chatham, AL 36518	\$337,100.00	7,963.60	6 8 10 12	Constantine Engineering 2414 Airport Road West Ft Payne, AL 35968 Mr. Jim Smith (256) 997-9199
City of Cochran	2014 Completed	City of Cochran P.O. Box 8 Cochran, GA 31014	\$103,136.00	2,114.00	8	G. Ben Turnipseed Engineers 2255 Cumberland PKWY. Bld. 400 Atlanta, GA 30339 Mr. Chris Poje (770)333-0700
Town of Alapaha, GA	2014 Completed	Town of Alapaha, GA P.O. 385 Alapaha, GA 31622	\$427,130.00	7,028.00	8	G. Ben Turnipseed Engineers 2255 Cumberland PKWY. Bld. 400 Atlanta, GA 30339 Mr. Chris Poje (770)333-0700
Sewer Rehabilitation Project - FY 2013	11/30/2014 Completed	City of Panama City Beach 110 South Arnold Road Panama City Beach, FL 32413 Ms. Kelly Jenkins (850)233-5100	\$604,000.00	9,706.10 892.10 2,391.00	8 10 21	City of Panama City Beach 110 South Arnold Road Panama City Beach, FL 32413 Ms. Kelly Jenkins (850)233-5100

Cured-In-Place Rehabilitation Experience Through 12/31/2014

<u>Description</u>	<u>Year</u>	<u>Owner/Location</u>	<u>Contract Amount</u>	<u>To Date Footage</u>	<u>Dia</u>	<u>Engineer</u>
Dolhan, AL Contract 3 - Sewer Rehabilitation on St Andrews	2014 Completed	City of Dolhan, AL 126 North St. Andrews Street Dolhan, AL 36303	\$527,100.00	2,300.00 3,900.00 60.00	6 8 12	Polyengineering, Inc. 1935 Headland Avenue Dolhan, AL 36303 Mr. Glenn Stephens (334)793-4700
North Carrollton, MS	2014 Completed	Town of North Carrollton, MS 114 East Main Street North Carrollton, MS 38947	\$300,998.10	6,604.00 370.00	8 10	Willis Engineering, Inc. 135 South Mound Street Grenada, MS 38902 Mr. Mike Carver (662)809-4482
Sewer Rehabilitation Project 2012 CDBG I&I Sewer Improvements	2013 Completed	City of Baconton, GA 333 East Walton Street Baconton, GA 31716	\$431,351.50	11,825.00	8	Stephenson & Palmer Engineering, Inc. 1501 Highway 19 South Leesburg, GA 31763 Mr. Robert Ramsdell (229)883-0332
Sewer Rehabilitation Project	2013 Completed	City of St. Cloud, FL 1300 9th Street St. Cloud, FL 34769 Mr. Rick Mauro (407) 957-7212	\$195,000.00	5,803.70	8	City of St. Cloud, FL 1300 9th Street St. Cloud, FL 34769 Mr. Rick Mauro (407) 957-7212
Sevier County Project No. FRA-FOOT 15A32 AJTC is Subcontractor	5/1/2013 Completed	Charles Blalock & Sons P.O. Box 4750 Sevierville, TN 37864-4750 (865)453-2808	\$175,700.90	439.00 949.00 644.00	18 24 30	Federal Highway Admin.
Waste Water System Improvements Sewer Rehabilitation Project - WWTP PH I	6/1/2013 Completed	City of Morristown P.O. Box 1499 Morristown, TN 37816	\$567,100.00	500.00	8	Lamar Dunn & Associates, Inc. 3305 Maloney Road Knoxville, TN 37920 Mr. Greg Jones (865) 573-7672
Sewer Main Rehab Phase IV City of Ocala, FL Annual Project	2012-2013 In Process	City of Ocala, FL 405 S.E. Osceola Avenue Ocala, FL 34478-1270 Mr. Ed Earnest (352)629-8521	\$953,000.00	644.10 32,328.70 34.90 429.70	6 8 10 12	City of Ocala, FL Water & Sewer Engineer 2100 N.E. 30th Ave. Bldg. H Ocala, FL 34478 Mr. Ed Earnest (352)351-6772
Waste Water System Improvements Sewer Rehabilitation Project - Spring Creek PH I	Completed 5/1/2013	City of Morristown P.O. Box 1499 Morristown, TN 37816	\$2,949,100.00	6,772.00 20,533.00 1,406.00	6 8 10 12	Lamar Dunn & Associates, Inc. 3305 Maloney Road Knoxville, TN 37920 Mr. Greg Jones

Cured-In-Place Rehabilitation Experience Through 12/31/2014

<u>Description</u>	<u>Year</u>	<u>Owner/Location</u>	<u>Contract Amount</u>	<u>To Date Footage</u>	<u>Dia</u>	<u>Engineer</u>
2012-01 Sewer System Rehabilitation	Completed 6/30/2013	City of Lewisburg 100 Water Street Lewisburg, TN 37091	\$397,712.00	7,962.50 808.00	6 8 10 12	(865) 573-7672 JR Wauford S Company 2835 Lebanon Road Nashville, TN 37214 Mr. Robert Qualman (615) 883-3243
Altamont Sewer Rehabilitation	Completed 10/31/2013	City of Chattanooga 101 East 11th Street, Suite G13 Chattanooga, TN 37402	\$2,237,100.00	11,364.00	6 8 10 12	Lamar Dunn & Associates, Inc. 5726 Martin Road Suite 516 Chattanooga, TN 37411 Mr. Edward Ward (423) 855-0400
2011 CDBG Sewer System Improvements	Completed 6/1/2013	Town of Chatom 27 Cochran Avenue Chatom, AL 36518	\$287,100.00	6,688.00	6 8 10 12	Constantine Engineering 2414 Airport Road West Ft Payne, AL 35968 Mr. Jim Smith (256) 997-9199
Sanitary Sewer Rehabilitation Echoconoce Basin	Completed 4/1/2013	Macon Water Authority 790 Second Street, P.O. Box 108 Macon, GA 31202 Mr. Randy Smith (478) 464-5620	\$1,868,497.05	13,042.50 1,801.00 57.00	8 10 12	Macon Water Authority 790 Second Street, P.O. Box 108 Macon, GA 31202 Mr. Randy Smith (478) 464-5620
Town of Cadwell, GA Sewer Rehabilitation	Completed 10/1/2013	Town of Cadwell, GA 1006 Coleman Street Cadwell, GA	\$656,938.00	1,716.10	8	Carter and Sloope, Inc. 113 Mountainbrook Drive, Suite 208 Canton, GA 30115 Mr. Matt Smith (770) 479-3782
Tydale Air Force Base Rehabilitation	Completed	Sub to: Peadar Companies 620 West Baldwin Road Panama City Beach, FL 32405-3369 Mr. Chris Infinger (850) 258-1722	\$150,000.00	1,640.00 1,090.00 979.00	8 10 12	Sub to: Peadar Companies 620 West Baldwin Road Panama City Beach, FL 32405-3369 Mr. Chris Infinger (850) 258-1722
Forcemain Rehabilitation	Completed	City of Sanford 300 N. Park Avenue, Room 236 Sanford, FL 32772 Mr. Cedric Coleman (407) 688-5000 x 5517	\$350,000.00	3,500.00	8	City of Sanford 300 N. Park Avenue, Room 236 Sanford, FL 32772 Mr. Cedric Coleman (407) 688-5000 x 5517
Sewer Lining 2012	Completed	City of Winter Haven 401 6th Street SW Winter Haven, FL 33880 Mr. Steve Reiner (863) 287-7263	\$300,000.00	5,790.00	8	City of Winter Haven 401 6th Street SW Winter Haven, FL 33880 Mr. Steve Reiner (863) 287-7263

Cured-In-Place Rehabilitation Experience Through 12/31/2014

Description	Year	Owner/Location	Contract Amount	To Date Footage	Dia	Engineer
City of Savannah, GA 08.154.06.24 5-YR Annual Project	2012-2015 Annual	City of Savannah, GA 230 Argonic Road Savannah, GA 31406 Mr. Bill Steinhauser (912)351-3834	\$8,750,000.00	41,527.90	8	City of Savannah, GA 230 Argonic Road Savannah, GA 31406 Mr. Bill Steinhauser (912)351-3834
				2,295.00	10	
				2,978.00	12	
				551.00	15	
				147.30	18	
Sewer Rehabilitation Project	2012 Completed	City of St. Cloud, FL 1300 9th Street St. Cloud, FL 34769 Mr. Rick Mauro (407) 957-7212	\$210,000.00	2557.00	24	City of St. Cloud, FL 1300 9th Street St. Cloud, FL 34769 Mr. Rick Mauro (407) 957-7212
				3,452.00	8	
				576.00	10	
				1,900.00	12	
Mulberry I&I Improvements	Completed	City of Mulberry P.O. Box 707 Mulberry, FL 33860 Mr. John Wright (863) 425-5492	\$394,771.80	6,349.00	6	Rayl Engineering & Surveying LLC 695 Church Street Bartow, FL 33830 Mr. Alan Rayl (813) 857-6921
				1,008.00	8	
					10	
					12	
					15	
Central Tallahassee Sewer Improvements	Completed	City of Tallahassee 3 Freeman Avenue Tallahassee, AL 36078	\$1,379,575.00	3,000.00	6	AME Engineers Inc 6013-A East Shirley Lane Montgomery, AL 36117 Mr. Russ Robinson (334)277-2866
				6,500.00	8	
				700.00	10	
				3,500.00	12	
				4,000.00	15	
Sewer Lining	Completed 10/30/2011	City of Winter Haven 401 6th Street SW Winter Haven, FL 33880 Mr. Steve Reiner (863) 287-7263	\$394,771.80	15,811.20	8	City of Winter Haven 401 6th Street SW Winter Haven, FL 33880 Mr. Steve Reiner (863) 287-7263
IFB 07/08-07 Restoration of Underground Pipe and Manhole Rehabilitation	Annual In Progress	City of Sanford 300 N. Park Avenue, Room 236 Sanford, FL 32772 Mr. Cedric Coleman (407)688-5000 x 5517	\$100,000.00	3,770.80	8	City of Sanford 300 N. Park Avenue, Room 236 Sanford, FL 32772 Mr. Cedric Coleman (407)688-5000 x 5517
				1,688.80	10	
					12	
					15	
City of Edison, GA 2011	Completed	City of Edison, GA 2011 101 E. Hartford Street Edison, GA 39846 Mr. Reeves Lane, Major (229)835-2279	\$450,000.00	5,923.30	8	Stephenson & Palmer Engineering, Inc. 1501 Highway 19 South Leesburg, GA 31763 Mr. Robert Ramsdell (229)883-0332
City of Orlando FL IFB10-0399	2011 In Progress Annual	City of Orlando Public Works Department 5100 L.B. McLeod Road Orlando, FL 32811 Mr. Chuck Shultz, P.E.	\$600,000	21,678	8	City of Orlando Public Works Department 5100 L.B. McLeod Road Orlando, FL 32811 Mr. Chuck Shultz, P.E.
					10	
					12	
					18	

Cured-In-Place Rehabilitation Experience Through 12/31/2014

<u>Description</u>	<u>Year</u>	<u>Owner/Location</u>	<u>Contract Amount</u>	<u>To Date Footage</u>	<u>Dia</u>	<u>Engineer</u>
City of Tampa, FL Annual Wastewater Gravity Sewer Rehabilitation by Cured in Place Pipe (CIPP) FY 11	Completed	(407)246-2658	\$728,300	14258.40	8	(407)246-2658
		City of Tampa				City of Tampa
		3808 East 26th Street				3808 East 26th Street
		Tampa, FL 33605				Tampa, FL 33605
Town of Loxley, AL	Completed	Mr. Jeffrey Taylor	\$229,600	7,630	8	Mr. Jeffrey Taylor
		(813) 630-3911				(813) 630-3911
		Town of Loxley, AL				Godwin, Mills, and Caywood, Inc.
		PO Box 9				41 West I-65 Service Rd North, ste 430
Bartow, FL Municipal Airport Sub to CenState Construction	Completed	Loxley, AL 36551	\$310,937	9,909	8	Mobile, AL 36608
		CenState Contractors, Inc.				Mr. Chad Jordan
		PO Box 552				(251)460-4006
		Winter Haven, FL 32882				Chastain Skillman
Sewer Rehabilitation Project - FY 2011	Completed	Mr. Ronnie Blackwell	\$604,000.00	11,924.90	8	4705 Old Highway 37
		(863) 524-3682				Lakeland, FL 33807
		City of Panama City Beach				Mr. Michael Leffler
		110 South Arnold Road				(863) 646-1402
		Panama City Beach, FL 32413				City of Panama City Beach
		Ms. Kelly Jenkins				110 South Arnold Road
		(850)233-5100				Panama City Beach, FL 32413
						Ms. Kelly Jenkins
						(850)233-5100
Sewer System Rehabilitation 2009 CDBG Contract No: J-10	Completed	2010	\$337,100.00	896.00	8	Gresham, Smith & Partners
		Town of Bruceston				511 Union Street, Suite 1400
		209 Cheatham Street				Nashville, TN 37219
		Bruceston, TN 38317				Mr. Michael Bargett
Ford/Blackwell and Highland Outfall Sanitary Sewer Rehabilitation	Completed	Mr. Brian Edwards	\$132,620.00	2,837.00	8	(615)770-8100
		(731)586-2401				PGS&J
		City of Covington				1800 Parkway Place, Suite 1200
		2194 Emory Street				Marietta, GA 30067
Sewer Rehabilitation Project	Completed	Mr. Tim Johnson	\$97,169.00	682.00	10	Mr Bill Livingston
		(770) 585-2035				(770)422-1902
		City of St. Cloud, FL				City of St. Cloud, FL
		1300 9th Street				1300 9th Street
Trenchless Gravity Line Repairs	Completed	St. Cloud, FL 34769	\$181,581.00	924.00	8	St. Cloud, FL 34769
		Mr. Rick Mauro				Mr. Rick Mauro
		(407) 957-7212				(407) 957-7212
		City of Greenwood				V. Johnson - McAdams Firm
		101 West Church Street		1,635.50	10	108 West Market Street
				151.80	12	
				271.00	8	

Cured-In-Place Rehabilitation Experience Through 12/31/2014

<u>Description</u>	<u>Year</u>	<u>Owner/Location</u> Greenwood, MS 38930	<u>Contract Amount</u>	<u>To Date Footage</u>	<u>Dia</u>	<u>Engineer</u>
				608.00	10	Greenwood, MS 38930
				4,931.00	12	Mr. Tom Tollison (562) 455-3943
Wastewater Collection System Rehab 2010 Cedar Key Redevelopment Agency	2010 Completed	Cedar Key Redevelopment Agency 490 Second Street Cedar Key, FL 32625	\$162,379.00	3,553.00	8	Mittner & Associates, Inc. 580-1 Wells Road Orange Park, FL 32073
				787.00	10	Mr. Monte Hafez (904) 278-0030
Clingman's Dome AIRC is Subcontractor	4/15/2010 Completed	Charles Bialock & Sons P.O. Box 4750 Sevierville, TN 37864-4750 (865)453-2808	\$222,000.00	143.00	18	Federal Highway Admin.
				124.00	24	
Sewer Rehabilitation Project Town of Johnston, SC	10/30/2011 Completed	Edgefield County Water and Sewer Auth 100 Waterworks Way Edgefield, SC 29824	\$283,453.50	5,500.00	8	Genesis Consulting Group 1330 Lady Street, Suite 205 Columbia, SC 29201 Mr. Bill Knowles (803)744-4500
Sewer Rehabilitation Phase III and Manhole Rehabilitation	2010 Completed	City of Brooksville 201 Howell Avenue Brooksville, FL 34601-2041	\$1,348,764.00	4,075.00	6	Cardno/TBE
				36,226.00	8	20203 Cortez Blvd.
				1,611.00	10	Brooksville, FL 34601
					12	Mr. Alan Schaffer (352)754-4553
IFB 07/08-07 Restoration of Underground Pipe and Manhole Rehabilitation	Completed Jan 2011	City of Sanford 300 N. Park Avenue, Room 236 Sanford, FL 32772 Mr. Cedric Coleman (407)688-5000 x 5517	\$2,300,000.00	47,833.00	8	City of Sanford
				19,388.00	10	300 N. Park Avenue, Room 236
				3,276.00	12	Sanford, FL 32772
						Mr. Cedric Coleman (407)688-5000 x 5517
Henry County Water and Sewerage Authority Contract 2009-0331 Sanitary Sewer Rehabilitation	Jan 2010 Completed	Henry County Water and Sewerage Authority 100 Westridge Industrial Blvd. McDonough, GA 30253 Mr. Pat Hembrey (678)583-3811	\$659,171.00	952.00	6	Henry County Water and Sewerage Authority
				8,505.00	8	100 Westridge Industrial Blvd.
				2,814.00	10	McDonough, GA 30253
				1,785.00	12	Mr. Pat Hembrey
				0.00	15	(678)583-3811
				355.00	36	
City of Edison, GA	Jan 2010 Completed	City of Edison, GA 101 E. Hartford Street Edison, GA 39846 Mr. Reeves Lane, Major (229)835-2279	\$484,719.00	14,380.40	8	Stephenson & Palmer Engineering, Inc.
				310.00	10	1501 Highway 19 South Leesburg, GA 31763
						Mr. Shane Cox (229)883-0332
Sewer Main Rehab Phase III City of Ocala, FL	2009-2014 In Process	City of Ocala, FL 405 S.E. Osceola Avenue	\$953,000.00	52.00	6	City of Ocala, FL
				47,397.70	8	Water & Sewer Engineer

Cured-In-Place Rehabilitation Experience Through 12/31/2014

<u>Description</u>	<u>Year</u>	<u>Owner/Location</u>	<u>Contract Amount</u>	<u>To Date Footage</u>	<u>Dia</u>	<u>Engineer</u>
Annual Project - 5 Years	5-YR Annual	Ocala, FL 34478-1270 Mr. Ed Earnest (352)629-8521		3,155.20 70.00	10 12	2100 N.E. 30th Ave. Bldg. H Ocala, FL 34478 Mr. Ed Earnest (352)351-6772
Hilton Head Island, SC	3/29/2009 Completed	Hilton Head Island, SC 21 Oakpark Drive Hilton Head, SC 29925 Mr. Jim Hewitt (843) 681-5052	\$55,199.10	0.00 358.00	8 24	Hilton Head Island, SC 21 Oakpark Drive Hilton Head, SC 29925 Mr. Jim Hewitt (843) 681-5052
City of Altamonte Springs, FL	1/30/2009 Completed	City of Altamonte Springs, FL 225 Newburyport Avenue Altamonte Springs, FL 32701 Mr. James Wickert (407)571-8078	\$54,994.44	372.00 350.00	8 24	City of Altamonte Springs, FL 225 Newburyport Avenue Altamonte Springs, FL 32701 Mr. James Wickert (407)571-8078
City of Altamonte Springs, FL La Floresta Project	1/30/2009 Completed	Partheon Construction - ATT SUB 105 W 7th Street Orlando FL 32824 Mr. Medhi Shayestea (407)948-2373	\$118,257.50	4,098.00	8	City of Altamonte Springs, FL 225 Newburyport Avenue Altamonte Springs, FL 32701 Mr. George Graves (407)571-8335
City of Arcadia, FL	1/30/2009 Completed	City of Arcadia, FL 645 Turner Road Arcadia, FL 34266 Mr. Fred Lewis (863)494-1789	\$250,000.00	6,404.00 788.00	8 12	AECOM 10210 Highland Manor Drive, Suite 350 Tampa, FL 33610 Mr. Todd Bosso, PE (813)630-2500
City of Savannah, GA 08.154.06.24 4-YR Annual Project	2008-2011 Annual	City of Savannah, GA 230 Argonic Road Savannah, GA 31406 Mr. Bill Steinhauer (912)351-3834	\$5,500,000.00	163,211.17 7,232.40 14,849.20 3,578.00 6,718.00 6,975.00 3214.00	8 10 12 15 18 24 36	City of Savannah, GA 230 Argonic Road Savannah, GA 31406 Mr. Bill Steinhauer (912)351-3834
City of Hartselle, AL Utilities Sanitary Sewer Rehab, Basins 7, 11, 12, and 13	4/30/2009 Completed	City of Hartselle, AL - Hartselle Utilities 1010 Sparkman Street NW Hartselle, AL 35640 Mr. Wayne Roberson (256) 773-3340	\$668,604.00	1,818.00 3,489.00	6 8	City of Hartselle, AL - Hartselle Utilities 1010 Sparkman Street NW Hartselle, AL 35640 Mr. Wayne Roberson (256) 773-3340
City of Ripley, TN Wastewater Sewer Line Rehabilitation	2/30/09 Completed	City of Ripley - Ripley Sewer, Gas and Water 116 Church Street Ripley, TN 38063	\$439,412.00	13,341.00 3,132.00	8 10	A2H Engineers 3009 Davis Plantation Road Lakeland, TN 38002 Mr. Ed Hargraves (901)372-0404
Sewerage System Improvements Phase II	2009	City of Lincoln, GA	\$228,816.00	3,697.00	8	G. Ben Turnipseed Engineers

Cured-In-Place Rehabilitation Experience Through 12/31/2014

<u>Description</u>	<u>Year</u>	<u>Owner/Location</u>	<u>Contract Amount</u>	<u>To Date Footage</u>	<u>Dia</u>	<u>Engineer</u>
Lincolnton, GA	Completed	125 North Peachtree Street Lincolnton, GA 30817 (706)359-3239				4210 Columbia Road, Bld #3 Augusta, GA 30907 Mr. Kenneth Greene, P.E. (706)863-8800
City of Cleveland, TN Sanitary Sewer Rehabilitation	6/30/2009 Completed	City of Cleveland, TN 2450 Guthrie Drive NW Cleveland, TN 37320-2730 Mr. Philip Luce (423) 472-4521	\$368,166.00	7,542.00 622.00	8 12	City of Cleveland, TN 2450 Guthrie Drive NW Cleveland, TN 37320-2730 Mr. Philip Luce (423) 472-4521
IFB 07/08-07 Restoration of Underground Pipe and Manhole Rehabilitation	2008 Completed	City of Sanford 300 N. Park Avenue, Room 236 Sanford, FL 32772 Mr. Cedric Coleman (407) 302-1025	\$815,000.00	20,663.00 1,040.00 401.00 1,146.00 500.00	8 10 12 15 18	City of Sanford 300 N. Park Avenue, Room 236 Sanford, FL 32772 Mr. Cedric Coleman (407) 302-1025
Roberts Road and Sewell Road Culvert Repairs Newnan, Georgia	4/30/2008 Completed	City of Newnan, Georgia 25 LaGrange Street Newnan, GA 30263 (770) 253-2682	\$297,100.00	64.00 110.00	60 96	Keck & Wood, Inc. 2425 Commerce Avenue Building 2100 Suite 300 Duluth, GA 30096 Mr. Rick Gurney (678) 417-4000
Sevier County Project No. PRA-FOOT 15A32 AITC is Subcontractor	1/1/2008 Completed	Charles Blalock & Sons P.O. Box 4750 Sevierville, TN 37864-4750 (865)453-2808	\$175,700.90	439.00 949.00 644.00	18 24 30	Federal Highway Admin.
Sewerage System Improvements Collection System Rehabilitation Project No. 260387	4/30/2008 Completed	City of Crawfordville, GA P.O. Box 8 Crawfordville, GA 30631 (706)456-2605	\$393,100.00	5,721.00	8	G. Bea Turnipseed Engineers 4210 Columbia Road, Bldg. 3 Augusta, GA 30907 Mr. John McClellan (706)863-8800
Sanitary Sewer Rehabilitation 2006 Cured-In-Place Pipe Installation Project #CS-010307-11-07	10/1/2008 Completed	City of Huntsville, AL 320 Fountain Circle Huntsville, AL 35801 (256)427-5300	\$937,100.00	7,174.00 1,200.00 1,621.00 5,509.00 3,640.00	8 10 12 15 18	Tetra Tech, Inc. 101 Church Street, Suite 201 Huntsville, AL 35801 Mr. Houston Matthews (256)551-0222
Leisure Beach Wastewater Collection System Pasco County, FL	3/01/2008 Completed	Pasco County Commission 7530 Little Road New Port Richey, FL 34654 (727)847-8145	\$376,322.00	1,200.00 1,700.00	8 18	Parsons, Water & Infrastructure, Inc. 3450 Buschwood Park Drive, Suite 345 Tampa, FL 33618-4447 Mr. Trevor Ibbeson (813)933-4650
South Bay Sewer Rehabilitation	10/1/2008	Florida Governmental Utility Authority	\$1,000,000.00	28,571.00	8	Government Services Group, Inc.

Cured-In-Place Rehabilitation Experience Through 12/31/2014

<u>Description</u>	<u>Year</u>	<u>Owner/Location</u>	<u>Contract Amount</u>	<u>To Date Footage</u>	<u>Dia</u>	<u>Engineer</u>
Resolution 33-2007 South Bay, FL	Completed	280 Wekiva Springs Road Longwood, FL 32779 Mr. Pradeep Sethi (407)629-6900				1500 Mahan Drive, Suite 250 Tallahassee, FL 32308 Mr. Charles Sweat (850)224-7206
Sanitary Sewer Rehabilitation and Years II Amended Garden City, GA	2007 Completed	City of Garden City, GA 100 Main Street Garden City, GA 31418-7548 Mr. Brian Johnson (912)966-7777	\$311,000.00	5,100.00	8	Hussey, Gay, Bell & DeYoung, Inc. P.O. Box 14247 Savannah, GA 31416 Mr. Ben Gay, P.E. (912)554-4626
Sewerage System Improvements Chatsworth, GA	10/1/2008 Completed	City of Chatsworth, GA 101 West Market Street Chatsworth, GA 30705 (706)695-9496	\$1,197,100.00	38,100.00	8	G. Ben Turnipseed Engineers 2255 Cumberland Pkwy, Bld 400 Atlanta, GA 30339 Mr. Ben Turnipseed (770)333-0700
Sewer Collection System Repairs City of Key Colony Beach, FL	7/1/2007 Completed	City of Key Colony Beach, FL P.O. Box 510141 Key Colony Beach, FL 33051-0141 (305)289-1212	\$298,345.00	3,600.00	8	Weiler Engineering Corporation 5800 Overseas Highway, Suite 36 Marathon, FL 30907 Ms. Nancy Brooking (305)289-4161
Sewerage System Improvements Phase II Lincolnton, GA	2007 Completed	City of Lincolnton, GA 125 North Peachtree Street Lincolnton, GA 30817 (706)359-3239	\$287,100.00	7,600.00	8	G. Ben Turnipseed Engineers 4210 Columbia Road, Bld #3 Augusta, GA 30907 Mr. Kenneth Greene, P.E. (706)863-8800
Sewerage System Improvements Phase II Harlem, GA	2007 Completed	City of Harlem, GA P.O. Box 99 Harlem, GA 30814 (706)556-3448	\$617,100.00	7,600.00	8	G. Ben Turnipseed Engineers 4210 Columbia Road, Bld #3 Augusta, GA 30907 Mr. John McClellan, P.E. (706)863-8800
Sanitary Sewer Replacement/Rehab 2007 Phase I Clyde Ave., Canterbury Lane Kissimmee, FL	7/1/2008 Completed	Tohopekaliga Water Authority 101 North Church Street Kissimmee, FL 34741 Mr. George Eversol (407)518-2161	\$1,117,100.00	6,000.00	8	Tohopekaliga Water Authority 101 North Church Street Kissimmee, FL 34741 Mr. George Eversol (407)518-2161
North Collier Blvd. Rose Ct to Jolley Bridge Contract #06-062 Marco Island, FL	6/2008 Completed	City of Marco Island, FL 50 Bald Eagle Drive Marco Island, FL 34145 Mr. Tim Pinter, P.E. (239)389-5018	\$565,450.00	7,700.00	8	City of Marco Island, FL 50 Bald Eagle Drive Marco Island, FL 34145 Mr. Tim Pinter, P.E. (239)389-5018
Sewer Main Rehab Phase II City of Ocala, FL	2006-09 1/2010	City of Ocala, FL 405 S.E. Osceola Avenue	\$3,100,000.00	319.00 54,454.00	6 8	City of Ocala, FL 405 S.E. Osceola Avenue

Cured-In-Place Rehabilitation Experience Through 12/31/2014

<u>Description</u>	<u>Year</u>	<u>Owner/Location</u>	<u>Contract Amount</u>	<u>To Date Footage</u>	<u>Dia</u>	<u>Engineer</u>
Annual Project	Completed	Ocala, FL 34478-1270 Mr. Ed Earnest (352)629-8521		1,926.00 1,257.00 337.00 87.00 210.00 340.00	10 12 15 18 24 36	Ocala, FL 34478-1270 Mr. Ed Earnest (352)629-8521
06-05 Sewerage System Improvements Project #230207 Warrenton, GA	2006 Completed	City of Warrenton, GA P.O. Box 109 Warrenton, GA 30828-0109 (706)465-3282	\$434,125.00	7,700.00	8	G. Ben Turnipseed Engineers 4210 Columbia Road, Bld #3 Augusta, GA 30907 Mr. Kenneth Green, P.E. (706)863-8300
Lehigh Acres Sewage Collection System I & T Rehabilitation Program Lehigh Acres, FL	2007 Completed	Florida Governmental Utility Authority 280 Wekiva Springs Road Longwood, FL 32779 Mr. Pradeep Sethi (407)629-6900	\$1,827,100.00	55,318.00	8	URS Corporation 7650 W. Courtney Campbell Causeway, Ste. 700 Tampa, FL 33607 Mr. J. David Burgstiner, P.E. (813)286-1711
Crystal River Sewer Rehabilitation Crystal River, FL	2006 Completed	Advanced Underground Imaging 222 West Spring Street Cookeville, TN 38501 (931)372-8500	\$270,800.00	8,700.00	8	City of Crystal River, FL

BREAKDOWN BY STATE

AL	70,692.60
FL	543,570.90
TN	108,897.28
GA	410,196.07
SC	5,858.00
NC	0.00
MS	12,784.00
Total	1,151,997.87

BREAKDOWN BY DIAMETER

6"	19,288.00
8"	966,113.07
10"	63,111.20
12"	44,436.40
15"	16,099.70
18"	20,406.10
21"	3,105.10
24"	10,155.00
27"	1,136.30
30"	1,507.00
36"	6,466.00
42"	0.00
48"	0.00
60"	64.00
96"	110.00

LF 1,151,997.87

Total of All Jobs LF 1,151,997.87



222 W. Spring St.
Goochville, TN 38501
931.372.8500 phone
931.372.2800 fax

7540 103rd St., Suite 118
Jacksonville, FL 32210
904.778.1118 phone
904.778.1027 fax

18 April 2007

RE: Reference for American Infrastructure Technologies Corp.

I have served as the project manager for two different deployments of AITC forces in Florida.

In St. Petersburg, Florida, AITC crews performed post-CIPP chemical sealing of service laterals across many difficult-to-reach stretches of line. These line segments were located in politically sensitive neighborhoods, on high-value and high-visibility properties, and the AITC crews performed above and beyond the specifications on each deployment.

In Crystal River, Florida, AITC crews performed air-inverted CIPP lining work on small diameter sanitary sewer lines. Their installation crews were prompt, professional, and performed above and beyond the specifications. Their work was effective, efficient, and so quick I had to rewrite my schedule – it's one of the few issues a manager enjoys to have. They deployed on schedule, worked with my team to coordinate permitting and public involvement, and never missed a beat, despite the presence of a tropical storm on site the first day!

I'd gladly work with American Infrastructure Technologies on any project. It was my pleasure. AIT crews keep me involved in their process, and perform their work with precision.

Best regards,

Rob Gray
Project Manager
AITC, LLC
931.267.7503 mobile
Rgray2@aitc.biz



KECK & WOOD, INC.

2425 Conners Avenue
Building 2100, Suite 300
Duluth, Georgia 30096
Office: (678) 417-4000
Fax: (678) 417-8783
www.keckwood.com

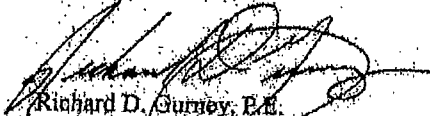
February 10, 2009

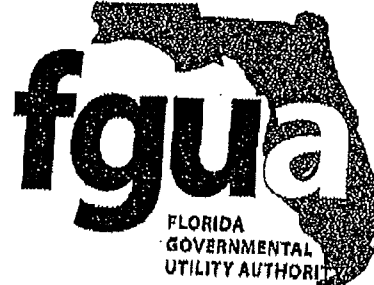
To Whom It May Concern:

American Infrastructure Technologies Corporation installed cured-in-place-pipe liners in two large CMP pipes on a project last year in Newnan, Georgia. They were responsive to all questions and concerns during the construction of the project. The project was completed on time and the finished product was excellent. We highly recommend their services as a CIPP installer.

Sincerely,

KECK & WOOD, INC.


Richard D. Gurney, P.E.
Vice President



April 13, 2007

TO WHOM SO EVER IT MAY CONCERN

This is to certify that

American Infrastructure Technologies Corp was awarded a contract for the prevention and reduction of inflow and infiltration in the wastewater collection system at Lehigh Acres FY 2006 project # LE 015. The scope included lining the gravity sewers, carrying out Point of repairs, Manhole repairs and manhole lid repair/replacement and raising the manholes to the current grade.

AITC completed the project within budget and in a timely manner. AITC was very responsive and professional in their approach to the project and its execution.

Keeping in view the good services rendered by American Infrastructure Technologies Corp FGUA has extended their contract for the current FY 2007 also.

American Infrastructure Technologies Corp (AITC)
8799 Highway 31
Hanceville, AL 35077

Florida Governmental Utility Authority


Pradeep Sethi
Project Manager

FGUA OPERATIONS OFFICE
Government Services Group, Inc.
Protegrity Plaza, Suite 203
280 Wekiva Springs Road
Longwood FL 32779
877/852-3482 Toll Free
407/629-8900 Tel
407/629-8963 Fax

From: Ed Earnest [EEarnest@Ocalafl.org]
Sent: Monday, April 16, 2007 10:09 AM
To: TimBixler@aol.com
Subject: RE: Letter of Reference
To Whom It May Concern:

American Infrastructure Technologies Corporation is currently under contract with the City of Ocala for rehab of our sewer system. They are lining existing clay mains and brick manholes. The contract is currently at \$ 1,246,622.

American Infrastructure Technologies Corporation is doing good on the project, completing the work in a timely manner. Given the option we would use them again.

Edward T. Earnest, P.E.
Deputy City Engineer
Utilities & Construction
352-629-8521



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitec@aitechcorp.com

Website: www.aitechcorp.com

BANK REFERENCE

Regions Bank
711 2nd Ave. S.W.
Cullman, AL 35055

Ph: 256-734-1040
Fx: 256-734-8613

Loan Officer: Clayton Ingram

Line of Credit: \$12,000,000.00



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

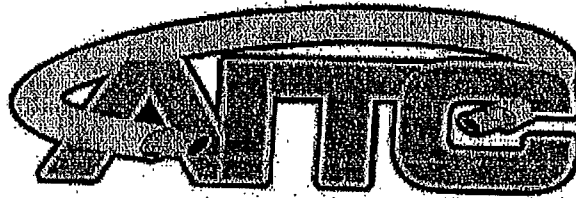
Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitec@aitechcorp.com

Website: www.aitechcorp.com

EQUIPMENT LIST



*American Infrastructure Technologies
Corporation*

*Shall implement the highest standards
of the construction industry*

American Infrastructure Technologies Corporation

Equipment List-Lining

1. Boiler Truck - Steam process unit 100 Horsepower
2. TV Truck - Cues video lateral reinstatement unit
3. Tool Truck - 26 Ft. tool truck
4. Refrigerated Truck - 26 Ft. refrigerated truck
5. Vactor Truck - Sewer jet vacuum truck
6. Refrigerated Trailer and Tractor
7. Miscellaneous tools, bypass pumps, small equipment and pickup trucks

****Other equipment available through rental companies if needed.**

*****All equipment is in excellent working condition.**



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

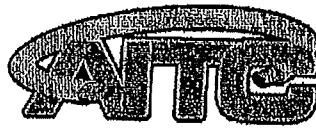
Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitec@aitechcorp.com

Website: www.aitechcorp.com

COMPANY PROFILE



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

AMERICAN INFRASTRUCTURE TECHNOLOGIES CORPORATION

**8799 U.S. HWY, 31
HANCEVILLE, AL 35077
PH: 256-729-4747
FAX: 256-737-1871
aitec@aitechcorp.com
AITECHCORP.com**

BONDING INFORMATION

**Surety Company: The Hanover Insurance Company
440 Lincoln Street
Worcester, MA 01653**

**Agent: McGriff, Seibels & Williams, Inc.
2211 7th Avenue South
Birmingham, AL 35233**

**Contact: Jeffrey M. Wilson
PH: 205-581-9131
FAX: 205-581-9463**

Total Aggregate Bonding Capacity: \$30,000,000.00

Single Project Bonding Capacity: \$15,000,000.00

Current Bonded Ongoing Projects: \$6,408,160.00



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitc@aitechcorp.com

Website: www.aitechcorp.com

PRESIDENT: Kenneth E. Giddens, manages day to day operations for company.

VICE PRESIDENT: Timothy R. Bixler, oversees operations management including bidding/estimating/subcontractors.

American Infrastructure Technologies Corporation was formed by Ken Giddens and Tim Bixler who both have extensive backgrounds in the sewer, pipeline and heavy construction industry.

AITC CONTRACTOR LICENSES

<u>STATE</u>	<u>NUMBER</u>	<u>EXPIRATION</u>
AL	39829	12/31/16
FL	CUC1224556	8/31/18
GA	UC301560	4/30/17
MS	17704-SC	7/10/17
SC	G113302	10/31/18
TN	00055266	9/30/17

NAICS CODE: 238910

D&B # 189408367

CATEGORIES OF CONSTRUCTION: UTILITY SEWER



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitec@aitechcorp.com

Website: www.aitechcorp.com

TESTING REFERENCE

HTS CONSULTANTS, INC.
416 Pickering Street
Houston, TX 77091

Ph: 713-692-8373

Fx: 713-692-8502

Manager: Mr. John Territo

HTS Pipe Consultants, Inc.
420 Ploking Street, Houston, TX 77061
www.htspipeconsultants.com

Phone 713-662-8373
Fax 713-662-8502
Toll Free 1-800-662-TEST



FLEXURAL PROPERTIES OF PLASTICS (ASTM D790)

SUPPORT SPAN = 3.5"

Flexural 3 point bend

Operator name: CARRILLO

Instron Corporation
Series IX Automated Materials Testing System 6.05
Test Date: 30 Sep 2010

Sample Identification: P019-125
Interface Type: 42/43/4400 Series

Sample Type: ASTM

Machine Parameters of test:

Sample Rate (pts/sec): 10.000
Crosshead Speed (in/min): .0930

Humidity (%): 55
Temperature (deg. F): 71

Dimensions:

Spec. 1 Spec. 2 Spec. 3 Spec. 4 Spec. 5

	Spec. 1	Spec. 2	Spec. 3	Spec. 4	Spec. 5
Width (in)	.54500	.55000	.55000	.54800	.53600
Depth (in)	.22900	.23300	.23300	.23900	.23900
Span (in)	3.5000	3.5000	3.5000	3.5000	3.5000

Out of 5 specimens, 0 excluded.

Sample comments: 9/17/10, SECTION# 763078

Specimen Number	Disploment at Yield (in)	Strain at Yield (in/in)	Load at Yield (lbs)	Stress at Yield (psi)	Modulus Of Elasticity (psi)
1	.4544	.0510	36.9	6785.6	429733
2	.3899	.0445	40.4	7103.4	429612
3	.4473	.0510	41.1	7235.3	454878
4	.4076	.0477	44.9	7523.9	449264
5	.3946	.0462	43.5	6851.9	418088
Mean:	.4188	.0481	41.0	7100.0	436315.
Standard Deviation:	.0303	.0029	2.8	299.3	15270.
Minimum:	.3899	.0445	36.9	6785.6	418088.
Maximum:	.4544	.0510	44.9	7523.9	454878.

HTS Pipe Consultants, Inc.
420 Blooming Street, Houston, TX 77061
www.htspipeconsultants.com

Phone 713-882-8378
Fax 713-882-8502
Toll Free 1-800-692-TEST



FLEXURAL PROPERTIES OF PLASTICS (ASTM D790)

SUPPORT SPAN = 3.5".

Flexural 3 point bend

Operator name: K. PHOUANGSAVANH

Instron Corporation
Series IX Automated Materials Testing System 6.05
Test Date: 30 Sep 2010

Sample Identification: F0191210
Interface Type: 42/43/4400 Series

Sample Type: ASTM

Machine Parameters of test:

Sample Rate (ptm/sec): 10.000
Crosshead Speed (in/min): .0930

Humidity (%): 55
Temperature (deg. F): 71

Dimensions:

Spec. 1 Spec. 2 Spec. 3 Spec. 4 Spec. 5

	Spec. 1	Spec. 2	Spec. 3	Spec. 4	Spec. 5
Width (in)	.55000	.55500	.54800	.55000	.54000
Depth (in)	.22300	.24000	.22700	.22700	.23300
Span (in)	3.5000	3.5000	3.5000	3.5000	3.5000

Out of 5 specimens, 0 excluded.

Sample comments: 9/14/10, SECTION# 132473

Specimen Number	Displacement at Yield (in)	Strain at Yield (in/in)	Load at Yield (lbs)	Stress at Yield (psi)	Modulus OF Elasticity (psi)
1	.3847	.0420	34.9	6704.8	437352
2	.4336	.0510	41.1	6754.6	437961
3	.3635	.0404	35.3	6553.7	437095
4	.4385	.0488	37.1	6867.0	446379
5	.4476	.0511	35.8	6409.4	412074
Mean:	.4136	.0466	36.8	6657.9	434292.
Standard Deviation:	.0371	.0051	2.5	178.8	13089.
Minimum:	.3635	.0404	34.9	6409.4	412074.
Maximum:	.4476	.0511	41.1	6867.0	446379.

AIT COMPANY OVERVIEW

American Infrastructure Technologies Corporation's complete understanding of this project scope is significant. It is understood that we will be performing mainline rehabilitation to existing sewers as well as televising and cleaning as well as service lateral rehabilitation.

American Infrastructure Technologies Corporation has demonstrated our ability on many similar projects throughout the Southeastern United States.

We have compiled the best and most capable construction team for execution of the contract. We are prepared for a rapid commencement as well as a planned execution.

American Infrastructure Technologies Corporation plan of approach is very simple and straightforward:

- We will provide one direct contact person
- Execute the project diligently throughout contract term
- Provide an extremely high level of professionalism to the City of the project as well as any residence within the affected work areas.

Ensure that the overall project is a success including managing vendors, administration, contract progress and time of completion, quality, safety and all aspects of the overall project. This project shall be divided into work phases with each phase having four primary components. By breaking the project into distinct phases allows American Infrastructure Technologies Corporation to be better organized with control of all project activities. The four primary components of each phase will be as follows:

- Initial
- Component Inspection and Data Acquisition Phase
- Component Construction Phase
- Component Closeout

The phases are prioritized by areas resulting in the best solution for the course of the project.



American Infrastructure Technology, Inc. shall implement the highest standards of construction in the industry with proven solutions to reducing inflow/infiltration (I/I) and reducing or eliminating sewer system overflows.

Scope of work

The American Infrastructure Technologies Corporation team shall begin performance within 30 days upon a written notice to proceed. American Infrastructure Technologies Corporation shall implement the highest standards of construction in the industry with proven solutions to reducing inflow/infiltration (I/I) and reducing or eliminating sewer system overflows.

American Infrastructure Technologies Corporation will begin the project and work within a given area and complete each area before moving on to other worksites. The reason for this approach is that it only disrupts residence for a limited time. The second reason is that for an overall project management approach all interested parties are fully aware of work site locations and current project schedules.

The overall project shall be divided into project phases having four distinct work phases. By breaking the project into phases, allows American Infrastructure Technologies Corporation to provide organization and control over the project and the project activities. The four work phases that will occur with each of the two project phases are as follows:

- Initial Phase
- Inspection and Data Acquisition Phase
- Construction Phase
- Project Closeout Phase

Documentation

A daily report of operations shall be utilized to monitor project progress. The daily report of operations will highlight all activities on a particular day, to include weather and other issues concerning the project on each particular day.

It is American Infrastructure Technologies Corporation's intent to manage a well-organized and successful project. The organization of the project begins from the date the Notice to Proceed is issued and is carried out throughout the entire project until completion.

Initial Phase

The initial phase will consist of Resident Notifications (Door Knockers), Pre-Job Planning and Administration as well as mobilizing all necessary equipment and materials for the Inspection and Data Acquisition Phase.

Prior to going to the Inspection and Data Acquisition Phase all resident notifications shall be distributed in the area to notify them of the work that will be soon commencing in the area.

Inspection and Data Acquisition Phase

CCTV shall be the primary activity of this phase from a data acquisition standpoint. In addition to the CCTV the other activities that will be occurring during this phase are as follows:

- Cleaning
- Installation Layouts

Construction Phase

The construction phase shall begin by mobilizing all equipment necessary to perform the work order. The primary items that will be occurring during the construction phase are as follows:

- **Mainline Pipe Rehabilitation**
 - TV and Cleaning
 - Cured-In-Place
 - Bypass Setups for all necessary work items
- **Service Line Rehabilitation**
 - Cured-in-place Laterals

Project Closeout Phase

The **Project Closeout Phase** will be the handing over of all information gathered on the project. This is the step where we will provide and furnish the computerized maintenance management system and final drawings. At roughly 90% of the completion of the project a "Project Finalization Meeting" shall be held to discuss the following:

1. Demobilization
2. Project Turnover
3. Final Release
4. Project Performance (Safety, Quality, Cost and Time)

The primary focus of **American Infrastructure Technologies Corporation** is to satisfy our customer's needs. We can improve our process and adapt our behavior by soliciting feedback on every project. The strength and success of this Quality Management Program lies with **American Infrastructure Technologies Corporation's** employees. It is vital to satisfy our customer's needs and to implement programs that will allow us to maintain our position as one of our nation's premier contractors.

It is American Infrastructure Technologies Corporation's intent to provide your City the best products and technologies coupled with an extremely knowledgeable construction team.

Customer Service

- We will provide your department with a list of office, mobile, and home numbers for the American Infrastructure Technologies Corporation's project team. We understand that we must be prepared to react at a moment's notice to restore any property disrupted during the course during the performance of this project or address any public safety concerns.
- We understand the public relations concerns of the City – we will be disrupting, however briefly, the flow of sewers from customers who expect an uninterrupted service, and we will be inconveniencing the motoring and pedestrian public with lane closures, and by-pass piping.
- We understand that the City must treat each and every customer complaint/concern with the highest regard and, therefore, all concerns must be addressed immediately.
- We are fully prepared to address any concerns and/or problems, which may arise, at whatever hour.



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitc@altechcorp.com

Website: www.altechcorp.com

To Whom It May Concern:

The Board of Directors of American Infrastructure Technologies Corporation have authorized Kenneth Giddens and Timothy Bixler to execute any documents and contracts for American Infrastructure Technologies Corporation, at the annual meeting of January 3, 2007.

Chairman of the Board

A handwritten signature in black ink, appearing to read "Kenneth Giddens". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Kenneth Giddens



Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitec@aitechcorp.com

Website: www.aitechcorp.com

GUARANTEE FORMS

Service Quality Plan

American Infrastructure Technologies Corporation ensures the highest construction standards and practices in the industry. **American Infrastructure Technologies Corporation** is able to obtain this by numerous quality control processes.

Our quality control begins with our well-trained personnel familiar with the work. This provides for a quality end product to the owner as well as preventing problems throughout the project. Jobsite personnel are well informed on project specifications as well as industry standards.

The second step is to select the proper equipment for the project that works within any jobsite constraints. This step ensures that our project construction schedule will maintain on track. The equipment selection may change during the course of a project.

The next step is to provide the best products for construction. **American Infrastructure Technologies Corporation** associates ourselves with only the highest quality material suppliers. Materials supplied for projects are inspected, stored properly and handled carefully to ensure a no defect project. All materials are also stored to ensure safety to pedestrians or residence in the proximity of the construction site.

Proper supervision is critical to the service quality plan. Direct supervision is necessary to ensure quality, maintain schedule and to oversee entire project. Formal weekly meetings with foreman and superintendents are also held to ensure that this process works to provide a quality project.

Specifically, **American Infrastructure Technologies Corporation** performs and has quality control measures in the manufacturing and installation of all materials. Products are stored at proper temperatures and the First-In/First-Out (FIFO) manufacturing rule is applied. This eliminates long storage times on all materials. To further ensure quality, third party testing labs are regularly used to test for product strengths and product consistency.

In addition to standard quality control measures, **American Infrastructure Technologies Corporation** provides all residence in the proposed work area with a 24-hour notice letter stating when work will be commencing. A copy of the 24-hour notice letter is attached for your review. This notice not only helps to introduce our customers to a professional, efficient, well managed, and a quality project while minimizing disruption to existing residence it keeps the property owner in the vicinity informed on current progress.

C.I.P.P. Corp. is guided by introspective understanding of our customer's essential needs tempered with an understanding of the construction industry.



**American Infrastructure
Technologies Corporation**
*Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

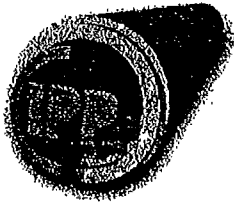
Fax : (256)-737-1871

E-Mail: aitec@aitechcorp.com

Website: www.aitechcorp.com

PRODUCT AND INSTALLER SUBMITTALS

- **APPLIED FELTS SPECIFICATIONS**
- **INTERPLASTICS CORPORATION (RESIN)**
- **C.I.P.P. DESIGN CONSIDERATIONS**
- **C.I.P.P. PIPE SPECIFICATIONS**
- **INSTALLATION PROCESS**
- **STEAM CURE PROCESS**



CIPP CORPORATION ®

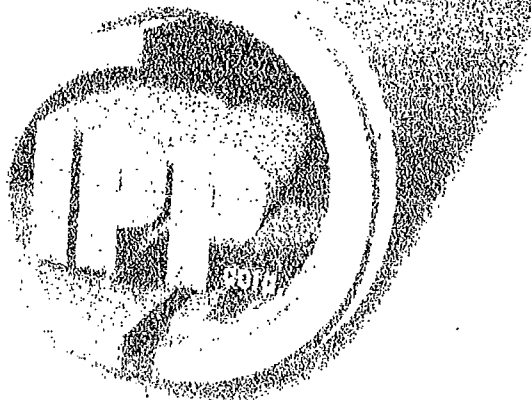
July 30th, 2009

To whom it may concern,

American Infrastructure Technologies Corporation has been affiliated with CIPP Corporation for over ten years. CIPP Corporation is the provider of materials and technology for its member contractors in the Cured In Place Pipe Industry. All of our products are manufactured in the USA and have been for more than ten years.

Sincerely,

Stephen Gearhart
Chairman



Hudson, IA — Cullman, AL — Chesapeake, VA — Helena, MT — Fredericktown, OH
Rogers, MN — Peoria, IL — West Chicago, IL — Winnipeg, MB

515 Fifth Street — Hudson, IA 50643 — <http://www.usa-cipp.com> — 1-888-485-CIPP — PH 1-319-988-4673 FAX 1-319-988-3506

C. I. P. P. CORPORATION

515 FIFTH STREET -- PO BOX 398 -- HUDSON, IA 50643

Phone: 319-988-4573 Toll Free: 1-888-485-2477 Fax: 319-988-3506

January 17, 2007

This letter is to certify that CIPP licensee's, as provided by C.I.P.P. Corporation, have successfully installed in excess of 1,000,000 linear feet of cured-in-place-pipe across the United States and Canada in the past 9 years.

In addition, American Infrastructure Technology is a certified installer of CIPP liner.



Steve Gearhart, Chairman
C.I.P.P. Corporation



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

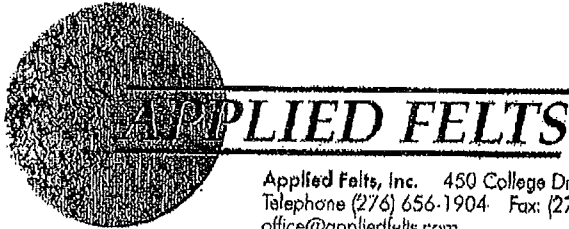
Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitec@aitechcorp.com

Website: www.aitechcorp.com

APPLIED FELTS



Applied Felts, Inc. 450 College Drive, Martinsville, Virginia 24112
Telephone (276) 656-1904 Fax: (276) 656-1909
office@appliedfelts.com

May 22, 2013

To Whom It May Concern:

This letter certifies that Applied Felts manufactured tubes meet the material requirements of ASTM F1216-09 (paragraph 5.1) and ASTM F 1743-08 (section 6) as well as meet the minimum strength requirements of ASTM-D5813-04 (paragraph 6.1). All our materials and finished products are tested to ensure suitability to the application. Each liner is typically tested in 28 different ways and traceable test data is available for any particular liner.

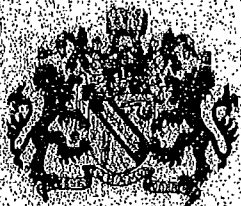
Applied Felts has provided polymer coated felt tubes for use in Cured In Place Pipe (CIPP) lining for more than sixteen years, and supplied materials for the CIPP industry for more than twenty years. Over 72 million feet of our liner has been successfully installed worldwide, of which over 60 million feet has been installed in the United States. Our liners are assembled in Martinsville, VA, using only components made in the USA.

American Infrastructure Technologies Corporation has been installing Applied Felts liners for over seven (7) years and is a customer in good standing.

Applied Felts is a registered ISO 9001:2008 company.

Sincerely,

W. Mark Sanders
General Manager



Certificate of Registration

COPY

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008

This is to certify that

Applied Felts Inc.
480 College Drive
Martinsville
Virginia
24112
USA

Holds Certificate No. FM 55735

and operates a Quality Management System which complies with the requirements of ISO 9001:2008 for the following scope:

Manufacture of textile products used in pipeline rehabilitation

For and on behalf of BSI

Gary Fenton, Global Assurance Director

Originally Registered: 08/15/2000

Latest Issue: 08/14/2012

Expiry Date: 05/31/2015



Page: 1 of 1

This certificate remains the property of BSI and shall be returned immediately upon request.
An electronic certificate can be authenticated online. Printed copies can be validated at www.bsi-group.com/ClientsDirectory.
To be read in conjunction with the scope above or the machine approved.
Information and Contact: BSI, Customer Care, Davy Avenue, Knowlton, Milton Keynes MK8 9PP, Tel: +44 845 080 9000.
BSI Assurance UK Limited, registered in England under number 7306221 at 389 Chiswick High Road, London W4 3AL, UK.
A member of the BSI Group of Companies.



APPLIED FELTS
450 College Drive - Martinsville, Virginia 24112
Telephone: 276-656-1904 Fax: 276-656-1909

TECHNICAL INFORMATION

Product: Eversion Liner for Hot Water Cure Installation
(Process Quality Control)

1. Raw Materials

Each supplier is assessed against Quality Assurance criteria. If the supplier meets the criteria set out, then they may be included in our "Approved Supplier List". Periodic reviews take place of all of our approved suppliers to ensure that they continue to meet our criteria.

Inspection and test of raw materials, when received, also enables us to assess the supplier as well as each batch of delivered raw material. Details are shown in Table 1.1.

Table 1.1

Raw Material	Characteristic Tested
Polyester fiber (Several specifications)	Staple length Crimp level Denier Shade Supplier Certification
Polyurethane granules (Several specifications)	Granularity Blocking Yellowness Supplier Certification
Tetrahydrofuran	Supplier Certification
Polyurethane film, sealing tape	Gauge Density Strength of weld - Heat Strength of weld - Chemical Opacity

2. Production of Felt

The sole raw material used in the production of felt is polyester staple fiber. The most suitable fiber specification for the customer's particular end-use is selected (on the basis of resin type, impregnation equipment, installation conditions, and cure regime)/

The process utilizes state of the art equipment and technology to ensure that the product is fully suited to the customer's requirements.

Continual operator inspection at each stage of the process and product, combined with the use of standard machine parameters and computerized machine monitoring ensures that the process is repeatable and consistent.

Each product is tailored to the specific customer's requirements, and a production specification is produced by the Technical Department. The felt produced is tested against the requirements of this document to concur suitable.

Process controls are described in Table 2.1.

Table 2.1

Process	Control	Characteristic
Opening fiber	Operator inspection, set parameters	Even density and thickness
Carding	Operator inspection, set parameters, computer feedback	Even fiber distribution
Tacker needling	Operator inspection, set parameters, computer feedback, orientation of fibers	Permits controlled
Reorientation of fibers	Operator inspection, set parameters, computer feedback	Controls relative elongation moduli in length and cross directions
Needling	Operator inspection, set parameters, computer feedback	Density, strength, ability to weld.

3. Polyurethane Coating of Felt

The sole consumable is granular polyurethane. The polyurethane specification is selected to ensure that the coating has the correct properties to meet the requirements of the customer.

Each roll of coated felt receives a minimum of two coats of polyurethane. This ensures that no pinholes are present.

Process controls are described in Table 3.1.

Table 3.1

Process	Control	Characteristic
Extrusion of polymer into Melt Coat machine	Fully automatic temperature, pressure control	Homogeneity of extrudate
Formation of molten polymer film	Operator control of machine temperatures, pressures, speeds	Coating uniformity
Transfer of molten film onto felt	Operator control of machine temperatures, pressures, speeds. Continual monitoring of product coating weight for each pass.	Coating mass per unit area Weight distribution over entire roll area.

4. Testing of Plain and Coated Felts

Each roll of plain felt and felt for coating is sampled and destructively tested against the requirements of the Production Specification as shown in Table 4.1. Each coated roll undergoes testing as per Table 4.2.

Table 4.1

Characteristic	Test
Density and density distribution at various applied pressures	Compression measurement at increasing pressure
Load at break in machine and cross directions	Tensile testing - Maximum Resistive Force
Secant Modulus in machine and cross directions (resistance to stretch)	Tensile testing - Maximum Resistive Force vs Extension %

Table 4.2

Characteristic	Test
Density and density distribution at various applied pressures	Compression measurement at increasing pressure
Load at break in machine and cross directions	Tensile testing - Maximum Resistive Force
Secant Modulus in machine and cross directions (resistance to stretch)	Tensile testing - Maximum Resistive Force vs Extension %
Coating weight and distribution	Samples weighed to determine distribution of coating in cross direction of roll
Coating adhesion and ability to weld	Peel strength of welded tape (Standard specification)
Coating surface finish	Visual inspection

Page 5

5. Production of Liners

Liner requirements are collected by way of the Customer Order and customer liaison, and are confirmed to the customer on our Order Acknowledgement form.

Once all requirements are known, a liner is designed which will fulfill all the requirements.

The design is detailed to the Production department as a Manufacturing Specification. This is entered onto the Production Schedule.

The liner may be produced by one of a number of production techniques, depending on the requirements.

6. Testing the Finished Liner

The control and test of the liner properties are detailed in Table 6.1.

From each liner produced, a sample is cut from one end for QC inspection and test. This sample is destructively tested to ensure that all of the liner properties are within the Manufacturing Specification.

Table 6.1

Property	Control	Test
Circumference of liner	Monitored at each production stage against Manufacturing Specification	Destructive test of sample. All layers are measured.
Density, Gauge of liner under various applied pressures	Selection of felt layers in order that finished density and gauge are within Manufacturing Specification	Compression test of sample of all layers
Length of liner	Monitored at each production stage against Manufacturing Specification	Inspection regime includes measurement of a sample of liners against Manufacturing Specifications
Coating Integrity	Continually monitored by state-of-the-art gauge	Inspected after coating, monitored throughout liner manufacture
Metal Free	Needling process is continually monitored for alignment to prevent needle damage	Each roll passes through metal detection equipment
Felt Weld Strength	All welding equipment operates to set parameters	Each weld is sampled and destructively tested. Results are compared to the Manufacturing Specification
Sealing Tape Weld Strengths	All welding equipment operates to set parameters	Each weld is sampled, specially conditioned, and destructively tested under conditions simulating the "worst case" for that liner

TECHNICAL INFORMATION

Product: Polyurethane Coated Liner for Hot Cure Eversion

Specification

Felt:

The fiber is PET Polyester staple fiber.

The denier of the fiber for a standard hot cure eversion liner for vacuum impregnation with a polyester resin is usually selected as nominally 6 denier ($\pm 10\%$) (dependent on specific liner and installation details).

The felt is manufactured to a thickness specification of $\pm 3\%$ when measured at a compressive pressure of 0.5 bar (7.4 psi) (16 ft. water head). Standard thickness of 1.5mm, 3mm, 4.5mm, 6mm, exist.

Coating:

The coating is a thermoplastic polyester polyurethane. The nominal weight may be 400-500, 500-600, or 600-700 grams per square meter. It is usual for the 400-500 gsm spec to be used. This affords an average coating thickness of 0.33mm for 400 gsm, 0.41mm for 500 gsm.

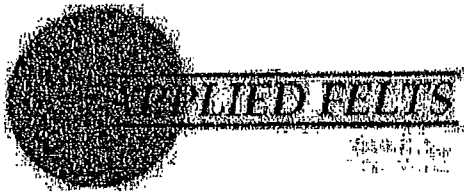
All coating weights are applied in a minimum of two passes to ensure that pin holes are avoided.

Liner:

The liner is assembled from layers of plain felt and an outer layer of coated felt. Each inner plain layer is overlapped approximately 50mm (2") at each joint and welded by hot fusion techniques to give the requisite weld strength to support the installation pressure (with a safety factor included). The safety factor is in excess of 2.

The outer coated layer has a high strength felt strip fusion welded across the inside of the joint and a sealing tape of polyurethane welded over the coating to give a seal and a barrier of comparable thickness to the coating.

The finished liner thickness is measured at the installation head and is toleranced at $-0+5\%$ on nominal ordered thickness.



July 10, 2009

Ken Giddens
8799 U.S. Hwy. 31
Hanceville, AL 35077

To Whom It May Concern:

This letter certifies that Applied Felts manufactured tubes meet the material requirements of ASTM F1216-03 and ASTM F 1743-96 as well as meet the minimum strength requirements of ASTM-D5035-95. All our materials are tested to ensure suitability to the application. Each liner is typically tested in 28 different ways and traceable test data is available for any particular liner. In-house engineering support is provided.

Applied Felts has provided polymer coated felt tubes for use in Cured In Place Pipe (CIPP) lining for more than twelve years, and supplied materials for the CIPP industry for more than twenty years. Over 35 million feet of our liner has been successfully installed world wide, of which 25 million feet has been installed in the North America. Over 400,000 feet of our liner has been installed in the state of Florida.

The country of manufacture of all components is the United States.

Applied Felts is a registered ISO 9001:2000 company.

Sincerely,

Walter C. Mattox,
General Manager



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitec@aitechcorp.com

Website: www.aitechcorp.com

**INTERPLASTICS CORPORATION
(RESIN)**

SAFETY DATA SHEET

CIPP ISO RESIN



Section 1. Identification

GHS product identifier : CIPP ISO RESIN
Product code : COR72-AT-470HT
Other means of identification : Unsaturated Polyester Resin
Product type : Liquid.

Material uses

Product use : Industrial applications.

Supplier's details : INTERPLASTIC CORPORATION
1225 Willow Lake Boulevard
St. Paul, MN 55110-5145
651.481.6860

Emergency telephone number (with hours of operation) : CHEMTREC 24-Hour Emergency Telephone 800.424.9300

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : FLAMMABLE LIQUIDS - Category 3
ACUTE TOXICITY: INHALATION - Category 4
SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
CARCINOGENICITY - Category 2
Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 65.7%

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : Flammable liquid and vapor.
Harmful if inhaled.
Causes serious eye irritation.
Causes skin irritation.
Suspected of causing cancer.

Precautionary statements

Section 2. Hazards identification

- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash hands thoroughly after handling.
- Response** : IF exposed or concerned: Get medical attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Storage** : Store containers in a safe place. Store in a well-ventilated place. Keep cool.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : None known.

Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Unsaturated Polyester Resin

CAS number/other identifiers

- CAS number** : Not applicable.
- Product code** : COR72-AT-470HT

Ingredient name	%	CAS number
Styrene	30.0 - 33.0	100-42-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation. Any concentration shown as exact is based on formula.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Section 4. First aid measures

- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Harmful if inhaled.
- Skin contact** : Causes skin irritation.
- Ingestion** : Irritating to mouth, throat and stomach.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
pain or irritation
watering
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:
irritation
redness
- Ingestion** : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable extinguishing media : Do not use water jet.

Specific hazards arising from the chemical : Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
metal oxide/oxides

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flames, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 6. Accidental release measures

- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Do not store above the following temperature: 38°C (100.4°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Styrene	ACGIH TLV (United States, 4/2014). TWA: 20 ppm 8 hours. TWA: 85 mg/m ³ 8 hours. STEL: 40 ppm 15 minutes. STEL: 170 mg/m ³ 15 minutes. OSHA PEL 1989 (United States, 3/1989). TWA: 50 ppm 8 hours. TWA: 215 mg/m ³ 8 hours. STEL: 100 ppm 15 minutes. STEL: 425 mg/m ³ 15 minutes.

Section 8. Exposure controls/personal protection

OSHA PEL Z2 (United States, 2/2013).

TWA: 100 ppm 8 hours.

CEIL: 200 ppm

AMP: 600 ppm 5 minutes.

NIOSH REL (United States, 10/2013).

TWA: 50 ppm 10 hours.

TWA: 215 mg/m³ 10 hours.

STEL: 100 ppm 15 minutes.

STEL: 425 mg/m³ 15 minutes.

Appropriate engineering controls

- : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls

- : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

- : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

- : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Hand protection

- : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection

- : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Other skin protection

- : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

- : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

Appearance

Physical state	: Liquid.
Color	: Various
Odor	: Characteristic. Aromatic.
Odor threshold	: 0.1 ppm
pH	: Not applicable.
Melting point	: Not available.
Boiling point	: 145.2°C (293.4°F)
Flash point	: Closed cup: 31.1°C (88°F)
Burning time	: Not applicable.
Burning rate	: Not applicable.
Evaporation rate	: >1 (ether (anhydrous) = 1)
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Lower: 1.1% Upper: 6.1%
Vapor pressure	: 0.57 kPa (4.3 mm Hg) [room temperature]
Vapor density	: 3.6 [Air = 1]
Relative density	: 1.24 to 1.27
Solubility	: Not available.
Solubility in water	: Not applicable.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
SADT	: Not applicable.
Viscosity	: Not available.

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Hazardous reactions or instability may occur under certain conditions of storage or use.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials Reactive or incompatible with the following materials: acids and alkalis. Keep away from oxidizing agents. Incompatible with alkali metals. Incompatible with some strong acids.

Section 10. Stability and reactivity

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Styrene	LC50 Inhalation Gas.	Rat	2770 ppm	4 hours
	LC50 Inhalation Vapor	Rat	11800 mg/m ³	4 hours
	LD50 Oral	Rat	2650 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Styrene	Eyes - Mild irritant	Human	-	50 parts per million	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Severe irritant	Rabbit	-	100 milligrams	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-
	Skin - Moderate irritant	Rabbit	-	100 Percent	-

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Conclusion/Summary : Styrene manufacturers vary on their determination that the GHS hazard classification criteria for carcinogenicity has been met.

Styrene is listed by IARC as a possible carcinogen to humans (Group 2B) based on "limited evidence" in humans, "limited evidence" in animals and "other relevant data". The United States NTP listed styrene as reasonably anticipated to be a human carcinogen based on "limited evidence" from studies in humans, "sufficient evidence" from studies in experimental animals, and supporting data on mechanisms of carcinogenesis. The significance of these results for humans has not been established through risk assessment.

Classification

Product/ingredient name	OSHA	IARC	NTP
Styrene	-	2B	Reasonably anticipated to be a human carcinogen.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Section 11. Toxicological information

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Not available.

Potential acute health effects

Eye contact : Causes serious eye irritation.
 Inhalation : Harmful if inhaled.
 Skin contact : Causes skin irritation.
 Ingestion : Irritating to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:
 pain or irritation
 watering
 redness
 Inhalation : No specific data.
 Skin contact : Adverse symptoms may include the following:
 irritation
 redness
 Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.
 Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.
 Potential delayed effects : Not available.

Potential chronic health effects

Not available.

General : No known significant effects or critical hazards.
 Carcinogenicity : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
 Mutagenicity : No known significant effects or critical hazards.
 Teratogenicity : No known significant effects or critical hazards.
 Developmental effects : No known significant effects or critical hazards.
 Fertility effects : No known significant effects or critical hazards.

Section 11. Toxicological information

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	2705.8 mg/kg
Inhalation (gases)	2923.2 ppm
Inhalation (vapors)	12.45 mg/l

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Styrene	Acute EC50 1400 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 720 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute EC50 4700 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 52000 µg/l Marine water	Crustaceans - Artemia salina - Nauplii	48 hours
	Acute LC50 4020 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Chronic NOEC 63 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Styrene	0.35	13.49	low

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.







Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere

Section 13. Disposal considerations

inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	Mexico Classification	IMDG	IATA
UN number	UN1866	UN1866	UN1866	UN1866
UN proper shipping name	RESIN SOLUTION (styrene)	RESIN SOLUTION (styrene)	RESIN SOLUTION (styrene)	RESIN SOLUTION (styrene)
Transport hazard class(es)	3 	3  	3  	3 
Packing group	III	III	III	III
Environmental hazards	Yes.	Yes.	Yes.	No.
Additional information	<u>Reportable quantity</u> 3078.7 lbs / 1397.7 kg [294. 22 gal / 1113.7 L] Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.	-	-	-

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according : Not available.
to Annex II of MARPOL
73/78 and the IBC Code

Section 15. Regulatory information

U.S. Federal regulations : TSCA 8(a) PAIR: 4-tert-butylpyrocatechol
 TSCA 8(a) CDR Exempt/Partial exemption: Not determined
 United States inventory (TSCA 8b): All components are listed or exempted.
 Clean Water Act (CWA) 307: Naphthenic acids, copper salts
 Clean Water Act (CWA) 311: styrene; styrene

Clean Air Act Section 112 : Listed
 (b) Hazardous Air
 Pollutants (HAPs)

Clean Air Act Section 602 : Not listed
 Class I Substances

Clean Air Act Section 602 : Not listed
 Class II Substances

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Fire hazard
 Immediate (acute) health hazard
 Delayed (chronic) health hazard

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	styrene	100-42-5	32.48
Supplier notification	styrene	100-42-5	32.48

State regulations

Massachusetts : The following components are listed: STYRENE MONOMER; STYRENE MONOMER
 New York : The following components are listed: Styrene; Styrene
 New Jersey : The following components are listed: STYRENE MONOMER; BENZENE, ETHENYL-;
 STYRENE MONOMER; BENZENE, ETHENYL-
 Pennsylvania : The following components are listed: BENZENE, ETHENYL-; BENZENE, ETHENYL-

International regulations

International lists : Australia inventory (AICS): All components are listed or exempted.
 China inventory (IECSC): All components are listed or exempted.
 Japan inventory: Not determined.
 Korea inventory: All components are listed or exempted.
 Malaysia Inventory (EHS Register): Not determined.
 New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.
 Philippines inventory (PICCS): Not determined.
 Taiwan inventory (CSNN): All components are listed or exempted.
 Canada inventory : All components are listed or exempted.

Section 16. Other information

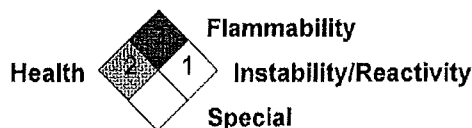
Hazardous Material Information System (U.S.A.)

Health	2
Flammability	3
Physical hazards	1

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)



Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

History

Date of printing	: 6/5/2015.
Date of issue/Date of revision	: 6/5/2015.
Date of previous issue	: 6/1/2015.
Version	: 5
Prepared by	Health, Safety and Environmental Department
Email	: For questions regarding the SDS contact: iasafety@ip-corporation.com
Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations

References : OSHA Hazard Communication Standard, March 2012 (29 CFR 1910.1200)

▮ Indicates information that has changed from previously issued version.

Notice to reader

Section 16. Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

To whom it may concern,

CIPP Corporation along with Interplastics Corporation have established a proprietary Isophthalic Polyester resin formula in conjunction with an adjusted catalyst system for use with a steam cure Cured in Place Pipelining. This has been tested extensively in combination with Applied Felts fabric pipelining material and has yielded physical properties that far exceed the parameters of ASTM F1216-98.

The procedure for cure is as delineated in ASTM F1216-98 section 7.6.2 through 7.7. Cool down is accomplished while under pressure with air, water or a combination of the two.

Initial pressure is equivalent to Ideal Inversion Water Column Head divided by 2.3 (PSI), as pressure is induced, the liner takes on the shape of the pipeline and forms dimples at service laterals, once the liner is up to predetermined pressure a combination of steam and compressed air is introduced at approximately 195 - 210 degrees Fahrenheit on a continuous basis until a cure is effected evidenced by an exothermic reaction monitored on the opposite end of the pipeline being rehabilitated. This must be measured between the liner and the host pipe approximately 2 feet in and on the bottom. Once an exotherm is realized the heat being delivered is raised to a level of approximately 230 degrees F for a 15 minute period to act as a post cure.

This process is approved for laminates from 4.5mm thickness to 12mm thickness.

Kaleel Rahim
Interplastics Corporation



CoREZYN	Silmar	Distributor Network	Product Applications	Literature	Material Safety Data Sheets	Resin Wizard	Industry Leadership
-------------------------	------------------------	-------------------------------------	--------------------------------------	----------------------------	---	------------------------------	-------------------------------------

Scholarships



Interplastic Thermoset Resins Division

Interplastic's Thermoset Resins Division is the leading manufacturer of unsaturated polyester, vinyl ester and specialty resins, gel coats, and colorants under the CoREZYN® and Silmar® brand names for the composites, cast polymer, and solid surface industries. All CoREZYN and Silmar products are sold direct and through our extensive network of Distributors in North America and around the world.

All Thermoset Resins Division manufacturing facilities and research and development laboratories are ISO 9001:2000 certified.

To find out more about CoREZYN, [click here](#).



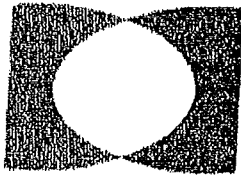
INTERPLASTIC CORPORATION
Thermoset Resins Division

To find out more about Silmar, [click here](#).



INTERPLASTIC CORPORATION
Thermoset Resins Division





INTERPLASTIC CORPORATION
Thermoset Resins Division

1225 Willow Lake Boulevard
Saint Paul, Minnesota 55110-5145
(651) 481-6860 Fax (651) 481-9836

October 23, 2009

CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Interplastic Corporation manufactures a line of cured-in-place pipe (CIPP) resins for the pipeline renovation industry. We have been manufacturing this line of products for over twenty five (25) years. Interplastic Corporation is currently an ISO 9001 and an ISO 14001 certified resin manufacturer.

CIPP resins produced by Interplastic Corporation and used by American Infrastructure Technologies Corporation in their pipeline renovation business meet the parameters found in ASTM F1216, ASTM D5813, and ASTM F1743.

Sincerely,

Kaleel Rahaim

Kaleel Rahaim
Business Manager Remediation Polymers
Thermoset Resins Division

ABS Quality Evaluations

Certificate Of Conformance

This is to certify that the Quality Management System of:

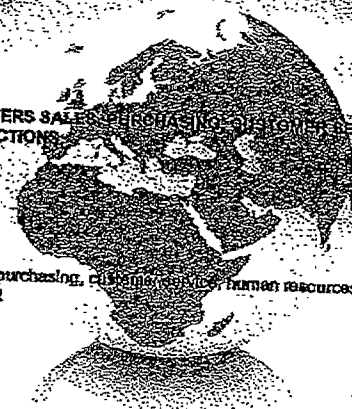
Interplastic Corporation
2015 NE Broadway St
Minneapolis, MN 55447
U.S.A.

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by
ISO 9001:2008

The Quality Management System is applicable to:

THE DESIGN AND MANUFACTURE OF UNSATURATED POLYESTER RESINS INCLUDING CORPORATE HEADQUARTERS SALES, PURCHASING, CUSTOMER SERVICE, HUMAN
RESOURCES AND MANAGEMENT INFORMATION SYSTEMS FUNCTIONS

Activity: HQs, sales, purchasing, customer service, human resources and
management



Certificate No:
Effective Date:
Expiration Date:
Issue date:

48734
18 October 2011
25 June 2014
10 October 2011

Alex Weisselberg, President

Validity of this certificate is based on the periodic audits of the management system defined by the above scope and is contingent upon prompt, written
notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.

ABS Quality Evaluations, Inc. 16855 Northchase Drive, Houston, TX 77060, U.S.A.
Validity of this certificate may be confirmed at www.abs-qe.com/cert_validation.

Copyright 2011 ABS Quality Evaluations, Inc. All rights reserved.



ABS Quality Evaluations

Certificate Of Conformance

This is to certify that the Quality Management System of:

Interplastic Corporation
5019 Hunt Street Mid America Industrial Park
Pryor, OK 74361
U.S.A.

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:
ISO 9001:2008

The Quality Management system is applicable to:

DESIGN AND MANUFACTURE OF UNSATURATED POLYESTER RESINS, VINYL RESINS, GEL COAT PUTTY AND COLORANT

Certificate No:

46173

Effective Date:

12 December 2011

Expiration Date:

11 December 2014

Issue date:

12 December 2011



Alex Weisselberg, President



Validity of this certificate is based on the periodic audits of the management system defined by the above scope and is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.

Copyright 2011 ABS Quality Evaluations, Inc. All rights reserved.

ABS Quality Evaluations, Inc. 16855 Northchase Drive, Houston, TX 77060, U.S.A.
Validity of this certificate may be confirmed at www.abs-qe.com/cert_validation.

ABS Quality Evaluations

Certificate Of Conformance

This is to certify that the Quality Management System of:

Interplastic Corporation

Thermoset Resin Division

3535 Latonia Avenue

Fort Wright, KY 41015

U.S.A.

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:

ISO 9001:2008

The Quality Management System is applicable to:

DESIGN AND MANUFACTURE OF UNSATURATED POLYESTER RESINS, INCLUDING FILM AND SHEET

Certificate No:

46087

Effective Date:

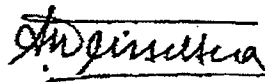
27 June 2011

Expiration Date:

26 June 2014

Issue date:

27 June 2011



Alex Weisselberg, President



Validity of this certificate is based on the periodic audits of the management system defined by the above scope and is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.

ABS Quality Evaluations, Inc. 16835 Northchase Drive, Houston, TX 77060, U.S.A.
Validity of this certificate may be confirmed at www.abs-qe.com/cert_validation.

Copyright 2011 ABS Quality Evaluations, Inc. All rights reserved.

ABS Quality Evaluations

Certificate Of Conformance

This is to certify that the Quality Management System of:

Interplastic Corporation
12335 South Van Ness Avenue
Hawthorne, CA 90250
U.S.A.

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:
ISO 9001:2008

The Quality Management System is applicable to:

DESIGN AND MANUFACTURE OF UNSATURATED POLYESTER RESINS, RESINS, GEL COATS AND GEL COAT

Certificate No:

Effective Date:

Expiration Date:

Issue date:

-47049

06 March 2012

05 March 2015

06 March 2012



Alex Weisselberg, President



Validity of this certificate is based on the periodic audits of the management system defined by the above scope and is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.

Copyright 2011 ABS Quality Evaluations, Inc. All rights reserved.

ABS Quality Evaluations, Inc. 16855 Northchase Drive, Houston, TX 77060, U.S.A.
Validity of this certificate may be confirmed at www.abs-qe.com/cert_validation.

ABS Quality Evaluations

Certificate Of Conformance

This is to certify that the Quality Management System of:

Interplastic Corporation
Vadnais Plant
1219 Willow Lake Blvd
Vadnais Heights, MN 55110
U.S.A.

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by
ISO 9001:2008

The Quality Management System is applicable to:

THE DESIGN AND MANUFACTURE OF GEL COATS AND COLORANTS INCLUDING CORPORATE HEADQUARTERS SALES, PURCHASING, CUSTOMER SERVICE, HUMAN RESOURCES
AND MANAGEMENT INFORMATION SYSTEMS FUNCTIONS

Activity:

Certificate No:
Certification Date:
Effective Date:
Expiration Date:
Issue date:

46737
11 October 2011
09 November 2011
08 November 2014
09 November 2011

Alex Weisselberg, President

Validity of this certificate is based on the periodic audits of the management system defined by the above scope and is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.

ABS Quality Evaluations, Inc. 16855 Northchase Drive, Houston, TX 77060, U.S.A.
Validity of this certificate may be confirmed at www.abs-qe.com/cert_validation.

Copyright 2011 ABS Quality Evaluations, Inc. All rights reserved.



ABS Quality Evaluations

Certificate Of Conformance

This is to certify that the Quality Management System of:

Interplastic Corporation

Kent Blend Plant

22237 76th Ave South

Kent, WA 98032

U.S.A.

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:

ISO 9001:2008

The Quality Management System is applicable to:

MANUFACTURING OF THE BLENDING OF UNSATURATED POLYESTER THERMOSET RESIN FOR PARTICULAR APPLICATIONS

Certificate No:

46090

Certification Date:

15 August 2011

Effective Date:

14 May 2012

Expiration Date:

21 May 2015

Issue date:

14 May 2012

Alex Weisselberg, President



Validity of this certificate is based on the periodic audits of the management system defined by the above scope and is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.

ABS Quality Evaluations, Inc. 16855 Northchase Drive, Houston, TX 77060, U.S.A.
Validity of this certificate may be confirmed at www.abs-qe.com/cert_validation.

ABS Quality Evaluations

Certificate Of Conformance

This is to certify that the Quality Management System of:

Interplastic Corporation
Molding Products Division
1545 S. Olive St.
South Bend, IN 46619
U.S.A.

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:

ISO 9001:2008

The Quality Management System is applicable to:

THE DESIGN AND MANUFACTURE OF POLYESTER AND VINYLESTER SHEET MOLDING COMPOUND

Certificate No:
Certification Date:
Effective Date:
Expiration Date:
Issue date:

46242
19 July 2011
30 May 2012
31 May 2015
30 May 2012



Alex Weisselberg, President



Validity of this certificate is based on the periodic audits of the management system defined by the above scope and is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.

Copyright 2011 ABS Quality Evaluations, Inc. All rights reserved.

ABS Quality Evaluations, Inc. 16855 Northchase Drive, Houston, TX 77060, U.S.A.
Validity of this certificate may be confirmed at www.abs-qe.com/cert_validation.



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256) 737-1871

E-Mail: aite@aitechcorp.com

Website: www.aitechcorp.com

C.I.P.P. DESIGN CONSIDERATIONS

DESIGN CONSIDERATIONS

1. Terminology

1.1. Partially deteriorated pipe

- 1.1.1. The original pipe can support the soil and surcharge loads throughout the design life of the rehabilitated pipe.
- 1.1.2. The soil adjacent to the existing pipe must provide adequate side support.
- 1.1.3. The pipe may have longitudinal cracks and up to 10.0% distortion of the diameter. If the distortion of the diameter is greater than 10.0%, alternative design methods are required.

1.2. Fully deteriorated pipe

- 1.2.1. The original pipe is not structurally sound and cannot support soil and live loads nor is expected to reach this condition over the design life of the rehabilitated pipe.
- 1.2.2. This condition is evident when sections of the original pipe are missing, the pipe has lost its original shape, or the pipe has corroded due to the effects of the fluid, atmosphere, soil, or applied loads.

2. Gravity Pipe

2.1. Partially Deteriorated Gravity Pipe Condition

- 2.1.1. The CIPP is designed to support the hydraulic loads due to groundwater, since the soil and surcharge loads can be supported by the original pipe. The groundwater level should be determined by the purchaser and the thickness of the CIPP should be sufficient to withstand this hydrostatic pressure without collapsing. The following equation may be used to determine the thickness required:

$$P = \frac{2KE_L}{(1-\nu^2)} \times \frac{1}{(SDR-1)^3} \times \frac{C}{N} \quad (\text{eq\#1})$$

where:

- P = groundwater load, psi (MPa),
- K = enhancement factor of the soil and existing pipe adjacent to the new pipe (a minimum value of 7.0 is recommended where there is full support of the existing pipe)
- E_L = long-term (time corrected) modulus of elasticity for CIPP, psi (MPa) (see note #1)
- ν = Poisson's ratio (0.3 average)
- SDR = standard dimension ratio of CIPP
- C = Ovality Reduction Factor = $\left\{ \frac{(1-q/100)}{(1+q/100)^2} \right\}^3$ (eq #2)
- Q = Percentage ovality of original pipe

$$= 100 \times \frac{(\text{Mean Inside Diameter} - \text{Minimum Inside Diameter})}{\text{Mean Inside Diameter}}$$
- or

$$= 100 \times \frac{(\text{Maximum Inside Diameter} - \text{Mean Inside Diameter})}{\text{Mean Inside Diameter}}$$
- N = factor of safety

C.I.P.P. Corporation
Engineering

note #1 The choice of value (from manufacturer's literature) of E_L will depend on the estimated duration of the application of the load, P , in relation to the design life of the structure. For example, if the total duration of the load, P , is estimated to be 50 years, either continuously applied, or the sum of intermittent periods of loading, the appropriately conservative choice of value for E_L will be that given for 50 years of continuous loading at the maximum ground or fluid temperature expected to be reached over the life of the structure.

note #2 If there is no groundwater above the pipe invert, the CIPP should typically have a maximum SDR of 100, dependent upon design conditions.

- 2.1.2. If the original pipe is oval, the CIPP design from equation #1 shall have a minimum thickness as calculated by the following formula:

$$1.5 q/100(1+q/100)SDR^2 - 0.5(1+q/100)SDR = \alpha_L/PN \quad (\text{eq \#3})$$

where:

α_L = long-term (time corrected) flexural strength for CIPP, psi (MPa) (see note #5)

- 2.1.3. See Table A for typical design calculations

2.2. Fully Deteriorated Gravity Pipe Conditions

- 2.2.1. The CIPP is designed to support hydraulic, soil, and live loads. The ground water level, soil type and depth, and live load should be determined by the purchaser, and the following equation should be used to calculate the CIPP thickness required to withstand these loads without collapsing:

$$-q_t = C/N[32R_w B^1 E_s^1 (E_L/D^3)]^{1/2} \quad (\text{eq \#4})$$

where:

q_t = total external pressure on pipe, psi (MPa)
 R_w = water buoyancy factor (0.67 min) = $1 - 0.33 (H_w/H)$
 H_w = height of water above top of pipe, ft(m)
 H = height of soil above top of pipe, ft(in)
 B^1 = coefficient of elastic support = $1/(1 + 4e^{-0.065H})$ inch-pound units, $(1/(1 + 4e^{-0.213H}))$ SI units
 I = moment of inertia of CIPP, in.⁴/in. (mm⁴/mm) - $t^3/12$
 t = thickness of CIPP, in.(mm)
 C = ovality reduction factor (see 2.1.1.)
 N = factor of safety
 E_s^1 = modulus of soil reaction, psi (MPa) (see Note #4)
 E_L = long-term modulus of elasticity for CIPP, psi (MPa)
 D = mean inside diameter of original pipe, in.(mm)

- 2.2.1.1. The CIPP design from equation #4 should have a minimum thickness as calculated by the following formula:

$$E/D^3 = E/12(SDR)^3 \geq 0.093 \text{ (inch-pound units)} \quad (\text{eq \#5})$$

or

$$E/12(SDR)^3 \geq 0.00064 \text{ (SI units)} \quad (\text{eq \#6})$$

where:

E = Initial modulus of elasticity, psi (MPa)

note #3 Finite element analysis is an alternative design method for non-circular pipes.

note #4 For definition of modulus of soil reaction, see Practice D 3839.

C.I.P.P. Corporation
Engineering

- 2.2.2. The minimum CIPP design thickness for a fully deteriorated condition should also meet the requirements of eq #1 and eq #3.

3. Pressure Pipe

3.1. Partially Deteriorated Pressure Condition

- 3.1.1. A CIPP installed in an existing underground pipe is designed to support external hydrostatic loads due to groundwater as well as withstand the internal pressure in spanning across any holes in the original pipe wall. The results of eq #1 are compared to those from eq #8 or eq #9, as directed by eq #7, and the largest of the thicknesses is selected. In an above-ground design condition, the CIPP is designed to withstand the internal pressure only by using eq #7, eq #8, and eq #9 as applicable.

- 3.1.1.1. If the ratio of the hole in the original pipe wall to the pipe diameter does not exceed the quantity shown in eq #7, then the CIPP is assumed to be a circular flat plate fixed at the edge and subjected to transverse pressure only. In this case, eq #8 is used for design. For holes larger than the d/D value in eq #7, the liner cannot be considered in flat plate loading, but rather in ring tension or hoop stress, and eq #9 is used.

$$d/D \leq 1.83 (t/D)^{1/4} \quad (\text{eq \#7})$$

where:

d = diameter of hole or opening in original pipe wall, in.(mm)
D = mean inside diameter of original pipe, in.(mm)
t = thickness of CIPP, in.(mm)

$$P = 5.33 / (\text{sdr} - 1)^2 (D/d)^2 \sigma_L / N \quad (\text{eq \#8})$$

where:

SDR = standard dimension ratio of CIPP
D = mean inside diameter of original pipe, in. (mm)
d = diameter of hole or opening in original pipe wall, in. (mm)
 σ_L = long-term (time corrected) flexural strength for CIPP, psi (MPa) (see note #5)
N = factor of safety

note #5 The choice of value (from manufacturer's literature) of σ_L will depend on the estimated duration of the application of the load, P, in relation to the design life of the structure. For example, if the total duration of the load, P, is estimated to be 50 years, either continuously applied, or the sum of intermittent periods of loading, the appropriately conservative choice of value of σ_L will be that given for 50 years of continuous loading at the maximum ground or fluid temperature expected to be reached over the life of the structure.

C.I.P.P. Corporation
Engineering

3.2. Fully Deteriorated Pressure Pipe Condition

3.2.1. A CIPP to be installed in an underground condition is designed to withstand all external loads and the full internal pressure. The design thicknesses are calculated from eq #1, #4, #5, and #9, and the largest thickness is selected. If the pipe is above ground, the CIPP is designed to withstand internal pressure only by using eq #9.

$$P = 2\sigma_{TL} / (SDR - 2)N \quad (\text{eq \#9})$$

where:

P = internal pressure, psi (MPa)
 σ_{TL} = long-term (time corrected) tensile strength for CIPP, psi (MPa) (see note #6)
 SDR = standard dimension ratio of CIPP
 N = factor of safety

note #6 The choice of value (from manufacturer's literature) of σ_{TL} will depend on the estimated duration of the application of the load, P, in relation to the design life of the structure. For example, if the total duration of the load, P, is estimated to be 50 years, either continuously applied or the sum of intermittent periods of loading, the appropriately conservative choice of value of σ_{TL} will be that given for 50 years of continuous loading at the maximum ground or fluid temperature expected to be reached over the life of the structure.

3.3. Negative Pressure

3.3.1. Where the pipe is subject to a vacuum, the CIPP should be designed as a gravity pipe with the external hydrostatic pressure increased by an amount equal to the negative pressure.

3.4. Table A

3.4.1. presents maximum groundwater loads for partially deteriorated pipes for selected typical nominal pipe sizes. CIPP is custom made to fit the original pipe and can be fabricated to a variety of sizes from 4 to 96-in. diameter which would be impractical to list here.

TABLE A
Maximum Groundwater Loads for Partially
Deteriorated Gravity Pipe Condition

Diameter (Inside Dia. of Original Pipe)	Nominal CIPP Thickness	CIPP Thickness	Maximum Allowable Groundwater Load ^A (above invert)	
			ft.	m
8	6	0.238	40.00	12.2
10	6	0.238	20.10	6.1
12	6	0.238	11.50	3.5
15	9	0.354	20.10	6.1
18	9	0.354	11.50	3.5
18	12	0.472	27.80	8.5
24	12	0.472	11.50	3.5
24	15	0.591	22.80	6.9
30	15	0.591	11.50	3.5
30	18	0.709	20.10	6.1

^A Assumed $X = 7.0$, $\theta = 125,000 \text{ PSI}$ (682 MPa) (50-year average), $\gamma = 0.30$,
 $C = 0.54$ (5% probability), and $N = 2.0$

4. CHEMICAL RESISTANCE TESTS

4.1. Scope

4.1.1. This appendix covers the test procedures for chemical-resistance properties of CIPP. Minimum standards are presented for standard domestic sewer applications.

4.2. Procedure for Chemical-Resistance Testing

4.2.1. Chemical resistance tests should be completed in accordance with Test Method D 543. Exposure should be for a minimum of one month at 73.4°F (230C). During this period, the CIPP test specimens should lose no more than 20% of their initial flexural strength and flexural modulus when tested in accordance with Tests Methods D 790.

4.3. Table B

4.3.1. Table B presents a list of chemical solutions that serve as a recommended minimum requirement for the chemical-resistant properties of CIPP in standard domestic sanitary sewer applications.

TABLE B
Minimum Chemical Resistance Requirements for
Domestic Sanitary Sewer Applications

Tap Water (pH 6-9)	100
Nitric Acid	5
Phosphoric Acid	10
Sulfuric Acid	10
Gasoline	100
Vegetable Oil	100
Detergent	0.1
Soap	0.1

4.3.2. For applications other than standard domestic sewage, it is recommended that chemical-resistance tests be conducted with actual samples of the fluid flowing in the pipe. These tests can also be accomplished by depositing CIPP test specimens in the active pipe.



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitec@aitechcorp.com

Website: www.aitechcorp.com

C.I.P.P. PIPE SPECIFICATIONS

CIPP PIPE SPECIFICATIONS

I. Scope

- A. This practice describes the procedures for the reconstruction of pipelines and conduits (4 to 96-in. diameter) by the installation of a resin-impregnated, flexible tube which is inverted into the existing conduit by use of a hydrostatic head or air pressure or a combination of each. The resin is cured by circulating hot water within the tube or by the calibrated introduction of steam. When cured, the finished pipe will be continuous and tight-fitting. This reconstruction process can be used in a variety of gravity and pressure applications such as sanitary sewers, storm sewers, process piping, electrical conduits, and ventilation systems.
- B. The values stated in inch-pound units are to be regarded as the standard. The values given in parentheses are for information only.
- C. This standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

II. Referenced Documents

A. ASTM Standards:

- 1. D 543 Test Method for Resistance of Plastics to Chemical Reagents
- 2. D 638 Test Method for Tensile Properties of Plastics
- 3. D 790 Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Material
- 4. D 903 Test Method for Peel or Stripping Strength of Adhesive Bonds
- 5. D 1600 Terminology for Abbreviated Terms Relating to Plastics
- 6. D 3839 Practice of Underground Installation of Fiberglass (Glass-Fiber-Reinforced Thermosetting Resin) Pipe
- 7. F 1216 Terminology Relating to Plastic Piping Systems

B. AWWA Standard

- 1. Manual on Cleaning and Lining Water Mains, M28

C. NASSCO Standard

- 1. Recommended Specifications for Sewer Collection Systems

C.I.P.P. Corporation
Specifications

III. Terminology

A. Definitions

1. Definitions are in accordance with Terminology ASTM F1216 and abbreviations are in accordance with Terminology ASTM D1600, unless otherwise specified.

B. Cured-In-place pipe (CIPP)

1. A hollow cylinder containing a non woven or a woven material, or a combination of non woven and woven material surrounded by a cured thermosetting resin.
 - (a) Plastic coatings may be included. This pipe is formed within an existing pipe. Therefore, it takes the shape of and fits tightly to the existing pipe.

C. Inversion

1. The process of turning the resin-impregnated tube inside out by the use of water pressure or air pressure.

D. Lift

1. A portion of the CIPP that has cured in a position such that it has pulled away from the existing pipe wall.

IV. Significance and Use

- A. This practice is for use by designers and specifiers, regulatory agencies, owners and inspection organizations who are involved in the rehabilitation of conduits through the use of resin-impregnated tube inverted through the existing conduit. As for any practice, modifications may be required for specific job conditions.

V. Materials

A. Tube

1. The tube should consist of one or more layers of flexible needled felt or an equivalent non woven material, or a combination of non woven and woven materials, capable of carrying resin, withstanding installation pressures and curing temperatures.
 - (a) The tube should be compatible with the resin system used.
 - (b) The material should be able to stretch to fit irregular pipe sections and negotiate bends.
 - (c) The outside layer of the tube should be plastic coated with a material that is compatible with the resin system used.
2. The tube should be fabricated to a size that, when installed, will tightly fit the internal circumference and the length of the original conduit.
 - (a) Allowance should be made for circumferential stretching during inversion.
3. The tube thickness shall be specified by the owner utilizing pipe conditions and engineering formulas listed in ASTM F 1216-03.

C.I.P.P. Corporation
Specifications

TABLE I
CIPP Initial Structural Properties

Property	Test Method	Minimum Value	
		psi	(Mpa)
Flexural Strength	D 790	4,500	(31)
Flexural Modulus	D 790	400,000	(2,755)
Tensile Strength (for pressure pipes only)	D 638	3,000	(21)

B. Resin

1. A general purpose, unsaturated, styrene based, thermoset resin and catalyst system that is compatible with the inversion process should be used.
2. The resin must be able to cure in the presence of water and the initiation temperature for cure should be less than 180°F (82.2°C).
3. The CIPP system can be expected to have as a minimum the initial structural properties given in Table 1.

VI. Installation

A. Cleaning and Inspection

1. Confined Space Entry
 - (a) Prior to entering access areas such as manholes, and performing inspection or cleaning operations, an evaluation of the atmosphere to determine the presence of toxic or flammable vapors or lack of oxygen must be undertaken in accordance with local, state, or federal safety regulations.
2. Cleaning of Pipeline
 - (a) All internal debris should be removed from original pipeline.
 - (b) Gravity pipes should be cleaned with hydraulically powered equipment, high-velocity jet cleaners, or mechanically powered equipment (see NASSCO Recommended Specifications for Sewer Collection System Rehabilitation).
 - (c) Pressure pipelines should be cleaned with cable-attached devices or fluid-propelled devices as shown in AWWA Manual on Cleaning and Lining Water Mains, M28.
3. Inspection of Pipelines
 - (a) Inspection of pipelines should be performed by experienced personnel trained in locating breaks, obstacles, and service connections by closed circuit television or man entry.
 - (b) The interior of the pipeline should be carefully inspected to determine the location of any conditions that may prevent proper installation of the impregnated tube, such as protruding service taps, collapsed or crushed pipe, and reductions in the cross-sectional area of more than 40%. These conditions should be noted so that they can be corrected.

C.I.P.P. Corporation
Specifications

4. Line Obstructions

- (a) The original pipeline should be clear of obstructions such as solids, dropped joints, protruding connections, crushed or collapsed pipe, and reductions in the cross-sectional area of more than 40% that will prevent the insertion of the resin-impregnated tube.
- (b) If inspection reveals an obstruction that cannot be removed by conventional sewer cleaning equipment, then a point repair excavation should be made to uncover and remove or repair the obstruction. The owner should be notified so that appropriate action may take place. Point repairs are not included in this contract.

B. Resin Impregnation

1. The tube should be vacuum impregnated with resin (wet-out) under controlled conditions.
2. The volume of resin used should be sufficient to fill all voids in the tube material at nominal thickness and diameter.
 - (a) The volume should be adjusted by adding 5 to 10% excess resin for the change in resin volume due to polymerization and to allow for any migration of resin into the cracks and joints in the original pipe.

C. Bypassing

1. If bypassing of the flow is required around the sections of pipe designated for reconstruction, the bypass should be made by plugging the line at a point upstream or the pipe to be reconstructed and pumping the flow to a downstream point or adjacent system.
2. The pump and bypass lines should be of adequate capacity and size to handle the flow. Bypass systems should be redundant in case of pump failure and monitored at all times.
3. Services within this reach will be temporarily out of service.
 - (a) Public advisory services will be required to notify all parties whose service laterals will be out of commission and to advise against water usage until the mainline is back in service.

D. Inversion

1. Using Hydrostatic Head
 - (a) The wet-out tube should be inserted through an existing manhole or other approved access by means of an inversion process and the application of hydrostatic head sufficient to fully extend it to the next designated manhole of termination point.
 - (b) The tube should be inserted into the vertical inversion standpipe with the impermeable plastic membrane side out.
 - (c) At the lower end of the inversion standpipe, the tube should be turned inside out and attached to the standpipe so that a leak proof seal is created.
 - (d) The inversion head should be adjusted to be of sufficient height to cause the impregnated tube to invert from point of inversion to point of termination and hold the tube tight to the pipe wall, producing dimples at side connections.
 - (e) Care should be taken during inversion to not over-stress the felt fiber.
2. Top Inversion
 - (a) An alternative method of installation is a top inversion. In this case, the tube is attached to a top ring and is inverted to form a standpipe from the tube itself or another method accepted by the engineer.

C.I.P.P. Corporation
Specifications

3. Using Air Pressure

- (a) The wet-out tube should be inserted through an existing manhole or other approved access by means of an inversion process and the application of air pressure sufficient to fully extend it to the next designated manhole or termination point.
- (b) The tube should be connected by an attachment at the upper end of the guide chute so that a leakproof seal is created and with the impermeable plastic membranes side out.
- (c) As the tube enters the guide chute, the tube should be turned inside out.
- (d) The inversion air pressure should be adjusted to be of sufficient pressure to cause the impregnated tube to invert from point of inversion to point of termination and hold the tube tight to the pipe wall, producing dimples at side connections.
- (e) Care should be taken during the inversion so as not to overstress the woven and non woven materials.

Note - Suitable precautions should be taken to eliminate hazards to personnel in the proximity of the construction when pressured air is being used.

4. Required Pressures

- (a) Before the inversion begins, the tube manufacturer shall provide the minimum pressure required to hold the tube tight against the existing conduit, and the maximum allowable pressure so as not to damage the tube.
- (b) Once the inversion has started, the pressure shall be maintained between the minimum and maximum pressures until the inversion has been completed.
- (c) Should the pressure deviate from within the range of the minimum and maximum pressures, the installed tube shall be removed from the existing conduit.

E. Lubricant

- 1. The use of a lubricant during inversion is recommended to reduce friction during inversion.
- 2. This lubricant should be poured into the inversion water in the down tube or applied directly to the tube.
- 3. The lubricant used should be a nontoxic, oil-based product that has no detrimental effects on the tube or boiler and pump system, will not support the growth of bacteria, and will not adversely affect the fluid to be transported.

C.I.P.P. Corporation
Specifications

Note - The tube manufacturer should provide information on the maximum allowable tensile stress for the tube.

C.I.P.P. Corporation
Specifications

F. Curing

1. Using Circulated Heated Water

- (a) After inversion is completed, a suitable heat source and water re-circulation equipment are required to circulate heated water throughout the pipe.
 - (i) The equipment should be capable of delivering hot water throughout the section to uniformly raise the water temperature above the temperature required to effect a cure of the resin.
 - (ii) The heat source should be fitted with suitable monitors to gauge the temperature of the incoming and outgoing water supply. Another such gauge should be placed between the impregnated tube and the pipe invert at both ends to determine the temperatures during cure.
- (b). Water temperature in the line during the cure period should be as recommended by the resin manufacturer.
- (c). Initial cure will occur during temperature heat-up and is completed when exposed portions of the new pipe appear to be hard and sound and the remote temperature sensor indicates that the temperature is of a magnitude to realize an exotherm or cure in the resin.
- (d). After initial cure is reached, the temperature should be raised to the post-cure temperature recommended by the resin manufacturer.
 - (i) The post-cure temperature should be held for a period as recommended by the resin manufacturer, during which time the re-circulation of the water and cycling of the boiler to maintain temperature continues.
 - (ii) The curing of the CIPP must take into account the existing pipe material, the resin system, and ground conditions (temperature, moisture level, and thermal conductivity of soil).
- (e). Required Pressures
 - (i) Before the curing begins, the pressure required to hold the flexible tube tight against the existing conduit shall be provided by the tube manufacturer.
 - (ii) Once the cure has started and dimpling for laterals is completed, the required pressure shall be maintained until the cure has been completed.
 - (iii) Should the pressure deviate more than 2.3 ft. of water (1 psi) from the required pressure, the installed tube shall be removed from the existing conduit.
 - (iv) If required by the owner, a continuous log of pressure during cure shall be maintained.

C.I.P.P. Corporation
Specifications

2. Using Steam

- (a) After inversion is completed, suitable steam-generating equipment is required to distribute steam throughout the pipe.
 - (i) The equipment should be capable of delivering steam throughout the section to uniformly raise the temperature within the pipe above the temperature required to effect a cure of the resin.
 - (ii) The temperature in the line during the cure period should be as recommended by the resin manufacturer.
- (b) The steam-generating equipment should be fitted with a suitable monitor to gauge the temperature of the outgoing steam.
 - (i) The temperature of the resin being cured should be monitored by placing a gauge between the impregnated tube and the existing pipe at the termination end to determine the temperature during cure.
- (c) Initial cure will occur during temperature heat-up and is completed when exposed portions of the new pipe appear to be hard and sound and the remote temperature sensor indicates that the temperature is of a magnitude to realize an exotherm or cure in the resin.
 - (i) After initial cure is reached, the temperature should be raised to post-cure temperatures recommended by the resin manufacturer.
 - (ii) The post-cure temperature should be held for a period as recommended by the resin manufacturer, during which time the distribution and control of steam to maintain the temperature continues.
 - (iii) The curing of the CIPP must take into account the existing pipe material, the resin system, and ground conditions (temperature, moisture level, and thermal conductivity of soil).

G. Cool-Down

- 1. Using Cool Water After Heated Water Cure
 - (a) The new pipe should be cooled to a temperature below 100°F(38°C) before relieving the static head or air pressure in the inversion standpipe.
 - (b) Cool-down may be accomplished by the introduction of cool water into the inversion standpipe water being drained from a small hole made in the downstream end.
 - (d) Care should be taken in the release of head so that a vacuum will not be developed that could damage the newly installed pipe.
- 2. Using Cool Water After Steam Cure
 - (a) The new pipe should be cooled to a temperature below 113°F(45°C) before relieving the internal pressure within the section.
 - (b) Cool-down may be accomplished by the introduction of cool water into the section to replace the mixture of air and steam being drained from a small hole made in the downstream end.
 - (c) Care should be taken in the release of the air pressure so that a vacuum will not be developed that could damage the newly installed pipe.

C.I.P.P. Corporation
Specifications

H. Workmanship

1. The finished pipe should be continuous over the entire length of an inversion run.
2. If the CIPP does not fit tightly against the original pipe at its termination point(s), the space between the pipes should be sealed by filling with a resin mixture compatible with the CIPP.

VII. Service Connections

A. Reinstatement

1. After the new pipe has been cured in place, the existing active service connections should be reconnected.
 - (a) This should generally be done without excavation, and in the case of non-man entry pipes, from the interior of the pipeline by means of a television camera and a remote-control cutting device.
 - (b) Reinstatements will be to 95% of the original size of lateral connection.

VIII. Inspection and Acceptance

A. Final Inspection

1. The installation may be inspected visually if appropriate, or by closed-circuit television if visual inspection cannot be accomplished.
2. Variations from true line and grade may be inherent because of the conditions of the original piping.
3. No infiltration of groundwater should be observed.
4. All service entrances should be accounted for and be unobstructed.



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitec@aitechcorp.com

Website: www.aitechcorp.com

INSTALLATION PROCESS

INSTALLATION PROCEDURES

A. Cleaning and Inspection

1. **Confined Space Entry**
 - (a) Prior to entering access areas such as manholes, and performing inspection or cleaning operations, an evaluation of the atmosphere to determine the presence of toxic or flammable vapors or lack of oxygen must be undertaken in accordance with local, state, or federal safety regulations.
2. **Cleaning of Pipeline**
 - (a) All internal debris should be removed from the original pipeline.
 - (b) Gravity pipes should be cleaned with hydraulically powered equipment (see NASSCO Recommended Specifications for Sewer Collection System Rehabilitation).
 - (c) Pressure pipelines should be cleaned with cable-attached devices or fluid-propelled devices as shown in AWWA Manual on Cleaning and Lining Water Mains, M28.
3. **Inspection of Pipelines**
 - (a) Inspection of pipelines should be performed by experienced personnel trained in locating breaks, obstacles, and service connections by closed circuit television or man entry.
 - (b) The interior of the pipeline should be carefully inspected to determine the location of any conditions that may prevent proper installation of the impregnated tube, such as protruding service taps, collapsed or crushed pipe, and reductions in the cross-sectional area of more than 40%. These conditions should be noted so that they can be corrected.
4. **Line Obstructions**
 - (a) The original pipeline should be clear of obstructions such as solids, dropped joints, protruding service connections, crushed or collapsed pipe, and reduction in the cross-sectional area of more than 40% that will prevent the insertion of the resin-impregnated tube.
 - (b) If inspection reveals an obstruction that cannot be removed by conventional sewer cleaning equipment, then a point repair excavation should be made to uncover and remove or repair the obstruction.

B. Resin Impregnation

1. The tube should be vacuum impregnated with resin (wet-out) under controlled conditions.
2. The volume of resin used should be sufficient to fill all voids in the tube material at

C.I.P.P. Corporation
Installation

nominal thickness and diameter.

- (a) The volume should be adjusted by adding 5-10% excess resin for the change in resin volume due to polymerization and to allow for any migration of resin into the cracks and joints in the original pipe.

C. Bypassing

1. If bypassing of the flow is required around the sections of pipe designated for reconstruction, the bypass should be made by plugging the line at a point upstream of the pipe to be reconstructed and pumping the flow to a downstream point or adjacent system.
2. The pump and bypass lines should be of adequate capacity and size to handle the flow.
3. Services within this reach will be temporarily out of service.
 - (a) Public advisory services will be required to notify all parties whose service laterals will be out of commission and to advise against water usage until the mainline is back in service.

D. Inversion

1. **Using Hydrostatic Head**
 - (a) The wet-out tube should be inserted through an existing manhole or other approved access by means of an inversion process and the application of hydrostatic head sufficient to fully extend it to the next designated manhole or termination point.
 - (b) The tube should be inserted into the vertical inversion standpipe with the impermeable plastic membrane side out.
 - (c) At the lower end of the inversion standpipe, the tube should be turned inside out and attached to the standpipe so that a leak proof seal is created.
 - (d) The inversion head should be adjusted to be of sufficient height to cause the impregnated tube to invert from point of inversion to point of termination and hold the tube tight to the pipe wall, producing dimples at side connections.
 - (e) Care should be taken during the inversion so as not to over-stress the felt fiber.
2. **Top Inversion**
 - (a) An alternative method of installation is a top inversion. In this case, the tube is attached to a top ring and is inverted to form a standpipe from the tube itself or another method accepted by the engineer.
3. **Required Pressures**
 - (a) Before the inversion begins, the tube manufacturer shall provide the minimum pressure required to hold the tube tight against the existing conduit, and the maximum allowable pressure so as not to damage the tube.
 - (b) Once the inversion has started, the pressure shall be maintained between the minimum and maximum pressures until the inversion has been completed.
 - (c) Should the pressure deviate from within the range of the minimum and maximum

C.I.P.P. Corporation
Installation

pressures, the installed tube shall be removed from the existing conduit.

C.I.P.P. Corporation
Installation

E. Lubricant

1. The use of a lubricant during inversion is recommended to reduce friction during inversion.
2. This lubricant should be poured into the inversion water in the down tube or applied directly to the tube.
3. The lubricant used should be a nontoxic, oil-based product that has no detrimental effects on the tube or boiler and pump system, will not support the growth of bacteria, and will not adversely affect the fluid to be transported.

F. Curing

1. After inversion is completed, a suitable heat source and water re-circulation equipment are required to circulate heated water throughout the pipe.
 - (a) The equipment should be capable of delivering hot water throughout the section to uniformly raise the water temperature above the temperature required to effect a cure of the resin.
 - (b) The heat source should be fitted with suitable monitors to gauge the temperature of the incoming and outgoing water supply. Another such gauge should be placed between the impregnated tube and the pipe invert at the termination to determine the temperatures during cure.
2. Water temperature in the line during the cure period should be as recommended by the resin manufacturer.
3. Initial cure will occur during temperature heat-up and is completed when exposed portions of the new pipe appear to be hard and sound and the remote temperature sensor indicates that the temperature is of a magnitude to realize an exotherm or cure in the resin.
4. After initial cure is reached, the temperature should be raised to the post-cure temperature recommended by the resin manufacturer.
 - (a) The post-cure temperature should be held for a period as recommended by the resin manufacturer, during which time the re-circulation of the water and cycling of the boiler to maintain temperature continues.
 - (b) The curing of the CIPP must take into account the existing pipe material, the resin system, and ground conditions (temperature, moisture level, and thermal conductivity of soil).
5. Required Pressures
 - (a) Before the curing begins, the pressure required to hold the flexible tube tight against the existing conduit shall be provided by the tube manufacturer.
 - (b) Once the cure has started and dimpling for laterals is completed, the required pressure shall be maintained until the cure has been completed.
 - (c) Should the pressure deviate more than 2.3 ft. of water (1 psi) from the required pressure, the installed tube shall be removed from the existing conduit.
 - (d) If required by the owner, a continuous log of pressure during cure shall be maintained.

C.I.P.P. Corporation
Installation

G. Cool-Down

1. Using Cool Water After Heated Water Cure
 - (a) The new pipe should be cooled to a temperature below 100°F(38°C) before relieving the static head in the inversion standpipe.
 - (b) Cool-down may be accomplished by the introduction of cool water into the inversion standpipe water being drained from a small hole made in the downstream end.
 - (c) Care should be taken in the release of head so that a vacuum will not be developed that could damage the newly installed pipe.

H. Service Connections

1. Reinstatement
 - (a) After the new pipe has been cured in place, the existing active service connections should be reconnected. This should generally be done without excavation, and in the case of non-man entry pipes, from the interior of the pipeline by means of a television camera and a remote-control cutting device.



*American Infrastructure
Technologies Corporation
Shall implement the highest standards
of the construction industry*

Corporate Headquarters

8799 Highway 31
Hanceville, AL 35077

Phone : (256) 739-4747

Fax : (256)-737-1871

E-Mail: aitec@aitechcorp.com

Website: www.aitechcorp.com

STEAM CURE PROCESS

CIPP Corporation Steam Cure Procedures

The steam cure process and the amount of heat that can be delivered to a pipeline during the curing process is directly proportional to the amount of air that is being introduced simultaneously. Thickness and Diameter of the pipe also make a difference, as the resin during exotherm may approach styrene boiling temperature (293 F) due to mass in the thicker laminates causing blisters in the coating of the pipeliner. This is also effected by the type of pipe that is being lined. PVC pipe is quite insulative and requires great caution with large amounts of air as well as a lower heating rate and temperature. Different times of the year also make a difference as the ground temperature may change during a spring thaw, or pipelines exposed to extreme temperatures. If there is excessive infiltration a preliner of polyethylene must be used in advance of inverting the wet out liner. This not only protects the wet out liner from the water but also helps in containing the heat necessary to overcome the cooling effects of the running water.

The amount of air that is utilized determines the amount of time a pipe can be cured without the danger of blisters in the coating. The air serves two functions, one being the delivery of the heat to the uncured pipe and cooling of the resin as it begins heating itself exothermically.

A calculation of the speed in which the heated air travels through the pipeline is an important consideration. ~~See attached excel spread sheet~~. As you can see, as long as you have enough Boiler horsepower as well as a high volume of air, cure speed is limitless. If the speed of the air is less than 2 MPH the potential for blistering will occur therefore the temperature must be lowered. This air is crucial in removing the chemical energy heat created to avoid boils. The more air you have the faster you can cure a liner.

There is far more energy in Hot water than there is in Steam, so consideration to the amount of energy needed is important, especially if there are sags or areas where water lies in the bottom of the pipeline. However pipeliners can be processed very successfully achieving peak physical properties unattainable through hot water processing. CIPP Corporation certifies successful liners from 4" to 42" in thicknesses from 3 mm to 12 mm.

A close log of temperatures and times must be kept with each liner. A **Steam Cure Record** sheet is also attached.

While curing a liner it should be compared to building a bridge, 1 foot at a time, the further out you build the less time it takes because the degradation of the Catalyst system is taking place as the temperature rises in direct proportion to time heating. Because of this time lag, through extensive temperature reporting, the less reactive the resin is near the "B" station.

Although some have cured liners by blowing steam upstream to the "B" station, best results will be obtained by shooting the steam downstream. Steam gives off its energy when it condenses, if steam has to be blown through water such as is the case with blowing it upstream, this is constantly cooling and condensing the steam as well as adding a tremendous amount of time to the cure. Blowing upstream also provides for a very uncontrollable pressure surge within the pipeline due to water purging which occurs near the end of the cure cycle. **Peak temperatures necessary for complete cure and top physical properties is not attainable in this manner.**

With all this in mind the process begins as below:

1. Once bulkheads and hose connections are installed at each end of the liner and a temperature probe is placed under the liner at the B station. The liner is inflated carefully to the pressure as listed below the maximum amount of air deliverable should be used. All control of pressure should take place at the B station as this will allow the maximum amount of air flow to be utilized in the curing process. A water purging hole or a liner bleeder is installed to remove condensate and excess water at the lower end. This will allow all water to be purged during the curing process, if water exists in the bottom of the liner an inadequate cure or the possibility of lifts will occur. **The CIPP Steam Process Sheet** should be filled out with the appropriate data and updated every 5 minutes.

6" x 4.5 mm	11 PSI
8" x 5 mm	10 PSI
8" x 6 mm	9 PSI
10" x 6 mm	8 PSI
10" x 7.5 mm	9 PSI
12" x 6 mm	7.5 PSI
12" x 7.5 mm	8 PSI
15" x 6 mm	7 PSI
15" x 7.5 mm	7.5 PSI
15" x 9 mm	10 PSI
15" x 12 mm	11 PSI

Any other size and thickness use the cold head chart and divide the number by 2.31 to get PSI and then subtract 1 PSI.

The formula is as follows:

$$(\text{Finished thickness mm} / \text{Diameter mm}) \times 308 \times 3.28 = \text{Maximum cold head in Feet}$$

Curing Pressures and Temperatures

4" - 12" x 6 mm or less at 185 CFM Use 200 degrees F Lining PVC use 185 degrees F
4" - 18" x 6 mm or less at 310 CFM Use 212 degrees F Lining PVC use 195 degrees F

12" - 18" x 6 mm at 185 CFM Use 190 degrees F
12" - 18" x 6 mm at 310 CFM Use 212 degrees F

12" - 18" x 7.5 mm at 185 CFM use 185 degrees F
12" - 18" x 7.5 mm at 310 CFM use 200 degrees F

18" - 24" x 9 mm at 185 CFM use 180 degrees F
18" x 24" x 9 mm at 310 CFM use 190 degrees F

For larger liners and thicknesses contact the CIPP corporation offices
Steve Gearhart
1-888-485-2477

2. Temperature should be brought up to the predetermined heat as indicated by the chart below, by allowing steam to enter the air flow. This temperature should be held until a temperature at the B Station reaches 105 F under the liner. This indicates that the liner has expended the Perkadox 16 and is should now be brought up in temperature in order to utilize the Triganox 42S for final and **Post Cure**.

3. Once the liner temperature has reached 105 F, the attendant at the B Station should be aware that there will be pressure changes and should be informed that the pressure should be maintained as well as possible. This stage of curing is called **Post Cure** or **Superheat** stage. This change in temperature should be noted on the report sheet. All the air should be discontinued as pure steam is increased to full wide open valve and pressure is maintained and controlled at the B Station. This in essence converts the entire pipeline to being part of the boiler vessel. This stage should be held until the B Station temperature air is equal to the steam temperature at the boiler. If it is not the same temperature, it indicates that there are either sags or water standing in the liner. Once the temperature reaches the same at the B Station as the **Air Temp A** on the **Steam Cure Record** means that all water has been evaporated and a complete cure has been initiated. Remember that water above 212 F is vapor and that this means the entire line is vapor. Saturated steam temperature at from 5 to 10 PSI should be in the range of 225 F to 240 F respectively. At this point the **Liner Temp B** should be somewhere in the range of 140 F or greater.

4. Cool down should be initiated at this time. Slowly start to add air while reducing the steam. The attendant at Station B should be notified in advance of this change and informed to maintain pressure. Once all steam has been eliminated, full volume air should be added. Cool down is complete when **Liner Temp B** is below 100F. Large diameters as well as thicker laminates 9 – 12 mm, cool down must be taken in slow steps, as shrinkage will occur if done too rapidly. We have seen as much as 8" shrinkage occur on thick liners that have been cooled too quickly. For thicker laminates 9 – 12 mm, start cooling with 200 degree air/steam for 15 minutes and reduce temperature 5 degrees every 10 minutes. This should slow the process of cooling sufficiently to eliminate shrinkage.

UPS Internet Shipping: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.
3. **GETTING YOUR SHIPMENT TO UPS**
Customers with a Daily Pickup
Your driver will pickup your shipment(s) as usual.

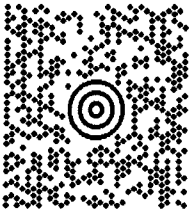

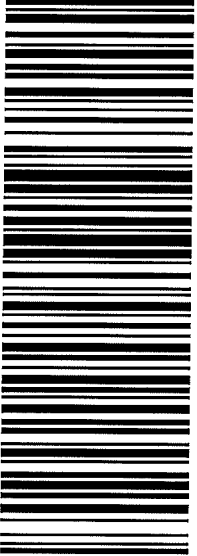

Customers without a Daily Pickup

Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the 'Find Locations' Quick link at ups.com. Schedule a same day or future day Pickup to have a UPS driver pickup all of your Internet Shipping packages.

Hand the package to any UPS driver in your area.

UPS Access Point™
THE UPS STORE
1612 2ND AVE SW
CULLMAN ,AL 35055

FOLD HERE

AMBER SORRELLE 256-739-4747 103 AMERICAN INFRASTRUCTURE TECH C 8799 U.S. HWY. 31 HANCEVILLE AL 35077	0.0 LBS LTR	1 OF 1
SHIP TO: DONNA FISH 904-278-3766 CLAY COUNTY ADMIN BUILDING CONFERENCE ROOM B - 4TH FLOOR 477 HOUSTON STREET GREEN COVE SPRINGS FL 32043-2438		
	FL 322 9-20 	
UPS NEXT DAY AIR EARLY 1+ TRACKING #: 1Z W25 53A 15 9965 0846		
		
BILLING: P/P		
Reference# 1: green cove bid		
UPS 18.5.50. WNTNVS0 81.0A 10/2016		
		



Shipment Receipt

Transaction Date: 02 Dec 2016

Tracking Number:

1ZW2553A1599650846

1 Address Information**Ship To:**

Clay County Admin Building
Donna Fish
477 Houston Street
Conference Room B - 4th floor
GREEN COVE
SPRINGS FL 320432438
Telephone: 904-278-3766

Ship From:

American Infrastructure Tech Corp
Amber Sorrelle
8799 U.S. Hwy. 31
HANCEVILLE AL 35077
Telephone: 256-739-4747
x103 email: amber@aitechcorp.com

Return Address:

American Infrastructure Tech Corp
Amber Sorrelle
8799 U.S. Hwy. 31
HANCEVILLE AL 35077
Telephone: 256-739-4747
x103 email: amber@aitechcorp.com

2 Package Information

Weight	Dimensions / Packaging	Declared Value	Reference Numbers
1. Letter (Letter billable)	UPS Letter		Reference#1 - green cove bid

3 UPS Shipping Service and Shipping Options**Service:**

UPS Next Day Air® Early

Delivery Date:

10:00 AM Monday, Dec 5, 2016

Shipping Fees Subtotal:

67.07 USD

Transportation

62.04 USD

Fuel Surcharge

2.58 USD

Delivery Area Surcharge

Package 1

2.45 USD

Additional Shipping Options**Quantum View Notify E-mail Notifications:**

1 amber@aitechcorp.com: Exception, Delivery

No Charge

4 Payment Information**Bill Shipping Charges to:**

Shipper's Account W2553A

Shipping Charges:

67.07 USD

Subtotal Shipping Charges:

67.07 USD

Daily rates were applied to this shipment**Total Charged:**

67.07 USD

Note: This document is not an invoice. Your final invoice may vary from the displayed reference rates.

* For delivery and guarantee information, see the UPS Service Guide. To speak to a customer service representative, call 1-800-PICK-UPS for domestic services and 1-800-782-7892 for international services.

Responsibility for Loss or Damage

UPS's liability for loss or damage to each domestic package or international shipment is limited to \$100 without a declaration of value. Unless a greater value is recorded in the declared value field of the UPS shipping system used, the shipper agrees that the released value of each package covered by this receipt is no greater than \$100, which is a reasonable value under the circumstances surrounding the transportation. To increase UPS's limit of liability for loss or damage, a shipper may declare a higher value and pay an additional charge. See the UPS Tariff/Terms and Conditions of Service ("UPS Terms") at www.ups.com for UPS's liability limits, maximum declared values, and other terms of service. UPS does not accept for transportation and shippers are prohibited from shipping, packages with a value of more than \$50,000. The only exception to the \$50,000 per package limit is for a package eligible for the Enhanced Maximum Declared Value of \$70,000 per package, as set forth in the UPS Terms. A package is eligible only if it meets the following requirements. The package must be (i) a domestic shipment; (ii) tendered pursuant to shipper's Scheduled Pickup Service; (iii) a UPS Next Day Air(R) delivery service is the service level selected; (iv) processed for shipment using a UPS Shipping System (declarations of value on paper Source Documents are not eligible for Enhanced Maximum Declared Value); and (v) does not contain hazardous material or a Perishable Commodity. Claims not made within nine months after delivery of the package (sixty days for international shipments), or in the case of failure to make delivery, nine months after a reasonable time for delivery has elapsed (sixty days for international shipments), shall be deemed waived. The entry of a C.O.D. amount is not a declaration of value for carriage purposes. All checks or other negotiable instruments tendered in payment of C.O.D. will be accepted by UPS at shipper's risk. UPS shall not be liable for any special, incidental, or consequential damages. All shipments are

AMERICAN INFRASTRUCTURE TECHNOLOGIES
CORPORATION
8799 US HWY 31
HANCEVILLE, AL 35077

FL LIC # CUC1224556 EXP 8/31/18

RECEIVED
PURCHASING DIVISION

2016 DEC -5 A 7:51

CLAY COUNTY BOARD OF
COMMISSIONERS

Clay County Purchasing Division
477 Houston Street
PO Box 1366
Green Cove Springs, FL 32043

Receipt for Bid #: 16/17-3
Company Name: America Infrastructure
Technologies

SEALED BID ENCLOSED

BID #16/17-3, CURED -IN-PLACE PIPE SERVICES

CLAY COUNTY ADMINISTRATION BUILDING
CONFERENCE ROOM "B" - 4TH FLOOR
477 HOUSTON STREET
GREEN COVE SPRINGS, FL 32043

BID OPENING: 12/5/16 @ 4PM

Price Sheet - Bid #16/17-3, Cured-In-Place Pipe Services

Bid Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$152.00	\$30,400.00
2	15" CIPP Thickness Variance 1.5 mm	200	LF	\$6.75	\$1,350.00
3	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$171.00	\$51,300.00
4	18" CIPP Thickness Variance 1.5 mm	300	LF	\$8.40	\$2,520.00
5	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$162.55	\$32,510.00
6	24" CIPP Thickness Variance 1.5 mm	200	LF	\$11.85	\$2,370.00
7	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$197.55	\$29,632.50
8	30" CIPP Thickness Variance 1.5 mm	150	LF	\$14.50	\$2,175.00
9	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$279.85	\$41,977.50
10	36" CIPP Thickness Variance 1.5 mm	150	LF	\$17.00	\$2,550.00
11	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$305.50	\$30,550.00
12	42" CIPP Thickness Variance 1.5 mm	100	LF	\$20.35	\$2,035.00
13	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$338.50	\$33,850.00
14	48" CIPP Thickness Variance 1.5 mm	100	LF	\$23.50	\$2,350.00
15	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$496.25	\$49,625.00
16	54" CIPP Thickness Variance 1.5 mm	100	LF	\$27.00	\$2,700.00
17	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$530.65	\$26,532.50
18	60" CIPP Thickness Variance 1.5 mm	50	LF	\$28.00	\$1,400.00
19	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$584.00	\$29,200.00
20	72" CIPP Thickness Variance 1.5 mm	50	LF	\$51.25	\$2,562.50
21	Mobilization				
22	Maintenance of Traffic				
23	Dewatering and Pipe Cleaning				
	Total				\$377,590.00

PRICING FOR MOBILIZATION, MAINTENANCE OF TRAFFIC, DEWATERING AND PIPE CLEANING WILL BE NEGOTIATED ON A PER-PROJECT BASIS AT THE TIME THE PROJECT SCOPE OF WORK HAS BEEN DEVELOPED.

Total written in words: Three hundred seventy seven thousand five hundred ninety dollars

COMPANY NAME: Southeast Pipe Survey, Inc.

BID #16/17-3, CURED-IN-PLACE PIPE SERVICES

CORPORATE DETAILS:

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: Southeast Pipe Survey, Inc.

ADDRESS: 3523 Williams Street

P. O. Box 477

Patterson, Georgia 31557

TELEPHONE: (912) 647-2847

FAX #: (912) 647-2869

E-MAIL: jean@southeastpipe.com

Name of Person submitting Bid: David R. Herrin


Title: President

Signature: 

Date: December 2, 2016

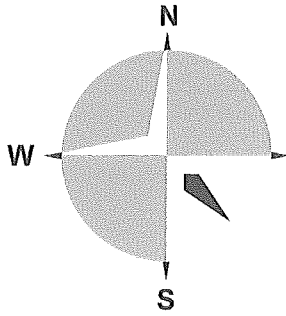
ADDENDA ACKNOWLEDGMENT:

Bidder acknowledges receipt of the following addendum:

Addendum No. 0 Date: _____ Acknowledged by: 

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____



**SOUTHEAST
PIPE**

"BID FOR"

**"CURED -IN-LACE PIPE SERVICES"
BID NO. 16/17-3**

**"SUBMITTAL DATE AND TIME"
400 PM MONDAY, DECEMBER 5TH, 2016**

TO:

**CLAY COUNTY ADMINISTRATION BUILDING
RECEPTION AREA, FOURTH FLOOR
477 HOUSTON STREET
GREEN COVE SPRINGS, FLORIDA 32043
(904) 278-3761**

FROM:

**SOUTHEAST PIPE SURVEY, INC.
3523 WILLIAMS STREET / P. O. BOX 477
PATTERSON, GA 31557
(912) 647-2847**

**FL UTILITY CONTRACTOR'S LICENSE NO. CUC056684
CLASSIFICATION-UTILITY CONTRACTOR EXP. DATE-08/31/2018**

**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD**

LICENSE NUMBER	
CUC056684	

The UNDERGROUND UTILITY & EXCAVATION CO
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018



**HERRIN, DAVID ROGER
SOUTHEAST PIPE SURVEY INC
PO BOX 477
PATTERSON GA 31557**



AIA® Document A310™ – 2010

Bid Bond

CONTRACTOR:

(Name, legal status and address)

**Southeast Pipe Survey, Inc.
3523 Williams Street
Patterson, GA 31577**

OWNER:

(Name, legal status and address)

**Clay County, FL,
Administration Building 4th Floor
477 Houston Street, Green Cove Springs, FL 32043
BOND AMOUNT: \$ Five Percent of Principal Bid (5% OPB)**

PROJECT:

(Name, location or address, and Project number, if any)

Cured-In-Place Services, Bid # 16/17-3

SURETY:

(Name, legal status and principal place of business)

**The Gray Casualty & Surety Company
3625 I-20 Service Road
Metairie, LA 70002**

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

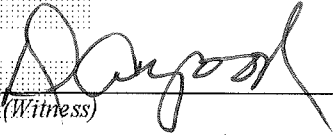
Init.

AIA Document A310™ – 2010. Copyright © 1963, 1970 and 2010 by The American Institute of Architects. All rights reserved. **WARNING: This AIA® Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA® Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law.** This document was produced by AIA software at 13:01:18 on 04/22/2011 under Order No.0385313632_1 which expires on 03/01/2012, and is not for resale.

User Notes:

(877099080)

Signed and sealed this 5th day of December, 2016


(Witness)

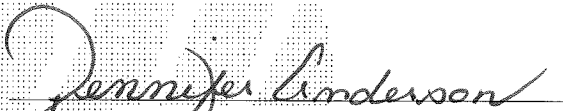
Southeast Pipe Survey, Inc.


(Principal) (Seal)


(Title) David R. Herrin, President

The Gray Casualty & Surety Company

(Surety) (SEAL)


(Witness) Jennifer Anderson, Client Manager Surety


(Title) Allan, B. Webb, Attorney-In-Fact

Init.

AIA Document A310™ – 2010. Copyright © 1963, 1970 and 2010 by The American Institute of Architects. All rights reserved. WARNING: This AIA® Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA® Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law. This document was produced by AIA software at 13:01:18 on 04/22/2011 under Order No.0385313632_1 which expires on 03/01/2012, and is not for resale.

User Notes:

(877099080)

THE GRAY CASUALTY & SURETY COMPANY

THE GRAY INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

202079

KNOW ALL BY THESE PRESENTS, THAT The Gray Insurance Company and The Gray Casualty & Surety Company, corporations duly organized and existing under the laws of Louisiana, and having their principal offices in Metairie, Louisiana, do hereby make, constitute, and appoint **Allan B. Webb, Michael D. Iverson, and Neil A. Thompson of Atlanta, Georgia jointly or severally** on behalf of each of the Companies named above its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its deed, bonds, or other writings obligatory in the nature of a bond, as surety, contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed the amount of \$10,000,000.00 This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both The Gray Insurance Company and The Gray Casualty & Surety Company at meetings duly called and held on the 26th day of June, 2003.

"RESOLV ED, that the President, Executive Vice President, any Vice President, or the Secretary be and each or any of them hereby is authorized to execute a power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings, and all contracts of surety, and that each or any of them is hereby authorized to attest to the execution of such Power of Attorney, and to attach the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be binding upon the Company now and in the future when so affixed with regard to any bond, undertaking or contract of surety to which it is attached.

IN WITNESS WHEREOF, The Gray Insurance Company and The Gray Casualty & Surety Company have caused their official seals to be hereinto affixed, and these presents to be signed by their authorized officers this 12th day of September, 2011.



By:

Michael T. Gray

Michael T. Gray
President, The Gray Insurance Company
and
Vice President,
The Gray Casualty & Surety Company

Attest:

Mark S. Manguno

Mark S. Manguno
Secretary,
The Gray Insurance Company,
The Gray Casualty & Surety Company



State of Louisiana

ss:

Parish of Jefferson

On this 12th day of September, 2011, before me, a Notary Public, personally appeared Michael T. Gray, President of The Gray Insurance Company and Vice President of The Gray Casualty & Surety Company, and Mark S. Manguno, Secretary of The Gray Insurance Company and The Gray Casualty & Surety Company, personally known to me, being duly sworn, acknowledged that they signed the above Power of Attorney and affixed the seals of the companies as officers of, and acknowledged said instrument to be the voluntary act and deed, of their companies.



Lisa S. Millar

Lisa S. Millar, Notary Public, Parish of Orleans
State of Louisiana
My Commission is for Life

I, Mark S. Manguno, Secretary of The Gray Insurance Company and The Gray Casualty & Surety Company, do hereby certify that the above and forgoing is a true and correct copy of a Power of Attorney given by the companies, which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 5th day of December, 2016



Mark S. Manguno

Mark S. Manguno, Secretary
The Gray Insurance Company
The Gray Casualty & Surety Company

Scrutinized Companies Certification
[Clay County Bid #16/17-3, Cured-In-Place Pipe Services]

Name of Company:¹ Southeast Pipe Survey, Inc.

In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.


Insert Name of Company:

Southeast Pipe Survey, Inc.

3523 Williams St./Patterson, GA 31557

(Seal)

By:



David R. Herrin

Its President

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.



SOUTPIP-01

LDEEB

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/29/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Snellings Walters Insurance Agency 1117 Perimeter Center West Suite W101 Atlanta, GA 30338		CONTACT Lily C. Deeb NAME: PHONE (A/C, No, Ext): FAX (A/C, No): E-MAIL ADDRESS: ldeeb@snellingswalters.com	
INSURED Southeast Pipe Survey, Inc. P. O. Box 477 Patterson, GA 31557-0477		INSURER(S) AFFORDING COVERAGE INSURER A: Travelers Indemnity Co/America NAIC # 25666 INSURER B: Travelers Property & Casualty 25674 INSURER C: Charter Oak Fire Insurance Co. 25615 INSURER D: Illinois Union Ins. Co. 27960 INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			DTCO2C898703TIA16	10/26/2016	10/26/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			DT8102C898703TIA16	10/26/2016	10/26/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			DTSMCUP2C898703TIL16	10/26/2016	10/26/2017	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	DTOUB2C90424116	10/26/2016	10/26/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Pollution Liability			G27917872002	10/26/2016	10/26/2017	Limit of Liability \$ 1,000,000
B	Leased/Rented Equip			QT6604C660305COF16	10/26/2016	10/26/2017	Limit of Insurance \$ 250,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Bid # 16/17-3 : Cured-In-Place Pipe Services

CERTIFICATE HOLDER

CANCELLATION

Clay County, FL
Administrative Building
Fourth Floor, Reception Area
477 Houston Street
Green Cove Springs, FL 32043

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



AGENCY CUSTOMER ID: SOUTPIP-01

LDEEB

LOC #: 0

ADDITIONAL REMARKS SCHEDULE

Page 1 of 1

AGENCY Snellings Walters Insurance Agency		NAMED INSURED Southeast Pipe Survey, Inc. P. O. Box 477 Patterson, GA 31557-0477
POLICY NUMBER SEE PAGE 1		
CARRIER SEE PAGE 1	NAIC CODE SEE P 1	EFFECTIVE DATE: SEE PAGE 1

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

Policy Forms**General Liability:**

CG D6 04 08 13 - BLANKET ADDITIONAL INSURED AUTOMATIC STATUS IF REQUIRED BY WRITTEN CONTRACT
(CONTRACTORS)
CG D3 16 11 11 - CONTRACTORS XTEND ENDORSEMENT
CG D2 11 01 04 - DESIGNATED PROJECT(S) GENERAL AGGREGATE LIMIT

Auto Liability:

CA T3 53 02 15 - BUSINESS AUTO EXTENSION ENDORSEMENT

Workers' Compensation:

WC 00 03 13 00 - WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

Umbrella Liability:

UM 00 01 11 03 - COMMERCIAL EXCESS LIABILITY (UMBRELLA) INSURANCE

Contractors Pollution:

ENV-3101 (08-04) - ADDITIONAL INSURED ENDORSEMENT - OWNERS, LESSEES OR CONTRACTORS (PRIMARY AND
NON-CONTRIBUTORY)
ENV-3143 (03-05) - WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BLANKET ADDITIONAL INSURED – AUTOMATIC STATUS IF REQUIRED BY WRITTEN CONTRACT (CONTRACTORS)

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

1. The following is added to SECTION II – WHO IS AN INSURED:

Any person or organization that:

- a. You agree in a "written contract requiring insurance" to include as an additional insured on this Coverage Part; and
- b. Has not been added as an additional insured for the same project by attachment of an endorsement under this Coverage Part which includes such person or organization in the endorsement's schedule;

is an insured, but:

- a. Only with respect to liability for "bodily injury", "property damage" or "personal injury"; and
- b. Only as described in Paragraph (1), (2) or (3) below, whichever applies:

(1) If the "written contract requiring insurance" specifically requires you to provide additional insured coverage to that person or organization by the use of:

(a) The Additional Insured – Owners, Lessees or Contractors – (Form B) endorsement CG 20 10 11 85; or

(b) Either or both of the following: the Additional Insured – Owners, Lessees or Contractors – Scheduled Person Or Organization endorsement CG 20 10 10 01, or the Additional Insured – Owners, Lessees or Contractors – Completed Operations endorsement CG 20 37 10 01;

the person or organization is an additional insured only if the injury or damage arises out of "your work" to which the "written contract requiring insurance" applies;

(2) If the "written contract requiring insurance" specifically requires you to provide additional insured coverage to that person or organization by the use of:

(a) The Additional Insured – Owners, Lessees or Contractors – Scheduled Person or Organization endorsement CG 20 10 07 04 or CG 20 10 04 13, the Additional Insured – Owners, Lessees or Contractors – Completed Operations endorsement CG 20 37 07 04 or CG 20 37 04 13, or both of such endorsements with either of those edition dates; or

(b) Either or both of the following: the Additional Insured – Owners, Lessees or Contractors – Scheduled Person Or Organization endorsement CG 20 10, or the Additional Insured – Owners, Lessees or Contractors – Completed Operations endorsement CG 20 37, without an edition date of such endorsement specified;

the person or organization is an additional insured only if the injury or damage is caused, in whole or in part, by acts or omissions of you or your subcontractor in the performance of "your work" to which the "written contract requiring insurance" applies; or

(3) If neither Paragraph (1) nor (2) above applies:

(a) The person or organization is an additional insured only if, and to the extent that, the injury or damage is caused by acts or omissions of you or your subcontractor in the performance of "your work" to which the "written contract requiring insurance" applies; and

(b) The person or organization does not qualify as an additional insured with respect to the independent acts or omissions of such person or organization.

COMMERCIAL GENERAL LIABILITY

2. The insurance provided to the additional insured by this endorsement is limited as follows:
 - a. If the Limits of Insurance of this Coverage Part shown in the Declarations exceed the minimum limits of liability required by the "written contract requiring insurance", the insurance provided to the additional insured will be limited to such minimum required limits of liability. For the purposes of determining whether this limitation applies, the minimum limits of liability required by the "written contract requiring insurance" will be considered to include the minimum limits of liability of any Umbrella or Excess liability coverage required for the additional insured by that "written contract requiring insurance". This endorsement will not increase the limits of insurance described in Section III – Limits Of Insurance.
 - b. The insurance provided to the additional insured does not apply to "bodily injury", "property damage" or "personal injury" arising out of the rendering of, or failure to render, any professional architectural, engineering or surveying services, including:
 - (1) The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders or change orders, or the preparing, approving, or failing to prepare or approve, drawings and specifications; and
 - (2) Supervisory, inspection, architectural or engineering activities.
 - c. The insurance provided to the additional insured does not apply to "bodily injury" or "property damage" caused by "your work" and included in the "products-completed operations hazard" unless the "written contract requiring insurance" specifically requires you to provide such coverage for that additional insured during the policy period.
3. The insurance provided to the additional insured by this endorsement is excess over any valid and collectible other insurance, whether primary, excess, contingent or on any other basis, that is available to the additional insured. However, if the "written contract requiring insurance" specifically requires that this insurance apply on a primary basis or a primary and non-contributory basis, this insurance is primary to other insurance available to the additional insured under which that person or organization qualifies as a named insured, and we will not share with that other insurance. But the insurance provided to the additional insured by this endorsement still is excess over any valid and collectible other insurance, whether primary, excess, contingent or on any other basis, that is available to the additional insured when that person or organization is an additional insured, or is any other insured that does not qualify as a named insured, under such other insurance.
4. As a condition of coverage provided to the additional insured by this endorsement:
 - a. The additional insured must give us written notice as soon as practicable of an "occurrence" or an offense which may result in a claim. To the extent possible, such notice should include:
 - (1) How, when and where the "occurrence" or offense took place;
 - (2) The names and addresses of any injured persons and witnesses; and
 - (3) The nature and location of any injury or damage arising out of the "occurrence" or offense.
 - b. If a claim is made or "suit" is brought against the additional insured, the additional insured must:
 - (1) Immediately record the specifics of the claim or "suit" and the date received; and
 - (2) Notify us as soon as practicable.The additional insured must see to it that we receive written notice of the claim or "suit" as soon as practicable.
 - c. The additional insured must immediately send us copies of all legal papers received in connection with the claim or "suit", cooperate with us in the investigation or settlement of the claim or defense against the "suit", and otherwise comply with all policy conditions.
 - d. The additional insured must tender the defense and indemnity of any claim or "suit" to any provider of other insurance which would cover the additional insured for a loss we cover under this endorsement. However, this condition does not affect whether the insurance provided to the additional insured by this endorsement is primary to other insurance available to the additional insured which covers that person or organization as a named insured as described in Paragraph 3. above.
5. The following is added to the **DEFINITIONS** Section:

"Written contract requiring insurance" means that part of any written contract or agreement under which you are required to include a person or or-

COMMERCIAL GENERAL LIABILITY

ganization as an additional insured on this Coverage Part, provided that the "bodily injury" and "property damage" occurs, and the "personal injury" is caused by an offense committed, during the policy period and:

- a. After the signing and execution of the contract or agreement by you; and
- b. While that part of the contract or agreement is in effect.

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Southeast Pipe Survey, Inc.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶ _____	
	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>	
	5 Address (number, street, and apt. or suite no.) 3523 Williams Street	Requester's name and address (optional)
	6 City, state, and ZIP code Patterson, Georgia 31557	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number								
				-				

or

Employer identification number								
5	8		-	1	6	6	4	5
								9
								4

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ▶ 	Date ▶ 12/02/16
-----------	--	-----------------

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding?* on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**CONSTRUCTION INDUSTRY LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783**

(850) 487-1395

**HERRIN, DAVID ROGER
SOUTHEAST PIPE SURVEY INC
PO BOX 477
PATTERSON GA 31557**

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION**

CUC056684

ISSUED: 08/14/2016

**CERT UNDERGROUND & EXCAV CNTR
HERRIN, DAVID ROGER
SOUTHEAST PIPE SURVEY INC**

**IS CERTIFIED under the provisions of Ch.489 FS
Expiration date . AUG 31, 2018 L1608140004384**

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD**

LICENSE NUMBER	
CUC056684	

**The UNDERGROUND UTILITY & EXCAVATION CO
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018**

**HERRIN, DAVID ROGER
SOUTHEAST PIPE SURVEY INC
PO BOX 477
PATTERSON GA 31557**



ISSUED: 08/14/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1608140004384

STATE OF GEORGIA

Secretary of State

Corporations Division
315 West Tower
#2 Martin Luther King, Jr. Dr.
Atlanta, Georgia 30334-1530

CERTIFICATE OF EXISTENCE

I, Karen C Handel, Secretary of State and the Corporations Commissioner of the state of Georgia, hereby certify under the seal of my office that

SOUTHEAST PIPE SURVEY, INC.

Domestic Profit Corporation

was formed or was authorized to transact business on 09/12/1985 in Georgia. Said entity is in compliance with the applicable filing and annual registration provisions of Title 14 of the Official Code of Georgia Annotated and has not filed articles of dissolution, certificate of cancellation or any other similar document with the office of the Secretary of State.

This certificate relates only to the legal existence of the above-named entity as of the date issued. It does not certify whether or not a notice of intent to dissolve, an application for withdrawal, a statement of commencement of winding up or any other similar document has been filed or is pending with the Secretary of State.

This certificate is issued pursuant to Title 14 of the Official Code of Georgia Annotated and is prima-facie evidence that said entity is in existence or is authorized to transact business in this state.



WITNESS my hand and official seal of the City of Atlanta and the State of Georgia on 29th day of April, 2009

Karen C Handel
Secretary of State



Brian P. Kemp
Secretary of State

STATE OF GEORGIA
2014 Corporation Annual Registration

OFFICE OF THE SECRETARY OF STATE
Annual Registration Filing
P.O. Box 23038
Columbus, Georgia 31902-3038

Information on record as of: 9:59:14 AM

Secretary of State
Control No.: J514537
Date Filed: 2/28/2014 9:59:12 AM

Entity Control No. J514537

Amount Due: \$50.00

Amount Due AFTER June 1, 2014: \$75.00

SOUTHEAST PIPE SURVEY, INC.
PO BOX 477
PATTERSON, Georgia 31557-0477

Each business entity registered or filed with the Office of Secretary of State is required to file an annual registration. Amount due for this entity is indicated above and below on the remittance form. Annual fee is \$50. If amount is more than \$50, the total reflects amount(s) due from previous year(s) and any applicable late fee(s). **Renew by April 1, 2013** Your Annual Registration must be postmarked by June 1, 2014. If your registration and payment are not postmarked by June 1, 2014, you will be assessed a \$25.00 late filing penalty fee.

For faster processing, we invite you to file your Annual Registration online with a credit card at <http://www.sos.ga.gov/corporations/>. The Corporations Division accepts Visa, MC, Discover, American Express and ATM/Debit Cards with the Visa or MC logo for online filings only. Annual Registrations not processed online require payment with a check, certified bank check or money order. We cannot accept cash for payment.

You may mail your registration in by submitting the bottom portion of this remittance with a check or money order payable to "Secretary of State". All checks must be pre-printed with a complete address in order to be accepted by our offices for your filing. Absolutely, no counter or starter checks will be accepted. Failure to adhere to these guidelines will delay or possibly reject your filing. Checks that are dishonored by your bank are subject to a \$30.00 NSF charge. Failure to honor your payment could result in a civil suit filed against you and/or your entity may be Administratively Dissolved by the Secretary of State. [See O.C.G.A. § 13-6-15 and Title 14, respectively.]

Officer, address and Agent information currently of record is listed below. Please verify "county of registered office." If correct and complete, detach bottom portion, sign, and return with payment. Or, enter changes as needed and submit. Complete each line, even if the same individual serves as Chief Executive Officer, Chief Financial Officer, and Secretary of the corporation.

Note: Registered Agent address must be a street address in Georgia where the agent may be served personally. A mail drop or P.O. Box does not comply with Georgia law for registered office. P.O. Boxes may be used for principal office and officers' addresses.

Any person authorized by the entity to do so may sign and file registration (including online filing). Additionally, a person who signs a document submits an electronic filing he or she knows is false in any material respect with the intent that the document be delivered to the Secretary of State for filing shall be guilty of a misdemeanor and, upon conviction thereof, shall be punished to the highest degree permissible by law. [O.C.G.A. § 14-2-129.]

Please return **ONLY** the original form below and applicable fee(s). For more information on Annual Registrations or to file online, visit <http://www.sos.ga.gov/corporations/>. Or, call 404-656-2817.

CORPORATION NAME	ADDRESS	CITY	STATE	ZIP
SOUTHEAST PIPE SURVEY, INC.	PO BOX 477	PATTERSON	GA	31557-0477
CEO: HERRIN, DAVID R.	ROUTE 2	PATTERSON	Georgia	31557
CFO: HERRIN, DAVID R.	ROUTE 2	PATTERSON	Georgia	31557
SEC: NANCY L SMITH	2107 BURKE STREET	WAYCROSS	Georgia	31501

THE ABOVE INFORMATION HAS BEEN UPDATED TO:

CORPORATION NAME	ADDRESS	CITY	STATE	ZIP
SOUTHEAST PIPE SURVEY, INC.	PO BOX 477	PATTERSON	Georgia	31557-0477
CEO: HERRIN, DAVID R.	ROUTE 2	PATTERSON	Georgia	31557
CFO: HERRIN, DAVID R.	ROUTE 2	PATTERSON	Georgia	31557
SEC: NANCY L SMITH	2107 BURKE STREET	WAYCROSS	Georgia	31501

AGT: HERRIN, DAVID ROGER	3523 WILLIAMS STREET	PATTERSON	Georgia	31557
I CERTIFY THAT I AM AUTHORIZED TO SIGN THIS FORM AND THAT THE INFORMATION IS TRUE AND CORRECT.	P.O. BOX NOT ACCEPTABLE FOR REGISTERED AGENT'S ADDRESS	COUNTY OF REGISTERED OFFICE:	Pierce County	
AUTHORIZED SIGNATURE: Nancy L Smith		Date:2/28/2014 9:59:12 AM	Total Due:	
Title:Secretary	Email: csmith@southeastpipe.com			\$50.00

BR201 2013 Corporation Annual Registration

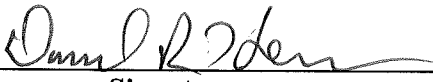
144 J51453723 0050009 SOUTHEASTPIPESURVEYIO 201406013 0075000

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion Form

- (1) The prospective Vendor, Southeast Pipe Survey, Inc., certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal Department or Agency.
- (2) Where the Vendor is unable to certify to the above statement, the prospective Vendor shall attach an explanation to this form.

Vendor:

Southeast Pipe Survey, Inc.

By: 
Signature

David R. Herrin / President
Name and Title

3523 Williams Street
Street Address

Patterson, Georgia 31557
City, State, Zip

December 2, 2016
Date

ORIGIN ID: OBEA (912) 647-2847
DARRYL ALLGOOD
SOUTHEAST PIPE SURVEY, INC.
3523 WILLIAMS STREET

PATTERSON, GA 31557
UNITED STATES US

SHIP DATE: 02DEC16
ACTWGT: 0.50 LB
CAD: 7646118/INET3790

BILL SENDER

TO RECEPTION AREA, FOURTH FLOOR
CLAY COUNTY ADMINISTRATION BUILDING
477 HOUSTON STREET

544J1D42F14EB

GREEN COVE SPRINGS FL 32043

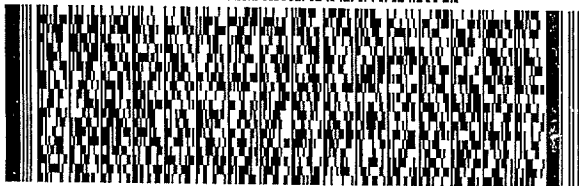
(904) 278-3761

REF: SEALED BID ENCLOSED

INV:

PO:

DEPT:



FedEx
Express



215201515121ur

MON - 05 DEC 10:00A

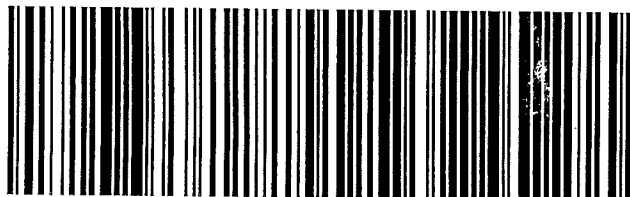
FIRST OVERNIGHT

TRK#
0201

7778 5389 9323

31 CRGA

32043
FL-US JAX



After printing this label:

RECEIVED
PURCHASING DIVISION

2016 DEC -5 A 8:11

CLAY COUNTY BOARD OF
COMMISSIONERS

Clay County Purchasing Division
477 Houston Street
PO Box 1366
Green Cove Springs, FL 32043

Receipt for Bid #: 16/17-3
Company Name: South east Pipe
Survey



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Finance and Audit Committee

DATE: 12/21/2016

FROM: Administrative & Contractual Services

SUBJECT: Approval to post notice of intent and award Bid #16/17-2, Tree Removal Services to the sole bidder American Tree Surgeons at unit prices stated in bid received. Approval will be effective after 72 hour bid protest period has expired assuming no protest are received. This bid is utilized by Public Works and other various departments. Funding Source: 101-3701-546100 (Transportation Trust Fund / Streets & Drainage / Repairs and Maintenance)

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

American Tree Surgeons has provided tree removal services for Clay County for the past ten years. Bid provides tree removal services countywide as needed.

Invitations to bid were sent to over 20 vendors with only one responding. Even with the slight price increase from FY 11/12 bid, staff recommends awarding to American Tree Surgeons.

Is Funding Required (Yes/No):

Yes

If Yes, Was the item budgeted (Yes/No/N/A):

Yes

Funding Source: Various Departments/546100 & Transportation Trust Fund / Streets & Drainage / Repairs and Maintenance

Account # 101-3701-546100 Amount - Various

Account# - Amount-

Account# - Amount-

Account# - Amount-

Account# - Amount-

Sole Source (Yes/No):

No

Advanced Payment (Yes/No):

No

ATTACHMENTS:

Description

- ▢ [Memo - Price Sheets](#)
- ▢ [Comparison Sheet](#)
- ▢ [Tree removal specs](#)
- ▢ [Bid Invitations](#)
- ▢ [American Tree Surgeons submittal](#)

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Administrative and	Thomas, Karen	Approved	12/28/2016 - 12:01 PM	

Contractual
Services

County
Manager Kopelousos, Stephanie Approved

12/29/2016 - 11:54 AM

BID RECOMMENDATION
Bid #16/17-2
Tree Removal Services

BIDDERS

BID TOTAL

<u>American Tree Surgeons</u>	<u>\$113,400.00</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Staff Assigned to Tabulate Bids and Make Recommendations:

NAME

TITLE

<u>Van Hogan</u>	<u>Field Operations Coordinator</u>
_____	_____
_____	_____

RECOMMENDATION:

Recommend award to American Tree Surgeons.

If only one bid is received, state reason why accepted and not re-bidding:

American Tree Surgeons was the sole bidder and is the current contract holder for this service. Prices for most bid
bid items have increased moderately while prices for larger trees increased significantly over the current contract.
 Based on a review of FY 2016, Public Works spent \$30,930 on tree removal. When applied to the removal of trees
 with no special conditions, the County would spend an additional \$5,235 for tree removal for the same work under
 the new contract, an increase of 17%, with over \$2,200 of the additional cost resulting from the removal of 5 large trees.
 The new prices are reasonable compared to prices the County is currently paying for tree services and it is doubtful that
 the County would realize substantial, if any, savings as the result of a re-bid.

BID TABULATION FORM

Bid: 16/17-2

Date: December 6, 2016

Proj: Tree Removal Services

Time Open: 1:00

Ad: Clay Today, November 10, 2016

Time Close: 1:05

This is a generic Bid Tabulation Form; all required bid documents will be verified prior to bid recommendation.

Bids to be evaluated based on evaluation criteria established in bid document

	Bidder	Copies	W9	Insurance	Total Amount
1	American Tree Surgeons	✓	✓	✓	117,375.00
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

Revised
Total
113,400.00

Staff Assigned to tabulate bids and make recommendations:

Van Hogan
Name

Field Operations Coordinator
Title

Recommendations: Staff will review the bids and present a recommendation to the Finance Committee for subsequent recommendation to the Board. Bids to be evaluated based on evaluation criteria established in bid document.

Bid Opening Witnessed By: Dana Fish
(BCC)

Cate Stet
Clerk
Michael Kelly
Department Representative

Bid No 16/17-2, Tree Removal Services

Group 1	Tree Removal	Estimated Quantity	Unit Price	Extended Price
1.	0 inches to 6 inches in DBH	15	65 ⁰⁰	975 ⁰⁰
2.	7 inches to 12 inches in DBH	15	165 ⁰⁰	2,475 ⁰⁰
3.	13 inches to 20 inches in DBH	15	350 ⁰⁰	5,250 ⁰⁰
4.	21 inches to 27 inches in DBH	15	475 ⁰⁰	7,125 ⁰⁰
5.	28 inches to 35 inches in DBH	15	800 ⁰⁰	12,000 ⁰⁰
6.	36 inches to 44 inches in DBH	15	1200 ⁰⁰	18,000 ⁰⁰
7.	45 inches to 54 inches in DBH	15	1500 ⁰⁰	22,500 ⁰⁰
8.	55 inches to 60 inches in DBH	15	1600 ⁰⁰	24,000 ⁰⁰
Group 2	Stump Grinding	Estimated Quantity	Unit Price	Extended Price
9.	0 inches to 6 inches in DBH	15	10 ⁰⁰	150 ⁰⁰
10.	7 inches to 12 inches in DBH	15	25 ⁰⁰	375 ⁰⁰
11.	13 inches to 20 inches in DBH	15	35 ⁰⁰	525 ⁰⁰
12.	21 inches to 27 inches in DBH	15	40 ⁰⁰	600 ⁰⁰
13.	28 inches to 35 inches in DBH	15	50 ⁰⁰	750 ⁰⁰
14.	36 inches to 44 inches in DBH	15	75 ⁰⁰	1,125 ⁰⁰
15.	45 inches to 54 inches in DBH	15	75 ⁰⁰	1,125 ⁰⁰
16.	55 inches to 60 inches in DBH	15	75 ⁰⁰	1,125 ⁰⁰
Group 3	Stump Removal	Estimated Quantity	Unit Price	Extended Price
17.	0 inches to 6 inches in DBH	15	10 ⁰⁰	150 ⁰⁰
18.	7 inches to 12 inches in DBH	15	25 ⁰⁰	375 ⁰⁰
19.	13 inches to 20 inches in DBH	15	35 ⁰⁰	525 ⁰⁰
20.	21 inches to 27 inches in DBH	15	40 ⁰⁰	600 ⁰⁰
21.	28 inches to 35 inches in DBH	15	50 ⁰⁰	750 ⁰⁰
22.	36 inches to 44 inches in DBH	15	75 ⁰⁰	1,125 ⁰⁰
23.	45 inches to 54 inches in DBH	15	75 ⁰⁰	1,125 ⁰⁰
24.	55 inches to 60 inches in DBH	15	75 ⁰⁰	1,125 ⁰⁰
Group 4	Limb Removal	Estimated Quantity	Unit Price	Extended Price
25.	0 inches to 6 inches in diameter	15	25 ⁰⁰	375 ⁰⁰
26.	7 inches to 12 inches in diameter	15	50 ⁰⁰	750 ⁰⁰
27.	13 inches to 20 inches in diameter	15	100 ⁰⁰	1,500 ⁰⁰
Group 5	Maintenance of Traffic	Estimated Quantity	Unit Price	Extended Price
28.	Shoulder Closure	4	250 ⁰⁰	1,000 ⁰⁰
29.	Lane Closure	2	475 ⁰⁰	950 ⁰⁰
30.	Flagmen	2	125 ⁰⁰	250 ⁰⁰

✓

Group 6	Mobilization	Estimated Quantity	Unit Price	Extended Price
31.	Stump Grinding without Tree Removal	5	50 ⁰⁰	250 ⁰⁰
32.	Stump Removal without Tree Removal	5	50 ⁰⁰	250 ⁰⁰
Group 7	Special Conditions	Estimated Quantity	Unit Price	Extended Price
33.	Additional Cost for Hazardous Trees (All Sizes)	5	400 ⁰⁰	2000 ⁰⁰
34.	Rapid Response (All Sizes)	2	350 ⁰⁰	700 ⁰⁰
35.	Emergency Response (All Sizes)	2	750 ⁰⁰	1500 ⁰⁰

Basis of Bid Award

Total of Extended Price of Items 1 through 35	117,375⁰⁰ 113,400.00
Hand Written Total of Extended Price of Items 1 through 35	One Hundred Seventeen Thousand Three Hundred Seventy-Five Dollars

COMPANY NAME: AMERICAN TREE SURGEONS

Bid #16/17-2, Tree Removal Services

Failure to complete all fields may result in your bid being rejected as non-responsive.

CORPORATE DETAILS:

COMPANY NAME: American Tree Surgeons
ADDRESS: 3586 Shinnecock Lane
Green Cove Springs, Fl. 32043
TELEPHONE: Cell #904-248-0048 Office 904-282-4213
FAX #: 904-529-1413
E-MAIL: JMaddox1@AOL-Com
Name of Person submitting Bid: Jim Maddox
Title: Owner
Signature: Jim Maddox
Date: 11-28-16
Area Representative Contact Information: 904-248-0048

ADDENDA ACKNOWLEDGMENT Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Bid No. 16/17-2
Tree Removal Services
Bid Comparison

Group 1	Tree Removal	Estimated Quantity	Bid 16/17-2		Bid 11/12-1		
			Unit Price	Extended Price	Unit Price	Unit Price Differential	% Increase
1	0" to 6" DBH	15	\$65.00	\$975.00	\$50.00	\$15.00	30%
2	7" to 12" DBH	15	\$165.00	\$2,475.00	\$150.00	\$15.00	10%
3	13" to 20" DBH	15	\$350.00	\$5,250.00	\$300.00	\$50.00	17%
4	21" to 27" DBH	15	\$475.00	\$7,125.00	\$350.00	\$125.00	36%
5	28" to 35" DBH	15	\$800.00	\$12,000.00	\$400.00	\$400.00	100%
6	36" to 44" DBH	15	\$1,200.00	\$18,000.00	\$575.00	\$625.00	109%
7	45" to 54" DBH	15	\$1,500.00	\$22,500.00	\$1,000.00	\$500.00	50%
8	55" to 60" DBH	15	\$1,600.00	\$24,000.00	\$1,150.00	\$450.00	39%
Group 2	Stump Grinding						
9	0" to 6" DBH	15	\$10.00	\$150.00	\$10.00	\$0.00	0%
10	7" to 12" DBH	15	\$25.00	\$375.00	\$15.00	\$10.00	67%
11	13" to 20" DBH	15	\$35.00	\$525.00	\$20.00	\$15.00	75%
12	21" to 27" DBH	15	\$40.00	\$600.00	\$25.00	\$15.00	60%
13	28" to 35" DBH	15	\$50.00	\$750.00	\$30.00	\$20.00	67%
14	36" to 44" DBH	15	\$75.00	\$1,125.00	\$35.00	\$40.00	114%
15	45" to 54" DBH	15	\$75.00	\$1,125.00	\$45.00	\$30.00	67%
16	55" to 60" DBH	15	\$75.00	\$1,125.00	\$50.00	\$25.00	50%
Group 3	Stump Removal						
17	0" to 6" DBH	15	\$10.00	\$150.00	\$10.00	\$0.00	0%
18	7" to 12" DBH	15	\$25.00	\$375.00	\$15.00	\$10.00	67%
19	13" to 20" DBH	15	\$35.00	\$525.00	\$20.00	\$15.00	75%
20	21" to 27" DBH	15	\$40.00	\$600.00	\$25.00	\$15.00	60%
21	28" to 35" DBH	15	\$50.00	\$750.00	\$30.00	\$20.00	67%
22	36" to 44" DBH	15	\$75.00	\$1,125.00	\$35.00	\$40.00	114%
23	45" to 54" DBH	15	\$75.00	\$1,125.00	\$45.00	\$30.00	67%
24	55" to 60" DBH	15	\$75.00	\$1,125.00	\$50.00	\$25.00	50%
Group 4	Limb Removal						
25	0" to 6" DBH	15	\$25.00	\$375.00			
26	7" to 12" DBH	15	\$50.00	\$750.00			
27	13" to 20" DBH	15	\$100.00	\$1,500.00			
Group 5	Maintenance of Traffic						
28	Shoulder Closure	4	\$250.00	\$1,000.00			
29	Lane Closure	2	\$475.00	\$950.00			
30	Flagmen	2	\$125.00	\$250.00			
Group 6	Mobilization						
31	Stump Grinding without Tree Removal	5	\$50.00	\$250.00	\$50.00	\$0.00	0%
2	Stump Removal without Tree Removal	5	\$50.00	\$250.00	\$50.00	\$0.00	0%
Group 7	Special Conditions						
33	Additional Cost for Hazardous Trees (All Sizes)	5	\$400.00	\$2,000.00	\$400.00	\$0.00	0%
34	Rapid Response (All Sizes)	2	\$350.00	\$700.00	\$350.00	\$0.00	0%
35	Emergency Response (All Sizes)	2	\$750.00	\$1,500.00	\$750.00	\$0.00	0%
	Total			\$113,400.00			

Bid #16/17-2, Tree Removal Services
(As provided by the Public Works Department)

1. GENERAL REQUIREMENTS/SPECIFICATIONS

1.1. The purpose of this solicitation is to establish a contract for Tree Removal Services in conjunction with the County's needs on an as needed basis. The removal of trees and related services will take place in roadways, right-of-ways, easements, and on County-owned property throughout Clay County. Tree Removal Services will encompass the removal of trees, stump grinding, stump removal, tree trimming, clean up, and disposal of trees and debris, as well as technical assistance.

1.2. Where and if applicable; the work performed under these specifications and all materials used shall conform with the Florida Department of Transportation (FDOT) Standard Specifications for Road and Bridge Construction and the Florida Department of Transportation Design Standards, and the Clay County Tree Protection and Landscaping Standards, Ordinance # 2003-19 the latest editions and supplements.

1.3. All Work shall be performed during normal County business hours (7:00 a.m. to 3:30 p.m.) on non-holiday weekdays, unless otherwise authorized by the designated Clay County Representative. Any work performed outside of normal County business hours shall require prior County approval.

2. RESPONSIBILITIES

2.1. It shall be the responsibility of the Designated Clay County Representative to oversee all tree trimming and removal projects and to ensure that all policies set forth by Clay County and the Florida Department of Transportation are adhered to.

2.2. Contractor must have at least five (5) years verifiable experience in tree trimming, removal, and stump grinding and removal and possess or have full access to the appropriate equipment to complete each project.

2.3. The County shall have the right to review references, experience of assigned personnel, and qualifications of the Contractor and any subcontractors in order to make the final determination of acceptability to be awarded the contract and perform the work.

2.4. When requested, Contractor and any subcontractors shall provide three (3) written letters of reference on Agency/Company letterhead where like work was performed.

2.5. The Contractor shall be liable at all times for the actions of the Contractor's work force, which shall remain under the direct supervision of the Contractor.

2.6. The Contractor shall at all times keep the Designated County Representative apprised of the progress of any project or work, working conditions, changes in service or scope, or any actions associated with the contract.

2.7. The County shall keep the Contractor apprised of any upcoming projects and shall allow the Contractor a reasonable time for mobilization prior to a notice to proceed being given unless it is an emergency need.

3. SAFETY

3.1. All standard equipment, work operations, safety equipment, personal protective equipment, and lighting required or mandated by State, Federal, OSHA, or ADA regulations must be provided. All equipment safety devices installed by the manufacturer shall be in place and in proper working order at all times. The Designated Clay County Representative shall have the option to shut down the project if it is determined an unsafe situation exists. Contractors shall shut down immediately upon notice and will not resume work until the unsafe condition has been remedied.

3.2. Should the work site be in a hazardous area, the County shall furnish the Contractor with information concerning known hazards such as types or identification of known toxic material, machine hazards, Safety Data Sheets, or any other information that would assist the Contractor in the planning of a safe work site. The Contractor shall be aware that while working for the County, representatives from agencies such as the United States Department of Labor, Occupational Safety and Health Administration (OSHA), and the Division of Safety, State of Florida, are invitees and need not have warrants or permission to enter the work site. These agencies enter at the pleasure of the County.

3.3. The Contractor shall designate a competent person of its organization whose duty shall be the prevention of accidents at the site. This person shall be literate and able to communicate fully in the English language because of the necessity to read job instructions and signs, as well as the need for conversing with management personnel. This person shall also be the Contractor's superintendent unless otherwise designated in writing by the Contractor to the County. All communications to the superintendent shall be as binding as if given to the Contractor.

4. MAINTENANCE OF TRAFFIC

4.1. The Contractor shall observe at all times those provisions and requirements of Florida Department of Transportation's Standard Specifications for Road and Bridge Construction (Section 102 Maintenance of Traffic), the Florida Department of Transportation's Design Standards, and the Manual on Uniform Traffic Control Devices (MUTCD) latest editions and supplements.

4.2. For residential streets, no formal maintenance of traffic (MOT) is required when vehicles and equipment can be legally parked on the street. Vehicles and pedestrians are to be kept out of the work area during hazardous operations. For non-residential sites where vehicles, equipment and workers are behind an existing barricade, more than 2'

behind a curb or more than 15' from the edge of a travel way, no MOT is required (DOT Indices 601 and 611). For non-residential sites where vehicles, equipment and workers are more than 2' but less than 15' from the edge of the travel way, shoulder closure might be required (FDOT Indices 602 and 612). For non-residential sites where vehicles, equipment and workers are between the centerline but less than 2' from the edge of the travel way, lane closure is required (FDOT Indices 603 and 613).

4.3. When MOT is required, the Contractor shall provide the County certification documents for their Worksite Traffic Supervisor who shall be responsible for initiating, installing, and maintaining all traffic control devices as described in Florida Department of Transportation's Standard Specifications for Road and Bridge Construction (Section 102 Maintenance of Traffic). The Worksite Traffic Supervisor shall have experience directly related to Worksite traffic control in a supervisory or responsible capacity.

4.4. The responsibility for the installation and maintenance of adequate traffic control devices, warning devices and barriers for the protection of the traveling public and workers, as well as to safeguard the work area in general shall rest with the Contractor.

4.5. Payment for shoulder or lane closures and flagmen, if required, shall be based on the appropriate bid item.

4.6. The Worksite Traffic Supervisor shall:

4.6.1. Be available on a 24-hour per day basis and shall review any project on a day to day basis as well as being involved in all changes to traffic control.

4.6.2. Have access to all equipment and materials needed to maintain traffic control and handle all traffic related situations.

4.6.3. Shall ensure that any safety deficiencies in traffic control are corrected immediately.

4.6.4. Shall be present to direct the initial setup of the traffic control plan and any subsequent changes to the plan.

4.6.5. Shall be available on the site within 1 hour after notification of an emergency situation, prepared to positively respond to traffic control needs or to provide alternate traffic arrangements.

4.7. Supervisor for Emergencies and Rapid Response: The Contractor shall have a responsible person available at or reasonably near the Work site in order that they may be contacted in emergencies and in cases where immediate action must be taken in order to maintain traffic or to handle any other problem that may arise. The Contractor's responsible person for supervision for emergencies shall clearly speak and understand

English. The Contractor shall submit phone numbers and names of personnel designated to be contacted in cases of emergencies.

5. EXAMINATION OF BID DOCUMENTS

5.1. Before submitting a proposal, each Bidder shall carefully examine the complete Bid package, including but not limited to: Invitation to Bid, Instructions to Bidders, General Conditions, Special Conditions, Specifications, and all Addenda thereto, any and all of which contain provisions applicable to the successful Bidder.

5.2. A Bidder is expected to base its Bid on those unit quantities listed on the Bid Sheet, which shall be fully inclusive. These quantities are estimates only and are strictly for the purpose of establishing a basis to award the bid.

6. WITHHELD PAYMENT

6.1. The County may decline to make payment, may withhold funds and, if necessary, may demand the return of some or all of the amounts previously paid to the Contractor, to protect the County from loss because of:

6.2. Defective Work not remedied by the Contractor nor, in the opinion of the County, likely to be remedied by the Contractor;

6.3. Claims of third parties against the County or County property;

6.3.1. Failure by the Contractor to pay Subcontractors or others in a prompt and proper fashion;

6.3.2. Persistent failure to carry out the Work in accordance with the Bid;

6.3.3. Damage to the County or a third party to whom the County may be liable.

7. COMPLETION OF WORK

7.1. When all Work is complete and the Contractor is ready for a final inspection, the Contractor shall notify the Designated County Representative; who shall make final inspection of the Work and determine if the Work is complete and in full accordance with this Bid. Then the Designated County Representative shall approve the final proper invoice for payment.

7.2. Acceptance of final payment shall constitute a waiver of all claims against the owner by the Contractor except for those claims previously made in writing against the County by the Contractor, pending at the time of final payment, and identified in writing by the Contractor as unsettled at the time of its request for final payment.

8. CONTRACT ADMINISTRATION

8.1. The County and the Contractor shall communicate with each other in the first instance only through the Designated Clay County Representative.

8.2. With reasonable promptness on request of the Contractor the Designated County Representative shall render written or graphic interpretations necessary for the proper execution or progress of the Work or project. The Designated County Representative shall be the initial interpreter of the requirements of any job and shall be the judge of the performance of the Contractor.

9. CLAIMS BY THE CONTRACTOR

9.1. Claims for Concealed and Unknown Conditions - Should concealed and unknown conditions be encountered in the performance of the work, the Contractor shall stop work immediately, contact the Clay County Designated Representative for the project for a determination of how to proceed.

9.2. The County shall not be liable to the Contractor for claims of third parties, including subcontractors.

10. TECHNICAL SPECIFICATIONS

10.1. This is a supplemental work contract designed to aid and enhance the services already provided to the citizens of Clay County by the County Departments. Work shall take place in the following areas within the County:

10.1.1. Road and other public rights-of-way

10.1.2. County owned and leased buildings and property

10.1.3. County Parks and Boat Ramps

10.2. **NO QUANTITIES ARE GUARANTEED FROM THIS SOLICITATION.** Any contract entered into will be an indefinite quantity type. Orders will be issued throughout the contract period as needs are determined. The estimated quantities set forth in the pricing tables are used for evaluation purposes only.

10.3. The completion date for routine Work shall not exceed ten (10) business days after the effective date of Purchase Order. If the Contractor fails to have the work completed by the specified time, the County may at its discretion hire another company to complete the work as needed. Any additional cost derived because of the Contractors failure to complete the work as assigned shall be deducted from the Contractors invoice.

10.4. The Contractor shall contact the Designated Clay County Representative one (1) day prior to starting any job excluding Emergency or Rapid Response/Safety Hazard

Work. All work, once started, shall be completed including grinding/removal of the stump before any other work shall commence on subsequent Work documents. The only exception to this occasion is when the County determines that such other Work is in the best interest of the County and should be expedited.

11. SCHEDULE OF WORK

11.1. The Contractor shall schedule tree trimming and removal operations as directed by the Designated Clay County Representative.

11.2. This work can be expected to occur at any time throughout the year.

11.3. Each job must be inspected upon completion by the Designated County Representative.

12. EQUIPMENT

12.1. The Contractor shall have sufficient equipment in their possession prior to this bid to execute any and all work required under this bid in a timely and professional manner.

12.2. The Contractor shall make available upon request a list of owned equipment which shall be used in the performance of the work. This equipment shall be available for inspection if the County desires prior to the bid award and at any time during the term of this bid.

12.3. The Contractor shall maintain all of their equipment in a manner to assure safe operation at all times.

12.4. The Contractor shall be responsible for the supply of all necessary fuel, lubricants, and maintenance of Contractor-owned equipment.

13. PERSONNEL

13.1. The Contractor must provide adequate personnel for the specified work.

13.2. The County reserves the right to approve all subcontractors for this contract. Responsibility for the performance of the contract remains exclusively with the Contractor.

13.3. Subcontractors may be added to this contract during the contract period only with PRIOR WRITTEN PERMISSION from Clay County, and only for reasonable cause, as judged by the County.

14. COMPLAINTS AND DAMAGE

14.1. The Contractor shall answer all complaints resulting from the performance of the work such as, but not limited to, damage to mailboxes, signs, fences, other trees, etc., immediately and make good repairs within five (5) calendar days.

14.2. All repairs carried out as a result of performance of the work shall be at the Contractors expense.

14.3. If the Contractor fails to resolve a validated complaint, the County reserves the right to correct the problem, and deduct the cost of the repairs, plus five (5) percent for administrative costs, from the Contractor's final payment for the job.

15. NOTIFICATION TO PROCEED

15.1. When Public Works receives a complaint or a service request concerning trees, the Clay County Designated Representative will inspect the trees, make a determination on work required, and mark them as follows:

15.1.1. If it is determined that the tree(s) must be removed, a 1 foot diameter orange "circled X" will be painted on the tree, head high, facing the street or road. No other marks should be made.

15.1.2. If it is determined that the tree(s) should be trimmed only, a 2 inch diameter orange "spot" shall be painted on the tree, waist high, facing the street or road. No other marks should be made.

15.2. A Vendor copy of an approved Purchase Order will be utilized as a notice to proceed and will be issued by electronic means (email or fax) to the contractor except in the case of an emergency.

15.2.1. If the contractor has any questions arising from the notification to proceed, they shall contact the County Designated Representative who will then be responsible for resolving the problem.

16. REPORTING AND INVOICING

16.1. The Contractor shall provide a record of all work performed and shall provide their own forms for this purpose. This record shall be written in English and be clearly legible.

16.2. The record shall identify the type of work, start time, finish time, road name or location, line item number from Bid Price Sheet, quantity of line item number, and any other information deemed necessary by the Contractor.

16.3. The invoice provided must be itemized utilizing the Bid Price Sheet line item number, quantity of line item number, and if necessary any mobilization, hazard, emergency or rapid response cost. Each item shall be itemized on an invoice provided to the County to process payment for the services provided.

17. PRIORITY AND CONTRACTOR RESPONSE

17.1. Priorities will be identified as follows:

<u>Priority</u>	<u>Action Required On Site Within</u>
Emergency	2 Hours
Rapid Response/Safety Hazard	4 Hours
Routine	10 Calendar Days

17.2. The successful contractor must provide themselves with an electronic communications system with record keeping capabilities and a direct communication method to the Designated County Representative.

17.3. If the Contractor is unable to comply with the above time frames, the Designated County Representative must be informed as soon as possible.

18. TECHNICAL REQUIREMENTS

18.1. The successful bidder is to familiarize themselves with Clay County Ordinance # 2003-19 Tree Protection and Landscaping Standards.

19. GENERAL

19.1. The Contractor shall guard against tree damage. Climbing irons, spurs and spikes are permitted only during the complete removal of a tree and not during any service or limb removal unless previously agreed upon by the Designated County Representative. Any tree damage caused by the Contractor will be repaired at no cost to the County and to the satisfaction of the Designated County Representative. If the tree dies due to the actions of the Contractor, the Contractor shall be required to promptly replace the tree with one of equal diameter and growth, or to compensate the County for the loss of the tree in an amount determined by the County to be fair market value of the damaged tree.

19.2. Additional cost for trees that overhang electrical wires or any hazardous removal shall be noted on the Bid Form attached to this solicitation. Hazardous conditions are defined as work that involves overhead electrical lines or above-ground structures. Items such as, but not limited to, fences, playgrounds, roads, etc. are not considered to be hazardous conditions as part of this solicitation and no hazard pay shall be given. If the Contractor feels that there is a hazard and it is not indicated on the work request, they shall contact the Designated County Representative before any work has started. If the Contractor chooses to start the work before contacting the Designated County Representative, no claim for additional cost associated with the work shall be allowed.

19.3. The equipment used must be in good repair and operating condition at all times. This service requires that all equipment shall be environmentally safe, such as no oil leaks or blowing of lines.

19.4. The Contractor shall call the Designated County Representative or designee upon completion of each work request. The Designated County Representative shall inspect the project and acknowledge that the job has been completed satisfactorily.

19.5. Any discrepancy concerning the size of a tree or whether or not there is a hazard shall be clarified between the Contractor and Designated County Representative or designee before any work has been started. If the Contractor chooses to start the work before the item has been clarified, the Contractor agrees to charge according to the size and condition as stated on the Work Request Form.

19.6. If any service is anticipated to take place on adjoining private property, the County shall contact the owner of the property to procure a "Temporary Easement". The County will retain the original of this completed form

20. TREE REMOVAL

20.1. The removal of a tree shall be accomplished by removing and lowering to the ground suitable sized sections of limbs and trunks, starting at the top and working progressively downward to the ground. The main trunk shall be sawed off at or near the ground surface.

20.2. Before making any cuts, suitable ropes, slings, guide lines and block/tackle shall be securely fastened to the section to be removed, in a manner that will prevent free, rapid and uncontrolled descent of that section.

20.3. Tree Removal Classification: Trees are measured uniformly at 4-½ feet above ground, referred to as the Diameter Breast Height (DBH). For multi-stemmed plants, when branching from the main trunk or root system below the 4-½ foot level, each stem is to be considered a separate tree. Tree classifications are as follows:

Trees with a DBH of 0" to 6"

Trees with a DBH of 7" to 12"

Trees with a DBH of 13" to 20"

Trees with a DBH of 21" to 27"

Trees with a DBH of 28" to 35"

Trees with a DBH of 36" to 44"

Trees with a DBH of 45 to 54"

Trees with a DBH of 55" to 60"

21. STUMP GRINDING

21.1. When specified by the Designated County Representative, the stump and major roots projecting through or appearing on the surface of the ground within a 10' radius of the center of the stump shall be removed by means of chipping equipment designed specifically for this purpose. Cost for this service shall be priced separately on the provided Bid price sheet for each size category of tree removal.

21.2. The stump shall be ground to a depth of six (6") inches below the surface of the soil. The resulting wood chips shall be tamped and mounded at no more than three (3") inches high to allow for decomposition of root mass.

21.3. The Contractor shall properly dispose of waste and debris associated with the performance of this work.

21.4. In the event that a multi-trunk tree is being removed, the Contractor shall base the price of stump grinding by measuring the diameter at the location just below where the tree splits.

21.5. Mobilization for stump grinding shall only be authorized when tree removal or tree trimming is not included in the County's request for service.

22. STUMP REMOVAL

22.1. When specified by the Designated County Representative, the stump and major roots projecting through or appearing on the surface of the ground within a 10' radius of the center of the stump shall be removed with the use of an excavator or by hand. Blasting or pushing stumps out with bulldozers will not be permitted.

22.2. It shall be the responsibility of the Contractor to have all utilities located before removal of the stump starts. Any damage to any utilities, or any other road side amenities caused by the Contractor shall be the responsibility of the Contractor. Clay County shall share no expense with regards to the repair of said utilities. If the Contractor fails to repair utility in a timely manner, Clay County may at its discretion hire an independent Contractor to make the repairs. The County will withhold the cost of the repair from any outstanding invoices, or invoice the Contractor directly.

22.3. Cost for this service shall be priced separately with the proposal for each size category of tree removal.

22.4. The resulting hole shall be filled with suitable topsoil and shall be adequately compacted to prevent settling. If settling does occur, it shall be the responsibility of the Contractor to refill and compact again. The finished product shall match the existing surrounding grade.

22.5. The Contractor shall properly dispose of waste debris associated with the performance of this work.

22.6. In the event that a multi-trunk tree is being removed, the Contractor shall base the price of stump removal by measuring the diameter at the location just below where the tree splits.

22.7. Mobilization for stump removal shall only be authorized when tree removal or tree trimming is not included in the County's request for service.

23. TREE TRIMMING CLASSIFICATIONS

23.1. This work pertains to the removal of specified limbs that are deemed hazardous or to permit vehicle movement or similar activity.

23.2. Limbs to be removed will be determined by the Designated County Representative. The specific limbs and diameter of the limbs to be removed shall be agreed upon by the Contractor and the Designated County Representative prior to removal.

24. PAYMENT

24.1. The cost of work performed will be paid for at the unit price(s) listed on the bid sheet, and shall include all work, labor, equipment, tools, transportation, and fuel necessary to complete the job.

24.2. No work other than that listed on the bid sheet will be considered for payment under this bid.

24.3. No invoice will be accepted until completion of the work performed meets final inspection.

24.4. Payment of invoices will be made in accordance with the Clay County Board of Commissioners Purchasing Manual, and the Local Government Prompt Payment Act; in effect, not later than 45 days from receipt of a proper invoice.

25. EXCLUSIONS

25.1. This bid proposal shall not apply to the following conditions:

25.2. Trees with a caliper greater than sixty (60) inches.

25.3. Trees or stumps filled with concrete or other foreign material.

25.4. Trees requiring special handling due to their size or difficult site conditions.

26. BID TERM

26.1. Upon the completion and submittal of all required pre-award documents, the prices resultant from this bid solicitation shall prevail for the full duration of the initial term unless otherwise indicated elsewhere in this document. The performance period of the Bid shall remain in effect for thirty-six (36) months, and then the Bid will remain in effect until completion of any expressed and/or implied warranty period. The County specifically reserves the right to increase or decrease any or all of the authorized tasks. The Contractor further agrees to provide additional services that the County may desire, and which shall be mutually negotiated regarding scope, timing, and fees, and described by written amendments to this Bid.

26.2. The bid prices resultant from this solicitation shall prevail for the full duration of the initial bid term unless otherwise indicated elsewhere in this document. Prior to completion of the initial term of this Bid, the County shall have the option to renew this Bid for an additional two (2) one (1) year periods.

26.3. Prior to completion of each exercised bid term, the County may consider an adjustment to price based on changes in the following pricing index: Consumer Price Index (CPI), as provided by the U.S. Department of Labor, CPI-U, US City Average, All Items.

26.4. Additional charges for fuel and bituminous indexes, environmental surcharges, disposal of waste, landfill costs, rental equipment, delivery charges, or employment of additional personnel to accomplish a task will not be authorized. These costs are considered to be included in the Bid proposal for each line item and category.

26.5. It is the Contractor's responsibility to request any pricing adjustment under this provision. For any adjustment to commence on the first day of any exercised option period, the Contractor's request for adjustment should be submitted prior to expiration of the then current contract term. The Contractor adjustment request must clearly substantiate the requested increase. The request for adjustment shall not be in excess of the relevant pricing index change. If no adjustment request is received from the Contractor, the County will assume that the Contractor has agreed that the optional term may be exercised without pricing adjustment. Any adjustment request received after the commencement of a new option period shall not be considered.

27. CLEAN-UP AND RESTORATION

27.1. All unusable materials and debris shall be removed from the premises at the end of each project, and disposed of in an appropriate manner. Upon final completion, the Contractor shall thoroughly clean up all areas where work has been involved as mutually agreed with the Designated County representative.

27.2. The Contractor shall be responsible for the removal of all surplus material and debris occurring from this work. The Contractor shall take precautions against damage to public and private property during the course of this work. Should damage occur, by omission or commission, the Contractor shall, at its own expense, restore damaged property to a condition similar or equal to that existing before damage was done. In the event the Contractor fails to restore the damaged property, the County reserves the right to secure the required services and withhold the costs of such services from the final project invoice.

28. PROTECTION OF PROPERTY

28.1. Incidental damage to public and/or private property caused by the Contractor in providing these services shall be the responsibility of the Contractor to repair. Any damage to items including, but not limited to inlets, manholes, junction boxes, culverts, under drains, curb and gutter, sidewalks, pavement, fencing, roadway shoulders, signs or signals, and guardrail, shall be corrected in strict conformance with Florida Department of Transportation (FDOT) Standard Specifications for Road and Bridge Construction and the Florida Department of Transportation Design Standards, Clay County Tree Protection and Landscaping Standards, Ordinance # 2003-19 the latest editions and supplements.

28.2. If any ground digging or subsurface work is needed it shall be done in accordance with the Florida Statute Chapter 556. It shall be the responsibility of the Contractor to have all underground utilities located before any work shall begin. This can be done by contacting Sunshine State One Call. They may be reached by calling 1-800-432-4770. The repairs of any damaged underground utilities as a result of the work being performed by the Contractor shall be the responsibility of the Contractor. The proper utility company shall be contacted immediately if damage has occurred to expedite the repairs. Clay County shall also be notified.

28.3. The Contractor assumes the risk of loss or damage to the County's property during possession of such property by the Contractor, and until delivery to, and acceptance of, that property to the County. The Contractor shall immediately repair, replace or make good on the loss or damage without cost to the County, whether the loss or damage results from acts or omissions (negligent or not) of the Contractor or a third party.

29. FINAL INSPECTION

29.1. Upon written notice from the Contractor that a service has been completed (or upon receipt of an invoice for a completed service), the Designated County Representative will make a final inspection. The Designated County Representative shall notify the Contractor in writing of any deficiencies, if any, with the service. The Contractor shall correct all deficiencies before final acceptance and payment is made. If the deficiencies have not been completed the Designated County Representative shall send out a second notification. The Contractor shall have ten (10) days to correct all

deficiencies. The Contractor shall notify the Designated County Representative when the work has been completed.

30. HAZARDOUS MATERIALS

30.1. The Contractor is responsible for notifying the Designated County Representative of any hazardous materials used on the work site and providing them with a copy of the Safety Data Sheets (SDS) as required by the Florida Right-to-Know-Law, as applicable.

30.2. Any spillage of hazardous chemicals and/or wastes caused by the Contractor must be reported immediately to the Designated County Representative and cleaned up in accordance with all Local, State and Federal Regulations. The cost of cleanup of any spillage of hazardous chemicals caused by the Contractor shall be the sole responsibility of the Contractor and the County shall share no responsibility with these costs. A copy of a complete report showing compliance with local, state, and federal agencies shall be given to the County.

Bid Invitations Sent to the Following Companies for:
Bid #16/17-2, Tree Removal Services

J B Coxwell Contracting, Inc.
Roadscape North Florida, Inc.
Gibbs and Register, Inc.
DeAngelo Brothers, Inc.
Orange Park Tree Surgeons
Big Branch Tree Service
Evans Contracting Services
BAMACO, Inc.
Shaw's Land Clearing, LLC
Luke Brothers, Inc.
Roberts Tree Service, Inc.
Mac's Tree Service, Inc.
Carter Boys, Inc.
Tree Tech Service, Inc.
All Star Tree & Field Services
All Florida Tree & Landscape, Inc.
Northpointe Services, Inc.
Stewart's Tree Service
Onyx Site Services
H & H Environmental Services
Custom Tree Care, Inc.
Construction Journal
Michael Gray
Prime Vendor
M D Jackson Construction
American Tree Surgeons
R P Construction

Bid #16/17-2. Tree Removal Services

Failure to complete all fields may result in your bid being rejected as non-responsive.

CORPORATE DETAILS:

COMPANY NAME: American Tree Surgeons
ADDRESS: 3586 Shinnecock Lane
Green Cove Springs, Fl. 32043
TELEPHONE: Cell #904-248-0048 Office 904-282-4213
FAX #: 904-529-1413
E-MAIL: Jmaddox1@aol.com
Name of Person submitting Bid: Jim Maddox
Title: Owner
Signature: Jim Maddox
Date: 11-28-16
Area Representative Contact Information: 904-248-0048

ADDENDA ACKNOWLEDGMENT Bidder acknowledges receipt of the following addendum:

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Addendum No. _____ Date: _____ Acknowledged by: _____

Bid No 16/17-2, Tree Removal Services

Group 1	Tree Removal	Estimated Quantity	Unit Price	Extended Price
1.	0 inches to 6 inches in DBH	15	6.5 ⁰⁰	97.5 ⁰⁰
2.	7 inches to 12 inches in DBH	15	16.5 ⁰⁰	2,475 ⁰⁰
3.	13 inches to 20 inches in DBH	15	3.50 ⁰⁰	52.50 ⁰⁰
4.	21 inches to 27 inches in DBH	15	47.5 ⁰⁰	7,125 ⁰⁰
5.	28 inches to 35 inches in DBH	15	800 ⁰⁰	12,000 ⁰⁰
6.	36 inches to 44 inches in DBH	15	1200 ⁰⁰	18,000 ⁰⁰
7.	45 inches to 54 inches in DBH	15	1500 ⁰⁰	22,500 ⁰⁰
8.	55 inches to 60 inches in DBH	15	1600 ⁰⁰	24,000 ⁰⁰
Group 2	Stump Grinding	Estimated Quantity	Unit Price	Extended Price
9.	0 inches to 6 inches in DBH	15	10 ⁰⁰	150 ⁰⁰
10.	7 inches to 12 inches in DBH	15	25 ⁰⁰	375 ⁰⁰
11.	13 inches to 20 inches in DBH	15	3.5 ⁰⁰	52.5 ⁰⁰
12.	21 inches to 27 inches in DBH	15	40 ⁰⁰	600 ⁰⁰
13.	28 inches to 35 inches in DBH	15	50 ⁰⁰	750 ⁰⁰
14.	36 inches to 44 inches in DBH	15	75 ⁰⁰	1,125 ⁰⁰
15.	45 inches to 54 inches in DBH	15	75 ⁰⁰	1,125 ⁰⁰
16.	55 inches to 60 inches in DBH	15	75 ⁰⁰	1,125 ⁰⁰
Group 3	Stump Removal	Estimated Quantity	Unit Price	Extended Price
17.	0 inches to 6 inches in DBH	15	10 ⁰⁰	150 ⁰⁰
18.	7 inches to 12 inches in DBH	15	25 ⁰⁰	375 ⁰⁰
19.	13 inches to 20 inches in DBH	15	3.5 ⁰⁰	52.5 ⁰⁰
20.	21 inches to 27 inches in DBH	15	40 ⁰⁰	600 ⁰⁰
21.	28 inches to 35 inches in DBH	15	50 ⁰⁰	750 ⁰⁰
22.	36 inches to 44 inches in DBH	15	75 ⁰⁰	1,125 ⁰⁰
23.	45 inches to 54 inches in DBH	15	75 ⁰⁰	1,125 ⁰⁰
24.	55 inches to 60 inches in DBH	15	75 ⁰⁰	1,125 ⁰⁰
Group 4	Limb Removal	Estimated Quantity	Unit Price	Extended Price
25.	0 inches to 6 inches in diameter	15	25 ⁰⁰	375 ⁰⁰
26.	7 inches to 12 inches in diameter	15	50 ⁰⁰	750 ⁰⁰
27.	13 inches to 20 inches in diameter	15	100 ⁰⁰	1,500 ⁰⁰
Group 5	Maintenance of Traffic	Estimated Quantity	Unit Price	Extended Price
28.	Shoulder Closure	4	250 ⁰⁰	1,000 ⁰⁰
29.	Lane Closure	2	475 ⁰⁰	950 ⁰⁰
30.	Flagmen	2	125 ⁰⁰	250 ⁰⁰

Group 6	Mobilization	Estimated Quantity	Unit Price	Extended Price
31.	Stump Grinding without Tree Removal	5	50 ⁰⁰	250 ⁰⁰
32.	Stump Removal without Tree Removal	5	50 ⁰⁰	250 ⁰⁰
Group 7	Special Conditions	Estimated Quantity	Unit Price	Extended Price
33.	Additional Cost for Hazardous Trees (All Sizes)	5	400 ⁰⁰	2000 ⁰⁰
34.	Rapid Response (All Sizes)	2	350 ⁰⁰	700 ⁰⁰
35.	Emergency Response (All Sizes)	2	750 ⁰⁰	1500 ⁰⁰

Basis of Bid Award

Total of Extended Price of Items 1 through 35	117,375 ⁰⁰
Hand Written Total of Extended Price of Items 1 through 35	One Hundred Seventeen Thousand Three Hundred Seventy-Five Dollars

COMPANY NAME: AMERICAN TREE SURGEONS

**BOARD OF COUNTY COMMISSIONERS
CLAY COUNTY, FLORIDA**

REQUEST FOR BIDS

Bid No. 16/17-2, TREE REMOVAL SERVICES

DUE DATE: Monday December 5, 2016- 4:00 pm
OPEN DATE: Tuesday, December 6, 2016 -1:00 pm



Issued By:
Clay County Board of County Commissioners
Purchasing Division

**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion Form**

- (1) The prospective Vendor, American Tree Surgeons certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal Department or Agency.
- (2) Where the Vendor is unable to certify to the above statement, the prospective Vendor shall attach an explanation to this form.

Vendor:

American Tree Surgeons

By: Jim Maddox
Signature

Jim Maddox / Owner
Name and Title

3586 SHINNEDOCK LANE
Street Address

Green Cove Springs, Fl. 32043
City, State, Zip

11-28-16
Date

Scrutinized Companies Certification
[Clay County BID NO. Bid #16/17-2, Tree Removal Services]

Name of Company:¹ American Tree Surgeons

In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.

Insert Name of Company:

American Tree Surgeons

(Seal)

By:

Jim M. Alder

Its

Owner/Operator

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.

"NO BID" Statement
Bid #16/17-2, Tree Removal Services

If your company does not intend to bid on this procurement, please complete and return this form prior to the date shown for receipt of bids to: Clay County Purchasing Division, Attn: Donna Fish, P.O. Box 1366, Green Cove Springs, FL 32043

We, the undersigned, decline to bid on the above referenced invitation to bid for the following reasons:

- NA
- ☒ Specifications are too restrictive (please explain below or attach separately)
 - ☐ Unable to meet specifications
 - ☐ Specifications were unclear (please explain below or attach separately)
 - ☐ Insufficient time to respond
 - ☐ We do not offer this product or service
 - ☐ Our schedule would not permit us to perform at this time
 - ☐ Unable to meet bond requirements
 - ☒ Other (please explain below or attach separately)

Remarks:

Company Name: _____ Telephone #: _____

Signature: _____ Fax #: _____

Print Name: _____ Title: _____

Address: _____

City: _____

Zip: _____

NA

NA

Form (Rev. October 2007) Department of the Treasury Internal Revenue Service	W-9		Request for Taxpayer Identification Number and Certification		Give form to the requester. Do not send to the IRS.
	Name (as shown on your income tax return)				
Print or type See Specific Instructions on page 2.	Business name, if different from above American Tree Surgeons ATS Inc.				
	Check appropriate box: <input type="checkbox"/> Individual/Sole proprietor <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) ▶ <input type="checkbox"/> Exempt <input type="checkbox"/> Other (see instructions) ▶				Exempt payee
	Address (number, street, and apt. or suite no.) 3586 Shinnecock Lane				Requester's name and address (optional)
	City, state, and ZIP code Green Cove Springs, FL 32043				
List account number(s) here (optional)					

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number
or
Employer identification number 80-0087457

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here	Signature of U.S. person Jim Deddox	Date 11-28-16
--------------	---	----------------------

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity,

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER USI Insurance Svcs LLC, SCL Deerwood North Building 300 4601 Touchton Rd, Suite 3210 Jacksonville, FL 32246		CONTACT NAME: Select Commercial PHONE (A/C, No, Ext): 813-321-7500 FAX (A/C, No): 813-321-7525 E-MAIL ADDRESS: selectcommercial@usi.biz	
INSURED American Tree Surgeons, Inc. 3586 Shinnecock Lane Green Cove Springs, FL 32043		INSURER(S) AFFORDING COVERAGE	
		INSURER A: Wesco Insurance Company	
		INSURER B: Progressive Express Insurance C	
		INSURER C:	
		INSURER D:	
		INSURER E:	
		NAIC # 25011	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> PD Ded:1,000 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			WPP114753902	04/06/2016	04/06/2017	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
B	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			057826949	05/22/2016	05/22/2017	COMBINED SINGLE LIMIT (Ea accident) \$100,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

Clay County
 400 Houston Street
 Green Cove Springs, FL 32048

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/30/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy (ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:
FrankCrum Insurance Agency, Inc. 100 South Missouri Avenue Clearwater, FL 33756	PHONE (A/C, No, Ext): (800) 277-1620 X4800 FAX (A/C, No): (727) 797-0704
	E-MAIL ADDRESS:
	INSURER(S) AFFORDING COVERAGE
	INSURER A: Frank Winston Crum Insurance Company
	INSURER B:
	INSURER C:
	INSURER D:
	INSURER E:
	INSURER F:

COVERAGES CERTIFICATE NUMBER: 413434 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSRD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE \$
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
							MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE \$
	<input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC						PRODUCTS-COMP/OP AGG \$
	OTHER:						\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> OWNED AUTOS ONLY	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS ONLY	<input type="checkbox"/> NON-OWNED AUTOS ONLY					PROPERTY DAMAGE (Per accident) \$
							\$
	UMBRELLA LIAB	<input type="checkbox"/> OCCUR					EACH OCCURRENCE \$
	EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE \$
	DED <input type="checkbox"/> RETENTION \$						\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/>	N/A	WC201600000	01/01/2016	01/01/2017	X PER STATUTE OTH-ER \$
							E.L. EACH ACCIDENT \$1,000,000
							E.L. DISEASE-EA EMPLOYEE \$1,000,000
							E.L. DISEASE-POLICY LIMIT \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Effective 05/01/2006, coverage is for 100% of the employees of FrankCrum leased to American Tree Surgeons, Inc (Client) for whom the client is reporting hours to FrankCrum. Coverage is not extended to statutory employees.

CERTIFICATE HOLDER

CANCELLATION

Clay County Public Works
at Green Cove Springs
100 Houston Street
Green Cove Springs, FL 32043

AUTHORIZED REPRESENTATIVE

**BOARD OF COUNTY COMMISSIONERS
CLAY COUNTY, FLORIDA**

REQUEST FOR BIDS

Bid No. 16/17-2, TREE REMOVAL SERVICES

**8:00 pm
1:00 pm**

RECEIVED
PURCHASING DIVISION

2016 DEC -2 A 11:45

CLAY COUNTY BOARD OF
COMMISSIONERS

Clay County Purchasing Division
477 Houston Street
PO Box 1366
Green Cove Springs, FL 32043

Receipt for Bid #: 16 / 17-2

Company Name: _____

American Tree Surgeons



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Finance and Audit Committee

DATE: 12/22/2016

FROM: Courtney K. Grimm

SUBJECT:

Approval of Proposed First Amendment to Adult Drug Court 2016-17 Funding Agreement (#2016/17-13). There is no change in contract amount. (See attachments for additional information.) Funding Source: 134-1067-531000 (State Court/Local Req Fund - Drug Court - Professional Svcs)

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

At the request of Teri Hamlyn, Director of Treatment Courts, Fourth Judicial Circuit, this First Amendment is being submitted in order to revise Paragraph 6 of the Funding Agreement to increase some allocations to services and to decrease other allocations to services.

Is Funding Required (Yes/No):

Yes

If Yes, Was the item budgeted (Yes/No/N/A):

Yes

Funding Source: State Court/Local Req Fund - Drug Court - Professional Svcs
Account # 134-1067-531000 Amount - No Change in Funding

Sole Source (Yes/No):

No

Advanced Payment (Yes/No):

No

ATTACHMENTS:

Description

- ▯ [F&A Memo and Contract Review Form](#)
- ▯ [First Amendment to Adult Drug Court Funding Agmt 16/17-13](#)

REVIEWERS:

Department	Reviewer	Action	Date	Comments
County Attorney	Grimm, Courtney	Approved	12/27/2016 - 3:44 PM	
County Manager	Kopelousos, Stephanie	Approved	12/29/2016 - 11:55 AM	



CLAY COUNTY FLORIDA

County Attorney's Office
Post Office Box 1366
Green Cove Springs, FL
32043-1366

Phone (904) 269-6377
(904) 284-6377
Fax (904) 269-6346
(904) 284-6346

County Attorney
Courtney K. Grimm
Courtney.Grimm@claycountygov.
com

Chief Assistant County Attorney
Frances J. Moss, BCS*
Fran.Moss@claycountygov.com

Commissioners

Mike Cella
District 1

Wayne Bolla
District 2

Diane Hutchings
Chairman, District 3

Buck Burney
District 4

Gayward Hendry
Vice-Chairman, District 5

Switchboard

GCS (904) 284-6300
KH (352) 473-3711
KL (904) 533-2111
OP/MBG (904) 269-6300

www.claycountygov.com

*Board Certified Specialist in City,
County and Local Government Law

December 20, 2016

MEMORANDUM

To: Finance & Audit Committee

From: Courtney K. Grimm, County Attorney

Re: Proposed First Amendment to Adult Drug Court 2016-17
Funding Agreement (Agreement/Contract No. 2016/17-13)

The County and Clay Behavioral Health Center, Inc. (CBHC), have entered into the above-referenced Adult Drug Court 2016-17 Funding Agreement (the Agreement). The Agreement in paragraph 6 sets forth the funding obligations of the County and identifies the authorized services with specified quantities, rates and funding limits for each. The County's total annual funding obligation is \$231,545.00.

Director of Treatment Courts, Teri Hamlyn, contacted me by email on December 12th proposing a First Amendment to the Agreement. The First Amendment to the Agreement would revise paragraph 6 of the Agreement to add an allocation for Detox Services, increase the allocations for Individual Therapy, Medication Management Evaluations, Ongoing Medication Management, Treatment Case Management, Treatment Case Management Mileage, Social Activities, GED Preparation and Testing, Subprogram Materials, Drug Patch Monitoring Device, Housing Assistance, and Urine Collection Specimen Fee, and decrease the allocations for Urinalysis Drug and Alcohol Testing and Residential Treatment. The Amendment is necessary as CBHC received a Federal grant for Residential Treatment services, necessitating a re-allocation of those funds to other services. The Amendment to the Agreement, however, would not change the County's total annual funding obligation, which would remain at \$231,545.00.

Attached is a First Amendment to the Agreement prepared in accordance with Ms. Hamlyn's request. The First Amendment to the Agreement is submitted for the Committee's consideration and recommendation.

CKG/attachments

AGREEMENT/CONTRACT REVIEW FORM		MEETING DATE F&A 01/03/17 BCC 01/10/17
DO NOT PLACE ITEMS ON AN AGENDA UNTIL REVIEW IS COMPLETED		
DATE:	12/20/16	
Staff Member Preparing Form:	Daphne Roberts	
Department Submitting Contract:	County Attorney	
Vendor Name:	CLAY BEHAVIORAL HEALTH CENTER, INC.	
Contract Title:	ADULT DRUG COURT FUNDING AGREEMENT #2016/17-13 – <u>FIRST AMENDMENT</u>	
SUMMARY (TO BE COMPLETED BY DEPARTMENT)		
1. New Contract	Y <input checked="" type="radio"/> N	9. Contract Amount (*Detail negotiation efforts below) \$231,545.00 NTE
2. Renewal/Amend./Supplement	Y <input checked="" type="radio"/> N	10. Last Year's Price (*If increase explain below) \$295,546.00 NTE
3. Sole Source ** (explain below)	Y** <input checked="" type="radio"/> N	11. Date of Original Contract N/A
4. Quotes/bid policy met	Y <input checked="" type="radio"/> N	12. Number of Renewals N/A
5. Need to waive bid policy	Y <input checked="" type="radio"/> N	13. Length of Term October 1, 2016 – September 30, 2017
6. Automatic renewal	n/a <input checked="" type="radio"/> N	
7. Standard Addendum Executed	Y <input checked="" type="radio"/> N	Requested Action: Approval of this First Amendment to Adult Drug Court Funding Agreement #16/17-13, which only makes changes to allocations to services (revises Paragraph 6) but does not change the County's funding obligation.
8. Advance Payment Required	Y <input checked="" type="radio"/> N	
Funding Source Account Number: 134-1067-531000 Account Name: <u>State Court - Local Reg. Fund - Drug Court</u> PROFESSIONAL SERVICES		
Background/Purpose: At the request of Teri Hamlyn, Director of Treatment Courts, Fourth Judicial Circuit, this First Amendment is being submitted in order to revise Paragraph 6 of the Funding Agreement to increase some allocations to services and to decrease other allocations to services.		

Approvals

Purchasing: <u>DR</u>	No Changes	With Changes
Review Date: <u>12-21-16</u>	<input checked="" type="checkbox"/>	

Budget: <u>DR</u>	No Changes	With Changes
Review Date: <u>12/21/16</u>	<input checked="" type="checkbox"/>	

Finance: <u>DR</u>	No Changes	With Changes
Review Date: <u>12/21/16</u>	<input checked="" type="checkbox"/>	

Recommended Changes: _____

*Price Negotiation Efforts: _____

RECEIVED
 PURCHASING DIVISION
 2016 DEC 20 P 4:04
 CLAY COUNTY BOARD OF COMMISSIONERS

County Attorney: <i>[Signature]</i>	No Changes	With Changes
Review Date: <i>12.20.16</i>	<i>Prepared by legal</i>	

** Sole Source Explanation: _____

In Re: Clay County Agreement/Contract No. 2016/17- 13

**First Amendment to
Adult Drug Court 2016-17 Funding Agreement**

This First Amendment to Adult Drug Court 2016-17 Funding Agreement (this Instrument) is made and entered into by and between Clay County, a political subdivision of the State of Florida (the County), and Clay Behavioral Health Center, Inc., a Florida nonprofit corporation (Clay Behavioral), as of the 1st day of October, 2016.

Recitals

WHEREAS, the parties have heretofore entered into that certain Adult Drug Court 2016-17 Funding Agreement dated as of the 1st day of October, 2016, and designated by the County as Agreement/Contract No. 2016/17-13 (the Agreement); and,

WHEREAS, the parties desire to amend the Agreement with regard to the Services and Eligible Expenses set forth therein so as to add an allocation for Detox Services, increase the allocations for Individual Therapy, Medication Management Evaluations, Ongoing Medication Management, Treatment Case Management, Treatment Case Management Mileage, Social Activities, GED Preparation and Testing, Subprogram Materials, Drug Patch Monitoring Device, Housing Assistance, and Urine Collection Specimen Fee; and decrease the allocations for Urinalysis Drug and Alcohol Testing and Residential Treatment.

IN CONSIDERATION OF the foregoing Recitals, the mutual covenants and promises herein set forth, and for other good and valuable consideration, including the sum of ten dollars (\$10.00) in hand paid, the receipt of which is hereby acknowledged and all objections to the sufficiency and adequacy of which are hereby waived, the parties hereby agree as follows:

1. All capitalized terms used in this Instrument shall have the same meaning as used in the Agreement.

2. Effective as of October 1, 2016, paragraph 6 of the Agreement is amended to read in its entirety as follows:

6. The maximum obligation on the part of the County to pay Clay Behavioral for Services and to reimburse Clay Behavioral for Eligible Expenses under this Agreement shall never exceed the sum of \$231,545.00 in total. The maximum obligation on the part of the County to pay Clay Behavioral for Services and to reimburse Clay Behavioral for Eligible Expenses under this Agreement for any particular calendar month shall not exceed the sum of \$19,295.41 allocated among the following categories as indicated:

- (a) Assessments (In-Jail or Onsite): 60 assessments at a unit cost of \$70.00 per assessment for a total cost of \$4,200.00.

- (b) Individual Therapy: 400 one-hour sessions at a unit cost of \$70.00 per hour for a total cost of \$28,000.00.
- (c) Group Treatment Services: 2,000 sessions at the unit cost of \$48.00 per session for a total cost of \$96,000.00.
- (d) Urinalyses Drug and Alcohol Testing Services: 800 tests at the maximum unit cost of \$15.00 per test for a total cost of \$12,000.00.
- (e) Medication Management Evaluations including Psychological/Psychiatric Evaluations: 40 sessions at the maximum unit cost of \$300.00 per session for a total cost of \$12,000.00.
- (f) Ongoing Medication Management: 100 sessions at the maximum unit cost of \$70.00 per session for a total cost of \$7,000.00.
- (g) Treatment Case Management Services: 250 units of client and non-client specific case management (court preparation/ attendance) at a unit cost of \$20.00 per hour for a total cost of \$5,000.00.
- (h) Treatment Case Management Mileage: 1,500.00 miles/units at the unit cost of \$0.445 per mile for a total cost of \$667.50.
- (i) Residential Treatment Services: 150 one-day units at the maximum unit cost of \$115.00 per day for a total cost of \$17,250.00.
- (j) Social Activities: 6 group functions for Participants and Family at the maximum unit cost of \$250.00 per function for a total cost of \$1,500.00.
- (k) Individual Incentives: 100 incentives (certificates for food, goods or activities) at the maximum unit cost of \$20.00 per incentive for a total cost of \$2,000.00.
- (l) GED Preparation and Testing including books, courses and tests: 20 units at the maximum unit cost of \$70.00 per Course/Book/Test for a total cost of \$1,400.00.
- (m) Subprogram Materials including books and videos: Cost reimbursement for books, videos and/or educational curriculum purchased as needed for a total cost of \$2,000.00.
- (n) Detox Treatment Services: 15 units at the unit cost of \$202.00 per day for a total cost of \$3,030.00.

- (o) Drug Patch/24 Hour Per Day Monitoring Services: Cost Reimbursement for the daily monitoring of the Drug Patch Device at the maximum monthly unit cost of \$366.00 per individual for a total cost of \$3,660.00. Application fee is set at \$25.00 per unit/individual. The Daily Monitoring cost is set at \$11.00 per day, per individual.
- (p) Transportation: 75 Gas Cards at the maximum unit cost of \$20.00 per card for a total cost of \$1,500.00.
- (q) Housing Assistance including contracted rental costs: (Rent, Utilities, Deposits, Food, etc.): Cost Reimbursement as needed for a total cost of \$26,087.50.
- (r) Alcohol Monitoring Device: Cost Reimbursement for the installation and daily monitoring of the SCRAM Alcohol Monitoring Device at the maximum unit cost of \$383.50 per month, per individual, for a total cost of \$3,750.00. Installation cost is set at \$120.00 per unit/individual. The Daily Monitoring cost is set at \$8.50 per day, per individual.
- (s) Urine Specimen Collection for Drug and Alcohol Testing Services: 3,000 units at the unit cost of \$1.50 per unit for a total cost of \$4,500.00.

If less than the full allocation for a particular category in this paragraph is paid or reimbursed for a particular calendar month, then the remaining balance for said allocation may be added to the allocation for any subsequent calendar month. The County shall make payment on all Statements in accordance with the Local Government Prompt Payment Act. Notwithstanding any provision of this Agreement to the contrary, the County's obligation to pay Clay Behavioral for Services and to reimburse Clay Behavioral for Eligible Expenses under this Agreement shall be limited to the lesser of (i) the amount of funds appropriated therefor by the County for expenditure during its fiscal year commencing October 1, 2016, from revenues received by the County under Sec. 2-1, Clay County Code, and allocated pursuant to subsections (a)(1) and (c) thereof; and (ii) the amount of such revenues actually received and so allocated by the County less payments made from such revenues to Clay Behavioral for certain services rendered and eligible expenses incurred under a separate Adult Drug Court 2016-17 Case Management Funding Agreement between the parties of even date herewith, as the same may be subsequently amended from time to time. Except where indicated otherwise, the allocations set forth in this paragraph are based on, and shall be limited to, a total of sixty (60) Participants.

3. The Recitals set forth hereinabove form an integral part of this Instrument. When construing this Instrument, all resort shall be had to the Recitals to the extent necessary to give the fullest effect to the manifest intent of the parties set forth in this Instrument.

4. Except as amended pursuant to paragraph 2 of this Instrument, the Agreement remains in full force and effect in accordance with its terms, as previously entered.

[The remainder of this page is intentionally blank.]

IN WITNESS WHEREOF, the parties hereto have caused this Instrument to have been executed on behalf of each as of the date and year first above-written.

County:

CLAY COUNTY, a political subdivision of
the State of Florida, by its Board of County
Commissioners

By: _____
Wayne Bolla
Its Chairman

ATTEST FOR CLAY COUNTY:

S. C. Kopelousos
County Manager and Clerk of the
Board of County Commissioners

Clay Behavioral:

Clay Behavioral Health Center, Inc., a
Florida nonprofit corporation

By: _____
Irene M. Toto
Its Chief Executive Officer



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Committee

DATE:

FROM: Purchasing

SUBJECT: Approval of Lease Agreement with the Clay County Supervisor of Elections for voting precincts and early voting sites.

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

Precincts and Early Voting Sites include:
Eagle Harbor Soccer Clubhouse
Clay County Agricultural Center
Fleming Island Library
Orange Park Library
Middleburg Civic Center

ATTACHMENTS:

Description

▮ [SOE lease agmt](#)

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Administrative and Contractual Services	Thomas, Karen	Approved	12/28/2016 - 12:10 PM	
County Manager	Kopelousos, Stephanie	Approved	12/29/2016 - 11:57 AM	

AGREEMENT/CONTRACT REVIEW FORM		MEETING DATE
DO NOT PLACE ITEMS ON AN AGENDA UNTIL REVIEW IS COMPLETED		
DATE:	12/7/16	<div style="text-align: center;"> RECEIVED DEC 13 2016 Clay County Attorney's Office </div>
Staff Member Preparing Form:		
Department Submitting Contract:	County Manager	
Vendor Name:	Clay County Supervisor of Elections	
Contract Title:	Voting Precincts Lease Agreement	
SUMMARY (TO BE COMPLETED BY DEPARTMENT)		
1. New Contract	<input checked="" type="radio"/> Y <input type="radio"/> N	9. Contract Amount (*Detail negotiation efforts below) \$0
2. Renewal/Amend./Supplement	Y <input checked="" type="radio"/> N	10. Last Year's Price (*If increase explain below) —
3. Sole Source **(explain below)	Y** <input checked="" type="radio"/> N	11. Date of Original Contract —
4. Quotes/bid policy met <i>N/A</i>	Y <input type="radio"/> N	12. Number of Renewals —
5. Need to waive bid policy <i>N/A</i>	Y <input type="radio"/> N	13. Length of Term <i>Jan, 2017 - Dec. 31, 2018</i>
6. Automatic renewal	<input checked="" type="radio"/> Y <input type="radio"/> N	Requested Action: Approval of Lease Agreement
7. Standard Addendum Executed	Y <input checked="" type="radio"/> N	
8. Advance Payment Required	Y <input checked="" type="radio"/> N	
Funding Source		<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> RECEIVED PURCHASING DIVISION 2016 DEC -9 A 8:42 CLAY COUNTY BOARD OF COMMISSIONERS </div>
Account Number:	Background/Purpose: <u>Lease agreement for voting precincts</u>	
Account Name:		

Approvals

Purchasing: <i>[Signature]</i>	No Changes	With Changes
Review Date: <i>12/12/16</i>		<i>Track Changes</i>

Budget: <i>[Signature]</i>	No Changes	With Changes
Review Date: <i>12/12/16</i>	<i>N/A</i>	

Finance: <i>[Signature]</i>	No Changes	With Changes
Review Date: <i>12/13/16</i>	<input checked="" type="checkbox"/>	

County Attorney: <i>[Signature]</i>	No Changes	With Changes
Review Date: <i>12-13-16</i>	<input checked="" type="checkbox"/>	

Recommended Changes: _____

*Price Negotiation Efforts: _____

** Sole Source Explanation: _____

LEASE AGREEMENT

FOR VALID CONSIDERATION, the receipt of which is acknowledged by Clay County Board of County Commissioners. The following Constitutes a LEASE AGREEMENT between the Clay County Board of County Commissioners, LANDLORD, and in his official capacity as Clay County Supervisor of Elections (SOE), Chris H. Chambless, TENANT.

AGREEMENT

That the TENANT be permitted to occupy the premises owned by Clay County for any regular or special called elections to be held in and for Clay County, Florida during the years 2017 through 2018, said premises described as follows: **Voting Precincts, 406, 601, and Early Vote Sites: Fleming Island Library, Orange Park Library/Precinct 210, and Middleburg Civic Center /Precinct 110 (see addresses on ATTACHMENT A).**

That the TENANT agrees to notify the LANDLORD of the dates of the elections at least 90 days prior to election day except in the event of special called elections. In the event of a special called election, TENANT shall notify landlord as soon as TENANT determines the date of the Election.

That the TENANT agrees to accept the conditions of the premises in its present state unless otherwise noted.

That the TENANT be permitted access to the premises prior to election day for delivery of supplies and equipment with notice given to the county manager.

That the TENANT be permitted to occupy the premises between the hours of 6:00 a.m. and 9:00 p.m. on election days.

That the TENANT be permitted access to the premises following the Election Day to obtain supplies and equipment with notice given to the county manager.

The LANDLORD agrees to include the SOE within the scope of coverage under the County's general liability insurance with respect to any claim for injury or damages caused by negligence arising out of the SOE's use and occupancy of the Premises.

ADDITIONAL CONSIDERATIONS

A poll deputy will be assigned by the Sheriff to maintain order at the polling location on Election Day.

The use of a telephone will be required periodically throughout the day by precinct election officials.

Any equipment needed to facilitate the election and not available or provided by the LANDLORD will be obtained by the TENANT at the TENANT's expense.

Adherence to all election laws in regards to political advertisement and solicitation will be strictly enforced.

SPECIAL NOTATION

It is implicitly understood that the premises will be used during the period of occupancy for a polling location for the electorate of Clay County, Florida **Voting Precincts 406, 601, and**

**Early Voting Sites, Fleming Island Library, Orange Park Library/ Precinct 210 and
Middleburg Civic Center/Precinct 110 effective January 1, 2017 through December 31, 2018.**

AGREED UPON THIS _____ DAY OF _____, 20____.

Clay County Supervisor of Elections

Clay County, a political subdivision
Of the State of Florida, by its Board
Of County Commissioners

Chris H. Chambless
Supervisor of Elections

Wayne Bolla, Chairman

ATTACHMENT - A

Precincts

Precinct 406:

Eagle Harbor Soccer Clubhouse, 4387 Lake Shore Dr., Fleming Island

Precinct 601:

Clay County Agricultural Center, 2463 Hwy 16 W., Green Cove Springs

Early Voting Sites:

Fleming Island Library, 1895 Town Center Blvd, Fleming Island

Precinct 210/Early Voting Site

Orange Park Library, 2054 Plainfield Ave., Orange Park

Precinct 110/Early Voting Site

Middleburg Civic Center, 2102 Palmetto St., Middleburg



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Committee

DATE:

FROM: Purchasing for Jail

SUBJECT:

Approval to waive the purchasing policy and purchase one UniMac washer and one UniMac dryer from Southeastern Laundry Equipment Sales in the total amount of \$28,600.00 for use at the Jail. Funding Source: 102-1204-564100 (Fine & Forfeiture Fund - Bldgs-Jail/Law Enforcement - M&E-Capitalized)

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

These are industrial style units and will replace current failing units located at the jail. The jail currently has Unimac washers and dryers and utilizes Southeastern Laundry for repair and service needs. To maintain standardization, it is requested that the County continue to purchase Unimac brand washer and dryers and that Southeastern Laundry be utilized for purchase and repair needs related to laundry equipment for the jail.

As indicated in the attached document, Southeastern Laundry Equipment Sales is the Unimac distributor for our area; however other distributors have provided quotes which are much higher.

To further explain the need for the large capacity industrial units, over 1200 lbs. of laundry are put through these units daily. The Unimac units that are being replaced were installed in 1999 and hold up to high volume of laundry.

Is Funding Required (Yes/No):

Yes

If Yes, Was the item budgeted (Yes/No/N/A):

Yes

Funding Source: 102-1204-564100 (Fine & Forfeiture-Bldgs-Jail/Law Eng-M&E Cap)

Sole Source (Yes/No):

No

Advanced Payment (Yes/No):

No

ATTACHMENTS:

Description

▯ [UniMac](#)

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Administrative and Contractual Services	Thomas, Karen	Approved	12/28/2016 - 12:10 PM	
County Manager	Kopelousos, Stephanie	Approved	12/29/2016 - 11:56 AM	

OFFICE OF THE SHERIFF

Clay County, Florida

Rick Beseler, Sheriff

Office Memorandum

Date: December 19, 2016
To: Karen Thomas
From: Captain J. Bucci
Subject: Washer & Dryer purchase for the Jail

****REQUESTED ACTION:**

Approval to waive the purchasing policy and purchase one UniMac washer and one UniMac dryer from Southeastern Laundry Equipment Sales in the total amount of \$28,600.00.

These are industrial style units and will replace current failing units located at the jail. The jail currently has Unimac washers and dryers and utilizes Southeastern Laundry for repair and service needs. To maintain standardization, it is requested that the County continue to purchase Unimac brand washer and dryers and that Southeastern Laundry be utilized for purchase and repair needs related to laundry equipment for the jail.

Southeastern Laundry Equipment Sales is the Unimac distributor for our area; however other distributors have provided quotes which are much higher.

Funding source: 102-1204-564100

Amount: \$28,600.00


Background: The jail currently has Unimac washers and dryers and utilizes Southeastern Laundry for repair and service needs. To maintain standardization, it is requested that Southeastern Laundry be utilized for purchase and repair needs related to laundry equipment for the jail.

To further explain the need for the large capacity industrial units, over 1200 lbs. of laundry are put through these units daily. The Unimac units that are being replaced were installed in 1999 and hold up to high volume of laundry.

As indicated in the attached document, Southeastern is the UniMac Equipment Distributor for our area. Staff was able to obtain quotes from other Unimac Distributors; however the quotes received were much higher.

<u>Company Name</u>	<u>Washer (1)</u>	<u>Dryer (1)</u>	<u>Delivery/ Installation</u>	<u>Freight</u>	<u>Additional Discount</u>	<u>Total</u>
Southeastern Laundry	\$18,980.00	\$8,120.00	\$1,500.00	\$1,000.00	\$(1,000.00)	\$28,600.00
Commercial & Coin Laundry	\$20,130.00	\$8,690.00	\$2,080.00	\$988.00	\$0.00	\$31,888.00
Commercial Laundry Equipment	\$26,838.00	\$11,510.00.00	\$2,600.00	\$800.00	\$(3,834.00)	\$37,914.00

REQUEST DATE: 10/25/2016

REQUISITION # 17000958 

BLANKET PURCHASE ORDER

ITEM NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL	FUND ACCOUNT NUMBER
1	Unimac washer/extractor UWN105T4VN	1	\$18,980.00	\$18,980.00 ✓	102 - 1204 - 564100
2	Unimac drying tumbler UT120NRUQ1A2	1	\$8,120.00	\$8,120.00 ✓	102 - 1204 - 564100
3	Installation	1	\$1,500.00	\$1,500.00 ✓	102 - 1204 - 564100
4	Unimac Customer Discount	1	-\$1,000.00	-\$1,000.00 ✓	102 - 1204 - 564100
	See Attached			\$0.00	- - -
	CB 44			\$0.00	- - -
	3 Quotes			\$0.00	- - -
				\$0.00	- - -
				\$0.00	- - -
				\$0.00	- - -
				\$0.00	- - -
				\$0.00	- - -
				\$0.00	- - -
				\$0.00	- - -
				\$0.00	- - -
Bid/Contract No. _____ (Documentation Attached)				Shipping & Handling	
Sole Source Provider (Documentation Attached)				TOTAL	
				\$1,000.00 ✓	
				\$28,600.00	

RECEIVED PURCHASING DIVISION OCT 26, P. 2: 21 CLAY COUNTY BOARD OF COMMISSIONERS

\$100.00 - \$4,999.99 Department Head/County Manager Approval
\$5,000.00 - \$14,999.99 County Manager Approval (3 Verbal Quotes – Document Attached)
\$15,000.00 - \$24,999.99 County Manager Approval (3 Written Quotes – Document Attached)
\$25,000.00 > Board Approval

Date	Item #
------	--------

APPROVED BY: _____
Purchasing Officer

APPROVED BY: _____
County Manager

WHITE COPY = PURCHASING DEPT. YELLOW COPY = FINANCE DEPT. PINK COPY = USER DEPT.



SOUTHEASTERN

LAUNDRY EQUIPMENT SALES

1105 Shana Court, Suite I, Marietta, GA 30066 Phone (800) 522-9274 Fax (800) 867-6073

www.selaundry.com

Sales Rep Rex Edwards
Quote # SELQ17767-02
Dated 10/20/2016

****Expires**

****Quote Valid for 30 Days Unless Otherwise Noted**

Purchase And Security Agreement

Sold To:

Acct # 14444

Tony Saunders

Clay County Sheriff's Office

901 North Orange Ave

Green Cove Springs, FL 32043

Clay

Phone: (904)213-6066 Main

Fax: (904)213-6474

Cell:

Email: tsaunders@claysheriff.com

Ship To:

Acct #

Tony Saunders

Clay County Sheriff's Office

901 North Orange Ave

Green Cove Springs, FL 32043

Clay

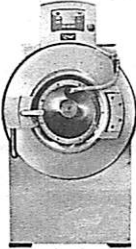
Phone: (904)213-6066 Main

Fax: (904)213-6474

Cell:

Email: tsaunders@claysheriff.com

Thank you for the opportunity to quote on a new washer & dryer for your laundry. Below is our quote. I believe it includes everything you requested. If not, please let me know so I can revise the quote to meet your needs.



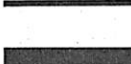
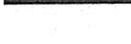
	Mfg. & Model#	Description	Qty.	Unit Price	Ext. Price
	UNIMAC UWN105T4VN-	WasherExtractor - RigidMount	1	\$18,980.00	\$18,980.00
		-105Lbs Capacity, Large 15.9 cubic foot Cylinder -High Speed Energy Efficient 300 G-Force Extraction -UniLinc Graphical Programmable Microcomputer -41 Wash Cycles (Formulas) -OPTispray Rinsing Technology -Two Drain Valves -Viton Seals -5 Cup Dispenser -Net Weight: 1700lbs -Parts Warranty: 3 years all parts, 5 years on the frame, basket, shaft, bearing & seals. -Voltage: 440-480/60/3			

Initialed _____

Clay County Sheriff's Office

SELQ17767-02

Page 1 of 3

Mfg. & Model#	Description	Qty.	Unit Price	Ext. Price
   	Unimac UT120NRUQ1A2 Drying Tumbler - Nat'l Gas Rev http://www.selaundry.com/administrator/uploads/9404165434d2b76a748b70.pdf -One Hundred Twenty Pound (120#) Capacity -Extra Large 36.1 CF Cylinder -UniLinc Microprocessor -OPTidry Overdry Prevention System -Large Door Opening -Natural Gas> 300,000 BTU -1600 CFM Airflow -Instant Spark Ignition System -Reversing Cylinder -Voltage/Phase = 460-480V/60C/3PH Parts Warranty: 3 years all parts. Freight FRT	1	\$8,120.00	\$8,120.00 ✓
	Installation INST	1	\$1,500.00	\$1,500.00 ✓
<u>See Terms & Special Conditions/Provisions Listed Below</u>				
	Unimac Customer Discount	1	-\$1,000.00	-\$1,000.00 ✓
	Unimac Loyalty Factory Discount			
*Total				\$28,600.00
Deposit Amt. Required				\$0.00

*Pricing does not include sales tax.
If applicable, sales tax will appear on invoice.

The machines listed for sale above can be rented for a monthly payment of:

\$645.00

This payment includes: installation, freight, haul-off and all parts and service for the life of the agreement.

Initialed _____

Clay County Sheriff's Office

Page 2 of 3

SELQ17767-02



Commercial & Coin Laundry Equipment Company

1626 Tradewinds Drive. Gulf Breeze. Florida 32563

1-850-932-8348

www.clecco.com

Wes Whitefield

• Fax 888-334-2857

• Cell 334-798-5366

• e-mail: whitefie3@aol.com

Date: October 21, 2016

Customer ID:

Ship To: Clay Sheriff
Address: 901 Orange Ave.
City/State: Green Cove Springs, FL 32043
Phone: 904-213-6060
Fax: 904-213-6474
Contact: Sheryl Harrell
E-mail: sharrell@claysheriff.com

Bill To: Same
Address:
City/State:
Phone:
Fax:
Contact:
E-mail:

Quantity	Model	Description	Unit Price	Extended Price
1	UWN105T4VQ	Unimac, 105 lb., industrial grade, washer/extractor, inverter driven 8 speed, 300G's extraction, 4 fill valves, thru-the-door spray rinse, 41 cycles, Unilinc graphical programmable, inverter drive, 440/480 volt, 3 phase.		\$ 20,130.00
1	UT120NRUQ1A2	Unimac, 120 lb., tumbler/dryer, natural gas heat, reversing cylinder, Unilinc microprocessor control, 300,000 BTU's, 440/480 volt, 3 phase.		\$ 8,690.00
		CLEC will: dismount and haul off old equipment, deliver new equipment to laundry, uncrate, rig into position bolt-down, grout and level. Equipment will be wiped down and work area cleaned. Buyer is responsible for final connection of all utilities and venting.		

Notice—any changes or alterations by owner involving extra cost may become an additional charge.

Expected date of delivery: 4-6 weeks from date of order

Warranty: Parts—3 & 5 years Labor—90 days

Voltage: 208/240, 3 Phase, Gas: Natural

Trip Charge from Gulf Breeze, FL	\$ 980.00
Install	\$ 1,100.00
Factory Freight—Ripon, WI.	\$ 988.00
Sub-total	\$ 31,888.00
Estimated Sales Tax (%)	\$ Exempt
Contract Total	\$ 31,888.00

BUYER _____ DATE _____ Any payment by credit card will incur a 3% surcharge

To order: Sign & fax along with your purchase order to 888-334-2857 or scan and e-mail to whitefie3@aol.com .

Terms: 10% deposit with order, balance due on delivery.

Commercial Laundry Equipment Company ^{INC}

Proposal

1114 53rd Court South, West Palm Beach, FL 33407
800/638-1869 * 561/848-0054 * Fax 561/882-4984

www.commerciallaundryequip.com

Proposal Date: 10/21/2016
Proposal Expires: 11/21/2016
Proposal: 582343
Account Number: 9550

Customer Contact: DONNY BURNEY
Telephone: 904-759-1255
Fax:
Terms: NET 30 DAYS

email
11/14/16
p582343R.pdf

<u>Customer</u>		<u>Job Site</u>		
CLAY COUNTY SHERIFF 901 NORTH ORANGE AVE GREEN COVE SPRINGS, FL 32043		CLAY COUNTY SHERIFF 901 NORTH ORANGE AVE GREEN COVE SPRINGS, FL 32043		
Item Code	Description	Price	Qty	Amount
UWN105T4V	UNIMAC INDUSTRIAL "GREEN" WASHER/EXTRACTOR 105lb Capacity, Programmable UniLinc Control 300 G-Force Extract, Through-the-Door Spray Rinse Liquid Chemical Supply Connections, Viton Seals 200-240/50-60/3 Phase	26254.00	1	26254.00
NUW105	440-480/60/3	584.00	1	584.00
UT120NRU	UNIMAC DRYING TUMBLER 120lb Capacity, Natural Gas Heated, Graphic UniLinc Programmable Control with OptiDry Prevention Technology, Reversing Cylinder, Instant Spark Ignition, 208-230/60/3 Phase, White OPTIONAL: Fire Suppression Sysytem add \$514	11274.00	1	11274.00
NUT120	460-480/60/3	236.00	1	236.00
PCD	PREFERRED CUSTOMER DISCOUNT	-3834.00	1	-3834.00
D	DELIVERY IN FACTORY CRATE (NON-TAXABLE)	800.00	1	800.00
II	INSTALLATION INCLUDES THE FOLLOWING; Remove and dispose of the old machine for value complete Bolt washer(s) to existing concrete foundation Position and level dryer(s) and/or ironer(s) Connect to utility receptacles within 5 feet Start-up, test equipment & provide in-service training Access to remove old & install new equipment is the buyers responsibility	1800.00	1	1800.00
FFF	FREIGHT FROM FACTORY (NON-TAXABLE)	800.00	1	800.00
W	FACTORY PARTS & 90 DAY LABOR WARRANTY			
Purchaser represents that Purchaser has READ and ACCEPTS without qualification, all the terms and conditions on the REVERSE SIDE and that all representations, written and oral made by the Seller are incorporated herein.		Material Sales		34514.00
		Labor Sales		2600.00
		Other Sales		800.00
		Subtotal		37914.00
		Sales Tax		EXEMPT
		Total		37914.00
PURCHASER: _____				
SIGNED: _____ DATE: _____				
PRINTED: _____ TITLE: _____				



Contact Us | My Alliance |
1-800-587-5458

Find a UniMac distributor Search

[ABOUT US](#) | [PRODUCTS](#) | [TECHNOLOGY](#) | [INDUSTRIES](#) | [ARCHITECTS](#) | [SERVICE AND SUPPORT](#) | [NEWS](#) | [FINANCE](#)

[Home](#) [Contact Us](#) [Locate a Distributor](#)

Contact Us

[Distributor Locator](#)

[Distributor Login](#)

Quick Links

[Locate a Distributor](#)

[Get Financing - Apply Now](#)

[Architect Tools](#)

Distributor Locator

UniMac® distributors are your local laundry experts. They can assist you with everything from identifying your laundry equipment and sizing needs, layout, design and installation to financing, service and industry-leading support.

To locate a UniMac distributor in your area, simply type your postal code in the box below.

postal code

International Customers

Click "Worldwide" to locate the nearest UniMac representative.

Sign Up for Special Offers

Complete the form below to receive UniMac news and information about special offers and promotions.

first name last name

email

phone postal code

☐ Please have my local UniMac distributor contact me.

submit

Locate a Distributor



UniMac distributors are your local laundry experts for laundry equipment and sizing needs, layout design, financing, support and more.

[Find a UniMac distributor](#)

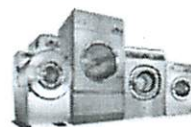
Contact Us

1-800-587-5458

Click below to contact a UniMac laundry expert with your comments, questions or service needs.

[contact us](#)

Products



View our full lineup of commercial-grade washer extractors, tumble dryers, ironers and other high-performance laundry machines.

[view products](#)

UNIMAC

Alliance Laundry Systems LLC
Attn: UniMac Sales
Shepard Street P.O. Box 990
Ripon, WI 54971-0990
1-800-587-5458

CONTACT

[Distributor Locator](#)
[Privacy Policy](#)
[Terms of Use](#)
[Site Map](#)
[My Alliance](#)

PRODUCTS

Washer Extractors
Tumble Dryers
Light Commercial Equipment
Fireman's PPE System
Ironers

TECHNOLOGY

UniLinc
TotalVue
OPTispray
OPTidry
Green Technologies

INDUSTRIES

Hospitality
Long-Term Care
Corrections
Commercial Laundry
Fire
Athletics
Car Wash
Dairy
Dry Cleaners
Food Processing
Maritime
Party Rental
Restaurant
Spa/Salon

ARCHITECTS

3-Part Specs
BIM Objects Online
CAD Symbols Online
Lunch and Learn
Planning Engineering
Laundry Design
Technical Literature
Education Center

SERVICE AND SUPPORT

Technical Literature
Laundry Design Services
Service Parts
Maintenance Tips
Safety Tips
Training Seminars

FINANCE

Online Credit Application
Promotions

ABOUT US

NEWS



® Registered Trademark of Alliance Laundry Systems LLC © 2013 All Rights Reserved





Contact Us | My Alliance |

1-800-587-5458

Find a UniMac distributor

Search

ABOUT US

PRODUCTS

TECHNOLOGY

INDUSTRIES

ARCHITECTS

SERVICE AND SUPPORT

NEWS

FINANCE

Home Distributor Distributor Results

Contact Us

Distributor Locator

Distributor Login

Distributor Locator Results

Southeastern Laundry Equipment Sales

Southeastern Laundry Equipment, Marietta, GA was founded in 1976 by Trebor Brown and has been a UniMac Distributor since its inception. As such, we have grown over the years to a current level of 50 employees covering most of Georgia, Florida, Alabama and Southern Tennessee. Our growth is evidenced by our being named the number 1 UniMac Distributor in the United States for 19 of the last 20 years. We are proud of the reputation we have worked hard to attain as a leader in all areas of commercial laundry equipment – including on-premises laundries, coin laundries, dry cleaners, and industrial laundries. Our hard working staff is dedicated to making your experience with Southeastern a pleasant one. We have 19 service trucks on the road every day across our territory, fully stocked with parts and supplies. Our goal is to fix it right on the first trip so we avoid costly down time and aggravating delays for our loyal and dedicated customers. We have an award-winning parts team of six full time staff and stock the largest parts inventory in the Southeastern United States. Our Parts Dept is fully dedicated to our customers. We ship the same day if the order is received by 3 p.m. and our knowledgeable people can help you identify parts. They possess the professionalism we feel sets us apart from other companies. When it comes to our sales staff, we have the most experienced, most knowledgeable sales force in the industry. When you deal with Southeastern Laundry Equipment, we expect your experience to be nothing but the best. If you ever do have a concern, we encourage you to contact one of our department managers, our General Manager, Cindy Richie – who has been at Southeastern for 25 years, or even Trebor Brown himself. We are proud of our staff, our corporate philosophy, our prices, our parts and service departments and are confident you will agree that a relationship with Southeastern means you will be treated fairly and with respect...Always. No matter what your needs, please call your laundry partner, Southeastern Laundry Equipment.



Contact

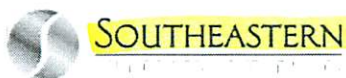
first name	last name
company name	
email	
confirm email	
city	
postal code	
phone	
comments	

Interested in:

- | | |
|---|--|
| <input type="checkbox"/> Washers | <input type="checkbox"/> Dryers |
| <input type="checkbox"/> Flatwork Finishers | <input type="checkbox"/> Parts/Service |
| <input type="checkbox"/> Not Sure | |

submit

Southeastern Laundry Equipment Sales
 1105 Shana Circle, Suite I
 Marietta GA 30066
 Phone: (770) 928-0080
 Alt Phone: (800) 522-9274
 Email: sales@selaundry.com
 Web: http://www.selaundry.com



1-800-522-9274

[Home](#)

[Coin Laundries](#)

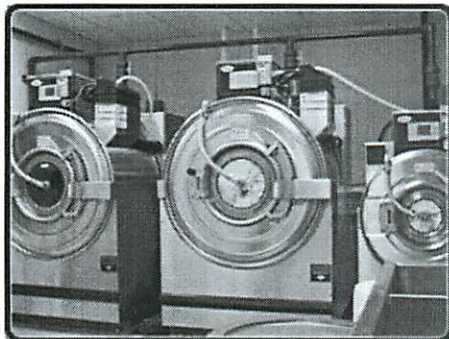
[On-Premise Laundries](#)

[Parts](#)

[Service](#)

[About Us](#)

[Contact Us](#)



UniMac Equipment Distributor

We are honored to be the exclusive distributor of UniMac laundry equipment in the southeast. Our sales staff has a combined 200 plus years of experience in the industrial laundry industry. With thousands of projects and more customers, we have built a reputation of excellence for over three decades. We encourage you to contact your local sales representative and allow us to go to work on your project today.

Thank you!



are looking... [Read More](#)

For everyone that attended our 2016 Dexter Service School, we want to say THANK YOU! It was a fantastic success. We

Our UniMac UW Washer-Extractor Line



Advanced... [Read More](#)

UniMac's UW Line of Washers with UniLinc Controls! Just some of the reasons to go with UW UniLinc Washers... -

Southeastern Laundry Equipment Named UniMac 2014 Distributor of the Year



Southeastern Laundry Equipment... [Read More](#)

RIPON, WIS - April 18, 2015- UniMac®, a leading provider of on-premises laundry equipment, announced

UniMac OPTidry = Real Savings



Realize True Efficiency – and True Savings Drying efficiency is often defined with terms like "gas usage" and... [Read More](#)

New Products to Keep ALL Laundromat Customers Happy



announce some new additions to... [Read More](#)

In order to help you meet the needs of all your customers, Southeastern Laundry Equipment is proud to



Bluewater Express Video Testimonial

[Home](#)

[Coin Laundries](#)

[On-Premise Laundries](#)

[Parts](#)

[Service](#)

[About Us](#)

[Literature Library](#)

Southeastern Laundry Equipment Sales, Inc. | 1105 Shana Court, Suite I, Marietta, GA 30066

Copyright © 2010 Southeastern Laundry Equipment Sales, Inc. All rights reserved.

Website by Craig Communications

[Sign up for Newsletter & Special Offers](#)



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Committee

DATE:

FROM: Purchasing

SUBJECT: Request approval of Third Amendment to 800 MHZ Public Safety Radio System Agreement in the amount of \$35,597.00 for repairs to the Keystone Tower. Funding Source: 301-2223-546100 (\$12.50 Motor Vehicle Surcharge Fund - Public Safety-Communication/Oth - Repairs & Maintenance)

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

In the course of performing duties under previous amendments to the agreement, the vendor determined that the Keystone Tower had structural damage that required remediation prior to completion of previously approved upgrades and modifications.

Is Funding Required (Yes/No):
Yes

If Yes, Was the item budgeted (Yes\No\N/A):
Yes

Funding Source: \$12.50 Motor Vehicle Surcharge Fund - Public Safety-Communication/Oth - Repairs & Maintenance
Account # 301-2223-546100 Amount - \$35,597.00

Sole Source (Yes\No):
No

Advanced Payment (Yes\No):
No

ATTACHMENTS:

Description

- ▯ [Third Amendment](#)
- ▯ [Review form](#)

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Administrative and Contractural Services	Thomas, Karen	Approved	12/28/2016 - 2:55 PM	
County Manager	Kopelousos, Stephanie	Approved	12/29/2016 - 11:53 AM	

**THIRD AMENDMENT TO
800 MHZ PUBLIC SAFETY RADIO SYSTEM AGREEMENT**

THIS THIRD AMENDMENT TO 800 MHZ PUBLIC SAFETY RADIO SYSTEM AGREEMENT (the Third Amendment) is made and entered into as of the 10th day of January, 2017, between Clay County, a political subdivision of the State of Florida (the County), by and through its Board of County Commissioners, and Motorola Solutions, Inc., a Delaware corporation (the Vendor).

Recitals

WHEREAS, the County and the Vendor (the Parties) have heretofore entered into that certain 800 MHz Public Safety Radio System Agreement dated as of the 1st day of April, 2016, and designated by the County as Agreement/Contract No. 2015/2016-85 (the Agreement); and,

WHEREAS, the Parties subsequently amended the Agreement by entering into that certain First Amendment to 800 MHz Public Safety Radio System Agreement dated as of the 9th day of August, 2016 (the First Amendment); and,

WHEREAS, the Parties subsequently amended the Agreement by entering into that certain Second Amendment to 800 MHz Public Safety Radio System Agreement dated as of the 13th day of September, 2016 (the Second Amendment); and,

WHEREAS, in the course of performing its duties under the Agreement, as amended under the First and Second Amendments, in particular while implementing the Second Amendment upgrades and modifications, the Vendor has determined that the Keystone Tower possesses structural damage that requires remediation prior to completion of the Second Amendment upgrades and modifications; and,

WHEREAS, as provided in Section 8.2 of the Agreement, the Parties desire to amend both the Agreement and the Statement of Work attached thereto as Exhibit A for the purpose of addressing the remediation of the Keystone Tower, as hereinafter provided.

W I T N E S S E T H

IN CONSIDERATION OF the foregoing Recitals, the mutual covenants and promises hereinafter set forth, and for other good and valuable consideration, the receipt of which are hereby acknowledged and objections to the adequacy and sufficiency of which are hereby waived, the parties agree as follows:

1. For purposes of this Instrument, the term Agreement means the Agreement as amended pursuant to the First and Second Amendments.

2. The Agreement is further amended as follows:
- a. The **Statement of Work** attached hereto as Exhibit A is hereby substituted in place of the Statement of Work attached to the Original Agreement and the Second Amendment as Exhibit A. Section 16 has been added to the Statement of Work to provide for the remediation to the Keystone Tower by Vendor.
 - b. **Article 6** is amended to include a new 6.1.2 as follows:

6.1.2 THIRD AMENDMENT. The Contract Price shall be amended by the additional amount of \$35,597.00 to provide for the Keystone Tower remediation by Vendor as set forth in Section 16 of the Statement of Work.
 - c. The **Payment Schedule** attached to the Agreement as Exhibit E shall be amended to include:

“Amendment #3 Keystone Tower Remediation complete – \$35,597.00.”
 - d. Section 7.3 is amended to expressly include as part of the **System** the Keystone Tower remediation as follows:

7.3 SYSTEM DESCRIPTION. The System to be provided by the Vendor under this Agreement shall be composed, at a minimum, of the subsystems, features and capabilities delineated in the Statement of Work. The System expressly includes the Microwave System and all hardware and software associated therewith. Further, the System expressly includes the tower upgrades and modifications to the Long Bay Tower, Sleepy Hollow Tower and Keystone Tower as well as the additional remediation work on the Keystone Tower.
 - e. Section 7.8, **LIMITED WARRANTIES**, is amended to expressly include the Vendor’s warranties for the Keystone Tower remediation as follows:

7.8.21 KEYSTONE TOWER REMEDIATION WARRANTY. In connection with the Keystone Tower remediation, in addition to the warranties set forth above and provided for in this section 7.8, the Vendor warrants that the work performed, including the engineering, labor and materials provided, under this Third Amendment, Section 16 of the Statement of Work, will be free from defects and will operate under normal use and service for two (2) years from the date of acceptance of the completed work as scheduled for this Third Amendment. During such warranty period, defective materials will be repaired or replaced free of charge by the Vendor, including labor and

shipping. Vendor's warranty excludes defects in the original tower structure, foundations or acts of God.

3. In accordance with Section 16.6 of the Agreement, PERFORMANCE AND PAYMENT GUARANTY, the Vendor shall furnish to the County a Rider to Bond No. 285052903 for the additional sum of \$35,597.00, to secure the Vendor's guarantee to the County of the completion and performance of the Keystone Tower remediation as set forth in Section 16 of the Statement of Work and as contemplated under Section 16.6 of the Agreement.

4. Except as further amended herein, the Agreement remains in full force and effect in accordance with its terms.

5. This Third Amendment shall be deemed effective as of date first above-written.

[The remainder of this page is intentionally blank.]

IN WITNESS WHEREOF, each of the Parties has caused this Third Amendment to have been executed on its behalf as of the date and year first above-written.

County:

Clay County, a political subdivision of the
State of Florida, by and through its Board of
County Commissioners

By: _____
Wayne Bolla
Its Chairman

ATTEST FOR THE COUNTY:

S. C. Kopelousos
County Manager and Clerk of the
Board of County Commissioners

Vendor:

Motorola Solutions, Inc., a Delaware
corporation

By: _____
Marshall Wright
Its Strategic Project Team Vice
President and Director of Sales

Exhibit A
[Statement of Work]

Exhibit A

Statement of Work

Article 1. This document comprises the Statement of Work attached as Exhibit A to the 800 MHz Public Safety Radio System Agreement between the County and the Vendor (the Agreement).

Article 2. If a term used in this document is defined in the Agreement, it shall have the meaning attributed thereto in the Agreement unless the context clearly indicates a different meaning, or unless it is otherwise defined in this document. Throughout this document, certain terms are described and defined. In each such instance, each such term is set forth parenthetically adjacent to the text that describes and defines it, and as used in this document shall have the meaning so defined and described. Acronyms used in this document but not otherwise defined shall have the meanings accepted for the same in the public safety radio system industry. The use of the term "legacy" in this document refers to the Existing System, as defined in the Agreement.

Article 3. The Work to be performed by the Vendor under the Agreement, the System to be installed and delivered to the County, and the features and performance requirements of the System are described as follows:

Section 1. P25 Phases I and II Conformance

- A. The top priority for the System is to ensure reliable interoperability and compatible equipment to the extent possible through conformance with applicable P25/TIA/EIA-102 protocol service documents and requirements. All equipment provided shall meet or exceed current standards of the Electronic Industries Alliance (EIA) and the Telecommunications Industry Association (TIA), and the rules and regulations of the Federal Communications Commission (FCC). All equipment shall be type accepted by the FCC. To this end, the System equipment must comply with the following:
 - (i) Common Air Interface – (CAI) (TIA/EIA-102.BAAA).
 - (ii) Inter-RF-Subsystem and Console Subsystem (ISSI/CSSI) Interface Suite of Wireline Standards (TIA/EIA-102.BACA-A).
 - (iii) Conventional Fixed Station Interface (FSI) (TIA/EIA-102.BAHA).
- B. With regard to each item of the System equipment, the Vendor shall provide the following in relation to each document identified in subsection A of this section:
 - (i) Confirmation of conformance and ship date.
 - (ii) Identification of specific TIA/EIA-102 Document and Addendums, together with any applicable revision dates.
 - (iii) A description of any exceptions.

- C. Compliance with the requirements of this section should be achieved by the Vendor's use of the Compliance Assessment Program set forth in the Department of Homeland Security Science and Technology Directorate, Project 25 Compliance Assessment. If that is not possible, the Vendor must conduct testing of a multiple manufacturer environment during staging tests or provide a list of the compliance assessment tests they have conducted, including interoperability tests, along with the actual Supplier's Declaration of Compliance (SDOC). It is mandatory that the System be compliant with P25 Phase II trunked infrastructure standards.

Section 2. Base Station Repeaters and Controllers

The System shall be designed around P25 digital base station repeaters with the following minimal specifications:

- A. Mounted on 19" open equipment racks.
- B. 100 watt minimum nominal power output, continuous duty.
- C. Frequency range of 763 to 862 MHz, covering all public safety 700 MHz and 800 MHz bands.
- D. Metering included for all critical parameters for alignment and adjustment.
- E. Primary power source to be 120VAC with battery backup capability.
- F. Separate antenna connectors for transmit and receive, 50 Ohm output impedance.
- G. Redundant site controllers with auto failover.
- H. All solid state and FCC type accepted.
- I. Alarmable Power Sensors.
- J. Local and remote programming ability.

Section 3. Voting Comparator and Audio/Data Distribution Equipment

Because of the countywide use of simulcast, receiver voting is a requirement. The Vendor shall provide a means of selecting the best quality received signal from each of the trunking sites. The voting comparator shall serve as the system-wide collector, voter and distributor of voice signals for its associated RF channels. The comparator shall produce the best quality audio signal from the multiple signal sources and provide the means to deliver it to the dispatch center and to all of the simulcast transmitter sites. For digital voice operation, the comparator shall incorporate frame diversity to utilize the best data frames of all of the inputs to construct the optimum output signal.

Section 4. Installation and Cutover/Site Upgrades and Additions

- A. As part of turnkey solution for the System, the Vendor will be responsible for complete installation of the new trunking system and for interfacing to all internal and external resources, including the County's new microwave network.
- B. The System must be installed and integrated seamlessly while the Existing System continues to provide uninterrupted service to emergency responders. This

will require the installation of new digital equipment into the existing shelter spaces while existing analog equipment remains in service. The Vendor must conduct a detailed survey of all existing sites for available space and submit a plan of action to be approved by the County to accomplish the transition. Some existing shelters have ample room for new equipment, but others will be very tight such as at the Fairgrounds site. It is anticipated that the power consumption of the new P25 infrastructure equipment will be comparable to the power consumption of the legacy infrastructure equipment. However, it is likely that a large number of components of the P25 and the legacy systems will require full power simultaneously throughout cutover. The County's Fixed Network Equipment sites have sufficient electrical capacity to power all equipment during the transition but may lack the number of circuits to supply both systems simultaneously.

- C. **Electrical.** As part of turnkey solution for the System, the Vendor shall assess the electrical resources available at each site for suitability and, if needed, upgrade the electrical systems to accommodate the new System at no additional cost. The County will allow the use of certain circuits to power multiple components on a temporary basis only to facilitate implementation of the new System.
- D. **Equipment Racks.** The Vendor shall provide racks of metallic construction (aluminum or steel) and of sufficient strength that the equipment will be securely supported and of shape and form which will provide for proper cooling. All equipment racks shall be securely anchored to the floor and bonded to the existing equipment shelter ground system. Cable routing shall use existing racks where available.
- E. **GPS Frequency Standard.** The Vendor shall replace all legacy frequency standards at each site. The Vendor shall install new frequency standards and associated antennas, and connect all new and existing site equipment requiring synchronization to the new frequency standards.
- F. **Dispatch Consoles.** As part of turnkey solution for the System, the Vendor will be responsible for complete installation of new dispatch consoles at the locations and in the quantities specified in the following table:

Location	Quantity
Clay County Sheriff's Office 901 North Orange Avenue Green Cove Springs, FL 32043	7 dispatch consoles
Clay County Fire Rescue 2519 State Road 16 West Green Cove Springs, FL 32043	5 dispatch consoles

Orange Park Police Department 2025 Smith Street Orange Park, FL 32073	2 dispatch consoles
Green Cove Springs Police Department 1001 Idlewild Avenue Green Cove Springs, FL 32043	2 dispatch consoles

- G. **Antenna Systems.** The Vendor shall install new antennas and related equipment that will provide the County with the radio coverage required by the acceptance test procedures. If additional sites will be required, the Vendor will select, procure and install all needed equipment at each site including antennas. The Vendor shall comply with all FCC and Region 9 requirements and all County licenses.
- H. **Transmission Lines/Combiners/Multicouplers/TTAs.** The Vendor shall install new transmission lines for all sites. The new combiners must be capable of full 700 MHz and 800 MHz coverage, and must each be capable of at least twelve (12) transmitter inputs. All new multicoupler/tower-top amplifier systems shall be equipped with pre-selector filters, tower-top amplifier, variable attenuators, and on the ground test ports for VSWR testing in the shelter, and be of sufficient capacity to support all legacy and replacement receivers plus six (6) spare ports. Super flexible 1/4" or 1/2" coaxial cable shall be utilized for interconnecting transmitters, combiners, receivers, multi-couplers, and antenna system transmission lines. Standard-type connectors suitable for the 700/800 MHz band with Teflon insulation and gold- or silver-plated mating surfaces shall be used throughout the RF system. All new surge suppressors shall support the 700/800 MHz bands and surge protectors shall be installed at the port where cables enter the shelter.
- I. **County Responsibilities.** The County shall have the following responsibilities:
- (i) Assume the usage costs of power, leased lines, and generator fueling during the construction/installation effort and on an ongoing basis.
 - (ii) Provide personnel to observe construction progress and testing of site equipment according to the schedule provided by Motorola.
 - (iii) As applicable (based on local jurisdictional authority), be responsible for any installation or upgrades of the electrical system in order to comply with NFPA 70, Article 708, but only with respect to tower sites in existence on the Effective Date, and not with respect to any radio towers added by the Vendor under subsection 3.5.1 of the Agreement.
 - (iv) Provide a right of entry letter from the site owner for Motorola to conduct field investigations.
 - (v) Provide structural and foundation drawings of the antenna support structure if available.

- (vi) Provide access to the existing support facilities for the antenna cables (cable ladder, entry ports, waveguide bridge) from the antenna to the equipment room.
- (vii) Pay for any upgrade of the antenna support structure necessary to accommodate the new antennas, if required; provided, this provision shall not apply to any required increase in tower height.
- (viii) Provide space, HVAC, backup power (ups, generator), grounding, surge suppression, electrical outlets, lighting, fire suppression and cabling facilities for the equipment room per Motorola's R56 specifications, consistent with the site conditions in existence during the site inspection conducted on January 23, 2015, as depicted in the floor plans and schematics provided to the Vendor as of said date. Ceiling and cable tray heights in the equipment rooms should be such as to accommodate 7-foot equipment racks, and the ceiling should be 8 feet or greater.

Section 5. Grounding, Bonding and Lightning Protection

- A. The Vendor shall inspect the grounding systems at all facilities and provide a written report delineating any deficiencies and identifying the required corrective action. The written report shall be submitted to the County at least forty five (45) calendar days prior to the installation of new equipment. The County will consider the deficiencies and make disposition in a timely manner. The County may elect to correct the noted deficiencies or have the deficiencies corrected by the Vendor at additional cost.
- B. The Vendor shall furnish and install all grounding and bonding conductors and make connections to existing facilities. The conductors shall be Number 6 American Wire Gauge (AWG) copper wire or larger. The Vendor shall provide all grounding and lightning protection equipment, including surge arresters, to comply with the requirements of this section for all equipment installed as part of the Project. Bonding conductors shall be used to bond the various pieces of equipment, conduit, trays, etc., together.
- C. The Vendor shall perform a four-wire soil resistivity test and cause appropriate electrodes to be installed to meet the ground resistance requirement of less than 10 Ohms. The Vendor shall perform a ground resistance test after ground rods and lines are installed to demonstrate compliance with this requirement. The ground resistance readings shall be recorded and provided to the County by the Vendor prior to site acceptance. A single point ground system shall be used by the Vendor, whenever possible and approved by the County, on all equipment installed as part of the Project. The single point ground system installed within equipment shelters or buildings shall be connected to the exterior building/tower ground system. The grounding system installation shall be in accordance with the guidelines outlined in subsection D.

- D. The Vendor shall ensure that all equipment is installed, electrically bonded, grounded, and protected in accordance with the latest editions of:
- (i) NFPA 37, Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines.
 - (ii) NFPA 70, National Electrical Code.
 - (iii) NFPA 72, National Fire Alarm Code.
 - (iv) NFPA 110, Standard for Emergency and Standby Power Systems.
 - (v) NFPA 111, Standard on Stored Electrical Energy Emergency and Standby Power Systems.
 - (vi) NFPA 1221, Standard for the installation, Maintenance and Use of Emergency Services Communications Systems.
- E. The Vendor shall ensure that all equipment is installed and tested in accordance with the following requirements:
- (i) Each single row of equipment shall have a separate ground bus consisting of an AWG #2 or larger solid or stranded copper conductor. Each bus shall be connected to the single point ground window.
 - (ii) A single cabinet, rack, or enclosure and any associated transmission line or circuit protection devices shall have a ground conductor bonding all components to a single point ground near the equipment installation.
 - (iii) The antenna support structure/tower must be bonded to the external ground system using an exothermic weld, if permitted by the tower manufacturer.
 - (iv) All ground conductors that compose the external ground system shall be connected using exothermic welding.
 - (v) Transmission lines shall be grounded with properly sized ground kits and connected to the tower and entry bus.
 - (vi) The external ground system shall be tested for soil impedance in accordance with MILHDBK- 419A and shall provide a ground resistance of 10 Ohms or less.
- F. The Vendor shall provide new lightning surge protection for all metallic cables interfacing with equipment outside the site or facility. This includes alternating current (AC) power, RF cabling to the towers, telephone lines, and other equipment interfaces. All cables in cable trays shall be secured at intervals of no more than thirty-six (36) inches. Cables shall be supported for all runs in excess of twenty-four (24) inches. The Vendor shall provide a cable tray system at each site as may be required and/or as the Vendor proposes new or replacement trays. The Vendor shall install surge protection devices for all RF cabling and wiring associated with the System and Project.
- G. The Vendor shall identify surge protection deficiencies at existing facilities, if any exist, and recommend changes to the County. In the event that the County does not choose to improve any noted surge protection deficiencies, the Vendor shall

take appropriate steps to protect the new equipment associated with the System and Project, including the inclusion of surge arresters in interfaces between equipment. All coaxial transmission lines to external antennas shall be protected using suitable flange mount (or bulkhead mount, where necessary) surge protectors equivalent to the PolyPhaser IS-50-NX-CI. Telephone lines shall be protected using gas tube protectors that comply with Telcordia GR-1361 specifications.

Section 6. New Microwave Network/Expansion

- A. The Vendor must install the new Microwave System and all of its components. The Vendor must also connect any new sites into the System with privately-owned microwave hops in the 6 GHz band. Any potential new site must also be evaluated on the basis of microwave connectivity to the next two closest sites, in a manner that will preserve the primary ring network currently in use in the Existing System. All new microwave hops should be fully compatible with the new Microwave System. It will be necessary for the Vendor to maintain a relationship with Alcatel-Lucent throughout the design, implementation and cutover phases. The Vendor must coordinate space for two microwave dishes on each existing tower and negotiate space on any new tower (if required), and space for microwave equipment in each existing shelter and any new shelter (if required) as needed to create the new network connections. The Vendor must also coordinate space on existing towers for the additional microwave dishes, and space in existing shelters for the additional equipment if necessary. If any new sites are integrated into the microwave loops, there may be no net increase in dishes or equipment at the existing sites, except for possible temporary duplication while the path is being re-aligned.
- B. The Vendor must create a detailed design for integration of new tower sites, if any, into the new Microwave System, including changes to existing hops to accommodate new sites inserted into the loops. A cutover plan approved by the County must be created to bring the new sites on-line without any interruptions of service. Temporary loss of redundant paths may be necessary, but the Vendor must provide details, if that is the case. The Vendor will be responsible for the licensing of any new microwave frequencies.

Section 7. Training

- A. The Vendor is responsible for all training described in this section.
- B. Training shall include a pre-installation session to identify all the System features to be programmed by the Vendor as well as maintenance training after installation and acceptance. The Vendor shall provide familiarization/maintenance training for all technical personnel during the equipment provisioning and installation phases of the Project. This training will ensure familiarization with the System of Project leaders and maintenance personnel from the County's staff.

- C. Training must be provided in the following manner:
- (i) Instructor led classes for the County's technical staff and trainers for the train the trainer program.
 - (ii) Access to updated web based training materials throughout the life of the System.
 - (iii) Support materials to provide in house training
- D. On-site training seminars shall be provided and shall include complete training, beginning with basic theory through comprehensive coverage of the operation and maintenance of the equipment supplied under the Agreement. The Vendor shall supply highly skilled instructing personnel (with extensive training and experience on the equipment supplied under the Agreement) and all necessary instructional materials. All manuals, schematics, and other printed materials shall become the property of the attendees.
- E. The training seminars shall include but not be limited to the following:
- (i) Distribution of training literature.
 - (ii) A presentation of the general communications equipment/system theory, configuration, and features.
 - (iii) A description of routine communications procedures, features, and functions with demonstrations and hands-on participation.
 - (iv) Training for maintenance and troubleshooting of all equipment provided.
 - (v) Field optimization, maintenance, and repair.
 - (vi) Instructions for depot level maintenance of equipment, circuit boards, modules, assemblies, etc.
 - (vii) Troubleshooting to the appropriate level, utilizing the County's test equipment provided by the Vendor as part of the procurement of the System.
 - (viii) Specific training on the simulcast system optimization equipment and procedures.
- F. Initial training must be scheduled to take place within two (2) weeks of initial deployment of the new equipment so that the personnel will retain the knowledge obtained. At the conclusion of the overall training program, there must be a performance based test to validate the effectiveness of the training. In addition, the Vendor must develop and provide a web-based training plan to facilitate ongoing re-training of County personnel as deemed necessary by the County. The Vendor shall submit training personnel resumes, a list of training classes, and references for prior customers who have been trained by the Vendor's training personnel. The County shall interview the Vendor's training team and shall mutually agree on the training package and the qualifications of the training personnel prior to the development and execution of the customized County training program. The Vendor shall provide additional information on all

applicable training classes for management, emergency responder and maintenance staff available at the Vendor's manufacturing facilities where appropriate.

- G. **Radio System Operational Training.** The Vendor shall provide on-site, customized System operational training for up to forty (40) members of the County's staff. Training shall include System orientation and familiarization that includes discussion and equipment demonstration. The Vendor shall provide a training schedule that correlates to the implementation schedule. The Vendor's highly skilled personnel, familiar with the same equipment as that being implemented, shall conduct the training. This training shall be designed for administrators, agency coordinators, and system managers that require a solid, high-level understanding of the System and all supporting infrastructure. The Vendor shall provide one (1) set of manuals per student plus an additional five (5) sets of manuals. All manuals shall be provided in an electronic version such as *.PDF format. Five (5) CD-ROM/DVD copies shall be supplied; provided, the County may in its sole discretion agree that such copies may be supplied in a different format. The Vendor's program shall include training in orientation, management, and operation of all equipment provided with the new System, and must address the following items:
- (i) Overview of the System, including:
 - 1. Basic operation of System, System components and responder equipment.
 - 2. Basic use of the portable and mobile radios.
 - (ii) Use of the System.
 - (iii) Use of diagnostic tools for the System.
 - (iv) Fleet mapping for the System.
 - (v) Database management and network administration for the System.
 - (vi) Use of the System's network control and management system/alarm monitoring.
 - (vii) Familiarization and orientation with the System's communication facilities.
 - (viii) System reporting and utilization analysis.
 - (ix) Interoperability of the System, including:
 - 1. Implementing interoperability functionality.
 - 2. Implementing interoperability functionality of the radio console.
- H. The training described in subsection G shall be designed so that, upon completion, a County technical staff member will be qualified to comprehend with respect to the System radio system management, the network and fallback design, and will be able to competently perform System diagnostics and operate the mobile and/or portable units. Instruction material must be included as a part of each course and shall become the property of the County.

- I. **Radio System Management Training.** The Vendor shall provide on-site System management training for up to five (5) members of the County's technical staff. Training shall include System orientation and familiarization that includes discussion and equipment demonstration. Ongoing training opportunities for new or updated components via internet or CD-based self-paced programs developed by the Vendor are also encouraged by the County. The Vendor shall provide on-site training in orientation, management, operation, and maintenance of all System management subsystems and associated network elements. The training shall include education on the theory of operation and practical administration and maintenance procedures for the entire System infrastructure and all systems and subsystems contained therein.
- J. With regard to training described in subsection I, the Vendor shall conduct comprehensive classroom operator training for the communications management personnel operating and administering the new System. This training shall be conducted in a classroom environment, using training aids, and a comprehensive model of the entire System. Training aids such as videos, System diagrams, training manuals showing working functionality, and a qualified instructor shall be available for these classes. There shall be handouts available for all attendees. Each student shall receive a customized system management training manual. In addition to the system management training manual, an electronic version such as *.PDF shall be provided. Twelve (12) hard copies and twelve (12) CD-ROM/DVD copies shall be supplied. The Vendor shall provide, in addition to the customized training plan and handout material, twelve (12) video DVD copies that will instruct a technical staff member on the operational functions and features of the radio System and the mobile and/or portable fleet. The course content shall include the following, at a minimum, for all network subsystems:
- (i) As-Built documentation structure, numbering system, and configuration control system.
 - (ii) Block diagram and System description.
 - (iii) System and radio programming and fleet mapping.
 - (iv) Use of software applications.
 - (v) Logging recorder configuration and management.
 - (vi) Database development, optimization, and management.
 - (vii) Client level maintenance.
- K. **Emergency Responder Training – Train the Trainer.** The Vendor shall develop and conduct training classes for County personnel to familiarize them with all the features and functionality of the new console system. The Vendor shall provide on-site, "Train the Trainer" type courses for the following categories of equipment if provided:
- (i) Radio consoles.
 - (ii) Mobile radios.
 - (iii) Portable radios.

- (iv) Alternative support systems and specialized equipment (if utilized)
- L. The training described in subsection K shall include System orientation and familiarization that includes theory of operation discussion and equipment demonstration. The training shall be designed so that, upon completion, each student will be qualified to train System emergency responders on the customized County operation of the specific equipment. For example, the student shall be qualified to train County first-responders and general government users on the operation of all provided mobiles and portables. The Vendor shall customize all “Train the Trainer” courses as reasonably required by the County in conjunction with the specific programming and configuration parameters utilized by the County. Training shall also include programming and installation of the mobile and portable equipment.
- M. With regard to training described in subsections K and L, the Vendor shall provide training for up to four (4) classes of thirty-five (35) students per class. The Vendor’s highly skilled personnel shall conduct the training. Instructional material shall be included as parts of each course and will become the property of the County. These courses shall include the following topics:
 - (i) Implementing all features and functions of the radio.
 - (ii) Basic use of the portable and mobile radios.
 - (iii) Implementing interoperability functionality.
- N. Training aids such as videos, system diagrams, training manuals showing working functionality and a qualified instructor shall be available for the classes described in subsection M. The Vendor shall provide appropriate handouts for all attendees. The Vendor shall provide to each student a personal “Trainer’s Guide” training manual. In addition to the “Trainer’s Guide” training manual, the Vendor shall provide an electronic version such as *.PDF (Portable Document Format) readable with the Adobe Acrobat Reader software. The Vendor shall provide, in addition to the training plan, and handout material, five (5) video DVD copies that will instruct an emergency responder on the operational functions and features of all provided System mobile and portable radios; provided, the County may in its sole discretion agree that such copies may be supplied in a different format.
- O. **On-Site Radio Usage Training.** The County shall provide most of the on-site radio usage training through instructors trained under the Train the Trainer program described in subsections K through M. The Vendor will provide technical support through qualified personnel on site during periods of equipment rollout to ensure that all responders and other authorized radio users walk out the door confident in the use of the radios and the System. Such support will not be a training class, but rather a technical resource to answer specific questions and concerns that may arise upon rollout. The County trainers shall be responsible for taking the lead on initial and continued field training.

- P. **Ongoing Training.** In addition to the training provided in this section, the Vendor must develop and provide a web-based training plan to facilitate ongoing re-training of County personnel as deemed reasonably necessary by the County.

Section 8. NCMS Terminals

- A. The Vendor shall install six (6) NCMS terminals. The terminals shall consist of a keyboard, processor, software, 21 inch LCD or LED color display, all necessary interconnect cabling, and 120 VAC operation. The Vendor shall also provide two (2) color network printers. The master terminal and two others shall be installed at the master site, along with a network printer. Two other terminals and a printer shall be installed in the offices at the System maintenance facility. The final terminal shall be installed along with the redundant System control point.
- B. Each NCMS terminal installed under subsection A shall allow an operator at the terminal to perform at least the following typical tasks:
- (i) Inquire about the status of alarms.
 - (ii) Inquire and make changes to the priority level of assignments of any and all units in the System, such assignments to include those made on an individual basis, by user group, or both.
 - (iii) Inquire about dispatch call loading information. The NCMS terminal shall display the real time activity of the System controller and shall include, at a minimum, the following information:
 - 1. System configuration and management.
 - 2. System alarms.
 - 3. Specific working channels in current use.
 - 4. Specific working channels available for use.
 - 5. Specific channel being used as trunking control/signaling channel.
 - 6. Working channels removed from operation by the NCMS.

Section 9. System Database

- A. The System management function shall be capable of partitioning the database such that different managers have access to and control over the units and groups for which they have been authorized. The System must have messages that include caller ID, start of call, end of call, call transmitter location, transmitter outage, etc. The System must include equipment that causes all of these messages to be recorded, maintained and stored in a database (the Message Database) with three (3) years system message capacity information. The equipment associated with the Message Database must include a ready and reliable means for efficiently searching and retrieving the stored messages.
- B. The System must include equipment that creates, manages and maintains a database that simultaneously records, stores and updates System user profiles,

such as user group access, priority levels, dynamic regrouping plans, authorization codes, call statistics, traffic recordings for each radio, talk group, fleet map and agency, etc. (the System Database). The equipment associated with the System Database must include a ready and reliable means for efficiently searching and retrieving the stored information therein.

- C. The equipment that creates, manages and maintains the System Database must be configured so that whenever a field unit is turned on and the unit is within RF coverage range of the System, the unit's discrete address and user group selection is recorded into the System Database. The configuration of the System Database must permit user defined sorting of calls by units, groups, time of day, duration of call, channel, site, and priority. The System Database must be configured so as to continuously record and back up the data it receives in real time. The backup of the System Database must be configured to function as a "fault tolerant" database that is automatically kept current. The System Database must be configured such that, if a failure occurs with the primary System Database; the backup System Database shall automatically be activated for System access with no drop in service. The System Database must have sufficient capacity to store all System profiles, as well as the capacity to store a minimum of one (1) month of System activity for report generation. The System Database must be configured such that every twenty-four (24) hours it is automatically backed up and stored on devices external to the trunked control system, such as a hard drive or a LAN.
- D. The System manager workstation shall include a primary and redundant online data logger with sufficient memory to store one (1) week of data from the trunked System under maximum System loading. The redundant, real-time data logger shall be configured to automatically go "online" in the event the primary data logger fails. The Vendor shall provide a means of transferring and recalling this data to and from off-line, quasi-permanent storage media (the Storage Media). The County intends to retain the Storage Media for a period of ninety (90) days, and the System must be equipped and configured to accomplish this.

Section 10. System Diagnostics

- A. The Vendor shall provide and install sufficient hardware and software to monitor and test the trunked radio system (the Diagnostic System). The Vendor shall cause the Diagnostic System to be configured so that it continuously tests all RF repeater stations, site controllers, and other critical hardware and software functions. Should any abnormalities be found during a test sequence, the Diagnostic System must cause the abnormality to be logged.
- B. Typical alarms to be displayed by the NMCS from the Diagnostic System shall include, but not be limited to the following:
 - (i) Radio equipment alarms from the P25 repeaters and controllers.
 - (ii) Power system alarms including UPS, batteries, generators, etc.

- (iii) Microwave system alarms and dehydrator alarms.
 - (iv) Site alarms like entry, temperature, smoke, HVAC failure.
- C. At a minimum, the information logged by the Diagnostic System as required under subsection A shall include the type of problem encountered, the date and time, and the channel(s) or equipment where the problem occurred. Additionally, the Diagnostic System shall activate audible and visible alarms to notify the System supervisor of the problem. If a failure results in a loss of transmitter power or high VSWR on a repeater station, combiner, or antenna system, the System controller must be configured so that it automatically removes the affected repeater station from the System until such time that the fault is corrected. If interference is received on a radio channel, the System controller must be configured so that it automatically removes that channel and associated receivers from the system until such time that the fault is corrected. When a repeater station or a radio channel is removed from service, the Diagnostic System must be configured so that it sends an immediate alarm to the System supervisor. The NCMS alarming subsystem shall be capable of expansion with additional alarms in the future as needed by the County.

Section 11. Mobile and Portable Equipment

- A. All mobile and/or portable equipment supplied by the Vendor shall have been independently tested for compliance to the published MILSTD 810 C, D, E, and F standards for temperature, shock, humidity, vibration, salt, fog, dust, blowing rain and, where appropriate, water submersion. The Vendor shall provide authenticated inspection and factory test documentation for all equipment supplied, showing that the equipment meets the specifications. All mobile and portable accessories must be standardized to the greatest extent possible to simplify maintenance and reduce spare parts inventories. All mobile and portables shall be capable of performing all functions and features of the System. All mobile and portable equipment must be capable of operating in the 700 MHz and 800 MHz bands.
- B. **Mobile Installations.**
 - (i) The Vendor shall install all mobile radio equipment for the System in accordance with the requirements of this subsection B.
 - (ii) The Vendor shall cause all mobile equipment installations to take place within the County. The Vendor shall perform a sample installation of mobile equipment on each of the various types of vehicles in which mobile equipment will be operated. The sample installations shall be modified as necessary and approved by the County before additional mobile equipment is installed. All mobile radio installations shall include an optional power-down timer switch that turns the radio off after a selectable time limit. Time shall be variable between 30 minutes to three

hours. The timer shall be reset when the vehicle ignition switch is activated.

- (iii) The Vendor shall coordinate with the County to establish a work area and other necessary facilities for mobile equipment installations, vehicle availability, and a detailed schedule. Both positive and negative high-current power cables shall be run directly to the vehicle battery or power distribution point to ensure a noise-free installation. Installation of mobile equipment shall minimize the exposure to and possibility of damage due to abuse, vandalism, and theft. Theft-resistant fasteners and mountings shall be used when necessary. Cables shall be run in hidden and protected spaces to the degree possible. New microphone holders in vehicles shall be located in a position convenient to the driver; exact locations shall be coordinated with Clay County for each type of vehicle.
- (iv) The Vendor will remove all existing legacy radios, wiring harnesses, speakers, and other mounting accessories and replace them with the new components. As part of the mobile installation, the Vendor shall reconnect all existing subordinate systems in the vehicles, such as communication systems for headsets. For any motorcycle operations, the Vendor will include a “quick-disconnect” interface for the officer to disconnect from the standard motorcycle radio and the ability to plug in directly into his/her portable radio without the need to remove his/her motorcycle safety helmet. This will ensure that the officer will always remain in radio contact during the officer’s time away from the motorcycle without the need to remove the helmet for radio communications. Mobile antennas and antenna cables shall be installed on all types of County vehicles. Installations shall be in accordance with the mobile radio installation plans schedule, as proposed by the Vendor and approved by the County. The Vendor shall exercise care to ensure compliance with the manufacturer’s installation instructions as previously noted.
- (v) Each mobile radio and the installation thereof must include the following:
 - 1. 3db gain operational across the entire 763-862 MHz frequency range per current FCC requirements.
 - 2. NMO style base with 17’ of Teflex coax or its equivalent.
 - 3. All required mounting hardware, accessories, and appropriate coax connector.

C. **Portable Radios.** All portable radios provided by the Vendor for the System shall be equipped with a top display, desktop-style battery charger and/or in-vehicle charger, a spare battery of the same type and duty cycle rating as the primary battery provided with the radio, and a standard belt clip. All portable radios shall be equipped standard with a ½ wavelength whip style antenna and be

operational across the entire 763-862 MHz frequency range per current FCC requirements. Portable radios shall be capable of operation in the following modes:

- (i) P25 12.5 kHz FDMA trunked mode;
- (ii) 12.5 kHz TDMA trunked mode;
- (iii) P25 12.5 kHz FDMA conventional mode; and,
- (iv) 12.5 kHz analog FM mode in the 700/800 MHz public safety band.

Section 12. System Performance Standards. The System Performance Standards contemplated in the Agreement are the requirements for the System set forth in this section.

- A. The coverage reliability requirement for the System applies to both the area coverage reliability and the in-building coverage reliability. The area coverage reliability requirement is such that the System must meet the DAQ 3.4 performance requirement for portable radios worn at hip level in 97% of the entire area located within territorial boundaries of the County (the Service Area). **This means that the System must perform so that 97% of the Service Area shall exhibit the specified coverage resulting in a DAQ 3.4.** The in-building coverage reliability requirement is such that the System must meet the DAQ 3.4 performance requirement for portable radios worn at hip level in 100% of the buildings identified in Appendix H of the RFP. **This means that the System must perform so that 100% of said buildings shall exhibit the specified coverage resulting in a DAQ 3.4.**
- B. **Portable Radio Coverage.** The Vendor shall design and operate the System to achieve portable radio coverage on-street with the portable radio and antenna worn at hip level (1m AGL) throughout the Service Area. The Vendor's System design and coverage acceptance testing configuration shall be conducted with the radio and antenna at hip level using a microphone without a microphone antenna. Because of the variety of methods for hip mounting and portable carrying cases, the System must be designed based on a swivel case on the hip, consistent with the 88.1-D TSB-88.1-D recommendation for the "worst case" carrying device. The example below is based on a portable in a swivel case with a ¼ wave antenna per TSB-88.1-D and was clarified that it was just an example.

		Running Total
Reference Sensitivity	-119 dBm	-119 dBm
Static C/N	-7.6 dB	-126.6 dBm
Faded C/N for DAQ 3.4	17.7 dB	-108.9 dBm
Swivel Clip Carrying Case	15.4 dB	-94 dBm
Building Attenuation	12 dB	-82 dBm

Motorola's design is based on a portable in a swivel case at hip level with a ½ wave flex antenna which was detailed in the proposal response. The street level for the acceptance test plan is as noted in the table below -99.4 dbm.

		Running Total
Reference Sensitivity	-118.5 dBm	-118.5 dBm
Static C/N	-6.5 dB	-125.0 dBm
Faded C/N for DAQ 3.4	17.0 dB	-108.0 dBm
Swivel Clip Carrying Case	8.6 dB	-99.4 dBm

- C. The System Performance Standards include all requirements for the System set forth in Section 6 of the RFP to the extent not addressed in subsections A and B.
- D. Compliance with these System Performance Standards will be established by the Vendor successfully completing the tests set forth in the Acceptance Test Plan (Exhibit B).

Section 13. Single Point Failure Modes/Equipment Redundancy

- A. The Vendor shall design the System so as to prevent a loss of trunked communications due to any single point failure within the System. The Vendor shall define all single point failure modes that will cause the System to be degraded into modes of Catastrophic Failure, as that term is defined in the Acceptance Test Plan attached to the Agreement as Exhibit B, or an operational mode that degrades System functionality. If System modifications must be made to prevent these failures, the Vendor shall make such modifications at no cost to Clay County. During the Acceptance Testing phase, if the County can remove a single module or disconnect a single cable that causes such a Catastrophic Failure, the System shall not be accepted until the Vendor corrects the failed configuration. Any subsystems shall be considered in this evaluation. Redundancy shall be employed for all System elements whose failure would result in such a Catastrophic Failure of the System, or constitute a single point of failure of the entire System. As necessary, a suggested list follows:
 - (i) System Controllers.
 - (ii) The fixed end control equipment for the System will be located at the Clay County Sheriff's Office and Clay County Fire Rescue as provided in Section 4.F.
 - (iii) The geo-redundant prime sites for the System shall be at the locations described in paragraph (ii) above.
 - (iv) The System controllers, any radio frequency gateway devices, and other computer-based fixed end equipment shall be fully redundant and automatically protected against failure using either hot-standby switch-over or a fault-tolerant, multi-processor architecture.
 - (v) The System controller shall maintain 100 percent functionality in the event of the failure of one of its redundant elements.

- B. The System must feature fault tolerant design to ensure that the performance and capacity of the controllers are not reduced by more than ten (10) percent during the failure of any single processor.

Section 14. Project Schedule and Timetable

- A. Upon the County's approval, the Vendor shall prepare and submit a schedule for the Project (the Project Schedule) and Gantt chart (the Gantt Chart) including, at a minimum, the following tasks:
 - (i) Completion of System design review.
 - (ii) Training of the technicians responsible for System maintenance.
 - (iii) System staging completed.
 - (iv) Completion of infrastructure installations at end locations.
 - (v) Infrastructure acceptance testing successfully completed.
 - (vi) Coverage testing successfully completed.
 - (vii) Test documentation submitted to the County.
 - (viii) Initial portable and mobile fleet of non-public safety user training and portable and mobile installation completed.
 - (ix) 60-day operational test successfully completed.
 - (x) System infrastructure accepted and applicable warranty periods begin.
 - (xi) Completion of transitioning the remaining County agencies to the System.
 - (xii) Project completion.
- B. The Project Schedule shall clearly identify tasks to be performed by both the County and the Vendor. The Project timeline as reflected in the Project Schedule and the Gantt Chart shall include important milestones and logical breakpoints by which the County and the Vendor shall assess the progress to date, and prepare for the remaining project tasks.

Section 15. Tower Upgrade and Modification

- A. For purposes of this section, the following terms shall have the meanings attributed thereto unless the context clearly indicates a different meaning:
 - (i) "Keystone Tower Plans" means the 13 page document entitled "Modification to Existing 480'± Guyed Tower Keystone Site for Motorola Solutions" prepared by Pate Engineering, Inc., of Tampa, Florida, signed and sealed on August 24, 2016, and bearing Job Number 16-141B, a copy of which is attached to this Statement of Work as Addendum No. 1.
 - (ii) "Sleepy Hollow Tower Plans" means the 10 page document entitled "Modification to Existing 480'± Guyed Tower Sleepy Hollow Site for Motorola Solutions" prepared by Pate Engineering, Inc., of Tampa, Florida, signed and sealed on August 24, 2016, and bearing Job Number

16-141A, a copy of which is attached to this Statement of Work as Addendum No. 2.

- (iii) “Nudd Report” means the 83 page document regarding the Long Bay Tower located at N 30.0952875, W 81.8596902, entitled “Structural Analysis of Existing 480 ft Guyed Tower Considering Various Configurations of Existing and Proposed Wireless Equipment”, including the several documents attached thereto, prepared by Fred A. Nudd Corporation of Ontario, New York, signed and sealed on June 13, 2016, and bearing Job Number 116-21012 and providing that the upgrading of the Long Bay Tower consists of the following: (i) Replace guy wire at 210 ft with new 9/16” diameter EHS wires tensioned to 10% of their ultimate breaking strength and (ii) Replace guy wire at 470 ft with new 9/16” diameter EHS wires tensioned to 10% of their ultimate breaking strength. The Nudd Report is incorporated by reference herein.
 - (iv) “Tower Upgrade and Modification Projects” means the upgrade and modification of the Keystone Tower in accordance with the Keystone Tower Plans, the upgrade and modification of the Sleepy Hollow Tower in accordance with the Sleepy Hollow Tower Plans, and the upgrade of the Long Bay Tower in accordance with the Nudd Report.
- B. The Vendor shall undertake and complete the Tower Upgrade and Modification Projects and shall do so in accordance with the terms set forth in Vendor’s August 16, 2016 proposals for such work.
- C. The Project Schedule and the Gantt Chart, provided for in Section 14 above, shall include the Tower Upgrade and Modification Projects.

Section 16. Keystone Tower Remediation

- A. For purposes of this section, the following terms shall have the meanings attributed thereto unless the context clearly indicates a different meaning:
- (i) “Keystone Tower Remediation Plans” means the 14 page document entitled “Modification to Existing 480’± Guyed Tower Keystone Site for Motorola Solutions” prepared by Pate Engineering, Inc., of Tampa, Florida, signed and sealed on November 23, 2016, and bearing Job Number 16-141B, a copy of which is attached to this Statement of Work as Addendum No. 3.
 - (ii) “Keystone Tower Remediation Project” means the remediation of the Keystone Tower in accordance with the Keystone Tower Remediation Plans.

- B. The Vendor shall undertake and complete the Keystone Tower Remediation Project and shall do so in accordance with the terms set forth in Vendor's December 6, 2016 proposal for such work. Further, upon completion of such work, specifically proper completion of the tower modifications shown on the Keystone Tower Remediation plans and the changing of the tower loading to the final configuration required by the remediation plans, Vendor shall confirm that the tower meets the requirements of ANSI/TIA-222-G-2 and the Florida Building Code 5th Edition (2014) for the criteria shown on the Keystone Tower Remediation Plans as represented in Pate Engineering Inc.'s December 19, 2016 correspondence to Vendor, attached to this Statement of Work as Addendum No. 4.
- C. The Project Schedule and the Gantt Chart, provided for in Section 14 above, shall include the Keystone Tower Remediation Project.

[End of Statement of Work]

Addendum No. 1
[Keystone Tower Plans]



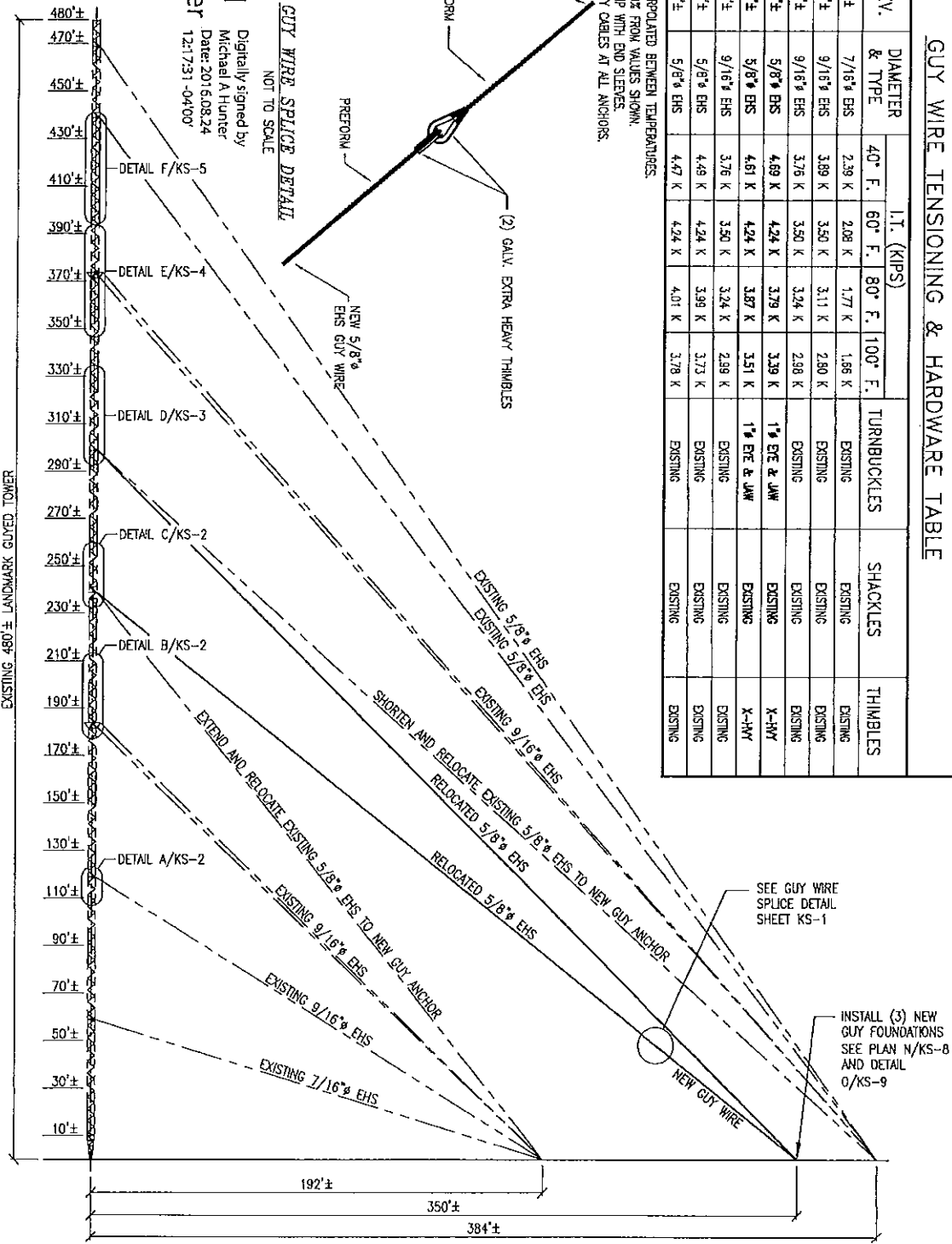
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY
MICHAEL A. HUNTER, PE (FLORIDA PE #58068) ON 8/24/2016
USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT
ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE
MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Michael
A Hunter

Digitally signed by
Michael A Hunter
Date: 2016.08.24
12:17:31 -0400

GUY WIRE SPICE DETAIL

NOT TO SCALE



EXISTING TOWER ELEVATION
NOT TO SCALE

GUY WIRE TENSIONING & HARDWARE TABLE

BREAKING STRENGTH	GUY LEVEL	ELEV. & TYPE	I.T. (KIPS)				TURNBUCKLES	SHACKLES	THIMBLES
			40' F.	60' F.	80' F.	100' F.			
20.8 K	1	60'± 7/16" EHS	2.39 K	2.08 K	1.77 K	1.56 K	EXISTING	EXISTING	EXISTING
35.0 K	2	120'± 9/16" EHS	3.89 K	3.50 K	3.11 K	2.80 K	EXISTING	EXISTING	EXISTING
35.0 K	3	185'± 9/16" EHS	3.76 K	3.50 K	3.24 K	2.98 K	EXISTING	EXISTING	EXISTING
42.4 K	4	240'± 5/8" EHS	4.69 K	4.24 K	3.79 K	3.39 K	EXISTING	EXISTING	X-HY
42.4 K	5	300'± 5/8" EHS	4.61 K	4.24 K	3.87 K	3.51 K	EXISTING	EXISTING	X-HY
35.0 K	6	375'± 9/16" EHS	3.76 K	3.50 K	3.24 K	2.98 K	EXISTING	EXISTING	EXISTING
42.4 K	7	440'± 5/8" EHS	4.49 K	4.24 K	3.99 K	3.73 K	EXISTING	EXISTING	EXISTING
42.4 K	8	470'± 5/8" EHS	4.47 K	4.24 K	4.01 K	3.78 K	EXISTING	EXISTING	EXISTING

NOTE: (1) GUY TENSIONS MAY BE INTERPOLATED BETWEEN TEMPERATURES.

(2) GUY TENSIONS MAY VARY 10% FROM VALUES SHOWN.

(3) INSTALL GALVANIZED BIG-GRIP WITH END SLEEVES.

(4) PROVIDE TURNBUCKLE SAFETY CABLES AT ALL ANCHORS.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015

DRAWING TITLE
GENERAL ARRANGEMENT

JOB NUMBER
16-141B

JOB TITLE
MODIFICATION TO EXISTING
480'± GUYED TOWER
KEYSTONE SITE
FOR
MOTOROLA SOLUTIONS

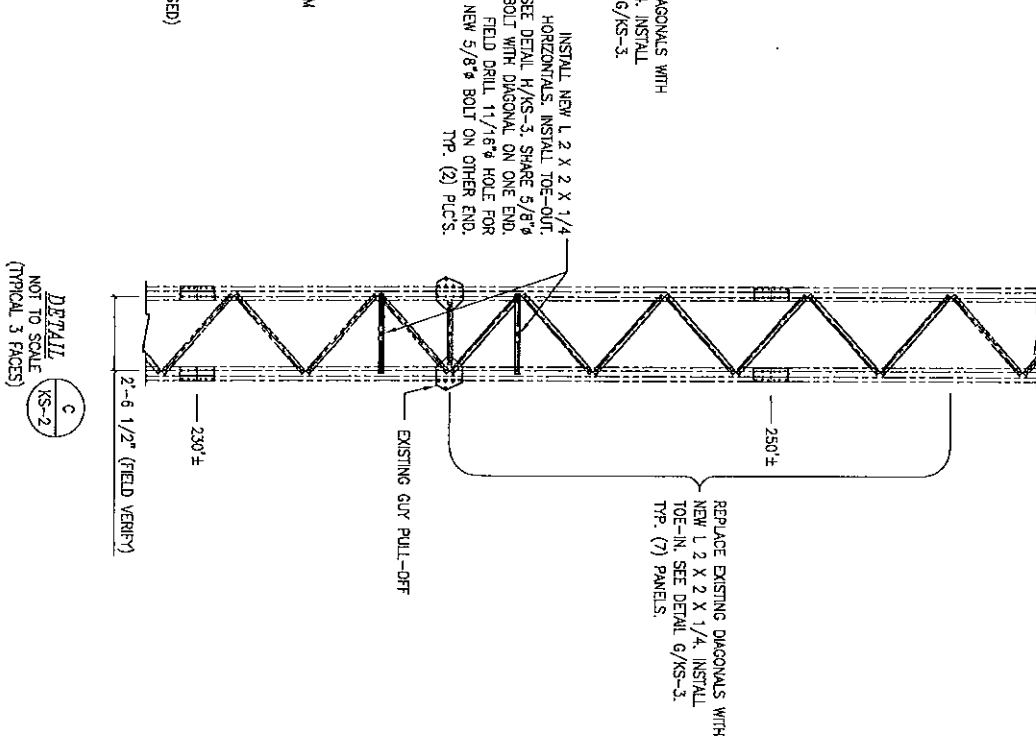
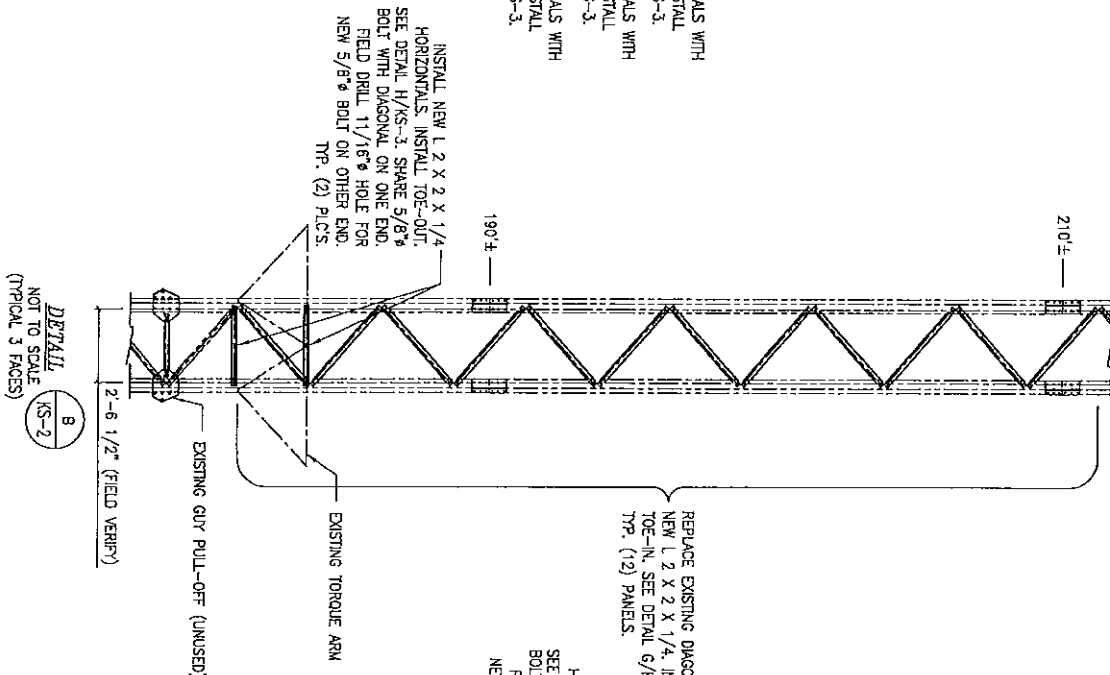
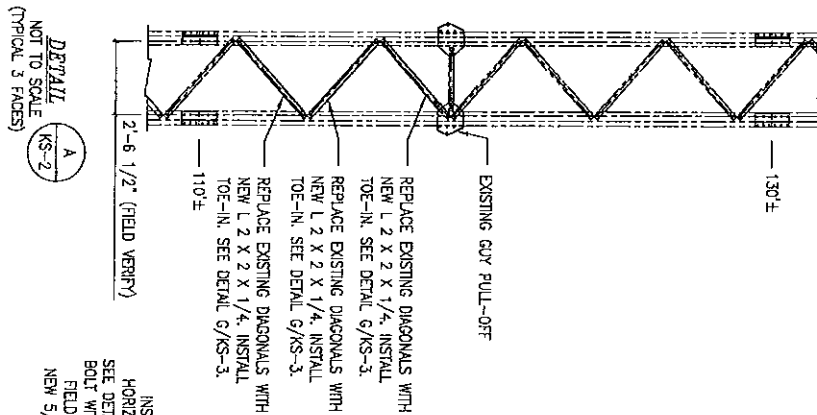


Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

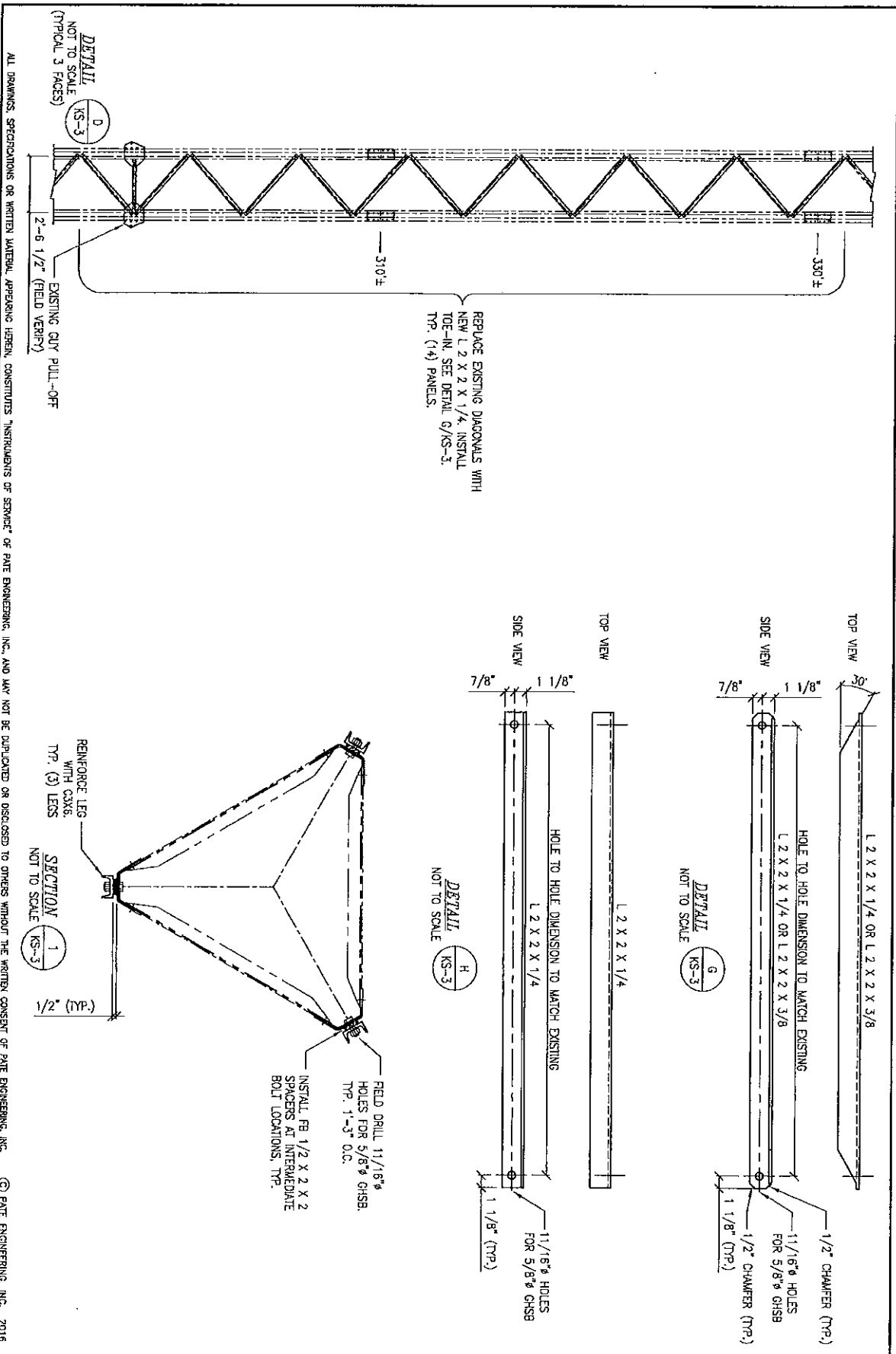
DESIGNED BY
VRI
DRAWN BY
VRI
CHECKED BY
VRI
APPROVED BY


REVISIONS
REV. DESCRIPTION DATE
A FOR APPROVAL 7/15/16
B REV GUY WIRE 8/3/16
C FOR CONSTRUCTION 8/24/16

ALL DIMENSIONS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

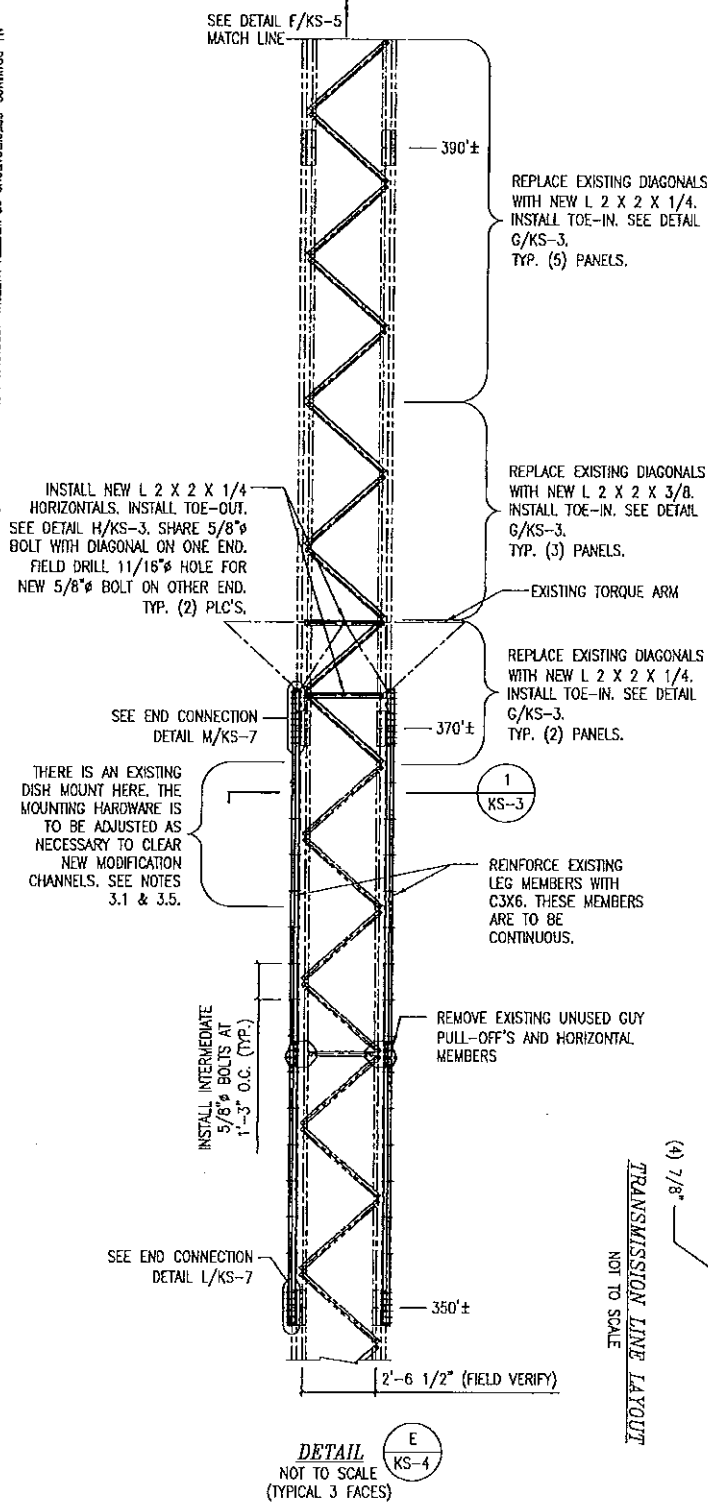


DRAWING TITLE			DRAWING REVISION			
DETAILS			REV.	DESCRIPTION	DATE	DATE
JOB TITLE			A	FOR APPROVAL	7/18/16	
MODIFICATION TO EXISTING			B	REV GUY ANCHOR	8/3/16	
460'± GUYED TOWER			C	FOR CONSTRUCTION	8/24/16	
KEYSTONE SITE						
FOR						
MOTOROLA SOLUTIONS						
DRAWING NO.			PATE ENGINEERING, INC.			
16-1418			13540 N. FLORIDA AVE. SUITE 203			
REV. 0			TAMPA, FLORIDA 33613			
			813-960-0002			
			FL CERTIFICATE OF AUTHORIZATION #4524			

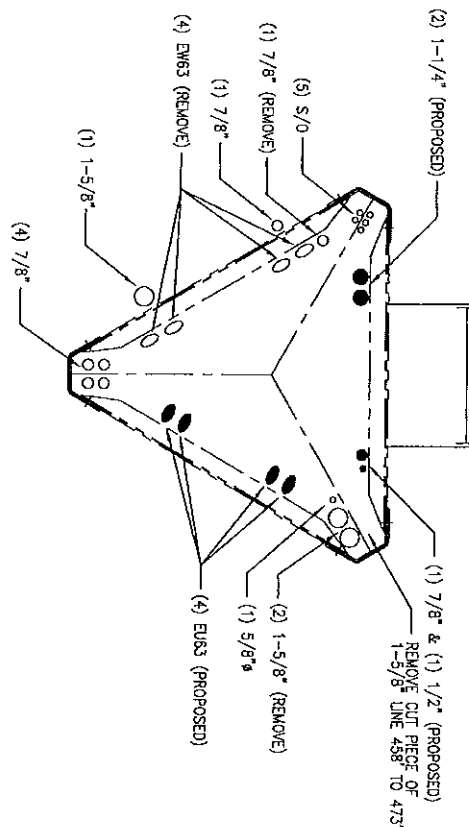



DRAWING TITLE			JOB TITLE			Pate Engineering Inc.		DESIGNED BY KH						DRAWING RECORD							
DETAILS			MODIFICATION TO EXISTING 480± GUYED TOWER KEYSTONE SITE FOR			13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002		DRAWN BY KH		REV.		DESCRIPTION		DATE		REV.		DESCRIPTION		DATE	
OR NUMBER			DRAWING NO.			FL CERTIFICATE OF AUTHORIZATION #4524		CHECKED BY KH		A		FOR APPROVAL		7/18/16							
16-1418			KS-3 OF 13					APPROVED BY		B		REV GUY ANCHOR		8/3/16							
0			0			MOTOROLA SOLUTIONS				D		FOR CONSTRUCTION		8/24/16							

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016



TRANSMISSION LINE LAYOUT
NOT TO SCALE

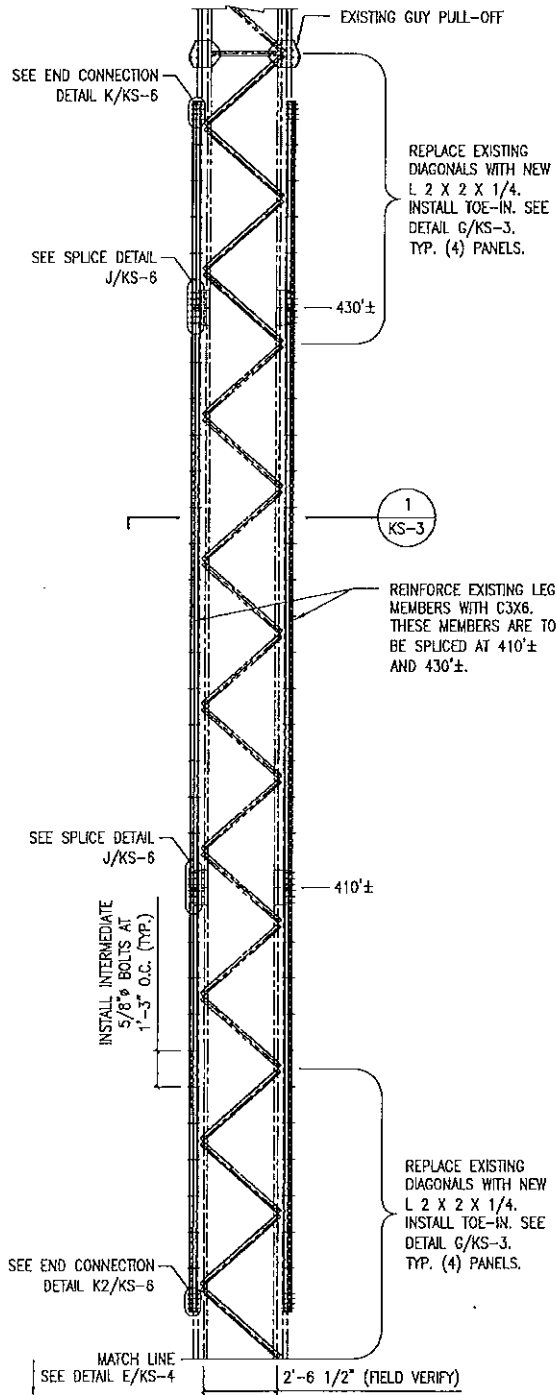


DRAWING TITLE				JOB TITLE				DESIGNED BY				DRAWING RECORD															
DETAILS				MODIFICATION TO EXISTING 480± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS								JRI				REV.		DESCRIPTION		DATE		REV.		DESCRIPTION		DATE	
JOB NUMBER		DRAWING NO.		REV.				13540 N. FLORIDA AVE, SUITE 203		CHECKED BY		UH		A		FOR APPROVAL		7/18/16									
16-141B		KS-4 OF 13		0				TAMPA, FLORIDA 33613		APPROVED BY				B		REV GUY ANCHOR		8/3/16									
								813-960-0002						C		FOR CONSTRUCTION		8/24/16									
								FL CERTIFICATE OF AUTHORIZATION 14524																			



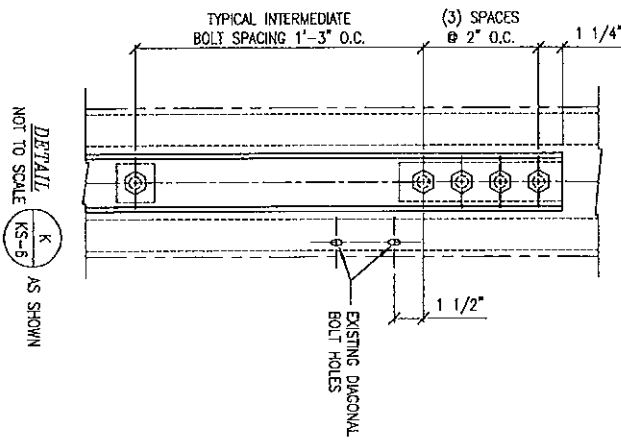
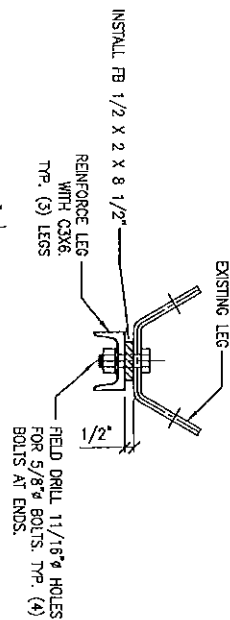
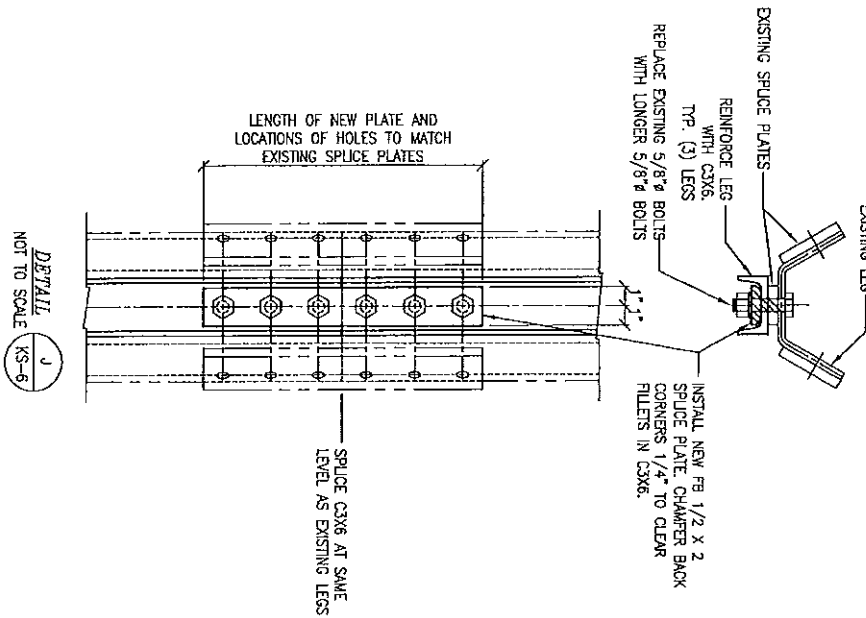
Pate Engineering Inc.
13540 N. FLORIDA AVE, SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION 14524

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC., 2016



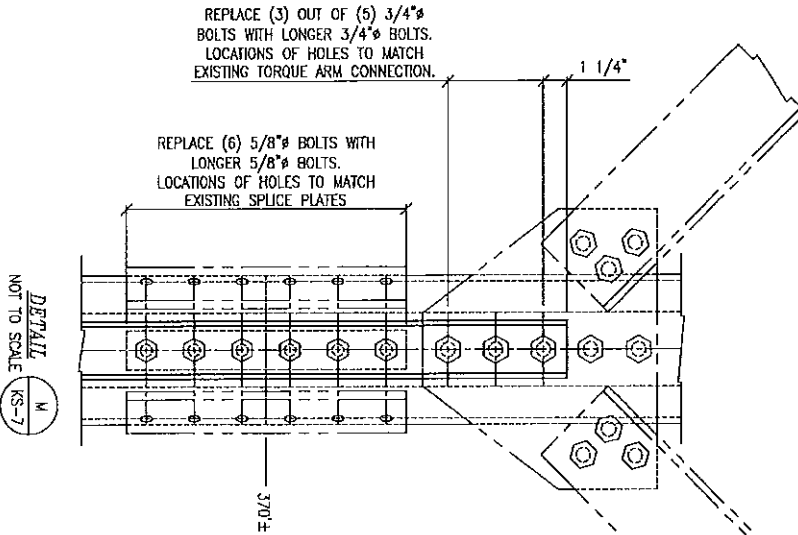
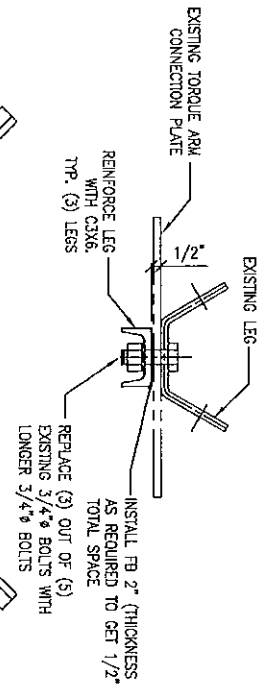
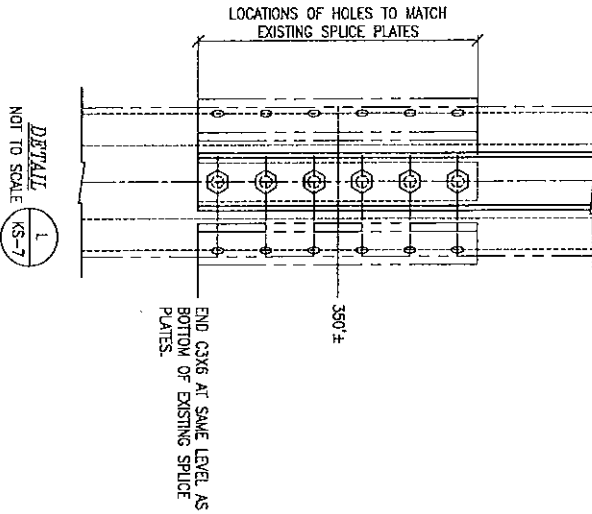
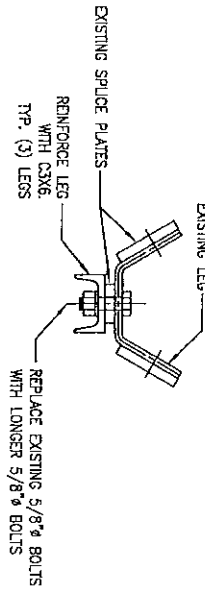
DETAIL **F**
KS-5
NOT TO SCALE
(TYPICAL 3 FACES)

DRAWING TITLE				JOB TITLE				DESIGNED BY			
DETAILS				MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS				 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524			
JOB NUMBER		DRAWING NO.		REV.		DATE		REV.		DATE	
16-1418		KS-5 OF 13		0		7/16/16					
						6/3/16					
						6/24/16					



ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

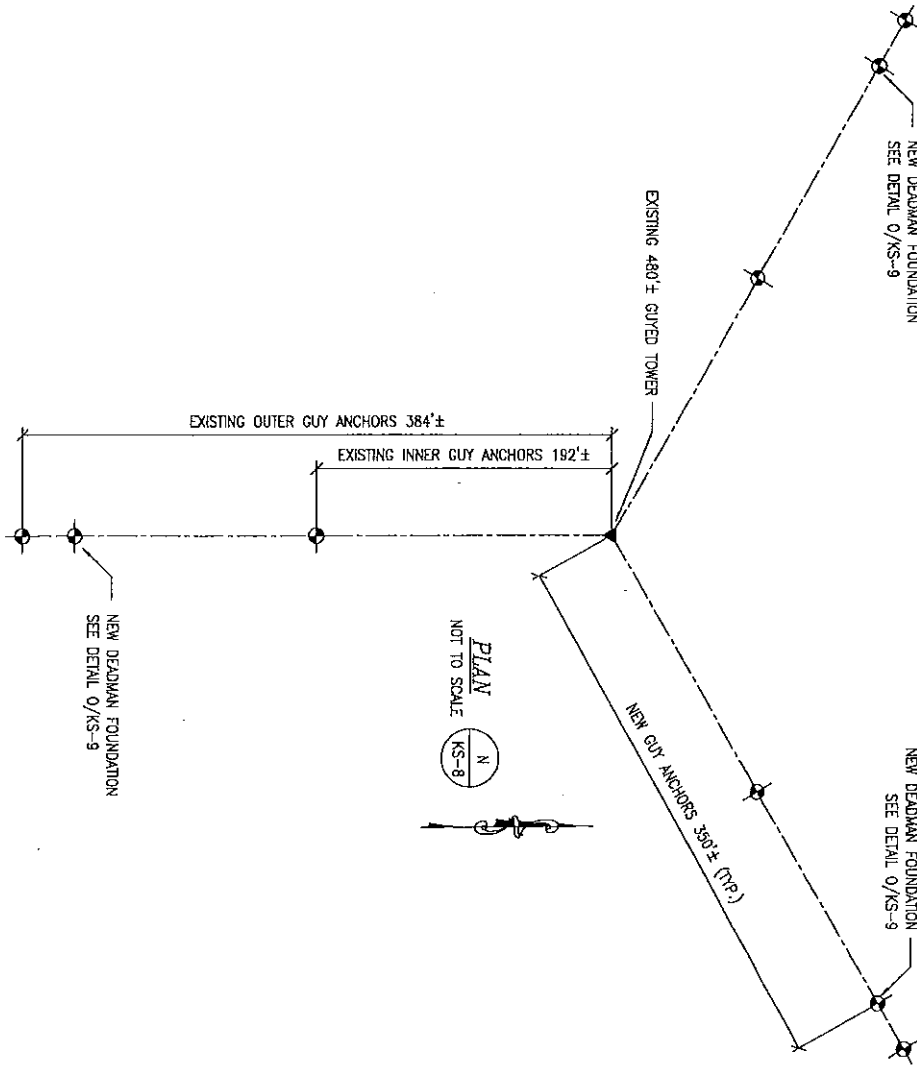
DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		DESIGNED BY		DRAWING RECORD			
DETAILS		MODIFICATION TO EXISTING 480± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL. CERTIFICATE OF AUTHORIZATION #4524		VH		REV.	DESCRIPTION	DATE	REV.
JOB NUMBER 16-141B	DRAWING NO. KS-6 OF 13	REV. 0				DRAWN BY		A	FOR APPROVAL	7/18/16	
						CHECKED BY		B	REV GUY ANCHOR	8/3/16	
						APPROVED BY		D	FOR CONSTRUCTION	8/24/16	




ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE DETAILS		JOB TITLE MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DESIGNED BY KH		DRAWING RECORD			
JOB NUMBER 16-1418		DRAWING NO. KS-7 OF 13		REV. 0		DRAWN BY KH		REV.	DESCRIPTION	DATE	
						CHECKED BY KH		A	FOR APPROVAL	7/18/16	
						APPROVED BY		B	REV GUY ANCHOR	8/3/16	
								C	FOR CONSTRUCTION	8/24/16	

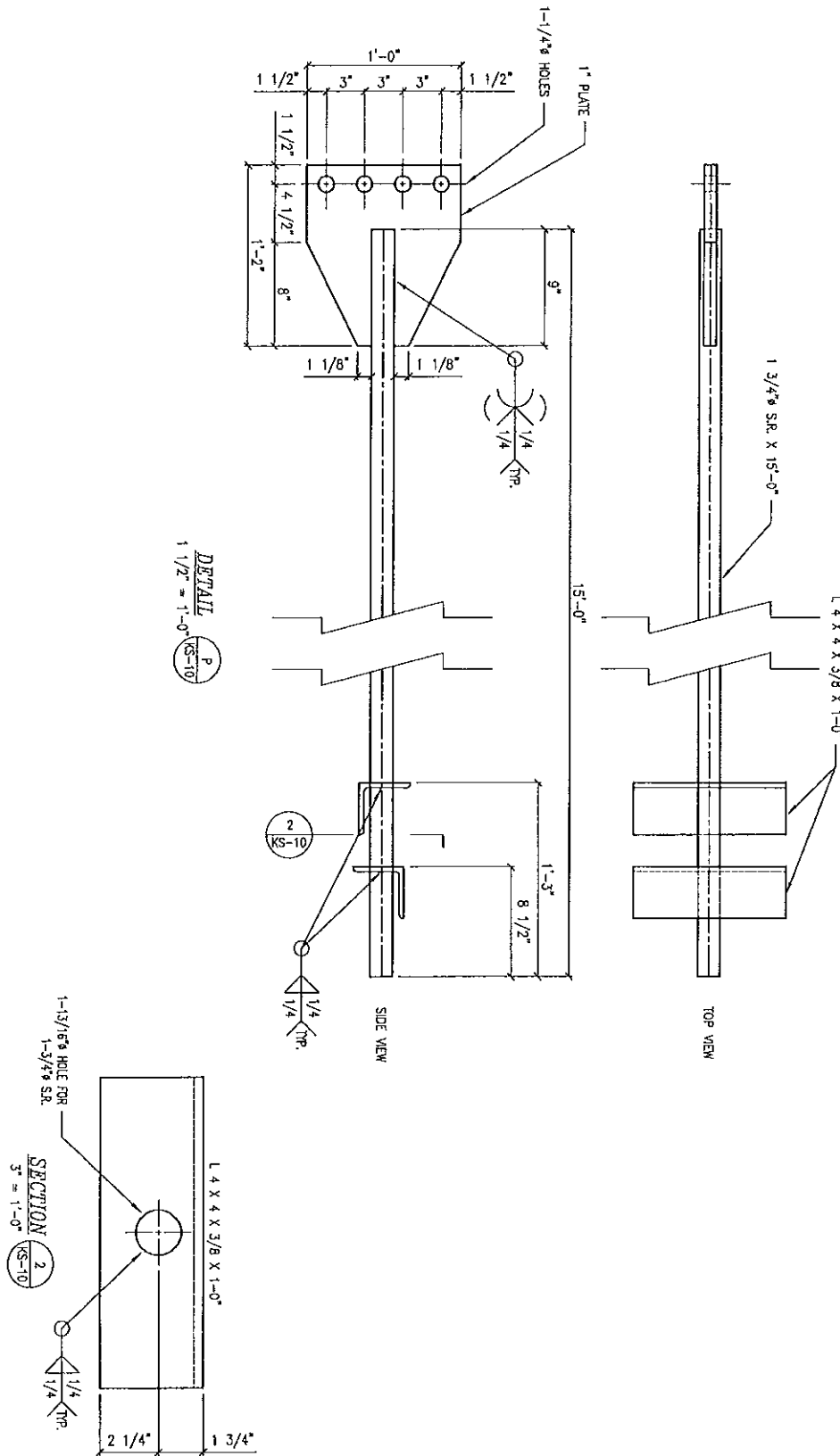
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC., 2016




DRAWING TITLE			JOB TITLE			Pate Engineering Inc.		DESIGNED BY	MH	DRAWING RECORD					
PLAN			MODIFICATION TO EXISTING			13540 N. FLORIDA AVE. SUITE 203		DRAWN BY	MH	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
			480'± GUYED TOWER			TAMPA, FLORIDA 33613		CHECKED BY	MH	A	FOR APPROVAL	7/16/16			
			KEYSTONE SITE			813-960-0002				B	REV GUY ANCHOR	8/3/16			
			FOR			FL CERTIFICATE OF AUTHORIZATION #4524		APPROVED BY		C	FOR CONSTRUCTION	9/21/16			
JOB NUMBER			DRAWING NO.												
18-1418			KS-8 OF 13												
REV.			0												

JOB NUMBER: 16-1418
 DRAWING NO.: KS-8 OF 13
 REV: 0

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2015



DRAWING TITLE			JOB TITLE			DESIGNED BY		DRAWING RECORD					
DETAILS			MODIFICATION TO EXISTING 480± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS			MH		REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
JOB NUMBER 16-141B	DRAWING NO. KS-10 OF 13	REV. 0				DRAWN BY	MH	A	FOR APPROVAL	7/18/16			
						CHECKED BY	MH	B	REV GUY ANCHOR	8/3/16			
						APPROVED BY		D	FOR CONSTRUCTION	8/24/16			
					13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524								

GUY ANCHOR DRILLED PIER DESIGN CRITERIA

LATERAL = 31.9 KIPS
UP/LIFT = 23.9 KIPS

FOUNDATION NOTES

MATERIALS

CONCRETE $f'_c = 3,000$ PSI @ 28 DAYS
REINFORCING STEEL ASTM A-615 GRADE 60

NOTES:

- 1.1 CONCRETE SHALL BE DESIGNED, DETAILED, PRODUCED AND PLACED AS PROVIDED FOR IN ACI STANDARD 318, LATEST EDITION, "BUILDING CODE REQUIREMENT FOR STRUCTURAL CONCRETE" AND ACI STANDARD 301, LATEST EDITION, "SPECIFICATIONS FOR STRUCTURAL CONCRETE."
- 1.2 REINFORCING STEEL SHALL BE HANDLED, CUT AND PLACED AS PROVIDED FOR IN "THE MANUAL OF STANDARD PRACTICE", CRSI.
- 1.3 PANT ANCHORS RODS IN CONTACT WITH SOIL TO 6" ABOVE GRADE WITH TWO (2) COATS OF BITUMINOUS PAINT PRIOR TO BACKFILLING.
- 1.4 GROUNDING, CONDUITS, LINES, ETC. SHALL BE RELOCATED AS NECESSARY TO CLEAR THE NEW STRUCTURE. GROUNDING SHALL BE MAINTAINED AT ALL TIMES. PROVIDE PROTECTIVE GROUNDING IN ACCORDANCE WITH TIA-222-G, OR OWNERS SPECIFICATIONS.
- 1.5 WHERE FIELD WORK IS CARRIED OUT NEAR THE TOWER AND OTHER STRUCTURES, EXTREME CARE SHALL BE EXERCISED TO PREVENT DAMAGE.
- 1.6 EXTREME CARE SHALL BE EXERCISED WHEN EXCAVATING FOR NEW ANCHORS, TO PREVENT DAMAGE TO EXISTING GUY WIRES OVERHEAD.
- 1.7 IF NECESSARY TO MOVE FENCES OR OTHER ITEMS, OR DISTURB THE GROUNDS, THEY SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
- 1.8 THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING. ANY PROBLEMS WITH ACCESS, INTERFERENCE, PROPERTY LINES, ETC. SHALL BE RESOLVED PRIOR TO MOVING ONTO THE JOB SITE. UNDERGROUND UTILITIES SHALL BE LOCATED PRIOR TO BEGINNING WORK. NO EXTRA WILL BE CONSIDERED FOR THESE CONDITIONS.
- 1.9 THE CONTRACTOR MUST COORDINATE THE WORK AND COOPERATE WITH THE TOWER OWNER PRIOR TO MOVING INTO THE SITE.
- 1.10 ALL CONSTRUCTION PROCEDURES SHALL MEET THE REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS TO PROTECT PERSONNEL.
- 1.11 COMPACT BACKFILL IN 6" LIFTS WITH POWERED HAND TAMPER.
- 1.12 THE CONTRACTOR SHALL OBTAIN CONCRETE TEST CYLINDERS FROM EACH ANCHOR FOUNDATION, FURNISH COPIES OF THE TEST RESULTS TO THE ENGINEER FOR THE SEVEN (7) DAY BREAK AND TWENTY-EIGHT (28) DAY BREAK.
- 1.13 THE CONTRACTOR MUST ANTICIPATE THE PRESENCE OF LOOSE SOIL MATERIALS AND GROUNDWATER.
- 1.14 THE ANCHOR FOUNDATIONS HAVE BEEN DESIGNED ACCORDING TO THE GEOTECHNICAL EXPLORATION BY AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC., PROJECT NO. 6166-16-0181, DATED 7/29/2016. A COPY OF THE REPORT CAN BE OBTAINED FROM THE CLIENT.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015

DRAWING TITLE FOUNDATION NOTES		JOB TITLE MODIFICATION TO EXISTING 480' T. GUYED TOWER KEYSTONE SITE BY MOTOROLA SOLUTIONS		DESIGNED BY DRAWN BY CHECKED BY APPROVED BY		DRAWING RECORD <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>FOR APPROVAL</td> <td>7/16/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>REV GUY ANCHOR</td> <td>8/3/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C</td> <td>FOR CONSTRUCTION</td> <td>8/24/16</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	A	FOR APPROVAL	7/16/16				B	REV GUY ANCHOR	8/3/16				C	FOR CONSTRUCTION	8/24/16			
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE																												
A	FOR APPROVAL	7/16/16																															
B	REV GUY ANCHOR	8/3/16																															
C	FOR CONSTRUCTION	8/24/16																															
JOB NUMBER 16-141B		DRAWING NO. KS-11 OF 13		REV. 0		Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524																											

DESIGN CRITERIA

THIS TOWER HAS BEEN ANALYZED AND THESE DRAWINGS REPRESENT MODIFICATIONS REQUIRED TO SUPPORT THE FOLLOWING ANTENNAS AND LINES IN ACCORDANCE WITH ANSI/TIA-222-G-2 FOR THE FOLLOWING CRITERIA:

V_W = 103.8 MPH (3-SEC GUST NOMINAL WIND SPEED)
 EXPOSURE C
 CLASS II (1=1.0)
 TOPOGRAPHIC CATEGORY 1

THE ABOVE CRITERIA MEETS OR EXCEEDS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 5TH EDITION (2014) FOR THE FOLLOWING CRITERIA:

V_W = 134 MPH (RISK CATEGORY III/IV) (3-SECOND GUST ULTIMATE WIND SPEED)
 EXPOSURE C

ELEV. (FT.) NOTES

EXISTING ANTENNAS	TRANSMISSION LINES
476± A WHIP ANTENNA WITH REFLECTOR	TO AMPUTER 7/8" & 1/2"
476± A WHIP ANTENNA WITH REFLECTOR	1-5/8"
456± A WHIP ANTENNA WITH REFLECTOR	1-5/8"
456± A WHIP ANTENNA WITH REFLECTOR	1-5/8"
455± A WHIP ANTENNA WITH REFLECTOR	1-5/8"
431± A 8' PANEL ANTENNA ON PIPE MOUNT	7/8"
392± A 8' DISH WITH RADOME & MOUNT	EW63
366± A 8' DISH WITH RADOME & MOUNT	EW63
340± A 8' DISH WITH RADOME & MOUNT	EW63
335± A 8' DISH WITH RADOME & MOUNT	EW63
308± A 8' DISH WITH RADOME & MOUNT	EW63
282± A 8' DISH WITH RADOME & MOUNT	EW63
212± A 8' DISH WITH RADOME & MOUNT	EW63
199± A 8' DISH WITH RADOME & MOUNT	EW63
171± A 8' DISH WITH RADOME & MOUNT	EW63

460± A BLR125-A AMPUTER	TO AMPUTER 7/8" & 1/2"
458± A BLR125-A AMPUTER	TO AMPUTER 7/8" & 1/2"
435± A BLR125-A AMPUTER	TO AMPUTER 7/8" & 1/2"
380± A BLR125-A AMPUTER	TO AMPUTER 7/8" & 1/2"
350± A BLR125-A AMPUTER	TO AMPUTER 7/8" & 1/2"
225± A BLR125-A AMPUTER	TO AMPUTER 7/8" & 1/2"
187± A BLR125-A AMPUTER	TO AMPUTER 7/8" & 1/2"

NOTES:

- THESE ANTENNAS, MOUNTS, AND TRANSMISSION LINES ARE TO BE REMOVED FROM THE TOWER AND WERE NOT INCLUDED IN THIS DESIGN.
- THIS ANTENNA WAS ASSUMED TO BE MOUNTED ON A 6" SIDE ARM CONSISTING OF (2) 4" ANGLE MEMBERS X 10' LONG AND A 3" PIPE X 5' LONG AT THE END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE SOUTHEAST TOWER FACE AND EXTEND 6' TOWARDS THE SOUTHWEST.
- THESE (2) PANEL ANTENNAS WERE ASSUMED TO BE MOUNTED WITH (2) 4" ANGLE MEMBERS X 12' LONG WITH A 2-1/2" PIPE X 21' LONG ON EACH END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE SOUTHWEST TOWER FACE (CENTERED ON THE FACE) WITH A PIPE ON EACH END.
- THE DISH ANTENNAS WERE ASSUMED TO BE MOUNTED ON 4" PIPES X 6' LONG ATTACHED TO THE TOWER WITH (2) 5" ANGLE MEMBERS X 5' LONG. THE DISHES WERE ASSUMED TO HAVE ONE TIE-BACK MEMBER (EXCEPT THE 8' DISH WAS ASSUMED TO HAVE (2) TIE-BACK MEMBERS).

GENERAL NOTES

MATERIALS:

STRUCTURAL STEEL, PIPE AND PLATES ASTM A36 F_y = 36.0 KSI
 EHS GUY WIRE ASTM A475 (EXTRA HIGH STRENGTH) CLASS A GALVANIZED U-BOLTS ASTM A36 F_y = 36.0 KSI OR STAINLESS STEEL TYPE 304
 WELD ELECTRODES E70 SERIES

- BOLTS**
 - ALL BOLTS 1/2" DIA. AND LARGER, SHALL BE A325X. THREADS EXCLUDED FROM SHEAR PLANE AND FURNISHED WITH A HEAVY HEX NUT, HEAVY ROUND WASHER, AND HEAVY "PALUT", ALL HOT-DIPPED GALVANIZED.
 - GUY WIRE HARDWARE, I.E. TURNBUCKLES, THIMBLES, ETC. SHALL BE CROSBY HOT-DIPPED GALVANIZED FORGED STEEL, UNLESS OTHERWISE NOTED OR APPROVED EQUAL.
 - U-BOLTS SHALL BE FURNISHED WITH HEAVY WASHERS, HEAVY HEX NUTS AND "PALUTS", ALL HOT-DIPPED GALVANIZED OR STAINLESS STEEL. NUTS SHALL BE FURNISHED RUN UP ON U-BOLT.
- FABRICATION**
 - ALL STEEL FABRICATION SHALL BE DONE IN ACCORDANCE WITH AWS "STEEL CONSTRUCTION MANUAL", LATEST EDITION. HOLES SHALL BE 1/16" LARGER THAN BOLT DIAMETER SPECIFIED UNLESS OTHERWISE NOTED.
 - DUE TO THE ABSENCE OF ORIGINAL FABRICATION DRAWINGS AND DIMENSIONS ON THIS TOWER, THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS GIVEN ON THESE DRAWINGS.
 - SLOTTED HOLES MAY NOT BE USED UNLESS SPECIFICALLY SHOWN ON THESE DRAWINGS.
 - ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS STRUCTURAL WELDING CODE D1.1, LATEST EDITION. WELDER SHALL HOLD CURRENT CERTIFICATES FOR THE PROCESS AND POSITION BEING USED.
 - WELDING ROD MATERIAL SHALL BE COMPATIBLE IN CHEMISTRY AND STRENGTH TO HIGHEST GRADE BASE METAL.
 - ALL WELDED CONNECTIONS SHALL BE "SEAL" WELDED TO PREVENT WEEPING OF RUST FROM CONNECTIONS.
 - ALL STEEL MATERIAL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123. AFTER GALVANIZING, ALL THREADED AND OTHER ITEMS SHALL BE PROPERLY CLEANED. ALL BOLTS, ETC. SHALL BE REMOVED FROM ALL GALVANIZED MATERIAL PRIOR TO SHIPMENT. DRAIN HOLES SHALL BE PROVIDED FOR CLOSED SECTIONS.
 - THESE DRAWINGS ARE NOT FABRICATION (SHOP) DRAWINGS. THE USE OF ANY DIMENSIONS ON THESE DRAWINGS FOR FABRICATION PURPOSES, IS DONE AT THE SOLE RISK OF THE CONTRACTOR.
 - ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.
 - ERECTION**
 - PRIOR TO BIDDING ON THIS PROJECT, THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE IF ANY CLEARANCE PROBLEMS EXIST BETWEEN THE EXISTING AND NEW HARDWARE. ANY RELOCATION OF EXISTING HARDWARE (ANTENNAS, MOUNTS, WAVEGUIDE LADDERS, ETC.) REQUIRED TO INSTALL THE NEW HARDWARE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO EXTRAS WILL BE CONSIDERED FOR THIS CONDITION.
 - FIELD DRILLED HOLES AND CUTS AND DAMAGED GALVANIZED SURFACES SHALL BE GIVEN ONE (1) BRUSH COAT OF Z.R.C. LIQUID (800-831-3275) TO A 5 MIL WET FILM THICKNESS. PREPARE SURFACES AND APPLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. A TOP COAT OF HIGH UV RESISTANCE ACRYLIC PAINT SHALL BE APPLIED OVER THE ZNC.
 - FIELD CUTS AND HOLES SHALL BE MADE WITH POWER TOOLS SUCH AS POWER HACKSAWS, DRILLS OR PUNCHES. CUTS AND HOLES MAY NOT BE BURIED.
 - NO TOWER MODIFICATIONS SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 - WHERE EXISTING COAX, WAVEGUIDE, ANTENNAS, ETC. INTERFERE WITH THIS MODIFICATION WORK, THEY SHALL BE RELOCATED AND PROPERLY SECURED. WHERE NECESSARY, THEY SHALL BE TEMPORARILY RELOCATED AND PROPERLY SECURED. AFTER THE WORK IS COMPLETE THEY SHALL BE INSTALLED IN THEIR FINAL LOCATION AND PROPERLY SECURED. RE-ATTACH THE CLIMB LADDER SUPPORTS TO NEW REPLACEMENT DIAGONALS USING THE EXISTING HARDWARE.
 - INSTALL NEW TRANSMISSION LINES AS SHOWN ON "TRANSMISSION LINE LAYOUT PLAN" (SHEET KS-4).

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016


DRAWING TITLE NOTES		JOB TITLE MODIFICATION TO EXISTING 480± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		DESIGNED BY WH		DRAWING RECORD	
REV. 0		Pate Engineering Inc. 13540 N. FLORIDA AVE., SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DRAWN BY WH		REV. 1	
18-141B		KS-12 OF 13		CHECKED BY WH		DATE 7/18/16	
				APPROVED BY		DATE 8/3/16	
						DATE 8/24/16	

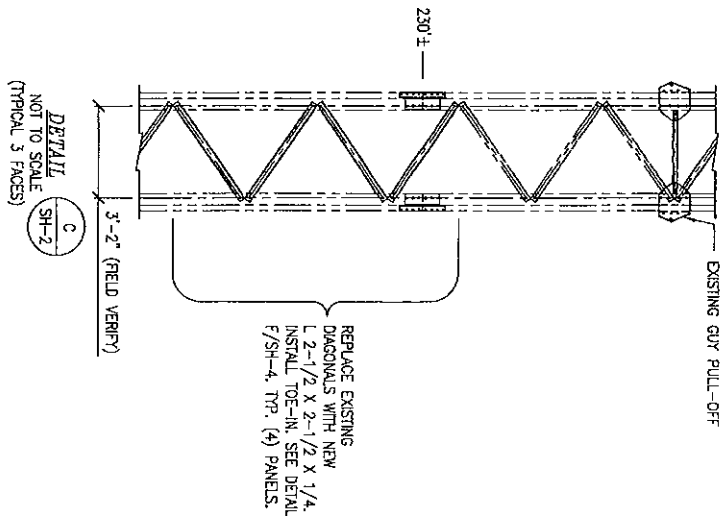
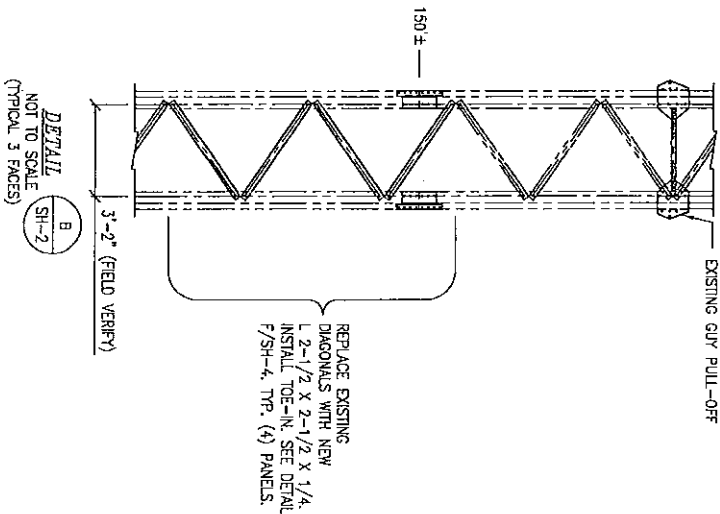
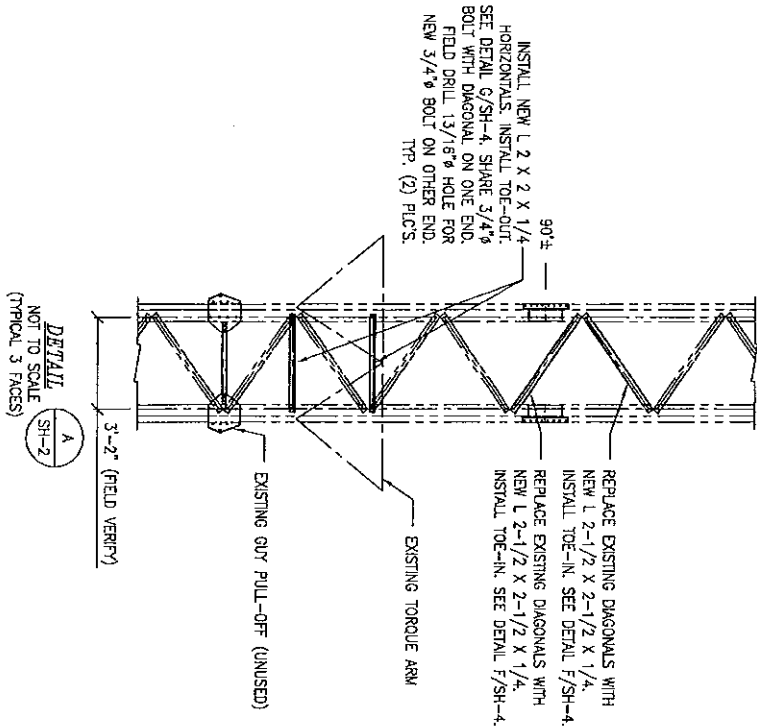
3. ERECTION (CONTINUED)
- 3.7 INSTALL NEW ANTENNA MOUNTS AS DESCRIBED IN THE NOTES SECTION UNDER THE DESIGN ANTENNA LIST.
- 3.8 IF THE TRANSMISSION LINES ARE NOT LOCATED AS SHOWN ON THESE DRAWINGS OR IF ANTENNA MOUNTS SUBSTANTIALLY LARGER THAN DESCRIBED ARE INSTALLED, OVER STRESS OF THE TOWER MAY OCCUR. A RE-ANALYSIS OF THE TOWER MAY BE NECESSARY TO DETERMINE THE STRESS STATE OF THE TOWER.
- 3.9 THE RELOCATION OF GUY WIRES SHALL BE ONE CONTINUOUS OPERATION. RELOCATE ONE GUY WIRE AT A TIME. PROVIDE TEMPORARY GUYING AS REQUIRED. NO GUY WIRE REMOVAL SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 3.10 RELOCATED GUY WIRES SHALL BE GROUNDED PER OWNERS REQUIREMENTS.
- 3.10 WHERE FIELD WORK IS CARRIED OUT NEAR EXISTING COAX AND ANTENNAS, EXTREME CARE SHALL BE EXERCISED AND PROTECTION PROVIDED AS REQUIRED TO PREVENT DAMAGE TO TRANSMISSION EQUIPMENT OR INTERRUPTION OF TRANSMISSION SERVICE.
- 3.11 NEW BOLTS SHALL BE TIGHTENED AND TENSIONED BY THE "TURN OF THE NUT" METHOD, PER ASC MANUAL OF STEEL CONSTRUCTION, I.E. 1/3 TURN BEYOND "SNUG" TIGHT.
- 3.12 U-BOLTS SHALL BE "SNUG" TIGHT. DO NOT BEND PLATES.
- 3.13 AFTER TOWER MODIFICATIONS HAVE BEEN COMPLETED, RETENSION ALL GUTS TO THE INITIAL TENSION (I.T.) SHOWN AND REPLUMB THE TOWER.
- 3.14 ALL CONSTRUCTION PROCEDURES SHALL COMPLY WITH THE SAFETY REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS.
- 3.15 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE NOTES		JOB TITLE MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-980-0002 FL CERTIFICATE OF AUTHORIZATION #4324		DESIGNED BY: WH DRAWN BY: WH CHECKED BY: WH APPROVED BY:		DRAWING RECORD <table border="1"> <thead> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>FOR APPROVAL</td> <td>7/18/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>REV GUY ANCHOR</td> <td>8/3/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C</td> <td>FOR CONSTRUCTION</td> <td>8/24/16</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	A	FOR APPROVAL	7/18/16				B	REV GUY ANCHOR	8/3/16				C	FOR CONSTRUCTION	8/24/16			
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE																														
A	FOR APPROVAL	7/18/16																																	
B	REV GUY ANCHOR	8/3/16																																	
C	FOR CONSTRUCTION	8/24/16																																	
JOB NUMBER 18-1418	DRAWING NO. KS-13	OF 13	REV. 0																																

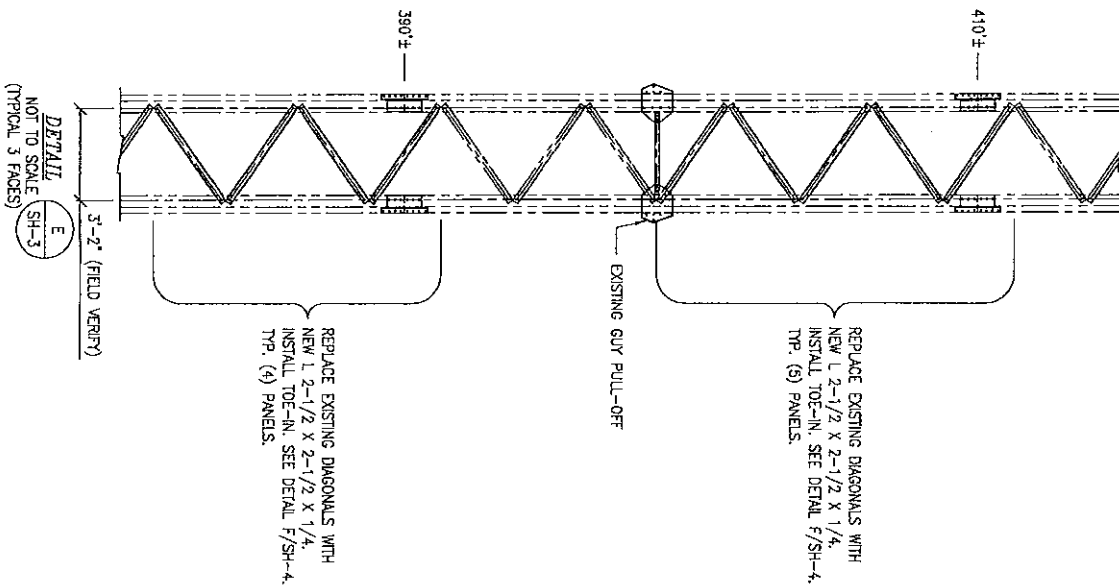
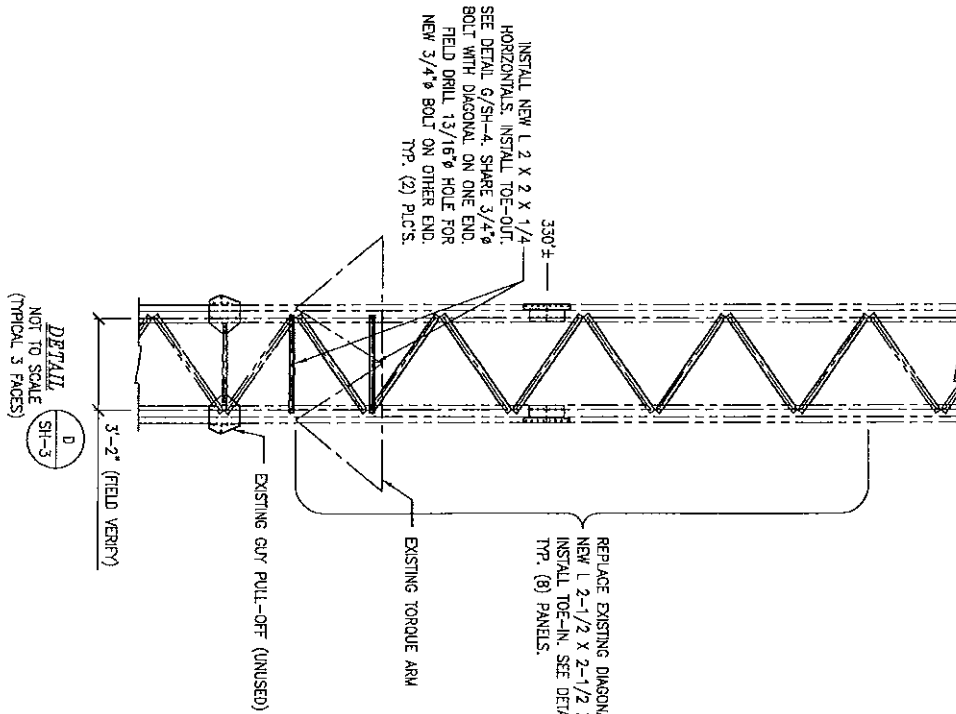
Addendum No. 2
[Sleepy Hollow Tower Plans]

DRAWING TITLE		JOB TITLE			Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4324	DESIGNED BY: MS							
GENERAL ARRANGEMENT		MODIFICATION TO EXISTING 480' ± GUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS				DRAWING RECORD							
JOB NUMBER 16-141A		DRAWING NO. SH-1 OF 10				REVIEW		REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
								A	FOR APPROVAL	7/21/16			
								B	REV FOUNDATION	8/4/16			
						C	FOR CONSTRUCTION	8/24/16					



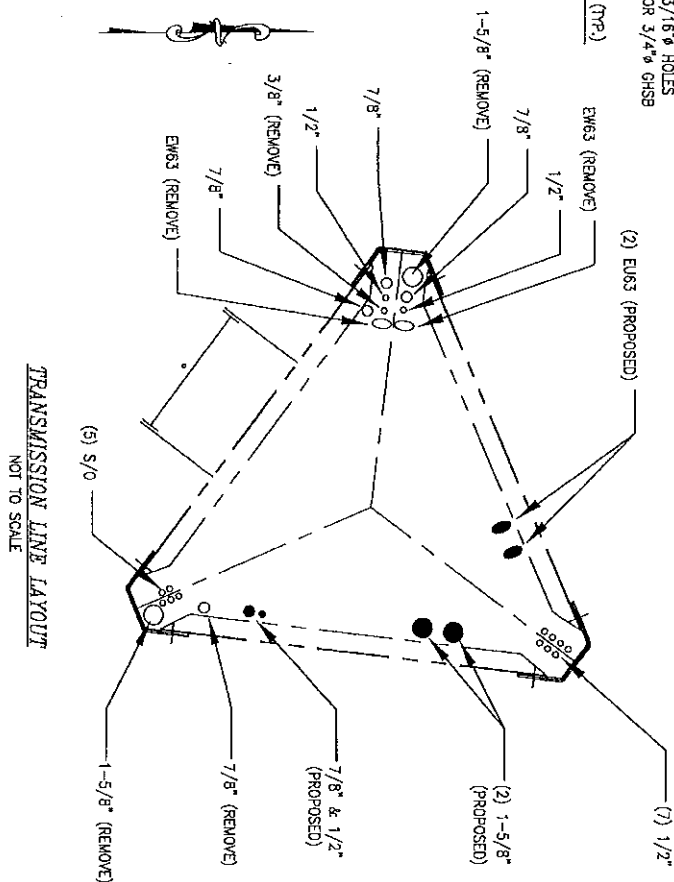
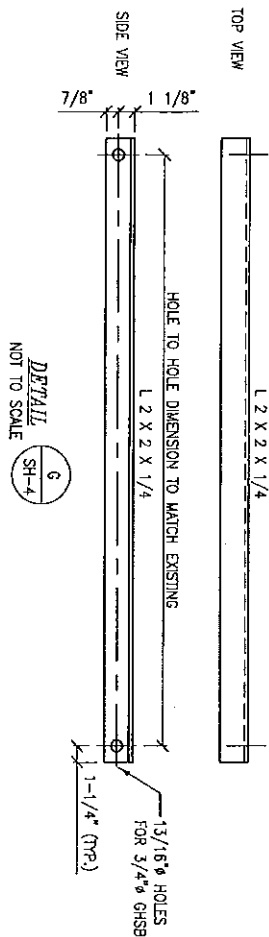
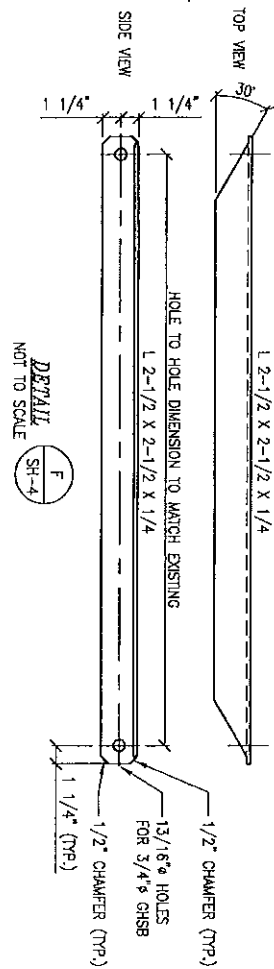
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE			JOB TITLE			Pate Engineering Inc.			DESIGNED BY				DRAWING RECORD			
DETAILS			MODIFICATION TO EXISTING 480± GUYED TOWER SLEEPY HOLLOW SITE			13540 N. FLORIDA AVE, SUITE 203 TAMPA, FLORIDA 33613 813-980-0002 FL CERTIFICATE OF AUTHORIZATION #4524			SH				REV.			
JOB NUMBER 16-141A			DRAWING NO. SH-2 OF 10			REV. 0			DRAWN BY				DATE			
									SH				7/21/16			
									CHECKED BY				REV. FOUNDATION			
									SH				8/4/16			
									APPROVED BY				FOR CONSTRUCTION			
									SH				8/24/16			




ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015

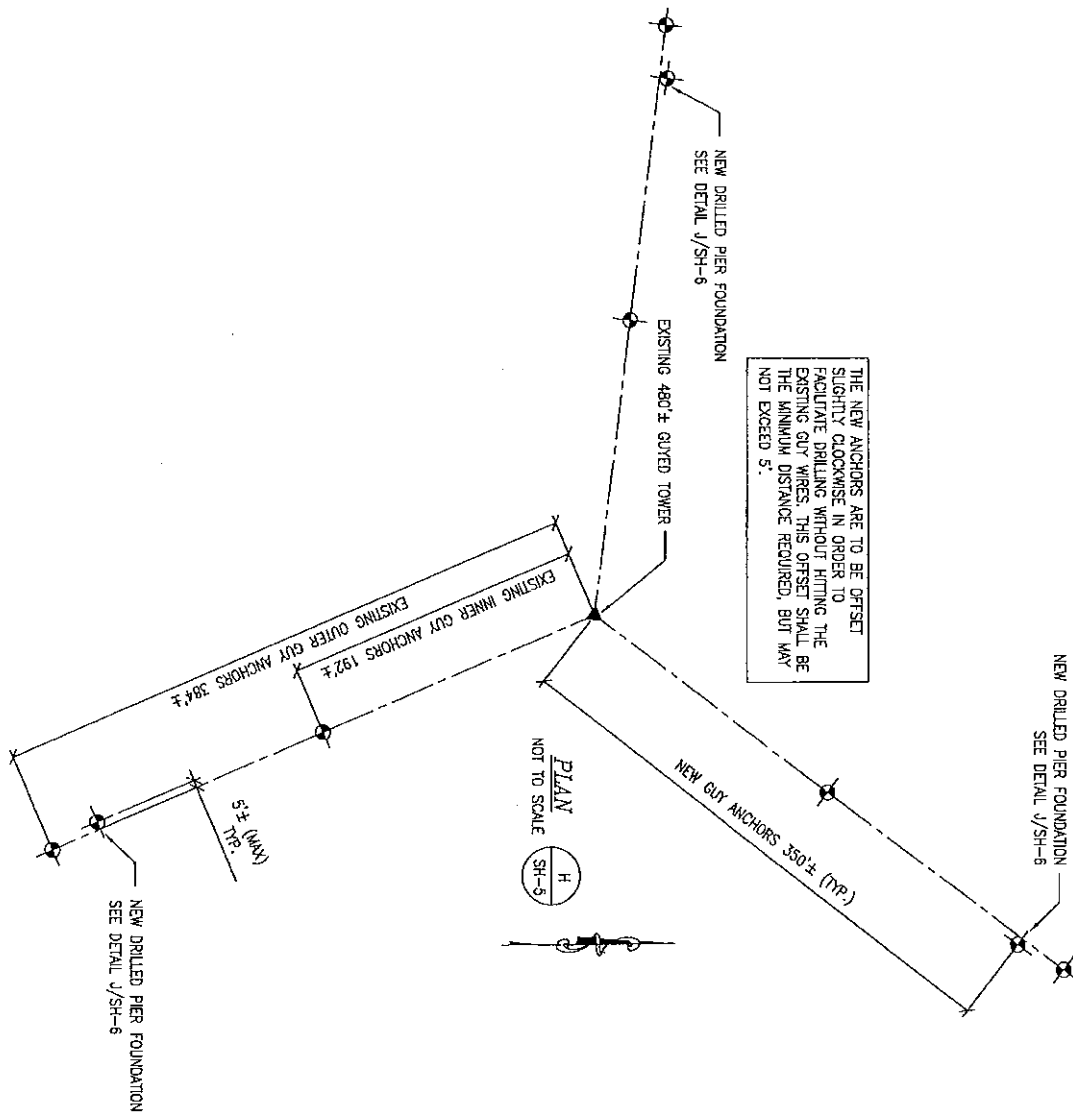
DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		DESIGNED BY		DRAWING RECORD			
DETAILS		MODIFICATION TO EXISTING 480' ± CUYED TOWER SLEEPY HOLLOW SITE		13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		LOH		REV.	DESCRIPTION	DATE	REV.
JOB NUMBER 15-141A		DRAWING NO. SH-3 OF 10		REV. 0		LOH		A	FOR APPROVAL	7/21/16	
						LOH		B	REV FOUNDATION	8/4/16	
								C	FOR CONSTRUCTION	8/24/16	



ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015

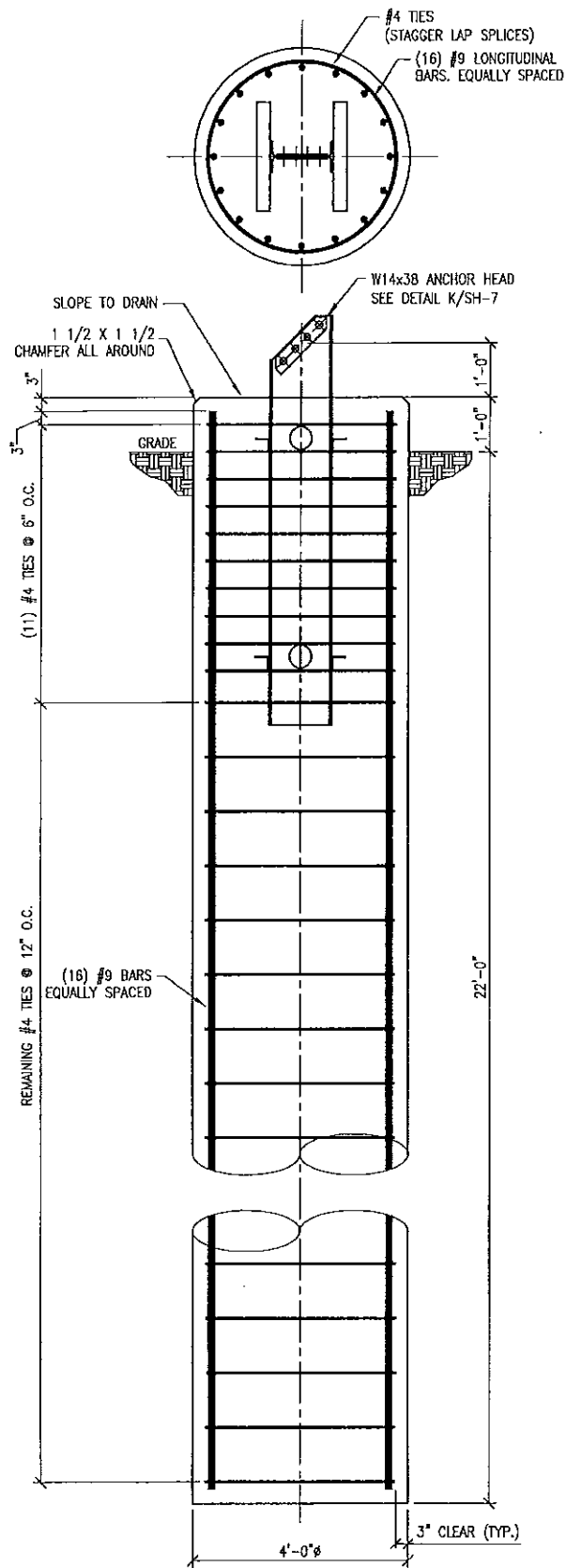
DRAWING TITLE DETAILS			JOB TITLE MODIFICATION TO EXISTING 480'± GUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS			 Pate Engineering Inc. 13540 N. FLORIDA AVE, SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL. CERTIFICATE OF AUTHORIZATION #4524			DESIGNED BY SH			DRAWING RECORD																	
JOB NUMBER 16-141A			DRAWING NO. SH-4 OF 10			REV. 0			DRAWN BY WH			REV. A			DESCRIPTION FOR APPROVAL			DATE 7/21/16			REV. B			DESCRIPTION REV FOR FOUNDATION			DATE 8/5/16		
									CHECKED BY WH			REV. D			DESCRIPTION FOR CONSTRUCTION			DATE 8/24/16											
									APPROVED BY																				

ALL DIMENSIONS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016



DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		DESIGNED BY		DRAWING RECORD			
PLAN		MODIFICATION TO EXISTING 480'± GUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS		13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-980-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DRAWN BY		REV.	DESCRIPTION	DATE	REV.
JOB NUMBER		DRAWING NO.		REV.		CHECKED BY		A	FOR APPROVAL	7/21/16	
16-141A		SH-5 OF 10		0		APPROVED BY		B	REV FOUNDATION	8/4/16	
								0	FOR CONSTRUCTION	8/24/16	

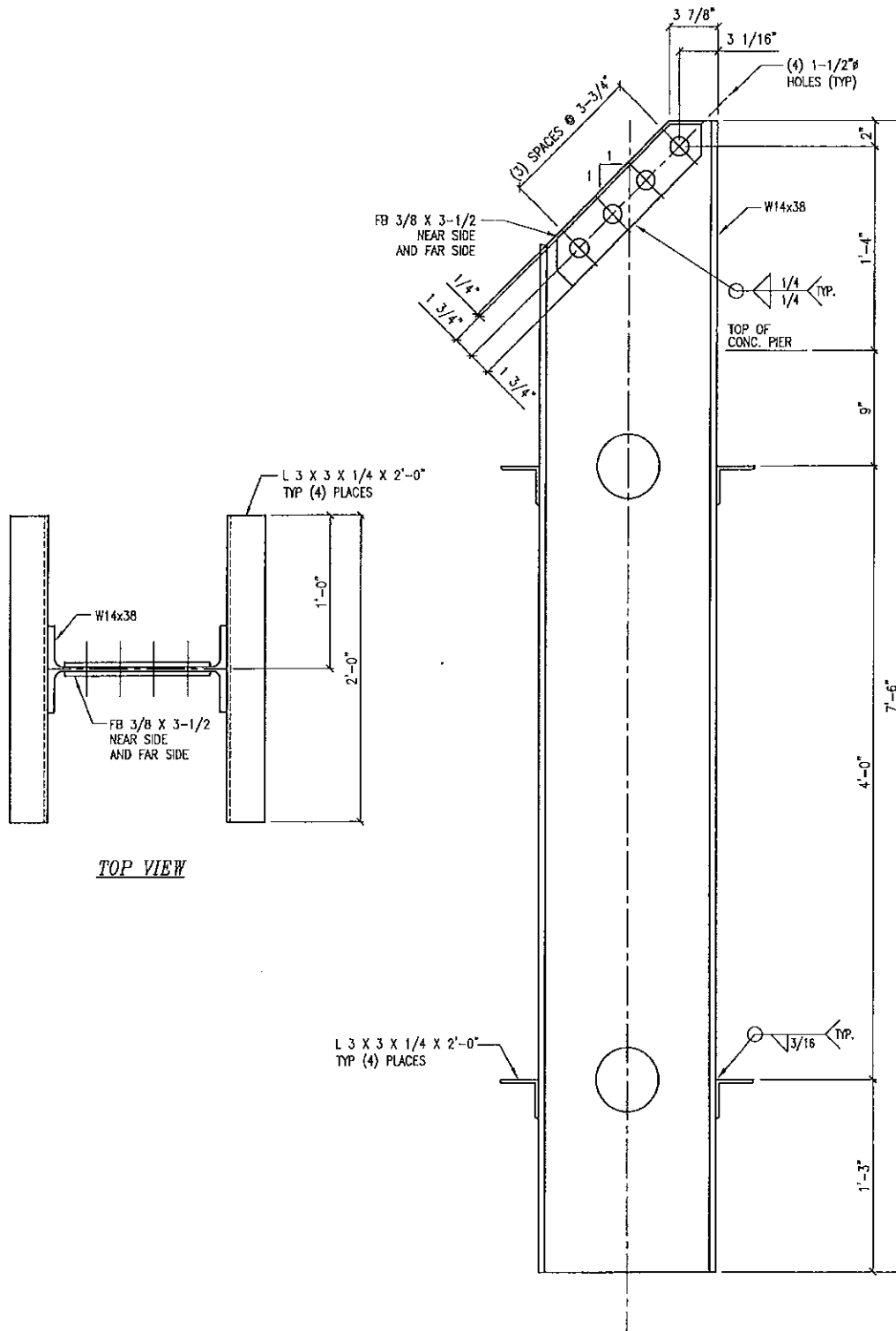
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015



DETAIL
1/2" = 1'-0"

DRAWING TITLE				JOB TITLE				Pate Engineering Inc.				DESIGNED BY				DRAWING RECORD											
FOUNDATION DETAIL				MODIFICATION TO EXISTING 480± GUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS				 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524				KH				REV.		DESCRIPTION		DATE		REV.		DESCRIPTION		DATE	
JOB NUMBER		DRAWING NO.		REV.								KH		A		FOR APPROVAL		7/21/16									
16-141A		SH-6 OF 10		0								KH		B		REV FOUNDATION		8/4/16									
														C		FOR CONSTRUCTION		8/24/16									

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016



DETAIL K
1 1/2" = 1'-0" SH-7

DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		DESIGNED BY		DRAWING RECORD			
DETAILS		MODIFICATION TO EXISTING		13540 N. FLORIDA AVE. SUITE 203		SH		REV.	DESCRIPTION	DATE	REV.
JOB NUMBER		480'± GUYED TOWER		TAMPA, FLORIDA 33613		SH		A	FOR APPROVAL	7/21/16	
16-141A		SLEEPY HOLLOW SITE		813-980-0002		SH		B	REV FOUNDATION	8/4/16	
DRAWING NO.		FOR		FL CERTIFICATE OF AUTHORIZATION #4524		SH		C	FOR CONSTRUCTION	8/24/16	
SH-7 OF 10		MOTOROLA SOLUTIONS									

GUY ANCHOR DRILLED PIER DESIGN CRITERIA

LATERAL = 53.7 KIPS
UP/LIFT = 42.2 KIPS

FOUNDATION NOTES

MATERIALS

CONCRETE $f'_c = 3,000$ PSI @ 28 DAYS
REINFORCING STEEL ASTM A-615 GRADE 60

NOTES:

- 1.1 CONCRETE SHALL BE DESIGNED, DETAILED, PRODUCED AND PLACED AS PROVIDED FOR IN ACI STANDARD 318, "BUILDING CODE REQUIREMENT FOR STRUCTURAL CONCRETE" AND ACI STANDARD 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE."
- 1.2 REINFORCING STEEL SHALL BE HANDLED, CUT AND PLACED AS PROVIDED FOR IN "THE MANUAL OF STANDARD PRACTICE", CRSI.
- 1.3 DRILLED PIERS SHALL CONFORM TO REQUIREMENTS OF ACI 336.1 AND FHWA-NH-10-016, "DRILLED SHAFTS: CONSTRUCTION PROCEDURES AND LRFD DESIGN METHODS".
- 1.4 GROUNDING, CONDUITS, LINES, ETC. SHALL BE RELOCATED AS NECESSARY TO CLEAR THE NEW STRUCTURE. GROUNDING SHALL BE MAINTAINED AT ALL TIMES. PROVIDE PROTECTIVE GROUNDING IN ACCORDANCE WITH ANSI/71A-222-G-2.
- 1.5 THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING. ANY PROBLEMS WITH ACCESS, INTERFERENCE, PROPERTY LINES, ETC. SHALL BE RESOLVED PRIOR TO MOVING ONTO THE JOB SITE. UNDERGROUND UTILITIES SHALL BE LOCATED PRIOR TO BEGINNING WORK. NO EXTRA WILL BE CONSIDERED FOR THESE CONDITIONS.
- 1.6 THE CONTRACTOR MUST COORDINATE THE WORK AND COOPERATE WITH THE TOWER OWNER PRIOR TO MOVING INTO THE SITE.
- 1.7 DRILLING OPERATIONS SHALL BE PLANNED TO ENCOUNTER LOOSE MATERIAL. SPECIAL PRECAUTIONS MUST BE TAKEN TO PREVENT CAVING OF WALLS OR HOLE.
- 1.8 DRILLING AND POURING OPERATIONS SHALL BE PROGRAMMED TOGETHER TO BE A SINGLE AND CONTINUOUS PROCEDURE. IN CASE MECHANICAL FAILURE OCCURS DURING DRILLING, THE PART ALREADY DRILLED SHALL BE CLEANED AND THE CONTINUOUS PROCEDURE SHALL BE RESTARTED. THE DEPTH OF THE HOLE SHALL BE MEASURED IMMEDIATELY AFTER DRILLING IS COMPLETED AND IMMEDIATELY PRIOR TO POURING. THESE TWO MEASUREMENTS MUST BE THE SAME WITHIN A FEW INCHES.
- 1.9 THE CONTRACTOR SHALL KEEP A DRILLING AND POURING LOG FOR EACH PIER. THE LOG SHALL INCLUDE, BUT NOT BE LIMITED TO, IDENTIFICATION OF PIER, ELEVATION OF WATER HOLE STABILIZATION USED (SLURRY, CASING, ETC.); VOLUME OF CONCRETE POURED WITH START AND STOP TIMES.
- 1.10 THE CONTRACTOR SHALL OBTAIN FOUR (4) CONCRETE TEST CYLINDERS FROM EACH FOUNDATION CONCRETE POUR IN ACCORDANCE WITH ACI 317.2 (SAMPLING FRESH CONCRETE) AND ASTM C39 (COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS). FURNISH TWO (2) COPIES OF THE TEST RESULTS TO THE ENGINEER FOR THE SEVEN (7) DAY BREAK AND TWENTY-EIGHT (28) DAY BREAK.
- 1.11 TOP OF PIERS MUST BE FORMED, AND POURED A MINIMUM OF SIX INCHES BELOW FINISHED GRADE. PROVIDE MINIMUM OF 3 OR 4 INCHES (AS SHOWN) OF COVER OVER REBAR BY MEANS OF PLASTIC ROLLERS OR SPACERS.

- 1.12 WHERE FIELD WORK IS CARRIED OUT NEAR THE OTHER STRUCTURES, EXTREME CARE SHALL BE EXERCISED TO PREVENT DAMAGE.
- 1.13 ALL CONSTRUCTION PROCEDURES SHALL MEET THE REQUIREMENTS OF OSHA AND OTHER APPLICABLE REGULATIONS TO PROTECT PERSONNEL.
- 1.14 THE ANCHOR FOUNDATIONS HAVE BEEN DESIGNED ACCORDING TO THE GEOTECHNICAL EXPLORATION BY AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC., PROJECT NO. 6186-16-0181, DATED 7/29/2016. A COPY OF THE REPORT CAN BE OBTAINED FROM THE CLIENT.
- 1.15 FINAL DRAINAGE SHALL BE PROVIDED TO MINIMIZE INFILTRATION OF SURFACE WATER AROUND THE PIERS.
- 1.16 ANY DAMAGE TO IRRIGATION SYSTEMS, UTILITIES, ETC. SHALL BE REPAIRED TO THE SAME CONDITION AS EXISTS PRIOR TO DRILLING.

FOUNDATION NOTES 16-141A SH-8 OF 10		MODIFICATION TO EXISTING 480'± GUYED TOWER SLEEPY HOLLOW SITE MOTOROLA SOLUTIONS		Pate Engineering Inc. 13540 N. FLORIDA AVE, SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="4">REVISION RECORD</th> </tr> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td>1</td> <td>FOR APPROVAL</td> <td>7/21/16</td> <td></td> </tr> <tr> <td>2</td> <td>REV FOUNDATION</td> <td>8/4/16</td> <td></td> </tr> <tr> <td>3</td> <td>FOR CONSTRUCTION</td> <td>8/24/16</td> <td></td> </tr> </table>				REVISION RECORD				REV.	DESCRIPTION	DATE	BY	1	FOR APPROVAL	7/21/16		2	REV FOUNDATION	8/4/16		3	FOR CONSTRUCTION	8/24/16	
REVISION RECORD																													
REV.	DESCRIPTION	DATE	BY																										
1	FOR APPROVAL	7/21/16																											
2	REV FOUNDATION	8/4/16																											
3	FOR CONSTRUCTION	8/24/16																											

DESIGN CRITERIA

THIS TOWER HAS BEEN ANALYZED AND THESE DRAWINGS REPRESENT MODIFICATIONS REQUIRED TO SUPPORT THE FOLLOWING ANTENNAS AND LINES IN ACCORDANCE WITH ANSI/TIA-222-G-2 FOR THE FOLLOWING CRITERIA:

$V_w = 103.8$ MPH (3-SEC GUST NOMINAL WIND SPEED)
 EXPOSURE C
 CLASS II (I=1.0)
 TOPOGRAPHIC CATEGORY 1
 THE ABOVE CRITERIA MEETS OR EXCEEDS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 5th EDITION (2014) FOR THE FOLLOWING CRITERIA:
 $V_w = 134$ MPH (RISK CATEGORY III/IV) (3-SECOND GUST ULTIMATE WIND SPEED)
 EXPOSURE C

ELEV. (FT.)	NOTES	DESCRIPTION	TRANSMISSION LINES
477±	A	EXISTING ANTENNAS	
477±	A	WHIP ANTENNA	TO AMPLIFIER
477±	A	AMPLIFIER	7/8" & 1/2"
466±	A	6" SIDE ARM	---
464±	A	DB228 (SIMILAR) ON 6" SIDE ARM	7/8"
464±	A	WHIP ANTENNA	1-5/8"
457±	A	6" SIDE ARM	---
457±	A	WHIP ANTENNA	1-5/8"
416±	A	BOOM MOUNT	---
416±	A	(3) DB224 (SIMILAR)	(3) 1/2"
415±	A	(2) DB420 (SIMILAR)	(2) 7/8"
366±	A	(3) SECTOR MOUNTS	---
365±	A	(5) DB224 (SIMILAR)	(5) 1/2"
304±	A	(3) SECTOR MOUNTS	---
121±	A	6" DISH WITH RADOME & MOUNT	EW63
69±	A	6" DISH WITH RADOME & MOUNT	EW63
		3" YAGI ON 18" SIDE ARM	1/2"
		PROPOSED ANTENNAS	
460±		DB7E126U-D	TO AMPLIFIER
460±		AMPLIFIER	7/8" & 1/2"
435±	B	6" SIDE ARM	---
410±	C	(2) SC412-HF2LDF & MOUNT	(2) 1-5/8"
115±	D	6" DISH WITH RADOME & MOUNT (AZ=148)	EW63
	D	6" DISH WITH RADOME & MOUNT (AZ=317)	EW63

- NOTES:
- THESE ANTENNAS, MOUNTS, AND TRANSMISSION LINES ARE TO BE REMOVED FROM THE TOWER AND WERE NOT INCLUDED IN THIS DESIGN.
 - THIS ANTENNA WAS ASSUMED TO BE MOUNTED ON A 6" SIDE ARM CONSISTING OF (2) 4" ANGLE MEMBERS X 10' LONG AND A 2" PIPE X 4' LONG AT THE END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE SOUTH TOWER FACE AND EXTEND 6' TOWARDS THE WEST.
 - THESE (2) PANEL ANTENNAS WERE ASSUMED TO BE MOUNTED WITH (2) 4" ANGLE MEMBERS X 12' LONG WITH A 3" PIPE X 5' LONG ON EACH END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE EAST TOWER FACE (CENTERED ON THE FACE) WITH A PIPE ON EACH END.
 - THE DISH ANTENNAS WERE ASSUMED TO BE MOUNTED ON 4" PIPES X 6' LONG ATTACHED TO THE TOWER WITH (2) 5" ANGLE MEMBERS X 5' LONG. THE DISHES WERE ASSUMED TO HAVE ONE TIE-BACK MEMBER.

GENERAL NOTES

MATERIALS:

STRUCTURAL STEEL, PIPE AND PLATES: ASTM A36 $F_y = 36.0$ KSI
 EHS GUY WIRE: ASTM A475 (EXTRA HIGH STRENGTH) CLASS A GALVANIZED
 U-BOLTS: ASTM A36 $F_y = 36.0$ KSI OR STAINLESS STEEL TYPE 304
 WELD ELECTRODES: E70 SERIES

BOLTS:

- ALL BOLTS 1/2" DIA. AND LARGER SHALL BE A325X THREADS EXCLUDED FROM SHEAR PLANE, AND FURNISHED WITH A HEAVY HEX NUT, HEAVY ROUND WASHER, AND HEAVY "PALNUT". ALL HOT-DIPPED GALVANIZED UNLESS OTHERWISE NOTED OR APPROVED EQUAL.
- U-BOLTS SHALL BE FURNISHED WITH HEAVY WASHERS, HEAVY HEX NUTS AND "PALNUTS". ALL HOT-DIPPED GALVANIZED OR STAINLESS STEEL. NUTS SHALL BE FURNISHED "RUN UP" ON U-BOLT.
- FABRICATION
 - ALL STEEL FABRICATION SHALL BE DONE IN ACCORDANCE WITH AWS "STEEL CONSTRUCTION MANUAL", LATEST EDITION.
 - HOLES SHALL BE 1/16" LARGER THAN BOLT DIAMETER SPECIFIED UNLESS OTHERWISE NOTED.
 - DUE TO THE ABSENCE OF ORIGINAL FABRICATION DRAWINGS AND DIMENSIONS ON THIS TOWER, THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS GIVEN ON THESE DRAWINGS.
 - SLOTTED HOLES MAY NOT BE USED UNLESS SPECIFICALLY SHOWN ON THESE DRAWINGS.
 - ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS STRUCTURAL WELDING CODE D1.1, LATEST EDITION. WELDER SHALL HOLD CURRENT CERTIFICATES FOR THE PROCESS AND POSITION BEING USED.
 - WELDING ROD MATERIAL SHALL BE COMPATIBLE IN CHEMISTRY AND STRENGTH TO HIGHEST GRADE BASE METAL.
 - ALL WELDED CONNECTIONS SHALL BE "SEAL" WELDED TO PREVENT WEeping OF RUST FROM CONNECTIONS.
 - ALL STEEL MATERIAL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123. AFTER GALVANIZING, ALL THREADED AND OTHER ITEMS SHALL BE PROPERLY CLEANED. ALL BOLTS, ETC. SHALL BE REMOVED FROM ALL GALVANIZED MATERIAL PRIOR TO SHIPMENT. DRAIN HOLES SHALL BE PROVIDED FOR CLOSED SECTIONS.
 - THESE DRAWINGS ARE NOT FABRICATION (SHOP) DRAWINGS. THE USE OF ANY DIMENSIONS ON THESE DRAWINGS FOR FABRICATION PURPOSES, IS DONE AT THE SOLE RISK OF THE CONTRACTOR.
 - ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.
 - ERECTOR
 - PRIOR TO BIDDING ON THIS PROJECT, THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE IF ANY CLEARANCE PROBLEMS EXIST BETWEEN THE EXISTING AND NEW HARDWARE. ANY RELOCATION OF EXISTING HARDWARE (ANTENNAS, MOUNTS, WAVEGUIDE LADDERS, ETC.) REQUIRED TO INSTALL THE NEW HARDWARE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO EXTRAS WILL BE CONSIDERED FOR THIS CONDITION.
 - FIELD DRILLED HOLES AND CUTS AND DAMAGED GALVANIZED SURFACES SHALL BE GIVEN ONE (1) BRUSH COAT OF ZINC LIQUID (800-831-3275) TO A 5 MIL WET FILM THICKNESS. PREPARE SURFACES AND APPLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. A TOP COAT OF HIGH UV RESISTANCE ACRYLIC PAINT SHALL BE APPLIED OVER THE ZINC.
 - FIELD CUTS AND HOLES SHALL BE MADE WITH POWER TOOLS SUCH AS POWER HACKSAWS, DRILLS OR PUNCHES. CUTS AND HOLES MAY NOT BE BURNED.
 - NO TOWER MODIFICATIONS SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 - WHERE EXISTING COAX, WAVEGUIDE, ANTENNAS, ETC., INTERFERE WITH THIS MODIFICATION WORK, THEY SHALL BE RELOCATED AND PROPERLY SECURED. WHERE NECESSARY, THEY SHALL BE TEMPORARILY RELOCATED AND SECURED. AFTER THE WORK IS COMPLETE THEY SHALL BE INSTALLED IN THEIR FINAL LOCATION AND PROPERLY SECURED. RE-ATTACH THE CLIMB LADDER SUPPORTS TO NEW REPLACEMENT DIAGONALS USING THE EXISTING HARDWARE.
 - INSTALL NEW TRANSMISSION LINES AS SHOWN ON "TRANSMISSION LINE LAYOUT PLAN" (SHEET SH-4).

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE	
NOTES	
JOB NUMBER	DRAWING NO.
16-141A	SH-9 OF 10


JOB TITLE	MODIFICATION TO EXISTING 460± GUYED TOWER SLEEPY HOLLOW SITE
FOR	MOTOROLA SOLUTIONS

Pate Engineering Inc.
 13540 N. FLORIDA AVE. SUITE 203
 TAMPA, FLORIDA 33613
 813-960-0002
 FL CERTIFICATE OF AUTHORIZATION #4524

DESIGNED BY		DATE		REV.	
BY	DATE	DATE	DESCRIPTION	DATE	DESCRIPTION
BY	DATE	DATE	DESCRIPTION	DATE	DESCRIPTION
BY	DATE	DATE	DESCRIPTION	DATE	DESCRIPTION

3. ERECTION (CONTINUED)
- 3.7 INSTALL NEW ANTENNA MOUNTS AS DESCRIBED IN THE NOTES SECTION UNDER THE DESIGN ANTENNA LIST.
- 3.8 IF THE TRANSMISSION LINES ARE NOT LOCATED AS SHOWN ON THESE DRAWINGS OR IF ANTENNA MOUNTS SUBSTANTIALLY LARGER THAN DESCRIBED ARE INSTALLED, OVER STRESS OF THE TOWER MAY OCCUR. A RE-ANALYSIS OF THE TOWER MAY BE NECESSARY TO DETERMINE THE STRESS STATE OF THE TOWER.
- 3.9 THE RELOCATION OF GUY WIRES SHALL BE ONE CONTINUOUS OPERATION. RELOCATE ONE GUY WIRE AT A TIME. PROVIDE TEMPORARY GUYING AS REQUIRED. NO GUY WIRE REMOVAL SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 3.10 RELOCATED GUY WIRES SHALL BE GROUNDED PER OWNERS REQUIREMENTS.
- 3.10 WHERE FIELD WORK IS CARRIED OUT NEAR EXISTING COAX AND ANTENNAS, EXTREME CARE SHALL BE EXERCISED AND PROTECTION PROVIDED AS REQUIRED TO PREVENT DAMAGE TO TRANSMISSION EQUIPMENT OR INTERRUPTION OF TRANSMISSION SERVICE.
- 3.11 NEW BOLTS SHALL BE TIGHTENED AND TENSIONED BY THE "TURN OF THE NUT" METHOD, PER AISC MANUAL OF STEEL CONSTRUCTION, I.E. 1/3 TURN BEYOND "SNUG" TIGHT.
- 3.12 U-BOLTS SHALL BE "SNUG" TIGHT. DO NOT BEND PLATES.
- 3.13 AFTER TOWER MODIFICATIONS HAVE BEEN COMPLETED, RETENSION ALL GUY TO THE INITIAL TENSION (1T) SHOWN AND REPLUMB THE TOWER.
- 3.14 ALL CONSTRUCTION PROCEDURES SHALL COMPLY WITH THE SAFETY REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS.
- 3.15 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

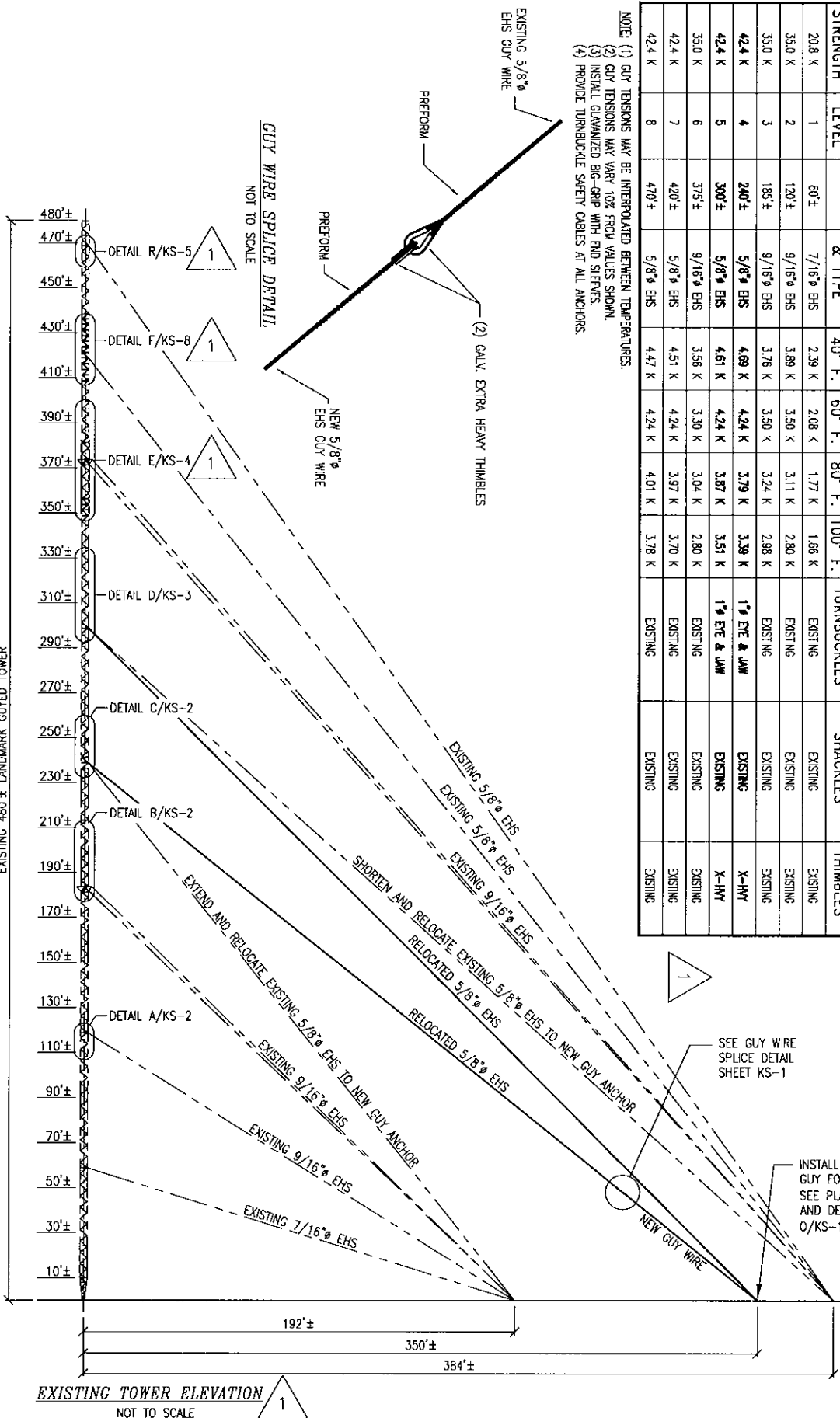
DRAWING TITLE NOTES		JOB TITLE MODIFICATION TO EXISTING 480'± GUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS		 Pate Engineering Inc. 13640 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL. CERTIFICATE OF AUTHORIZATION #4524		DESIGNED BY MH		DRAWING RECORD					
JOB NUMBER 16-141A		DRAWING NO. SH-10 OF 10		REV. 0		DRAWN BY MH		REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
						CHECKED BY MH		A	FOR APPROVAL	7/21/16			
						APPROVED BY		B	REV FOUNDATION	8/4/16			
								D	FOR CONSTRUCTION	8/24/16			

Addendum No. 3
[Keystone Tower Remediation Plans]

GUY WIRE TENSIONING & HARDWARE TABLE

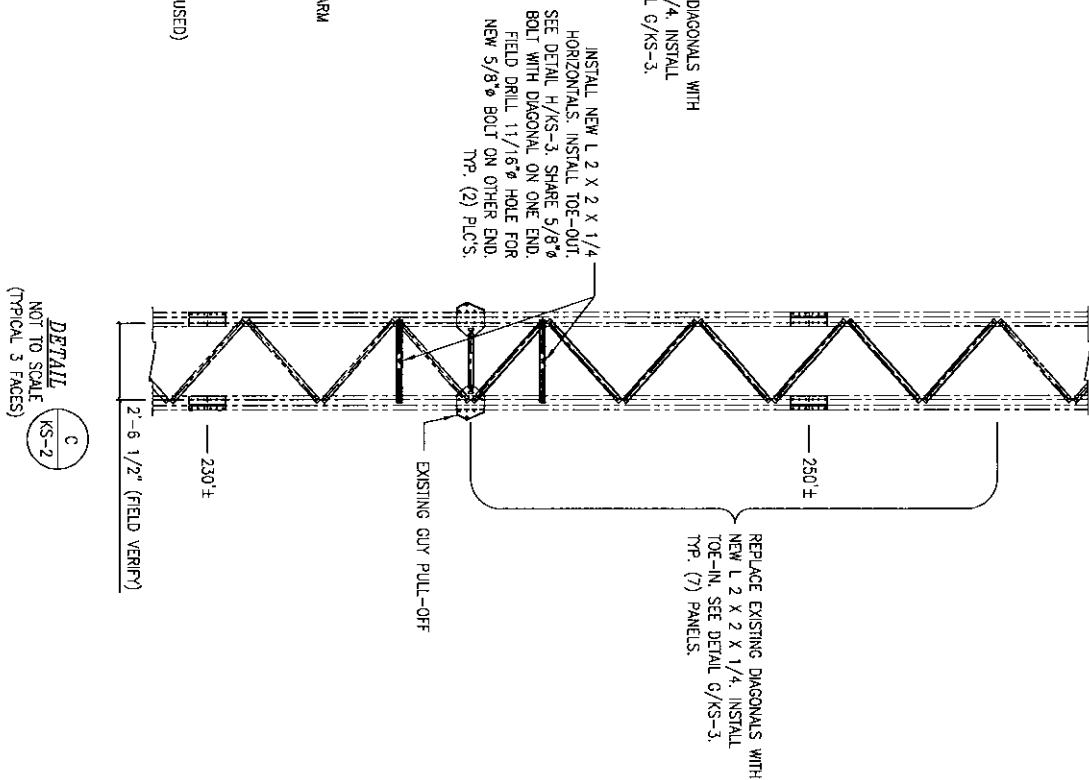
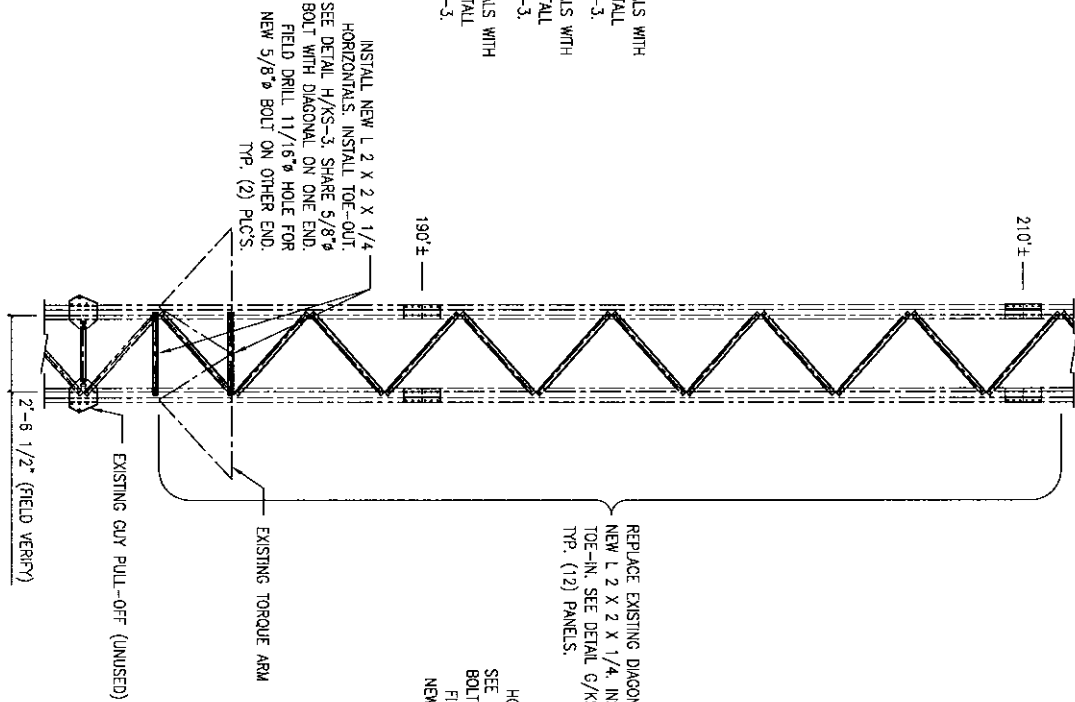
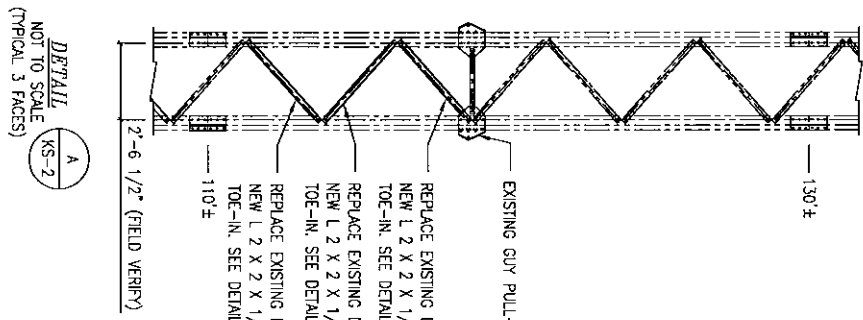
BREAKING STRENGTH	GUY LEVEL	ELEV.	DIAMETER & TYPE	I.T. (KIPS)					TURNBUCKLES	SHACKLES	THIMBLES
				40' F.	60' F.	80' F.	100' F.	120' F.			
20.8 K	1	80±	7/16" EHS	2.39 K	2.08 K	1.77 K	1.66 K	1.56 K	EXISTING	EXISTING	EXISTING
35.0 K	2	120±	9/16" EHS	3.89 K	3.50 K	3.11 K	2.80 K	2.60 K	EXISTING	EXISTING	EXISTING
35.0 K	3	185±	9/16" EHS	3.76 K	3.50 K	3.24 K	2.98 K	2.80 K	EXISTING	EXISTING	EXISTING
42.4 K	4	240±	5/8" BS	4.69 K	4.24 K	3.79 K	3.39 K	3.51 K	1" DE & JAW	EXISTING	X-HY
42.4 K	5	300±	5/8" BS	4.61 K	4.24 K	3.87 K	3.51 K	3.51 K	1" DE & JAW	EXISTING	X-HY
35.0 K	6	375±	9/16" EHS	3.56 K	3.30 K	3.04 K	2.80 K	2.80 K	EXISTING	EXISTING	EXISTING
42.4 K	7	420±	5/8" EHS	4.51 K	4.24 K	3.97 K	3.70 K	3.70 K	EXISTING	EXISTING	EXISTING
42.4 K	8	470±	5/8" EHS	4.47 K	4.24 K	4.01 K	3.78 K	3.78 K	EXISTING	EXISTING	EXISTING

NOTE: (1) GUY TENSIONS MAY BE INTERPOLATED BETWEEN TEMPERATURES.
 (2) GUY TENSIONS MAY VARY 10% FROM VALUES SHOWN.
 (3) INSTALL GALVANIZED BIG-GRIP WITH END STEELS.
 (4) PROVIDE TURNBUCKLE SAFETY CABLES AT ALL ANCHORS.



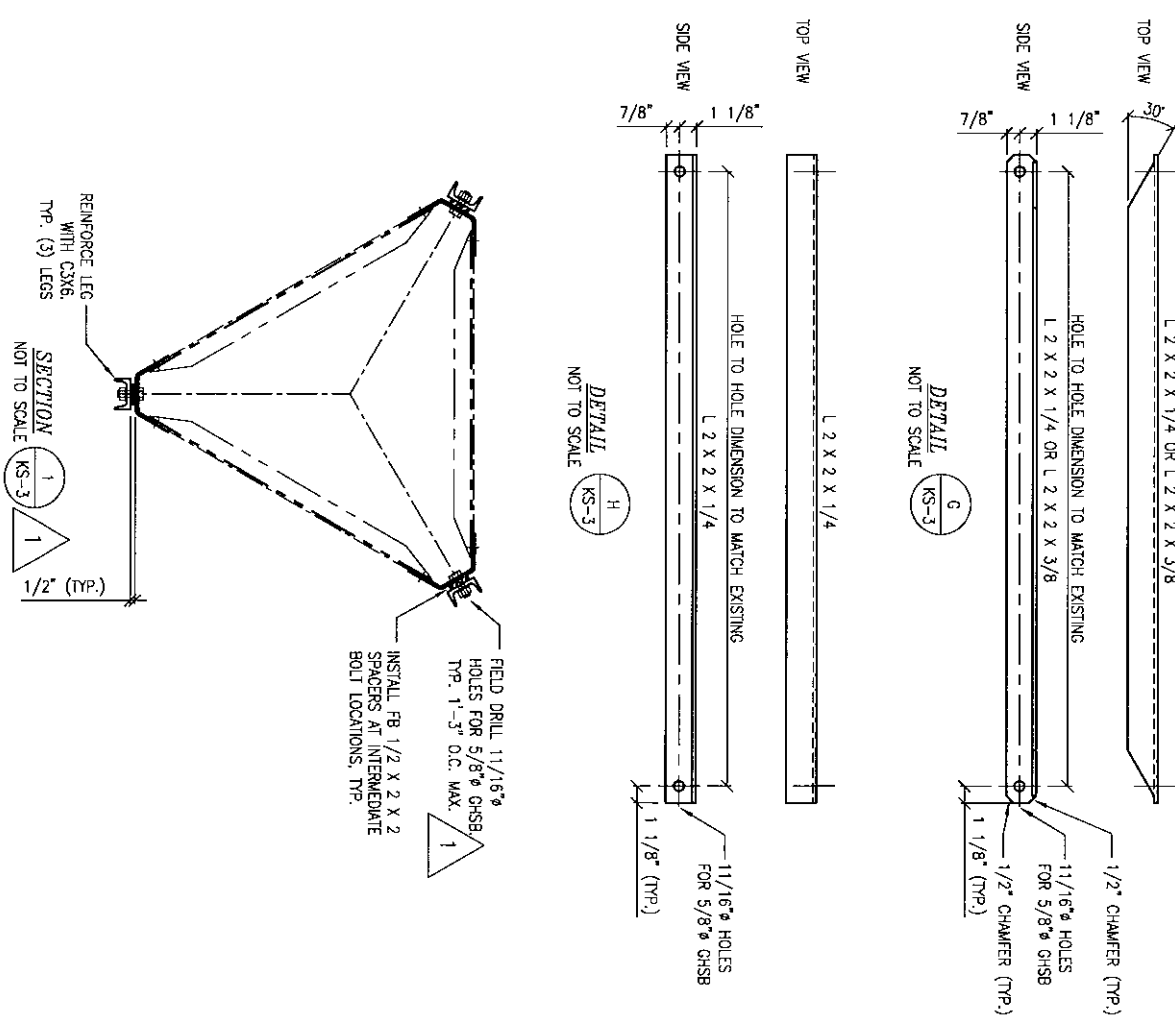
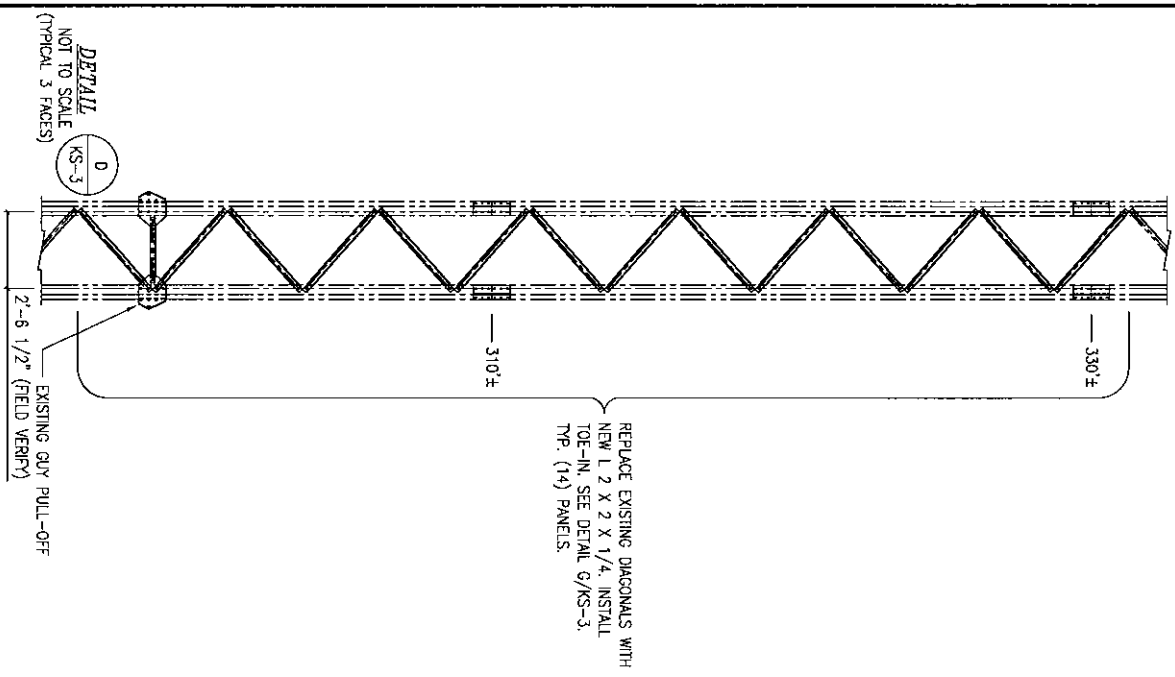
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

DRAWING TITLE GENERAL ARRANGEMENT			JOB TITLE MODIFICATION TO EXISTING 480' GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS			Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524			DESIGNED BY MH DRAWN BY MH CHECKED BY MH APPROVED BY 1			DRAWING RECORD <table border="1"> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> <tr> <td>A</td> <td>FOR APPROVAL</td> <td>7/16/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>REV GUY ANCHOR</td> <td>8/3/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>O</td> <td>FOR CONSTRUCTION</td> <td>8/24/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>GENERAL REV</td> <td>11/23/16</td> <td></td> <td></td> <td></td> </tr> </table>			REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	A	FOR APPROVAL	7/16/16				B	REV GUY ANCHOR	8/3/16				O	FOR CONSTRUCTION	8/24/16				1	GENERAL REV	11/23/16			
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE																																							
A	FOR APPROVAL	7/16/16																																										
B	REV GUY ANCHOR	8/3/16																																										
O	FOR CONSTRUCTION	8/24/16																																										
1	GENERAL REV	11/23/16																																										
JOB NUMBER 16-141B DRAWING NO. KS-1 OF 14 REV. 1																																												



ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

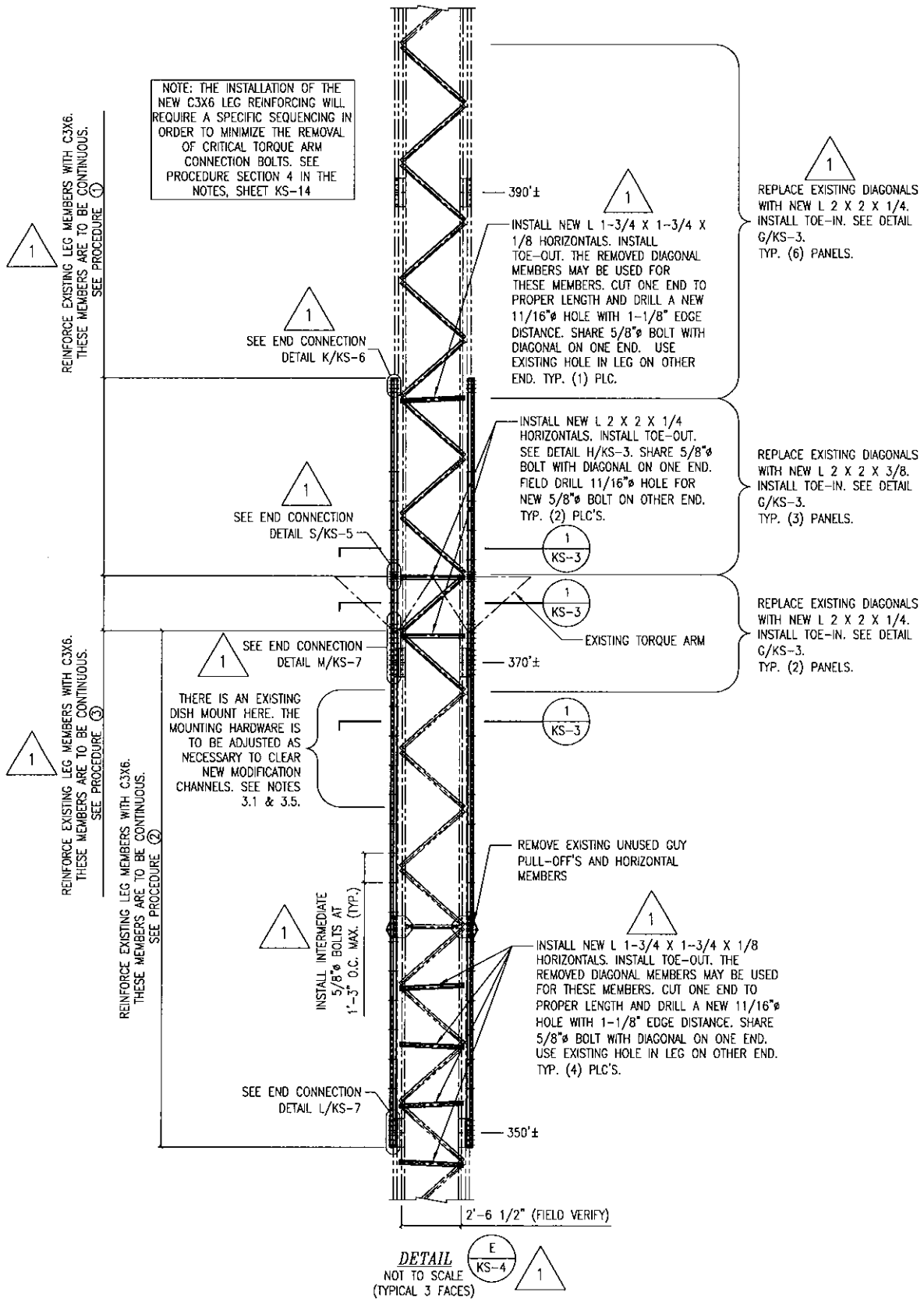
DRAWING TITLE			DRAWING RECORD			
DETAILS			DESIGNED BY	MH	REV.	DESCRIPTION
JOB NUMBER 16-141B DRAWING NO. KS-2 OF 14 REV. 1			DRAWN BY	MH	A	FOR APPROVAL
			CHECKED BY	MH	B	REV GUY ANCHOR
			APPROVED BY	T	0	FOR CONSTRUCTION
					GENERAL REV	11/23/16
JOB TITLE MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE MOTOROLA SOLUTIONS			Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524			



DRAWING TITLE			JOB TITLE			DESIGNED BY			DRAWING RECORD					
DETAILS			MODIFICATION TO EXISTING 480'x GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS				MH		REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
JOB NUMBER			DRAWING NO.				MH		A	FOR APPROVAL	7/18/16			
16-141B			KS-3 OF 14				MH		B	REV GUY ANCHOR	8/3/16			
									O	FOR CONSTRUCTION	8/24/16			
									GENERAL REV	11/23/16				
						Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524								

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015

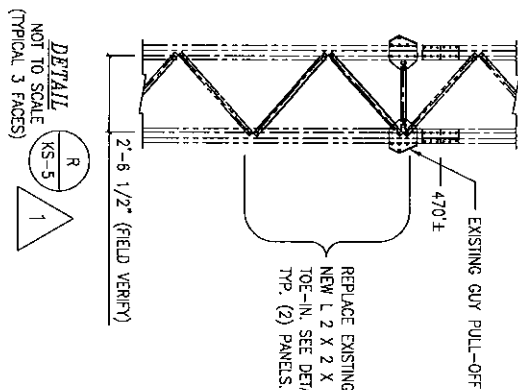


DRAWING TITLE			JOB TITLE			DESIGNED BY			DRAWING RECORD			
DETAILS			MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS			MH			REV.	DESCRIPTION	DATE	REV.
JOB NUMBER 16-141B			DRAWING NO. KS-4 OF 14			MH			A	FOR APPROVAL	7/18/16	
REV. 1						MH			B	REV GUY ANCHOR	8/3/16	
									O	FOR CONSTRUCTION	8/24/16	
									1	GENERAL REV	11/23/16	



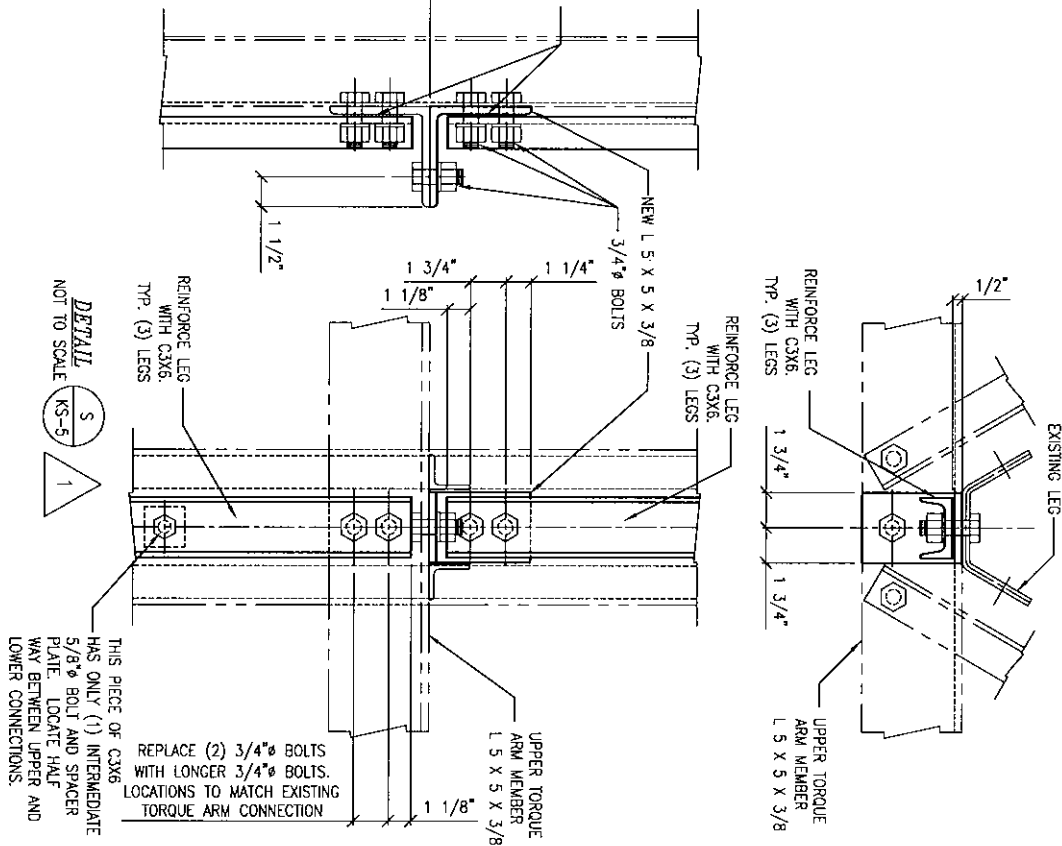
Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016



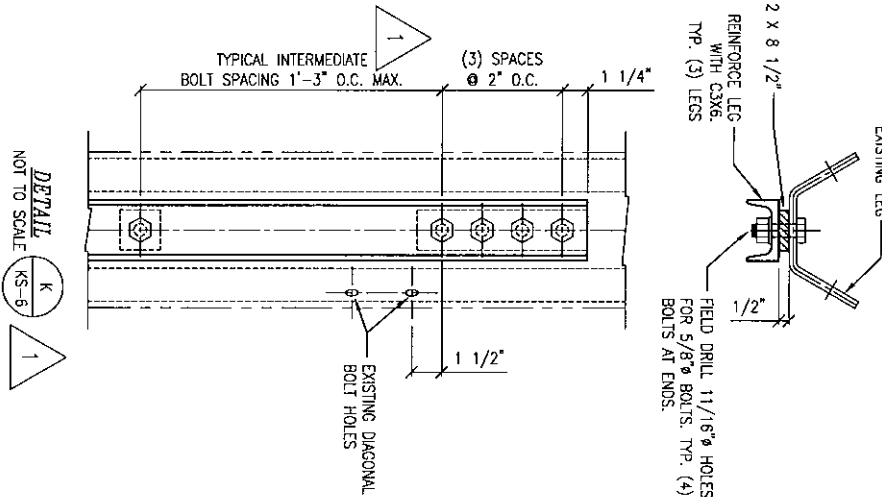
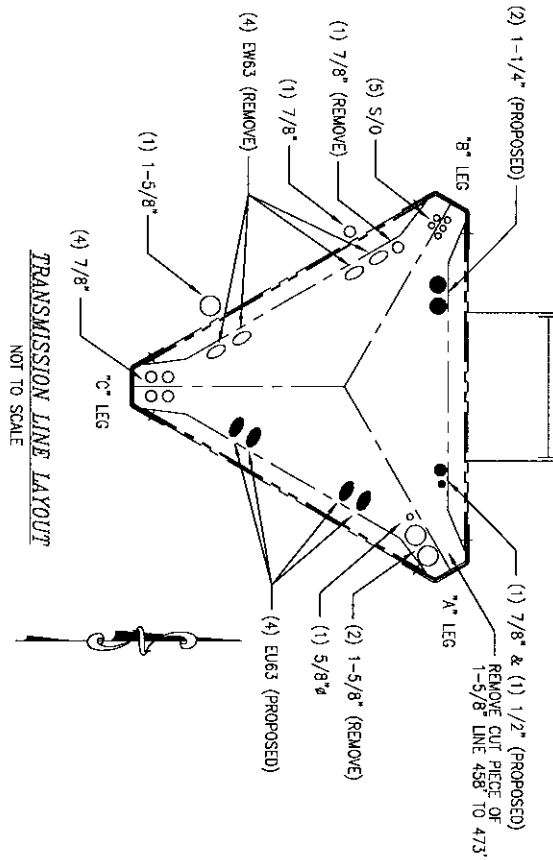
SEE PROCEDURE ①
INSTALL FB 2" (THICKNESS AS REQUIRED TO GET 1/2" TOTAL SPACE)

SEE PROCEDURE ③



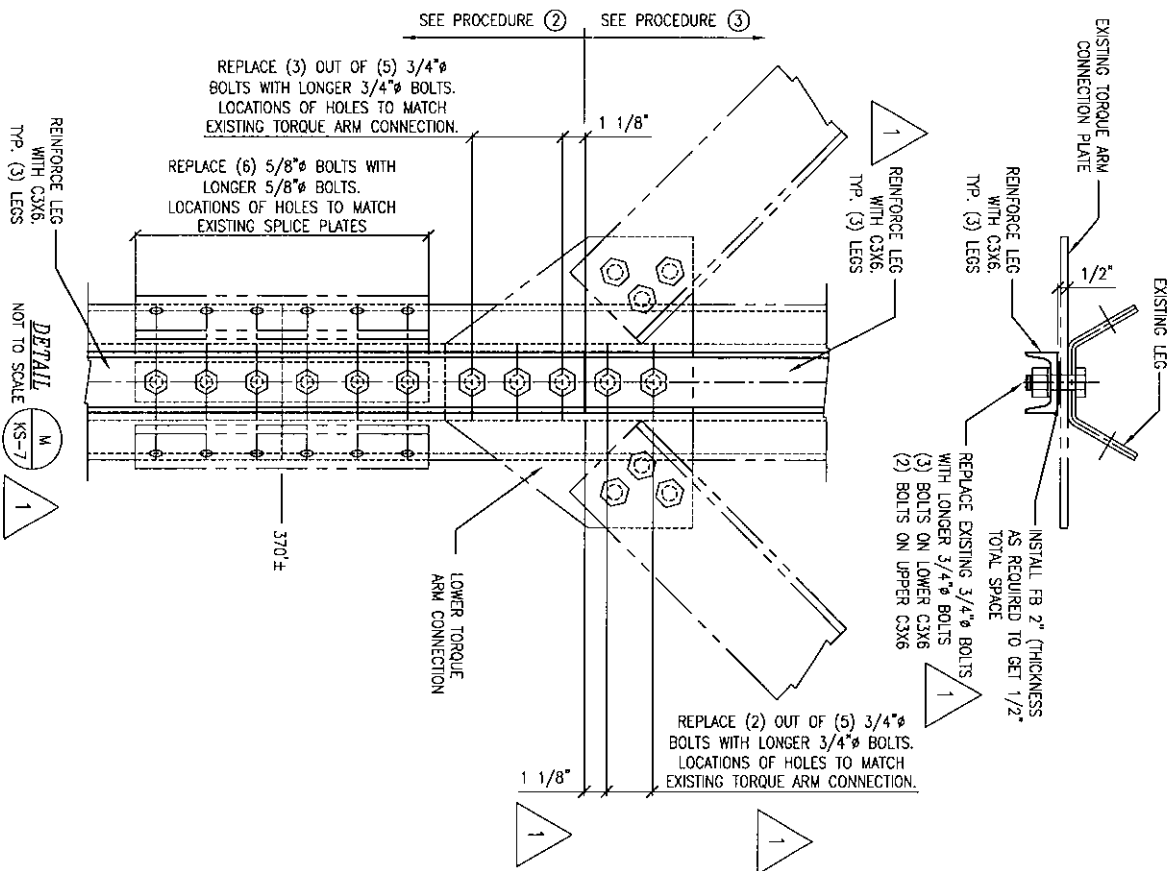
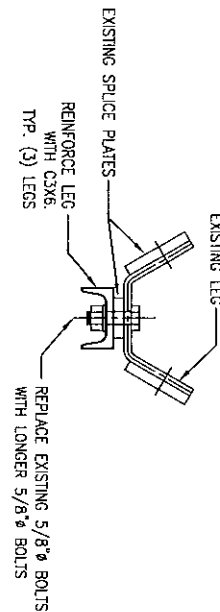
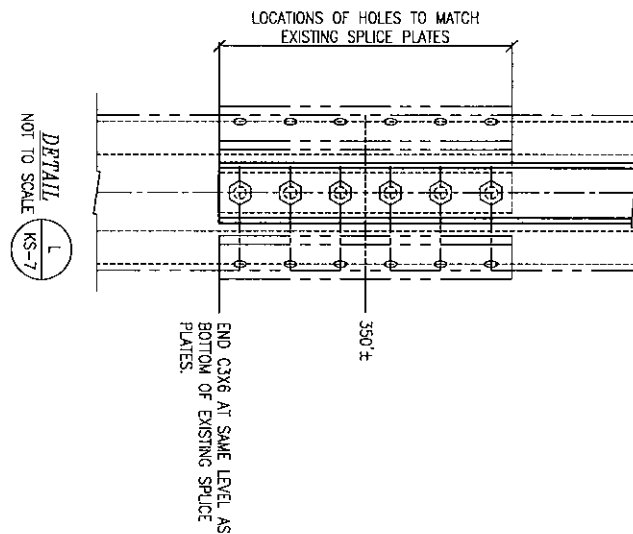
DRAWING TITLE			JOB TITLE			DESIGNED BY			DRAWING RECORD		
DETAILS			MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS			Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524			REV.	DESCRIPTION	DATE
JOB NUMBER 16-141B			DRAWING NO. KS-5 OF 14			CHECKED BY			REV.	DESCRIPTION	DATE
REV. 1						APPROVED BY			0	FOR CONSTRUCTION	8/24/16
									1	GENERAL REV	11/23/16

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016



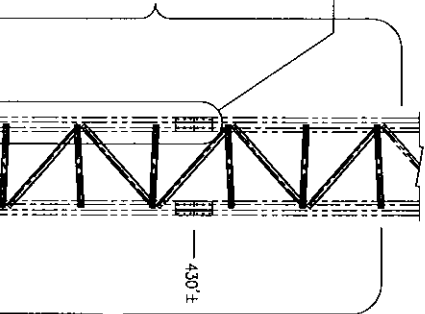
DRAWING TITLE			JOB TITLE			Pate Engineering Inc.			DESIGNED BY			DRAWING RECORD			
DETAILS			MODIFICATION TO EXISTING			13540 N. FLORIDA AVE. SUITE 203			DRAWN BY			REV.	DESCRIPTION	DATE	REV.
FOR			480'± GUYED TOWER			TAMPA, FLORIDA 33613			CHECKED BY			A	FOR APPROVAL	7/18/16	
KEYSTONE SITE			FOR			813-960-0002			APPROVED BY			B	REV GUY ANCHOR	8/3/16	
MOTOROLA SOLUTIONS			FL CERTIFICATE OF AUTHORIZATION #4524									O	FOR CONSTRUCTION	8/24/16	
JOB NUMBER			DRAWING NO.									1	GENERAL REV	11/23/16	
16-141B			KS-6 OF 14												

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

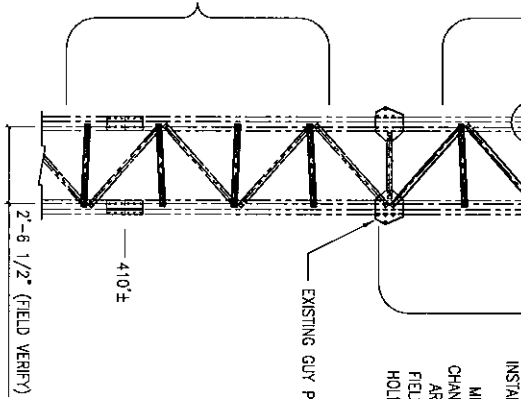


DRAWING TITLE			JOB TITLE			Pate Engineering Inc.			DESIGNED BY			DRAWING RECORD		
DETAILS			MODIFICATION TO EXISTING 480' GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS			13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524			REV.			REV.		
JOB NUMBER			DRAWING NO.			REV.			A			DESCRIPTION		
16-141B			KS-7 OF 14			1			FOR APPROVAL			DATE		
									B			REV GUY ANCHOR		
									C			FOR CONSTRUCTION		
									D			GENERAL REV		
									1			11/23/16		

THE "C" LEG (OPPOSITE FROM THE CLIMBING LADDER) HAS A DAMAGED AREA. ADDITIONAL REINFORCING (SEE DETAIL T/KS-8) AND BRACING PROCEDURE FOR DIAGONAL REPLACEMENT (SEE DETAIL U/KS-8) WILL BE REQUIRED.

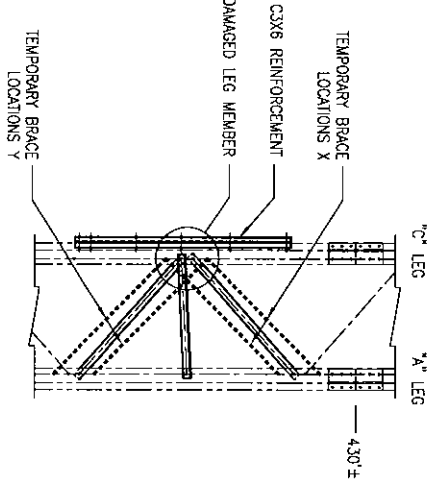
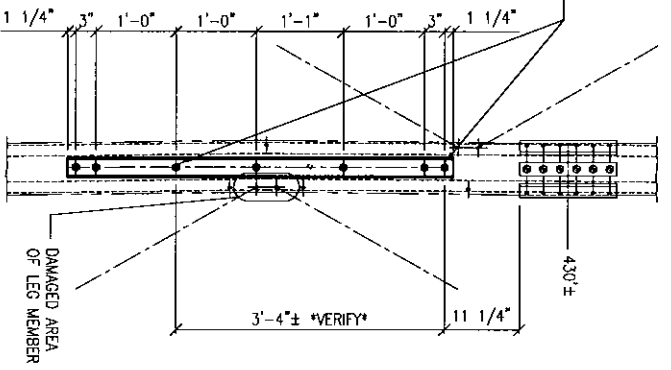
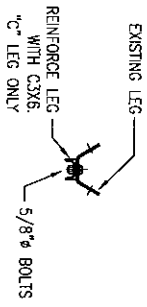
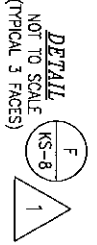


INSTALL NEW L 1-3/4 X 1-3/4 X 1/8 HORIZONTALS. INSTALL TOE-OUT. THE REMOVED DIAGONAL MEMBERS MAY BE USED FOR THESE MEMBERS. CUT ONE END TO PROPER LENGTH AND DRILL A NEW 11/16\"/>

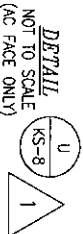


REPLACE EXISTING DIAGONALS WITH NEW L 2 X 2 X 1/4. INSTALL TOE-IN. SEE DETAIL G/KS-3. TYP. (7) PANELS.

INSTALL 5/8\"/>



1. INSTALL CSX6 REINFORCEMENT ON THE "C" LEG. SEE DETAIL T/KS-8.
2. INSTALL L 1-3/4 X 1-3/4 X 1/8 HORIZONTAL MEMBER ON THE BC FACE (NOT THE FACE SHOWN) TO BRACE THE LEG ON THE OPPOSITE SIDE OF THE DAMAGED AREA.
3. INSTALL TEMPORARY BRACING MEMBERS AT LOCATIONS "X" ABOVE AND BELOW THE UPPER DIAGONAL MEMBER USING EXISTING HOLES IN THE TOWER LEGS. TIGHTEN THESE MEMBERS AS MUCH AS POSSIBLE.
4. CAREFULLY LOOSEN THE BOLTS IN THE UPPER DIAGONAL MEMBER IF THE TEMPORARY BRACING IS ADEQUATELY STABILIZING THE LEG MEMBER. REPLACE THIS DIAGONAL AS SHOWN IN DETAIL F/KS-8.
5. RELOCATE THE TEMPORARY BRACING MEMBERS TO LOCATIONS "Y" ABOVE AND BELOW THE LOWER DIAGONALS USING EXISTING HOLES IN THE TOWER LEGS. TIGHTEN THESE MEMBERS AS MUCH AS POSSIBLE.
6. CAREFULLY LOOSEN THE BOLTS IN THE LOWER DIAGONAL MEMBER IF THE TEMPORARY BRACING IS ADEQUATELY STABILIZING THE LEG MEMBER. REPLACE THIS DIAGONAL AS SHOWN IN DETAIL F/KS-8. ALSO ATTACH THE END OF THE NEW HORIZONTAL MEMBER THAT SHARES THE DIAGONAL END BOLT.
7. REMOVE THE TEMPORARY BRACE ABOVE THE LOWER DIAGONAL (BUT NOT THE ONE BELOW THE DIAGONAL). THIS WILL ALLOW THE NEW HORIZONTAL TO BE ROTATED UP TO THE CONNECTION ON THE "A" LEG. COMPLETE THE INSTALLATION OF THE HORIZONTAL AND TIGHTEN.

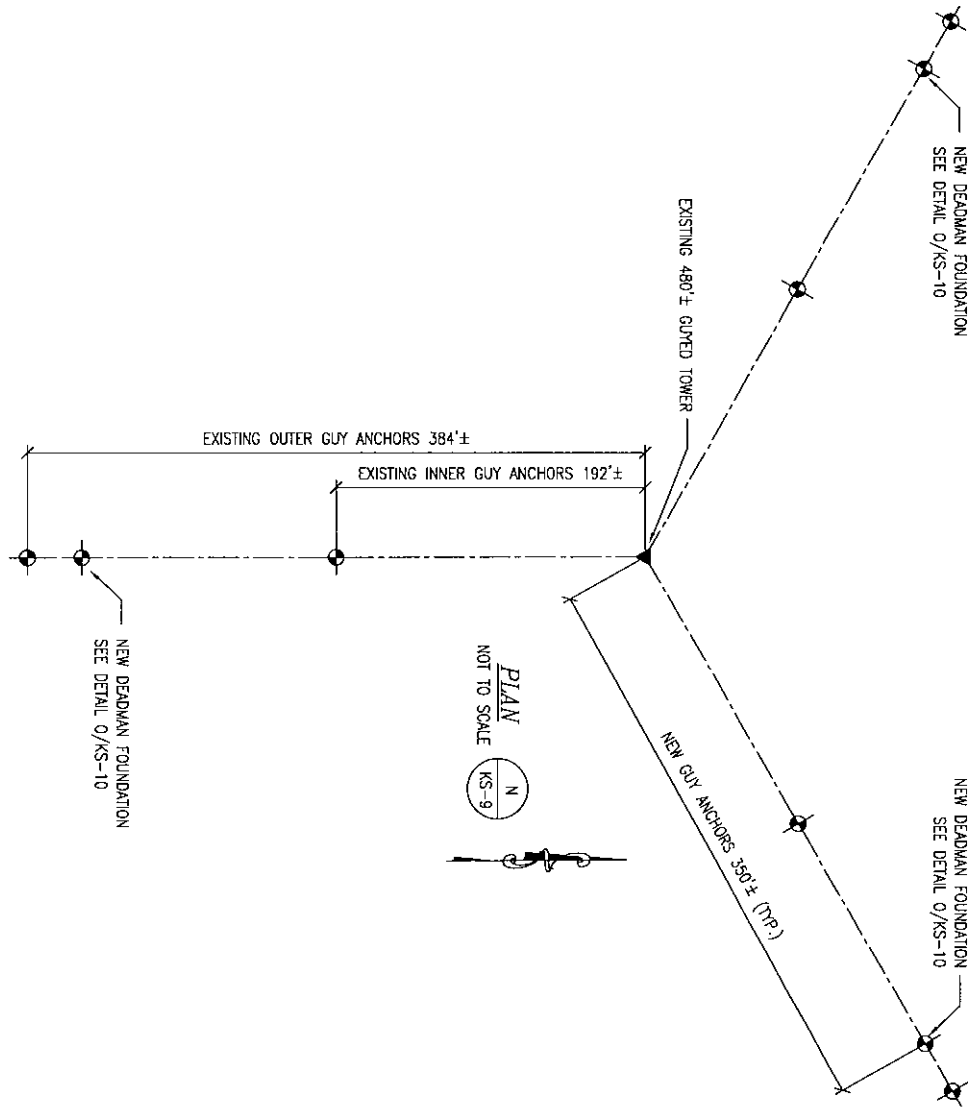


ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

DRAWING TITLE		JOB TITLE		DESIGNED BY		DRAWING RECORD			
DETAILS		MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		MH		REV.	DESCRIPTION	DATE	REV.
JOB NUMBER 16-1418		DRAWING NO. KS-8 OF 14		CHECKED BY MH		A	FOR APPROVAL	7/18/16	
		REV. 1		APPROVED BY MH		B	REV GUY ANCHOR	8/3/16	
						0	FOR CONSTRUCTION	8/24/16	
						1	GENERAL REV	11/23/16	

Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015



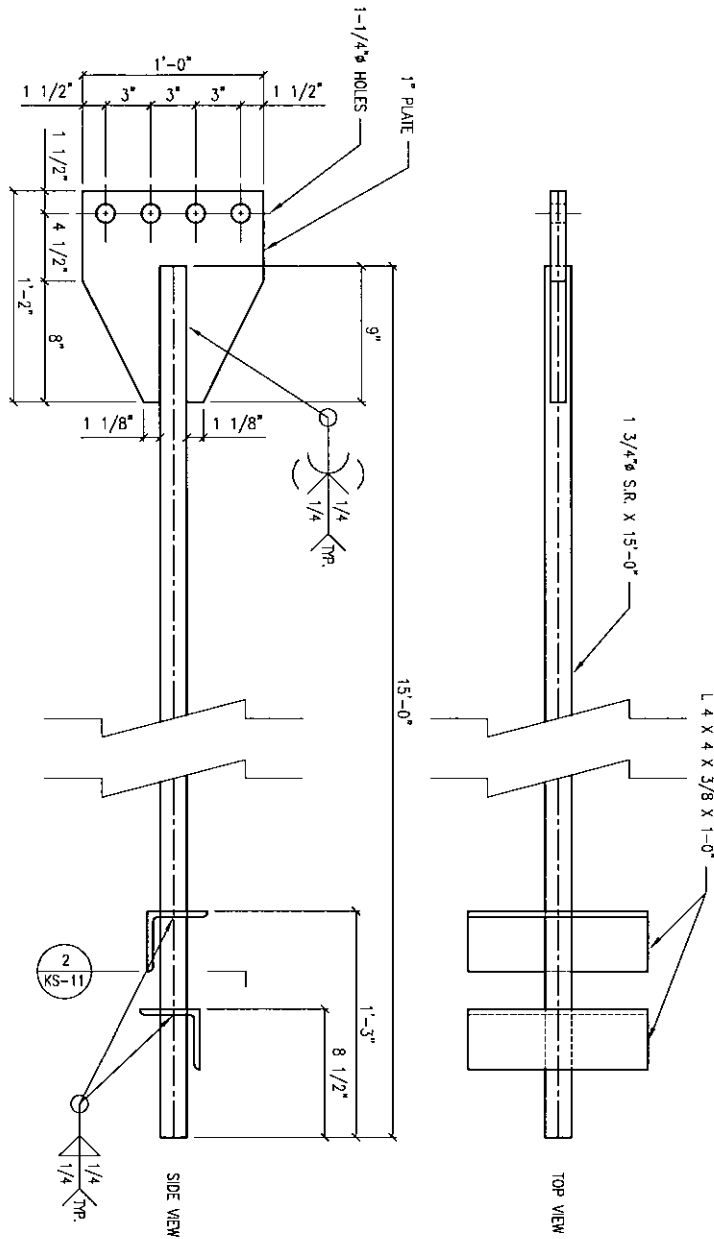
DRAWING TITLE			JOB TITLE			DESIGNED BY			DRAWING RECORD					
PLAN			MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS			MH			REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
JOB NUMBER 16-141B			DRAWING NO. KS-9 OF 14			MH			A	FOR APPROVAL	7/18/16			
			REV. 1			MH			B	REV GUY ANCHOR	8/3/16			
						MH			C	FOR CONSTRUCTION	8/24/16			
						MH			1	GENERAL REV	11/23/16			



Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

DRAWING TITLE FOUNDATION DETAIL			JOB TITLE MODIFICATION TO EXISTING 480 ± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DESIGNED BY: MH DRAWN BY: MH CHECKED BY: MH APPROVED BY:						DRAWING RECORD <table border="1"> <thead> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>FOR APPROVAL</td> <td>7/18/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>REV GUY ANCHOR</td> <td>8/3/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>FOR CONSTRUCTION</td> <td>8/24/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>GENERAL REV</td> <td>11/23/16</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	1	FOR APPROVAL	7/18/16				2	REV GUY ANCHOR	8/3/16				3	FOR CONSTRUCTION	8/24/16				4	GENERAL REV	11/23/16			
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE																																											
1	FOR APPROVAL	7/18/16																																														
2	REV GUY ANCHOR	8/3/16																																														
3	FOR CONSTRUCTION	8/24/16																																														
4	GENERAL REV	11/23/16																																														
JOB NUMBER 16-1418		DRAWING NO. KS-10 of 14		REV. 1																																												

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016



DRAWING TITLE			JOB TITLE			Pate Engineering Inc.			DESIGNED BY													
DETAILS			MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS			 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524			DRAWING RECORD													
JOB NUMBER			DRAWING NO.						DRAWN BY		REV.		DESCRIPTION		DATE		REV.		DESCRIPTION		DATE	
16-141B			KS-11 OF 14						MH		A		FOR APPROVAL		7/19/16							
									CHECKED BY		B		REV GUY ANCHOR		8/3/16							
									APPROVED BY		G		FOR CONSTRUCTION		8/24/16							
											1		GENERAL REV		11/23/16							

GUY ANCHOR DRILLED PIER DESIGN CRITERIA

LATERAL = 31.4 KIPS
UPlift = 23.5 KIPS



FOUNDATION NOTES

MATERIALS

CONCRETE $f'_c = 3,000$ PSI @ 28 DAYS
REINFORCING STEEL ASTM A-615 GRADE 60

NOTES:

- 1.1 CONCRETE SHALL BE DESIGNED, DETAILED, PRODUCED AND PLACED AS PROVIDED FOR IN ACI STANDARD 318, LATEST EDITION, "BUILDING CODE REQUIREMENT FOR STRUCTURAL CONCRETE" AND ACI STANDARD 301, LATEST EDITION, "SPECIFICATIONS FOR STRUCTURAL CONCRETE."
- 1.2 REINFORCING STEEL SHALL BE HANDLED, CUT AND PLACED AS PROVIDED FOR IN "THE MANUAL OF STANDARD PRACTICE", CRSI.
- 1.3 PAINT ANCHORS, RODS IN CONTACT WITH SOIL TO 6" ABOVE GRADE WITH TWO (2) COATS OF BITUMINOUS PAINT PRIOR TO BACKFILLING.
- 1.4 GROUNDING, CONDUITS, LINES, ETC. SHALL BE RELOCATED AS NECESSARY TO CLEAR THE NEW STRUCTURE. GROUNDING SHALL BE MAINTAINED AT ALL TIMES. PROVIDE PROTECTIVE GROUNDING IN ACCORDANCE WITH TIA-222-G, OR OWNERS SPECIFICATIONS.
- 1.5 WHERE FIELD WORK IS CARRIED OUT NEAR THE TOWER AND OTHER STRUCTURES, EXTREME CARE SHALL BE EXERCISED TO PREVENT DAMAGE.
- 1.6 EXTREME CARE SHALL BE EXERCISED WHEN EXCAVATING FOR NEW ANCHORS, TO PREVENT DAMAGE TO EXISTING GUY WIRES OVERHEAD.
- 1.7 IF NECESSARY TO MOVE FENCES OR OTHER ITEMS, OR DISTURB THE GROUNDS, THEY SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
- 1.8 THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING. ANY PROBLEMS WITH ACCESS, INTERFERENCE, PROPERTY LINES, ETC. SHALL BE RESOLVED PRIOR TO MOVING ONTO THE JOB SITE. UNDERGROUND UTILITIES SHALL BE LOCATED PRIOR TO BEGINNING WORK. NO EXTRA WILL BE CONSIDERED FOR THESE CONDITIONS.
- 1.9 THE CONTRACTOR MUST COORDINATE THE WORK AND COOPERATE WITH THE TOWER OWNER PRIOR TO MOVING INTO THE SITE.
- 1.10 ALL CONSTRUCTION PROCEDURES SHALL MEET THE REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS TO PROTECT PERSONNEL.
- 1.11 COMPACT BACKFILL IN 6" LIFTS WITH POWERED HAND TAMPER.
- 1.12 THE CONTRACTOR SHALL OBTAIN CONCRETE TEST CYLINDERS FROM EACH ANCHOR FOUNDATION. FURNISH COPIES OF THE TEST RESULTS TO THE ENGINEER FOR THE SEVEN (7) DAY BREAK AND TWENTY-EIGHT (28) DAY BREAK.
- 1.13 THE CONTRACTOR MUST ANTICIPATE THE PRESENCE OF LOOSE SOIL, MATERIALS AND GROUNDWATER.
- 1.14 THE ANCHOR FOUNDATIONS HAVE BEEN DESIGNED ACCORDING TO THE GEOTECHNICAL EXPLORATION BY AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC., PROJECT NO. 6166-16-0181, DATED 7/29/2016. A COPY OF THE REPORT CAN BE OBTAINED FROM THE CLIENT.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES "INSTRUMENTS OF SERVICE" OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE FOUNDATION NOTES		JOB TITLE MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DESIGNED BY: M01 DRAWN BY: M01 CHECKED BY: M01 APPROVED BY: 1						DRAWING RECORD <table border="1"> <thead> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>FOR APPROVAL</td> <td>7/18/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>REV GUY ANCHOR</td> <td>8/3/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0</td> <td>FOR CONSTRUCTION</td> <td>8/24/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>GENERAL REV</td> <td>11/23/16</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	A	FOR APPROVAL	7/18/16				B	REV GUY ANCHOR	8/3/16				0	FOR CONSTRUCTION	8/24/16				1	GENERAL REV	11/23/16			
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE																																										
A	FOR APPROVAL	7/18/16																																													
B	REV GUY ANCHOR	8/3/16																																													
0	FOR CONSTRUCTION	8/24/16																																													
1	GENERAL REV	11/23/16																																													
JOB NUMBER 16-141B	DRAWING NO. KS-12 OF 14	REV. 1																																													

THIS TOWER HAS BEEN ANALYZED AND THESE DRAWINGS REPRESENT MODIFICATIONS REQUIRED TO SUPPORT THE FOLLOWING ANTENNAS AND LINES IN ACCORDANCE WITH ANSI/TIA-222-G-2 FOR THE FOLLOWING CRITERIA:

$V_{50} = 103.8$ MPH (3-SEC GUST NOMINAL WIND SPEED)
EXPOSURE C
CLASS II (I=10)
TOPOGRAPHIC CATEGORY 1
WIND = 134 MPH (RISK CATEGORY III/IV) (3-SECOND GUST ULTIMATE WIND SPEED)
EDITION (2014) FOR THE FOLLOWING CRITERIA:
EXPLOSURE C

DESIGN CRITERIA

GENERAL NOTES

STRUCTURAL STEEL, PIPE AND PLATES: ASTM A36 $F_y = 36.0$ KSI
EHS GUY WIRE: ASTM A475 (EXTRA HIGH STRENGTH) CLASS A GALVANIZED
U-BOLTS: ASTM A36 $F_y = 36.0$ KSI OR STAINLESS STEEL TYPE 304
WELD ELECTRODES: E70 SERIES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

DESIGN CRITERIA

GENERAL NOTES

MATERIALS:

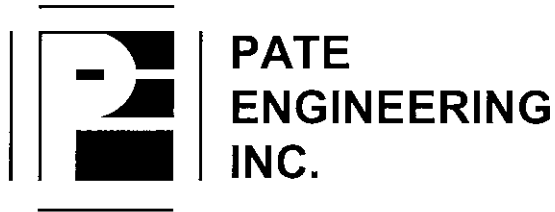
DESIGN CRITERIA

3. ERECTION (CONTINUED)
- 3.7 INSTALL NEW ANTENNA MOUNTS AS DESCRIBED IN THE NOTES SECTION UNDER THE DESIGN ANTENNA LIST.
- 3.8 IF THE TRANSMISSION LINES ARE NOT LOCATED AS SHOWN ON THESE DRAWINGS OR IF ANTENNA MOUNTS SUBSTANTIALLY LARGER THAN DESCRIBED ARE INSTALLED, OVER STRESS OF THE TOWER MAY OCCUR. A RE-ANALYSIS OF THE TOWER MAY BE NECESSARY TO DETERMINE THE STRESS STATE OF THE TOWER.
- 3.9 THE REPLACEMENT OF DIAGONAL MEMBERS SHALL BE ONE CONTINUOUS OPERATION. REPLACE ONE DIAGONAL AT A TIME. PROVIDE TEMPORARY BRACING AS REQUIRED. NO MEMBER REPLACEMENT SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 3.10 THE RELOCATION OF GUY WIRES SHALL BE ONE CONTINUOUS OPERATION. RELOCATE ONE GUY WIRE AT A TIME. PROVIDE TEMPORARY GUYING AS REQUIRED. NO GUY WIRE REMOVAL SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 3.11 RELOCATED GUY WIRES SHALL BE GROUNDED PER OWNERS REQUIREMENTS.
- 3.12 WHERE FIELD WORK IS CARRIED OUT NEAR EXISTING COAX AND ANTENNAS, EXTREME CARE SHALL BE EXERCISED AND PROTECTION PROVIDED AS REQUIRED TO PREVENT DAMAGE TO TRANSMISSION EQUIPMENT OR INTERRUPTION OF TRANSMISSION SERVICE.
- 3.13 NEW BOLTS SHALL BE TIGHTENED AND TENSIONED BY THE "TURN OF THE NUT" METHOD, PER ASC MANUAL OF STEEL CONSTRUCTION, I.E. 1/3 TURN BEYOND "SNUG" TIGHT.
- 3.14 U-BOLTS SHALL BE "SNUG" TIGHT. DO NOT BEND PLATES.
- 3.15 AFTER TOWER MODIFICATIONS HAVE BEEN COMPLETED, RETENSION ALL GUY TO THE INITIAL TENSION (1.1) SHOWN AND REPLUMB THE TOWER.
- 3.16 ALL CONSTRUCTION PROCEDURES SHALL COMPLY WITH THE SAFETY REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS.
- 3.17 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.
4. PROCEDURE FOR INSTALLATION OF C3X6 LEG REINFORCING
- 4.1 ONLY (1) OF THE CHANNEL REINFORCING MEMBERS (IN WHICHEVER SECTION IS BEING WORKED ON) MAY BE INSTALLED AT A TIME. PROVIDE TEMPORARY BRACING AS REQUIRED. NONE OF THIS WORK IS TO BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 4.2 PROCEDURE ①
- 4.2.1 THE LEG REINFORCING ABOVE THE TOP TORQUE ARM MEMBER IS TO BE INSTALLED TO COMPLETION PRIOR TO ANY WORK ON ANY OTHER SECTION. THIS PART OF THE WORK WILL NOT INVOLVE REMOVAL OF ANY TORQUE ARM CONNECTIONS AND WILL STRENGTHEN THE UPPER TORQUE ARM CONNECTION AFTER COMPLETION.
- 4.3 PROCEDURE ②
- 4.3.1 THE LEG REINFORCING CHANNELS BELOW THE BOTTOM OF THE TORQUE ARM IS TO BE INSTALLED TO COMPLETION SECOND. THIS IS TO BE DONE PRIOR TO THE SECTION OF REINFORCING INSIDE THE TORQUE ARM. THE (3) LOWER TORQUE ARM BOLTS THAT ARE BEING REPLACED ARE TO BE REMOVED AND REPLACED (1) AT A TIME.
- 4.4 PROCEDURE ③
- 4.4.1 THE LEG REINFORCING CHANNELS THAT ARE INSIDE OF THE TORQUE ARM ARE TO BE INSTALLED LAST. THE (2) LOWER AND (2) UPPER TORQUE ARM BOLTS THAT ARE BEING REPLACED ARE TO BE REMOVED AND REPLACED (1) AT A TIME.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE NOTES		JOB TITLE MODIFICATION TO EXISTING 480± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DESIGNED BY MH		DRAWING RECORD				
JOB NUMBER 16-141B	DRAWING NO. KS-14 OF 14	REV. 1			DRAWN BY MH		REV. A	DESCRIPTION FOR APPROVAL	DATE 7/18/16	REV.	DESCRIPTION	DATE
					CHECKED BY MH		B	REV GUY ANCHOR	9/3/16			
					APPROVED BY		0	FOR CONSTRUCTION	9/24/16			
							1	GENERAL REV	11/23/16			

Addendum No. 4
[December 19, 2016 Pate Engineering Inc. Letter]



13540 N. Florida Avenue, Suite 203
Tampa, Florida 33613
www.pateengineering.com
(813) 960-0002
FL CA #4524

December 19, 2016

Motorola Solutions, Inc.
1851 NE 65th Street
Ft. Lauderdale, Florida 33308
Attn: Mr. Jim Redington

Re: 480-Ft Guyed Tower
Keystone Site
Our Job # 16-141B

Dear Mr. Redington,

During construction of the tower modifications on the Keystone site, damage was noted on the South tower leg at approximately 425' elevation. The site was visited on 11/19/2016 to observe this damage.

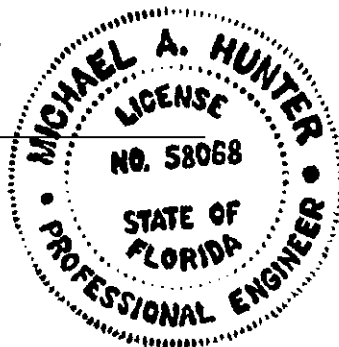
The tower modification design was revised to add additional tower bracing and to reinforce the area around this leg damage. After the tower modifications shown on Drawings KS-1 to 14 of 14, rev. 1, dated 11/23/2016 are properly completed, and the tower loading is changed to the final configuration required by those drawings, the tower will meet the requirements of ANSI/TIA-222-G-2 and the Florida Building Code 5th Edition (2014) for the criteria shown on the referenced drawings.

If you have any questions regarding this letter, please call.

Pate Engineering, Inc.

Michael A
By: Hunter
Digitally signed by
Michael A Hunter
Date: 2016.12.19
09:19:10 -05'00'

Michael A. Hunter, P.E.
Florida P.E. No. 58068



This item has been electronically signed and sealed by Michael A. Hunter, PE on 12/19/2016 using a Digital Signature.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

AGREEMENT/CONTRACT REVIEW FORM		MEETING DATE
DO NOT PLACE ITEMS ON AN AGENDA UNTIL REVIEW IS COMPLETED		
DATE:	12/27/16	
Staff Member Preparing Form:	Karen Thomas for Chief Mock	
Department Submitting Contract:	Public Safety	
Vendor Name:	Motorola Solutions, Inc.	
Contract Title:	Third Amendment to 800 MHZ Public Safety Radio System Agreement	
SUMMARY (TO BE COMPLETED BY DEPARTMENT)		
1. New Contract	Y	N
2. Renewal/Amend./Supplement	Y	N
3. Sole Source ** (explain below)	Y**	N
4. Quotes/bid policy met	Y	N
5. Need to waive bid policy	Y	N
6. Automatic renewal	n/a	N
7. Standard Addendum Executed	Y	N
8. Advance Payment Required	Y	N
9. Contract Amount (*Detail negotiation efforts below) \$35,597.00 = non-CIP		
10. Last Year's Price (*If increase explain below) Original = 15,000,000.00		
11. Date of Original Contract Amend 1 = 0		
12. Number of Renewals Amend 2 = 337,516.89		
13. Length of Term Amend 3 = 35,597.00		
15,373,113.89		
Requested Action: Approval of Third Amendment		
Funding Source		
Account Number: 301-2223-546/00 = 12.50 m/v Surcharge Fund / Public Safety / Repairs & Maint.		
Account Name: 12.50 / Public Safety / Repairs & Maint.		

Approvals

Purchasing: <i>[Signature]</i>	No Changes: <input checked="" type="checkbox"/>	With Changes: <input type="checkbox"/>
Review Date: 12/28/16	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Recommended Changes: _____

Budget: <i>[Signature]</i>	No Changes: <input checked="" type="checkbox"/>	With Changes: <input type="checkbox"/>
Review Date: 12/28/16	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Finance: <i>[Signature]</i>	No Changes: <input checked="" type="checkbox"/>	With Changes: <input type="checkbox"/>
Review Date: 12/28/16	<input checked="" type="checkbox"/>	<input type="checkbox"/>

*Price Negotiation Efforts: _____

County Attorney: <i>[Signature]</i>	No Changes: <input checked="" type="checkbox"/>	With Changes: <input type="checkbox"/>
Review Date: Prepared by Legal (CG)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

** Sole Source Explanation: _____

**THIRD AMENDMENT TO
800 MHZ PUBLIC SAFETY RADIO SYSTEM AGREEMENT**

THIS THIRD AMENDMENT TO 800 MHZ PUBLIC SAFETY RADIO SYSTEM AGREEMENT (the Third Amendment) is made and entered into as of the 10th day of January, 2017, between Clay County, a political subdivision of the State of Florida (the County), by and through its Board of County Commissioners, and Motorola Solutions, Inc., a Delaware corporation (the Vendor).

Recitals

WHEREAS, the County and the Vendor (the Parties) have heretofore entered into that certain 800 MHz Public Safety Radio System Agreement dated as of the 1st day of April, 2016, and designated by the County as Agreement/Contract No. 2015/2016-85 (the Agreement); and,

WHEREAS, the Parties subsequently amended the Agreement by entering into that certain First Amendment to 800 MHz Public Safety Radio System Agreement dated as of the 9th day of August, 2016 (the First Amendment); and,

WHEREAS, the Parties subsequently amended the Agreement by entering into that certain Second Amendment to 800 MHz Public Safety Radio System Agreement dated as of the 13th day of September, 2016 (the Second Amendment); and,

WHEREAS, in the course of performing its duties under the Agreement, as amended under the First and Second Amendments, in particular while implementing the Second Amendment upgrades and modifications, the Vendor has determined that the Keystone Tower possesses structural damage that requires remediation prior to completion of the Second Amendment upgrades and modifications; and,

WHEREAS, as provided in Section 8.2 of the Agreement, the Parties desire to amend both the Agreement and the Statement of Work attached thereto as Exhibit A for the purpose of addressing the remediation of the Keystone Tower, as hereinafter provided.

W I T N E S S E T H

IN CONSIDERATION OF the foregoing Recitals, the mutual covenants and promises hereinafter set forth, and for other good and valuable consideration, the receipt of which are hereby acknowledged and objections to the adequacy and sufficiency of which are hereby waived, the parties agree as follows:

1. For purposes of this Instrument, the term Agreement means the Agreement as amended pursuant to the First and Second Amendments.

2. The Agreement is further amended as follows:
- a. The **Statement of Work** attached hereto as Exhibit A is hereby substituted in place of the Statement of Work attached to the Original Agreement and the Second Amendment as Exhibit A. Section 16 has been added to the Statement of Work to provide for the remediation to the Keystone Tower by Vendor.
 - b. **Article 4** is amended to revise section 4.3 to account for 30 additional days to complete the Project due to the remediation required to the Keystone Tower as follows:

4.3 Subject to the terms herein, the Vendor shall cause the Project to reach the Final System Acceptance Date within Four Hundred Fifty (450) calendar days following from the effective date of the Notice to Implement (the Project Completion Deadline)(to wit: November 2, 2017).
 - c. **Article 6** is amended to include a new 6.1.2 as follows:

6.1.2 THIRD AMENDMENT. The Contract Price shall be amended by the additional amount of \$35,597.00 to provide for the Keystone Tower remediation by Vendor as set forth in Section 16 of the Statement of Work.
 - d. The **Payment Schedule** attached to the Agreement as Exhibit E shall be amended to include:

“Amendment #3 Keystone Tower Remediation complete – \$35,597.00.”
 - e. Section 7.3 is amended to expressly include as part of the **System** the Keystone Tower remediation as follows:

7.3 SYSTEM DESCRIPTION. The System to be provided by the Vendor under this Agreement shall be composed, at a minimum, of the subsystems, features and capabilities delineated in the Statement of Work. The System expressly includes the Microwave System and all hardware and software associated therewith. Further, the System expressly includes the tower upgrades and modifications to the Long Bay Tower, Sleepy Hollow Tower and Keystone Tower as well as the additional remediation work on the Keystone Tower.
 - f. Section 7.8, **LIMITED WARRANTIES**, is amended to expressly include the Vendor’s warranties for the Keystone Tower remediation as follows:

7.8.21 KEYSTONE TOWER REMEDIATION WARRANTY. In

connection with the Keystone Tower remediation, in addition to the warranties set forth above and provided for in this section 7.8, the Vendor warrants that the work performed, including the engineering, labor and materials provided, under this Third Amendment, Section 16 of the Statement of Work, will be free from defects and will operate under normal use and service for two (2) years from the date of acceptance of the completed work as scheduled for this Third Amendment. During such warranty period, defective materials will be repaired or replaced free of charge by the Vendor, including labor and shipping. Vendor's warranty excludes defects in the original tower structure, foundations or acts of God.

3. In accordance with Section 16.6 of the Agreement, PERFORMANCE AND PAYMENT GUARANTY, the Vendor shall furnish to the County a Rider to Bond No. 285052903 for the additional sum of \$35,597.00, to secure the Vendor's guarantee to the County of the completion and performance of the Keystone Tower remediation as set forth in Section 16 of the Statement of Work and as contemplated under Section 16.6 of the Agreement.

4. Except as further amended herein, the Agreement remains in full force and effect in accordance with its terms.

5. This Third Amendment shall be deemed effective as of date first above-written.

[The remainder of this page is intentionally blank.]

IN WITNESS WHEREOF, each of the Parties has caused this Third Amendment to have been executed on its behalf as of the date and year first above-written.

County:

Clay County, a political subdivision of the
State of Florida, by and through its Board of
County Commissioners

By: _____
Wayne Bolla
Its Chairman

ATTEST FOR THE COUNTY:

S. C. Kopelousos
County Manager and Clerk of the
Board of County Commissioners

Vendor:

Motorola Solutions, Inc., a Delaware
corporation

By: _____
Marshall Wright
Its Strategic Project Team Vice
President and Director of Sales

Exhibit A
[Statement of Work]

Exhibit A

Statement of Work

Article 1. This document comprises the Statement of Work attached as Exhibit A to the 800 MHz Public Safety Radio System Agreement between the County and the Vendor (the Agreement).

Article 2. If a term used in this document is defined in the Agreement, it shall have the meaning attributed thereto in the Agreement unless the context clearly indicates a different meaning, or unless it is otherwise defined in this document. Throughout this document, certain terms are described and defined. In each such instance, each such term is set forth parenthetically adjacent to the text that describes and defines it, and as used in this document shall have the meaning so defined and described. Acronyms used in this document but not otherwise defined shall have the meanings accepted for the same in the public safety radio system industry. The use of the term "legacy" in this document refers to the Existing System, as defined in the Agreement.

Article 3. The Work to be performed by the Vendor under the Agreement, the System to be installed and delivered to the County, and the features and performance requirements of the System are described as follows:

Section 1. P25 Phases I and II Conformance

- A. The top priority for the System is to ensure reliable interoperability and compatible equipment to the extent possible through conformance with applicable P25/TIA/EIA-102 protocol service documents and requirements. All equipment provided shall meet or exceed current standards of the Electronic Industries Alliance (EIA) and the Telecommunications Industry Association (TIA), and the rules and regulations of the Federal Communications Commission (FCC). All equipment shall be type accepted by the FCC. To this end, the System equipment must comply with the following:
 - (i) Common Air Interface – (CAI) (TIA/EIA-102.BAAA).
 - (ii) Inter-RF-Subsystem and Console Subsystem (ISSI/CSSI) Interface Suite of Wireline Standards (TIA/EIA-102.BACA-A).
 - (iii) Conventional Fixed Station Interface (FSI) (TIA/EIA-102.BAHA).
- B. With regard to each item of the System equipment, the Vendor shall provide the following in relation to each document identified in subsection A of this section:
 - (i) Confirmation of conformance and ship date.
 - (ii) Identification of specific TIA/EIA-102 Document and Addendums, together with any applicable revision dates.
 - (iii) A description of any exceptions.

- C. Compliance with the requirements of this section should be achieved by the Vendor's use of the Compliance Assessment Program set forth in the Department of Homeland Security Science and Technology Directorate, Project 25 Compliance Assessment. If that is not possible, the Vendor must conduct testing of a multiple manufacturer environment during staging tests or provide a list of the compliance assessment tests they have conducted, including interoperability tests, along with the actual Supplier's Declaration of Compliance (SDOC). It is mandatory that the System be compliant with P25 Phase II trunked infrastructure standards.

Section 2. Base Station Repeaters and Controllers

The System shall be designed around P25 digital base station repeaters with the following minimal specifications:

- A. Mounted on 19" open equipment racks.
- B. 100 watt minimum nominal power output, continuous duty.
- C. Frequency range of 763 to 862 MHz, covering all public safety 700 MHz and 800 MHz bands.
- D. Metering included for all critical parameters for alignment and adjustment.
- E. Primary power source to be 120VAC with battery backup capability.
- F. Separate antenna connectors for transmit and receive, 50 Ohm output impedance.
- G. Redundant site controllers with auto failover.
- H. All solid state and FCC type accepted.
- I. Alarmable Power Sensors.
- J. Local and remote programming ability.

Section 3. Voting Comparator and Audio/Data Distribution Equipment

Because of the countywide use of simulcast, receiver voting is a requirement. The Vendor shall provide a means of selecting the best quality received signal from each of the trunking sites. The voting comparator shall serve as the system-wide collector, voter and distributor of voice signals for its associated RF channels. The comparator shall produce the best quality audio signal from the multiple signal sources and provide the means to deliver it to the dispatch center and to all of the simulcast transmitter sites. For digital voice operation, the comparator shall incorporate frame diversity to utilize the best data frames of all of the inputs to construct the optimum output signal.

Section 4. Installation and Cutover/Site Upgrades and Additions

- A. As part of turnkey solution for the System, the Vendor will be responsible for complete installation of the new trunking system and for interfacing to all internal and external resources, including the County's new microwave network.
- B. The System must be installed and integrated seamlessly while the Existing System continues to provide uninterrupted service to emergency responders. This

will require the installation of new digital equipment into the existing shelter spaces while existing analog equipment remains in service. The Vendor must conduct a detailed survey of all existing sites for available space and submit a plan of action to be approved by the County to accomplish the transition. Some existing shelters have ample room for new equipment, but others will be very tight such as at the Fairgrounds site. It is anticipated that the power consumption of the new P25 infrastructure equipment will be comparable to the power consumption of the legacy infrastructure equipment. However, it is likely that a large number of components of the P25 and the legacy systems will require full power simultaneously throughout cutover. The County's Fixed Network Equipment sites have sufficient electrical capacity to power all equipment during the transition but may lack the number of circuits to supply both systems simultaneously.

- C. **Electrical.** As part of turnkey solution for the System, the Vendor shall assess the electrical resources available at each site for suitability and, if needed, upgrade the electrical systems to accommodate the new System at no additional cost. The County will allow the use of certain circuits to power multiple components on a temporary basis only to facilitate implementation of the new System.
- D. **Equipment Racks.** The Vendor shall provide racks of metallic construction (aluminum or steel) and of sufficient strength that the equipment will be securely supported and of shape and form which will provide for proper cooling. All equipment racks shall be securely anchored to the floor and bonded to the existing equipment shelter ground system. Cable routing shall use existing racks where available.
- E. **GPS Frequency Standard.** The Vendor shall replace all legacy frequency standards at each site. The Vendor shall install new frequency standards and associated antennas, and connect all new and existing site equipment requiring synchronization to the new frequency standards.
- F. **Dispatch Consoles.** As part of turnkey solution for the System, the Vendor will be responsible for complete installation of new dispatch consoles at the locations and in the quantities specified in the following table:

Location	Quantity
Clay County Sheriff's Office 901 North Orange Avenue Green Cove Springs, FL 32043	7 dispatch consoles
Clay County Fire Rescue 2519 State Road 16 West Green Cove Springs, FL 32043	5 dispatch consoles

Orange Park Police Department 2025 Smith Street Orange Park, FL 32073	2 dispatch consoles
Green Cove Springs Police Department 1001 Idlewild Avenue Green Cove Springs, FL 32043	2 dispatch consoles

- G. **Antenna Systems.** The Vendor shall install new antennas and related equipment that will provide the County with the radio coverage required by the acceptance test procedures. If additional sites will be required, the Vendor will select, procure and install all needed equipment at each site including antennas. The Vendor shall comply with all FCC and Region 9 requirements and all County licenses.
- H. **Transmission Lines/Combiners/Multicouplers/TTAs.** The Vendor shall install new transmission lines for all sites. The new combiners must be capable of full 700 MHz and 800 MHz coverage, and must each be capable of at least twelve (12) transmitter inputs. All new multicoupler/tower-top amplifier systems shall be equipped with pre-selector filters, tower-top amplifier, variable attenuators, and on the ground test ports for VSWR testing in the shelter, and be of sufficient capacity to support all legacy and replacement receivers plus six (6) spare ports. Super flexible 1/4" or 1/2" coaxial cable shall be utilized for interconnecting transmitters, combiners, receivers, multi-couplers, and antenna system transmission lines. Standard-type connectors suitable for the 700/800 MHz band with Teflon insulation and gold- or silver-plated mating surfaces shall be used throughout the RF system. All new surge suppressors shall support the 700/800 MHz bands and surge protectors shall be installed at the port where cables enter the shelter.
- I. **County Responsibilities.** The County shall have the following responsibilities:
- (i) Assume the usage costs of power, leased lines, and generator fueling during the construction/installation effort and on an ongoing basis.
 - (ii) Provide personnel to observe construction progress and testing of site equipment according to the schedule provided by Motorola.
 - (iii) As applicable (based on local jurisdictional authority), be responsible for any installation or upgrades of the electrical system in order to comply with NFPA 70, Article 708, but only with respect to tower sites in existence on the Effective Date, and not with respect to any radio towers added by the Vendor under subsection 3.5.1 of the Agreement.
 - (iv) Provide a right of entry letter from the site owner for Motorola to conduct field investigations.
 - (v) Provide structural and foundation drawings of the antenna support structure if available.

- (vi) Provide access to the existing support facilities for the antenna cables (cable ladder, entry ports, waveguide bridge) from the antenna to the equipment room.
- (vii) Pay for any upgrade of the antenna support structure necessary to accommodate the new antennas, if required; provided, this provision shall not apply to any required increase in tower height.
- (viii) Provide space, HVAC, backup power (ups, generator), grounding, surge suppression, electrical outlets, lighting, fire suppression and cabling facilities for the equipment room per Motorola's R56 specifications, consistent with the site conditions in existence during the site inspection conducted on January 23, 2015, as depicted in the floor plans and schematics provided to the Vendor as of said date. Ceiling and cable tray heights in the equipment rooms should be such as to accommodate 7-foot equipment racks, and the ceiling should be 8 feet or greater.

Section 5. Grounding, Bonding and Lightning Protection

- A. The Vendor shall inspect the grounding systems at all facilities and provide a written report delineating any deficiencies and identifying the required corrective action. The written report shall be submitted to the County at least forty five (45) calendar days prior to the installation of new equipment. The County will consider the deficiencies and make disposition in a timely manner. The County may elect to correct the noted deficiencies or have the deficiencies corrected by the Vendor at additional cost.
- B. The Vendor shall furnish and install all grounding and bonding conductors and make connections to existing facilities. The conductors shall be Number 6 American Wire Gauge (AWG) copper wire or larger. The Vendor shall provide all grounding and lightning protection equipment, including surge arresters, to comply with the requirements of this section for all equipment installed as part of the Project. Bonding conductors shall be used to bond the various pieces of equipment, conduit, trays, etc., together.
- C. The Vendor shall perform a four-wire soil resistivity test and cause appropriate electrodes to be installed to meet the ground resistance requirement of less than 10 Ohms. The Vendor shall perform a ground resistance test after ground rods and lines are installed to demonstrate compliance with this requirement. The ground resistance readings shall be recorded and provided to the County by the Vendor prior to site acceptance. A single point ground system shall be used by the Vendor, whenever possible and approved by the County, on all equipment installed as part of the Project. The single point ground system installed within equipment shelters or buildings shall be connected to the exterior building/tower ground system. The grounding system installation shall be in accordance with the guidelines outlined in subsection D.

- D. The Vendor shall ensure that all equipment is installed, electrically bonded, grounded, and protected in accordance with the latest editions of:
- (i) NFPA 37, Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines.
 - (ii) NFPA 70, National Electrical Code.
 - (iii) NFPA 72, National Fire Alarm Code.
 - (iv) NFPA 110, Standard for Emergency and Standby Power Systems.
 - (v) NFPA 111, Standard on Stored Electrical Energy Emergency and Standby Power Systems.
 - (vi) NFPA 1221, Standard for the installation, Maintenance and Use of Emergency Services Communications Systems.
- E. The Vendor shall ensure that all equipment is installed and tested in accordance with the following requirements:
- (i) Each single row of equipment shall have a separate ground bus consisting of an AWG #2 or larger solid or stranded copper conductor. Each bus shall be connected to the single point ground window.
 - (ii) A single cabinet, rack, or enclosure and any associated transmission line or circuit protection devices shall have a ground conductor bonding all components to a single point ground near the equipment installation.
 - (iii) The antenna support structure/tower must be bonded to the external ground system using an exothermic weld, if permitted by the tower manufacturer.
 - (iv) All ground conductors that compose the external ground system shall be connected using exothermic welding.
 - (v) Transmission lines shall be grounded with properly sized ground kits and connected to the tower and entry bus.
 - (vi) The external ground system shall be tested for soil impedance in accordance with MILHDBK- 419A and shall provide a ground resistance of 10 Ohms or less.
- F. The Vendor shall provide new lightning surge protection for all metallic cables interfacing with equipment outside the site or facility. This includes alternating current (AC) power, RF cabling to the towers, telephone lines, and other equipment interfaces. All cables in cable trays shall be secured at intervals of no more than thirty-six (36) inches. Cables shall be supported for all runs in excess of twenty-four (24) inches. The Vendor shall provide a cable tray system at each site as may be required and/or as the Vendor proposes new or replacement trays. The Vendor shall install surge protection devices for all RF cabling and wiring associated with the System and Project.
- G. The Vendor shall identify surge protection deficiencies at existing facilities, if any exist, and recommend changes to the County. In the event that the County does not choose to improve any noted surge protection deficiencies, the Vendor shall

take appropriate steps to protect the new equipment associated with the System and Project, including the inclusion of surge arresters in interfaces between equipment. All coaxial transmission lines to external antennas shall be protected using suitable flange mount (or bulkhead mount, where necessary) surge protectors equivalent to the PolyPhaser IS-50-NX-CI. Telephone lines shall be protected using gas tube protectors that comply with Telcordia GR-1361 specifications.

Section 6. New Microwave Network/Expansion

- A. The Vendor must install the new Microwave System and all of its components. The Vendor must also connect any new sites into the System with privately-owned microwave hops in the 6 GHz band. Any potential new site must also be evaluated on the basis of microwave connectivity to the next two closest sites, in a manner that will preserve the primary ring network currently in use in the Existing System. All new microwave hops should be fully compatible with the new Microwave System. It will be necessary for the Vendor to maintain a relationship with Alcatel-Lucent throughout the design, implementation and cutover phases. The Vendor must coordinate space for two microwave dishes on each existing tower and negotiate space on any new tower (if required), and space for microwave equipment in each existing shelter and any new shelter (if required) as needed to create the new network connections. The Vendor must also coordinate space on existing towers for the additional microwave dishes, and space in existing shelters for the additional equipment if necessary. If any new sites are integrated into the microwave loops, there may be no net increase in dishes or equipment at the existing sites, except for possible temporary duplication while the path is being re-aligned.
- B. The Vendor must create a detailed design for integration of new tower sites, if any, into the new Microwave System, including changes to existing hops to accommodate new sites inserted into the loops. A cutover plan approved by the County must be created to bring the new sites on-line without any interruptions of service. Temporary loss of redundant paths may be necessary, but the Vendor must provide details, if that is the case. The Vendor will be responsible for the licensing of any new microwave frequencies.

Section 7. Training

- A. The Vendor is responsible for all training described in this section.
- B. Training shall include a pre-installation session to identify all the System features to be programmed by the Vendor as well as maintenance training after installation and acceptance. The Vendor shall provide familiarization/maintenance training for all technical personnel during the equipment provisioning and installation phases of the Project. This training will ensure familiarization with the System of Project leaders and maintenance personnel from the County's staff.

- C. Training must be provided in the following manner:
- (i) Instructor led classes for the County's technical staff and trainers for the train the trainer program.
 - (ii) Access to updated web based training materials throughout the life of the System.
 - (iii) Support materials to provide in house training
- D. On-site training seminars shall be provided and shall include complete training, beginning with basic theory through comprehensive coverage of the operation and maintenance of the equipment supplied under the Agreement. The Vendor shall supply highly skilled instructing personnel (with extensive training and experience on the equipment supplied under the Agreement) and all necessary instructional materials. All manuals, schematics, and other printed materials shall become the property of the attendees.
- E. The training seminars shall include but not be limited to the following:
- (i) Distribution of training literature.
 - (ii) A presentation of the general communications equipment/system theory, configuration, and features.
 - (iii) A description of routine communications procedures, features, and functions with demonstrations and hands-on participation.
 - (iv) Training for maintenance and troubleshooting of all equipment provided.
 - (v) Field optimization, maintenance, and repair.
 - (vi) Instructions for depot level maintenance of equipment, circuit boards, modules, assemblies, etc.
 - (vii) Troubleshooting to the appropriate level, utilizing the County's test equipment provided by the Vendor as part of the procurement of the System.
 - (viii) Specific training on the simulcast system optimization equipment and procedures.
- F. Initial training must be scheduled to take place within two (2) weeks of initial deployment of the new equipment so that the personnel will retain the knowledge obtained. At the conclusion of the overall training program, there must be a performance based test to validate the effectiveness of the training. In addition, the Vendor must develop and provide a web-based training plan to facilitate ongoing re-training of County personnel as deemed necessary by the County. The Vendor shall submit training personnel resumes, a list of training classes, and references for prior customers who have been trained by the Vendor's training personnel. The County shall interview the Vendor's training team and shall mutually agree on the training package and the qualifications of the training personnel prior to the development and execution of the customized County training program. The Vendor shall provide additional information on all

applicable training classes for management, emergency responder and maintenance staff available at the Vendor's manufacturing facilities where appropriate.

- G. **Radio System Operational Training.** The Vendor shall provide on-site, customized System operational training for up to forty (40) members of the County's staff. Training shall include System orientation and familiarization that includes discussion and equipment demonstration. The Vendor shall provide a training schedule that correlates to the implementation schedule. The Vendor's highly skilled personnel, familiar with the same equipment as that being implemented, shall conduct the training. This training shall be designed for administrators, agency coordinators, and system managers that require a solid, high-level understanding of the System and all supporting infrastructure. The Vendor shall provide one (1) set of manuals per student plus an additional five (5) sets of manuals. All manuals shall be provided in an electronic version such as *.PDF format. Five (5) CD-ROM/DVD copies shall be supplied; provided, the County may in its sole discretion agree that such copies may be supplied in a different format. The Vendor's program shall include training in orientation, management, and operation of all equipment provided with the new System, and must address the following items:
- (i) Overview of the System, including:
 - 1. Basic operation of System, System components and responder equipment.
 - 2. Basic use of the portable and mobile radios.
 - (ii) Use of the System.
 - (iii) Use of diagnostic tools for the System.
 - (iv) Fleet mapping for the System.
 - (v) Database management and network administration for the System.
 - (vi) Use of the System's network control and management system/alarm monitoring.
 - (vii) Familiarization and orientation with the System's communication facilities.
 - (viii) System reporting and utilization analysis.
 - (ix) Interoperability of the System, including:
 - 1. Implementing interoperability functionality.
 - 2. Implementing interoperability functionality of the radio console.
- H. The training described in subsection G shall be designed so that, upon completion, a County technical staff member will be qualified to comprehend with respect to the System radio system management, the network and fallback design, and will be able to competently perform System diagnostics and operate the mobile and/or portable units. Instruction material must be included as a part of each course and shall become the property of the County.

- I. **Radio System Management Training.** The Vendor shall provide on-site System management training for up to five (5) members of the County's technical staff. Training shall include System orientation and familiarization that includes discussion and equipment demonstration. Ongoing training opportunities for new or updated components via internet or CD-based self-paced programs developed by the Vendor are also encouraged by the County. The Vendor shall provide on-site training in orientation, management, operation, and maintenance of all System management subsystems and associated network elements. The training shall include education on the theory of operation and practical administration and maintenance procedures for the entire System infrastructure and all systems and subsystems contained therein.
- J. With regard to training described in subsection I, the Vendor shall conduct comprehensive classroom operator training for the communications management personnel operating and administering the new System. This training shall be conducted in a classroom environment, using training aids, and a comprehensive model of the entire System. Training aids such as videos, System diagrams, training manuals showing working functionality, and a qualified instructor shall be available for these classes. There shall be handouts available for all attendees. Each student shall receive a customized system management training manual. In addition to the system management training manual, an electronic version such as *.PDF shall be provided. Twelve (12) hard copies and twelve (12) CD-ROM/DVD copies shall be supplied. The Vendor shall provide, in addition to the customized training plan and handout material, twelve (12) video DVD copies that will instruct a technical staff member on the operational functions and features of the radio System and the mobile and/or portable fleet. The course content shall include the following, at a minimum, for all network subsystems:
- (i) As-Built documentation structure, numbering system, and configuration control system.
 - (ii) Block diagram and System description.
 - (iii) System and radio programming and fleet mapping.
 - (iv) Use of software applications.
 - (v) Logging recorder configuration and management.
 - (vi) Database development, optimization, and management.
 - (vii) Client level maintenance.
- K. **Emergency Responder Training – Train the Trainer.** The Vendor shall develop and conduct training classes for County personnel to familiarize them with all the features and functionality of the new console system. The Vendor shall provide on-site, "Train the Trainer" type courses for the following categories of equipment if provided:
- (i) Radio consoles.
 - (ii) Mobile radios.
 - (iii) Portable radios.

- (iv) Alternative support systems and specialized equipment (if utilized)
- L. The training described in subsection K shall include System orientation and familiarization that includes theory of operation discussion and equipment demonstration. The training shall be designed so that, upon completion, each student will be qualified to train System emergency responders on the customized County operation of the specific equipment. For example, the student shall be qualified to train County first-responders and general government users on the operation of all provided mobiles and portables. The Vendor shall customize all "Train the Trainer" courses as reasonably required by the County in conjunction with the specific programming and configuration parameters utilized by the County. Training shall also include programming and installation of the mobile and portable equipment.
- M. With regard to training described in subsections K and L, the Vendor shall provide training for up to four (4) classes of thirty-five (35) students per class. The Vendor's highly skilled personnel shall conduct the training. Instructional material shall be included as parts of each course and will become the property of the County. These courses shall include the following topics:
 - (i) Implementing all features and functions of the radio.
 - (ii) Basic use of the portable and mobile radios.
 - (iii) Implementing interoperability functionality.
- N. Training aids such as videos, system diagrams, training manuals showing working functionality and a qualified instructor shall be available for the classes described in subsection M. The Vendor shall provide appropriate handouts for all attendees. The Vendor shall provide to each student a personal "Trainer's Guide" training manual. In addition to the "Trainer's Guide" training manual, the Vendor shall provide an electronic version such as *.PDF (Portable Document Format) readable with the Adobe Acrobat Reader software. The Vendor shall provide, in addition to the training plan, and handout material, five (5) video DVD copies that will instruct an emergency responder on the operational functions and features of all provided System mobile and portable radios; provided, the County may in its sole discretion agree that such copies may be supplied in a different format.
- O. **On-Site Radio Usage Training.** The County shall provide most of the on-site radio usage training through instructors trained under the Train the Trainer program described in subsections K through M. The Vendor will provide technical support through qualified personnel on site during periods of equipment rollout to ensure that all responders and other authorized radio users walk out the door confident in the use of the radios and the System. Such support will not be a training class, but rather a technical resource to answer specific questions and concerns that may arise upon rollout. The County trainers shall be responsible for taking the lead on initial and continued field training.

- P. **Ongoing Training.** In addition to the training provided in this section, the Vendor must develop and provide a web-based training plan to facilitate ongoing re-training of County personnel as deemed reasonably necessary by the County.

Section 8. NCMS Terminals

- A. The Vendor shall install six (6) NCMS terminals. The terminals shall consist of a keyboard, processor, software, 21 inch LCD or LED color display, all necessary interconnect cabling, and 120 VAC operation. The Vendor shall also provide two (2) color network printers. The master terminal and two others shall be installed at the master site, along with a network printer. Two other terminals and a printer shall be installed in the offices at the System maintenance facility. The final terminal shall be installed along with the redundant System control point.
- B. Each NCMS terminal installed under subsection A shall allow an operator at the terminal to perform at least the following typical tasks:
- (i) Inquire about the status of alarms.
 - (ii) Inquire and make changes to the priority level of assignments of any and all units in the System, such assignments to include those made on an individual basis, by user group, or both.
 - (iii) Inquire about dispatch call loading information. The NCMS terminal shall display the real time activity of the System controller and shall include, at a minimum, the following information:
 - 1. System configuration and management.
 - 2. System alarms.
 - 3. Specific working channels in current use.
 - 4. Specific working channels available for use.
 - 5. Specific channel being used as trunking control/signaling channel.
 - 6. Working channels removed from operation by the NCMS.

Section 9. System Database

- A. The System management function shall be capable of partitioning the database such that different managers have access to and control over the units and groups for which they have been authorized. The System must have messages that include caller ID, start of call, end of call, call transmitter location, transmitter outage, etc. The System must include equipment that causes all of these messages to be recorded, maintained and stored in a database (the Message Database) with three (3) years system message capacity information. The equipment associated with the Message Database must include a ready and reliable means for efficiently searching and retrieving the stored messages.
- B. The System must include equipment that creates, manages and maintains a database that simultaneously records, stores and updates System user profiles,

such as user group access, priority levels, dynamic regrouping plans, authorization codes, call statistics, traffic recordings for each radio, talk group, fleet map and agency, etc. (the System Database). The equipment associated with the System Database must include a ready and reliable means for efficiently searching and retrieving the stored information therein.

- C. The equipment that creates, manages and maintains the System Database must be configured so that whenever a field unit is turned on and the unit is within RF coverage range of the System, the unit's discrete address and user group selection is recorded into the System Database. The configuration of the System Database must permit user defined sorting of calls by units, groups, time of day, duration of call, channel, site, and priority. The System Database must be configured so as to continuously record and back up the data it receives in real time. The backup of the System Database must be configured to function as a "fault tolerant" database that is automatically kept current. The System Database must be configured such that, if a failure occurs with the primary System Database; the backup System Database shall automatically be activated for System access with no drop in service. The System Database must have sufficient capacity to store all System profiles, as well as the capacity to store a minimum of one (1) month of System activity for report generation. The System Database must be configured such that every twenty-four (24) hours it is automatically backed up and stored on devices external to the trunked control system, such as a hard drive or a LAN.
- D. The System manager workstation shall include a primary and redundant online data logger with sufficient memory to store one (1) week of data from the trunked System under maximum System loading. The redundant, real-time data logger shall be configured to automatically go "online" in the event the primary data logger fails. The Vendor shall provide a means of transferring and recalling this data to and from off-line, quasi-permanent storage media (the Storage Media). The County intends to retain the Storage Media for a period of ninety (90) days, and the System must be equipped and configured to accomplish this.

Section 10. System Diagnostics

- A. The Vendor shall provide and install sufficient hardware and software to monitor and test the trunked radio system (the Diagnostic System). The Vendor shall cause the Diagnostic System to be configured so that it continuously tests all RF repeater stations, site controllers, and other critical hardware and software functions. Should any abnormalities be found during a test sequence, the Diagnostic System must cause the abnormality to be logged.
- B. Typical alarms to be displayed by the NMCS from the Diagnostic System shall include, but not be limited to the following:
 - (i) Radio equipment alarms from the P25 repeaters and controllers.
 - (ii) Power system alarms including UPS, batteries, generators, etc.

- (iii) Microwave system alarms and dehydrator alarms.
 - (iv) Site alarms like entry, temperature, smoke, HVAC failure.
- C. At a minimum, the information logged by the Diagnostic System as required under subsection A shall include the type of problem encountered, the date and time, and the channel(s) or equipment where the problem occurred. Additionally, the Diagnostic System shall activate audible and visible alarms to notify the System supervisor of the problem. If a failure results in a loss of transmitter power or high VSWR on a repeater station, combiner, or antenna system, the System controller must be configured so that it automatically removes the affected repeater station from the System until such time that the fault is corrected. If interference is received on a radio channel, the System controller must be configured so that it automatically removes that channel and associated receivers from the system until such time that the fault is corrected. When a repeater station or a radio channel is removed from service, the Diagnostic System must be configured so that it sends an immediate alarm to the System supervisor. The NCMS alarming subsystem shall be capable of expansion with additional alarms in the future as needed by the County.

Section 11. Mobile and Portable Equipment

- A. All mobile and/or portable equipment supplied by the Vendor shall have been independently tested for compliance to the published MILSTD 810 C, D, E, and F standards for temperature, shock, humidity, vibration, salt, fog, dust, blowing rain and, where appropriate, water submersion. The Vendor shall provide authenticated inspection and factory test documentation for all equipment supplied, showing that the equipment meets the specifications. All mobile and portable accessories must be standardized to the greatest extent possible to simplify maintenance and reduce spare parts inventories. All mobile and portables shall be capable of performing all functions and features of the System. All mobile and portable equipment must be capable of operating in the 700 MHz and 800 MHz bands.
- B. **Mobile Installations.**
 - (i) The Vendor shall install all mobile radio equipment for the System in accordance with the requirements of this subsection B.
 - (ii) The Vendor shall cause all mobile equipment installations to take place within the County. The Vendor shall perform a sample installation of mobile equipment on each of the various types of vehicles in which mobile equipment will be operated. The sample installations shall be modified as necessary and approved by the County before additional mobile equipment is installed. All mobile radio installations shall include an optional power-down timer switch that turns the radio off after a selectable time limit. Time shall be variable between 30 minutes to three

hours. The timer shall be reset when the vehicle ignition switch is activated.

- (iii) The Vendor shall coordinate with the County to establish a work area and other necessary facilities for mobile equipment installations, vehicle availability, and a detailed schedule. Both positive and negative high-current power cables shall be run directly to the vehicle battery or power distribution point to ensure a noise-free installation. Installation of mobile equipment shall minimize the exposure to and possibility of damage due to abuse, vandalism, and theft. Theft-resistant fasteners and mountings shall be used when necessary. Cables shall be run in hidden and protected spaces to the degree possible. New microphone holders in vehicles shall be located in a position convenient to the driver; exact locations shall be coordinated with Clay County for each type of vehicle.
- (iv) The Vendor will remove all existing legacy radios, wiring harnesses, speakers, and other mounting accessories and replace them with the new components. As part of the mobile installation, the Vendor shall reconnect all existing subordinate systems in the vehicles, such as communication systems for headsets. For any motorcycle operations, the Vendor will include a "quick-disconnect" interface for the officer to disconnect from the standard motorcycle radio and the ability to plug in directly into his/her portable radio without the need to remove his/her motorcycle safety helmet. This will ensure that the officer will always remain in radio contact during the officer's time away from the motorcycle without the need to remove the helmet for radio communications. Mobile antennas and antenna cables shall be installed on all types of County vehicles. Installations shall be in accordance with the mobile radio installation plans schedule, as proposed by the Vendor and approved by the County. The Vendor shall exercise care to ensure compliance with the manufacturer's installation instructions as previously noted.
- (v) Each mobile radio and the installation thereof must include the following:
 - 1. 3db gain operational across the entire 763-862 MHz frequency range per current FCC requirements.
 - 2. NMO style base with 17' of Teflex coax or its equivalent.
 - 3. All required mounting hardware, accessories, and appropriate coax connector.

C. **Portable Radios.** All portable radios provided by the Vendor for the System shall be equipped with a top display, desktop-style battery charger and/or in-vehicle charger, a spare battery of the same type and duty cycle rating as the primary battery provided with the radio, and a standard belt clip. All portable radios shall be equipped standard with a ½ wavelength whip style antenna and be

operational across the entire 763-862 MHz frequency range per current FCC requirements. Portable radios shall be capable of operation in the following modes:

- (i) P25 12.5 kHz FDMA trunked mode;
- (ii) 12.5 kHz TDMA trunked mode;
- (iii) P25 12.5 kHz FDMA conventional mode; and,
- (iv) 12.5 kHz analog FM mode in the 700/800 MHz public safety band.

Section 12. System Performance Standards. The System Performance Standards contemplated in the Agreement are the requirements for the System set forth in this section.

- A. The coverage reliability requirement for the System applies to both the area coverage reliability and the in-building coverage reliability. The area coverage reliability requirement is such that the System must meet the DAQ 3.4 performance requirement for portable radios worn at hip level in 97% of the entire area located within territorial boundaries of the County (the Service Area). **This means that the System must perform so that 97% of the Service Area shall exhibit the specified coverage resulting in a DAQ 3.4.** The in-building coverage reliability requirement is such that the System must meet the DAQ 3.4 performance requirement for portable radios worn at hip level in 100% of the buildings identified in Appendix H of the RFP. **This means that the System must perform so that 100% of said buildings shall exhibit the specified coverage resulting in a DAQ 3.4.**
- B. **Portable Radio Coverage.** The Vendor shall design and operate the System to achieve portable radio coverage on-street with the portable radio and antenna worn at hip level (1m AGL) throughout the Service Area. The Vendor's System design and coverage acceptance testing configuration shall be conducted with the radio and antenna at hip level using a microphone without a microphone antenna. Because of the variety of methods for hip mounting and portable carrying cases, the System must be designed based on a swivel case on the hip, consistent with the 88.1-D TSB-88.1-D recommendation for the "worst case" carrying device. The example below is based on a portable in a swivel case with a ¼ wave antenna per TSB-88.1-D and was clarified that it was just an example.

		Running Total
Reference Sensitivity	-119 dBm	-119 dBm
Static C/N	-7.6 dB	-126.6 dBm
Faded C/N for DAQ 3.4	17.7 dB	-108.9 dBm
Swivel Clip Carrying Case	15.4 dB	-94 dBm
Building Attenuation	12 dB	-82 dBm

Motorola's design is based on a portable in a swivel case at hip level with a ½ wave flex antenna which was detailed in the proposal response. The street level for the acceptance test plan is as noted in the table below -99.4 dbm.

		Running Total
Reference Sensitivity	-118.5 dBm	-118.5 dBm
Static C/N	-6.5 dB	-125.0 dBm
Faded C/N for DAQ 3.4	17.0 dB	-108.0 dBm
Swivel Clip Carrying Case	8.6 dB	-99.4 dBm

- C. The System Performance Standards include all requirements for the System set forth in Section 6 of the RFP to the extent not addressed in subsections A and B.
- D. Compliance with these System Performance Standards will be established by the Vendor successfully completing the tests set forth in the Acceptance Test Plan (Exhibit B).

Section 13. Single Point Failure Modes/Equipment Redundancy

- A. The Vendor shall design the System so as to prevent a loss of trunked communications due to any single point failure within the System. The Vendor shall define all single point failure modes that will cause the System to be degraded into modes of Catastrophic Failure, as that term is defined in the Acceptance Test Plan attached to the Agreement as Exhibit B, or an operational mode that degrades System functionality. If System modifications must be made to prevent these failures, the Vendor shall make such modifications at no cost to Clay County. During the Acceptance Testing phase, if the County can remove a single module or disconnect a single cable that causes such a Catastrophic Failure, the System shall not be accepted until the Vendor corrects the failed configuration. Any subsystems shall be considered in this evaluation. Redundancy shall be employed for all System elements whose failure would result in such a Catastrophic Failure of the System, or constitute a single point of failure of the entire System. As necessary, a suggested list follows:
 - (i) System Controllers.
 - (ii) The fixed end control equipment for the System will be located at the Clay County Sheriff's Office and Clay County Fire Rescue as provided in Section 4.F.
 - (iii) The geo-redundant prime sites for the System shall be at the locations described in paragraph (ii) above.
 - (iv) The System controllers, any radio frequency gateway devices, and other computer-based fixed end equipment shall be fully redundant and automatically protected against failure using either hot-standby switch-over or a fault-tolerant, multi-processor architecture.
 - (v) The System controller shall maintain 100 percent functionality in the event of the failure of one of its redundant elements.

- B. The System must feature fault tolerant design to ensure that the performance and capacity of the controllers are not reduced by more than ten (10) percent during the failure of any single processor.

Section 14. Project Schedule and Timetable

- A. Upon the County's approval, the Vendor shall prepare and submit a schedule for the Project (the Project Schedule) and Gantt chart (the Gantt Chart) including, at a minimum, the following tasks:
 - (i) Completion of System design review.
 - (ii) Training of the technicians responsible for System maintenance.
 - (iii) System staging completed.
 - (iv) Completion of infrastructure installations at end locations.
 - (v) Infrastructure acceptance testing successfully completed.
 - (vi) Coverage testing successfully completed.
 - (vii) Test documentation submitted to the County.
 - (viii) Initial portable and mobile fleet of non-public safety user training and portable and mobile installation completed.
 - (ix) 60-day operational test successfully completed.
 - (x) System infrastructure accepted and applicable warranty periods begin.
 - (xi) Completion of transitioning the remaining County agencies to the System.
 - (xii) Project completion.
- B. The Project Schedule shall clearly identify tasks to be performed by both the County and the Vendor. The Project timeline as reflected in the Project Schedule and the Gantt Chart shall include important milestones and logical breakpoints by which the County and the Vendor shall assess the progress to date, and prepare for the remaining project tasks.

Section 15. Tower Upgrade and Modification

- A. For purposes of this section, the following terms shall have the meanings attributed thereto unless the context clearly indicates a different meaning:
 - (i) "Keystone Tower Plans" means the 13 page document entitled "Modification to Existing 480'± Guyed Tower Keystone Site for Motorola Solutions" prepared by Pate Engineering, Inc., of Tampa, Florida, signed and sealed on August 24, 2016, and bearing Job Number 16-141B, a copy of which is attached to this Statement of Work as Addendum No. 1.
 - (ii) "Sleepy Hollow Tower Plans" means the 10 page document entitled "Modification to Existing 480'± Guyed Tower Sleepy Hollow Site for Motorola Solutions" prepared by Pate Engineering, Inc., of Tampa, Florida, signed and sealed on August 24, 2016, and bearing Job Number

16-141A, a copy of which is attached to this Statement of Work as Addendum No. 2.

- (iii) “Nudd Report” means the 83 page document regarding the Long Bay Tower located at N 30.0952875, W 81.8596902, entitled “Structural Analysis of Existing 480 ft Guyed Tower Considering Various Configurations of Existing and Proposed Wireless Equipment”, including the several documents attached thereto, prepared by Fred A. Nudd Corporation of Ontario, New York, signed and sealed on June 13, 2016, and bearing Job Number 116-21012 and providing that the upgrading of the Long Bay Tower consists of the following: (i) Replace guy wire at 210 ft with new 9/16” diameter EHS wires tensioned to 10% of their ultimate breaking strength and (ii) Replace guy wire at 470 ft with new 9/16” diameter EHS wires tensioned to 10% of their ultimate breaking strength. The Nudd Report is incorporated by reference herein.
 - (iv) “Tower Upgrade and Modification Projects” means the upgrade and modification of the Keystone Tower in accordance with the Keystone Tower Plans, the upgrade and modification of the Sleepy Hollow Tower in accordance with the Sleepy Hollow Tower Plans, and the upgrade of the Long Bay Tower in accordance with the Nudd Report.
- B. The Vendor shall undertake and complete the Tower Upgrade and Modification Projects and shall do so in accordance with the terms set forth in Vendor’s August 16, 2016 proposals for such work.
- C. The Project Schedule and the Gantt Chart, provided for in Section 14 above, shall include the Tower Upgrade and Modification Projects.

Section 16. Keystone Tower Remediation

- A. For purposes of this section, the following terms shall have the meanings attributed thereto unless the context clearly indicates a different meaning:
- (i) “Keystone Tower Remediation Plans” means the 14 page document entitled “Modification to Existing 480’± Guyed Tower Keystone Site for Motorola Solutions” prepared by Pate Engineering, Inc., of Tampa, Florida, dated November 23, 2016, bearing Job Number 16-141B, and to be signed and sealed before commencement of work, a copy of which is attached to this Statement of Work as Addendum No. 3.
 - (ii) “Keystone Tower Remediation Project” means the remediation of the Keystone Tower in accordance with the Keystone Tower Remediation Plans.

- B. The Vendor shall undertake and complete the Keystone Tower Remediation Project and shall do so in accordance with the terms set forth in Vendor's December 6, 2016 proposal for such work. Further, upon completion of such work, specifically proper completion of the tower modifications shown on the Keystone Tower Remediation plans and the changing of the tower loading to the final configuration required by the remediation plans, Vendor shall confirm that the tower meets the requirements of ANSI/TIA-222-G-2 and the Florida Building Code 5th Edition (2014) for the criteria shown on the Keystone Tower Remediation Plans as represented in Pate Engineering Inc.'s December 19, 2016 correspondence to Vendor, attached to this Statement of Work as Addendum No. 4.
- C. The Project Schedule and the Gantt Chart, provided for in Section 14 above, shall include the Keystone Tower Remediation Project.

[End of Statement of Work]

Addendum No. 1
[Keystone Tower Plans]



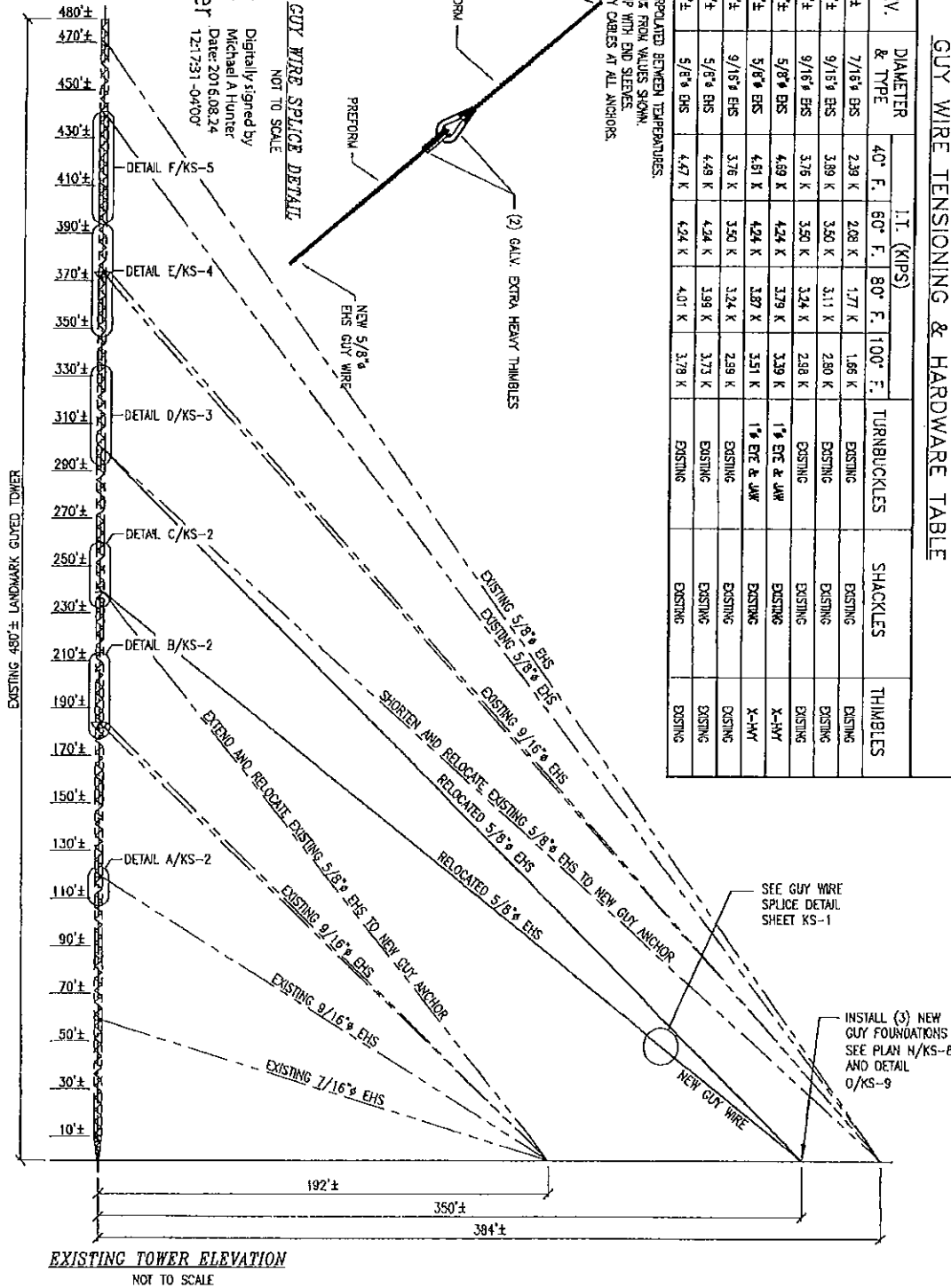
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY
MICHAEL A. HUNTER, PE (FLORIDA PE #58068) ON 8/24/2016
USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT
ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE
MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Michael
A Hunter

Digitally signed by
Michael A Hunter
Date: 2016.08.24
12:17:31 -0400

GUY WIRE SPICE DETAIL

NOT TO SCALE



GUY WIRE TENSIONING & HARDWARE TABLE

BREAKING STRENGTH	GUY LEVEL	ELEV. & TYPE	T. (KIPS)				TURNBUCKLES	SHACKLES	THIMBLES
			40' F.	60' F.	80' F.	100' F.			
20.4 K	1	60'± 7/16" EHS	2.39 K	2.08 K	1.77 K	1.66 K	EXISTING	EXISTING	EXISTING
35.0 K	2	100'± 9/16" EHS	3.89 K	3.50 K	3.11 K	2.80 K	EXISTING	EXISTING	EXISTING
35.0 K	3	185'± 9/16" EHS	3.76 K	3.50 K	3.24 K	2.98 K	EXISTING	EXISTING	EXISTING
42.4 K	4	240'± 5/8" EHS	4.89 K	4.24 K	3.79 K	3.39 K	EXISTING	EXISTING	EXISTING
42.4 K	5	300'± 5/8" EHS	4.81 K	4.24 K	3.87 K	3.51 K	1" EYE & JAW	EXISTING	X-MAY
35.0 K	6	375'± 9/16" EHS	3.76 K	3.50 K	3.24 K	2.99 K	EXISTING	EXISTING	EXISTING
42.4 K	7	440'± 5/8" EHS	4.49 K	4.24 K	3.99 K	3.73 K	EXISTING	EXISTING	EXISTING
42.4 K	8	470'± 5/8" EHS	4.47 K	4.24 K	4.01 K	3.78 K	EXISTING	EXISTING	EXISTING

NOTE: (1) GUY TENSIONS MAY BE INTERPOLATED BETWEEN TEMPERATURES.

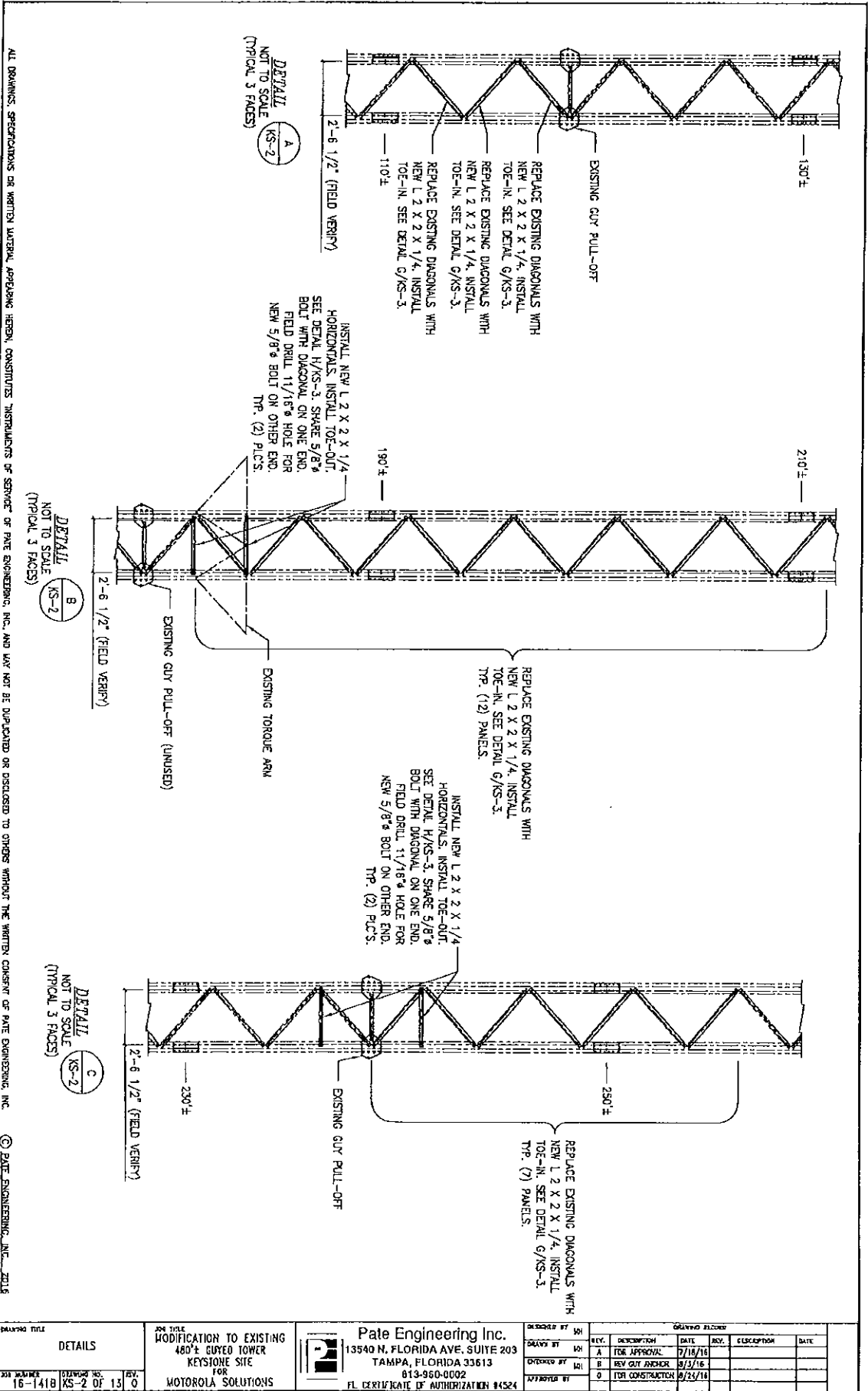
(2) GUY TENSIONS MAY VARY 10% FROM VALUES SHOWN.

(3) INSTALL GUINCHED BIG-Grip WITH END STIFFENERS.

(4) PROVIDE TURNBUCKLE SAFETY CABLES AT ALL ANCHORS.

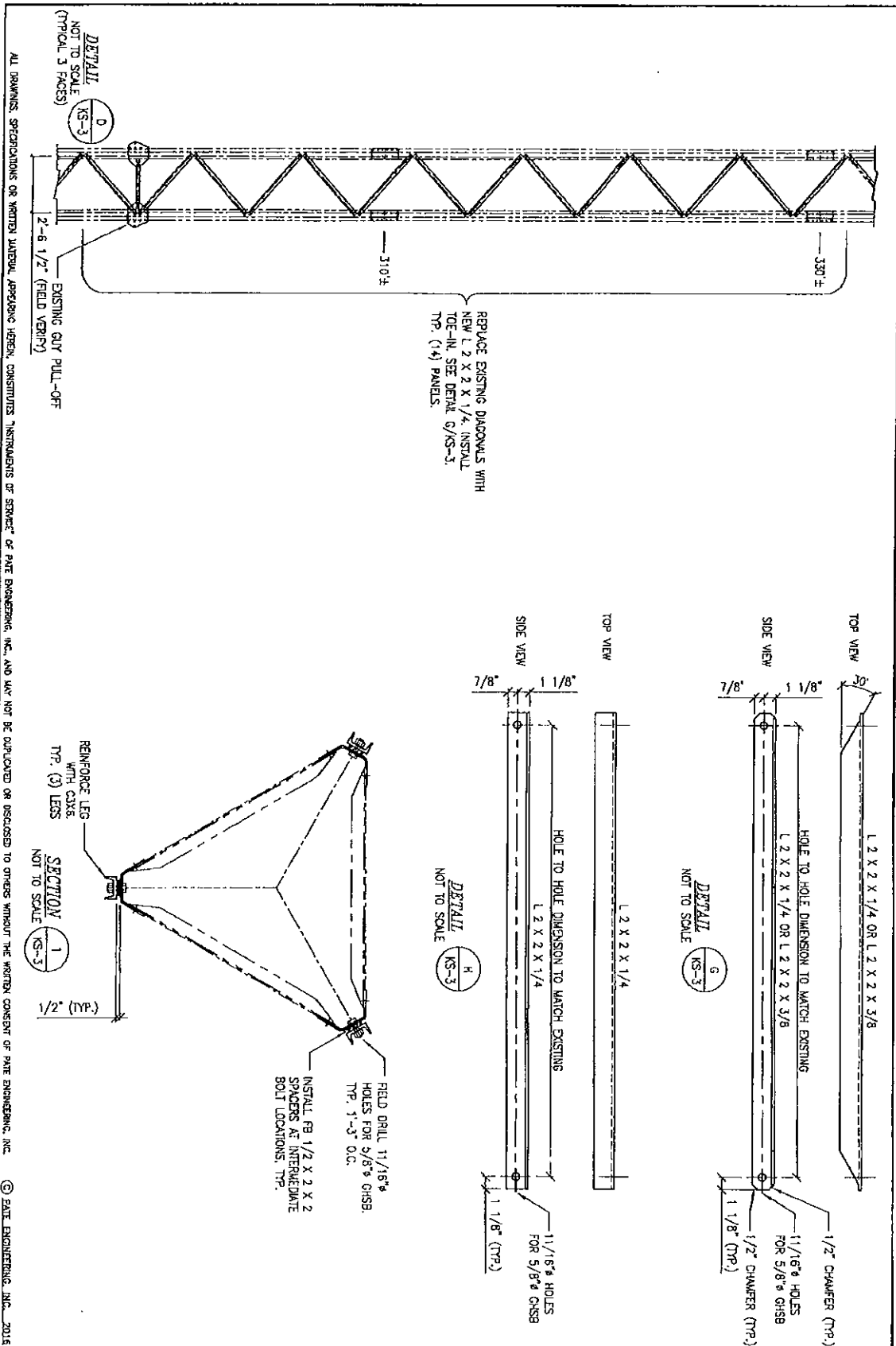
ALL DIMENSIONS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

PROJECT TITLE GENERAL ARRANGEMENT	JOB TITLE MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS	DESIGNED BY 16-141B	DATE 8/24/16	DESCRIPTION FOR APPROVAL	DATE 7/18/16	REV. 1	REVISION FOR APPROVAL	DATE 7/18/16	REV. 2	REVISION FOR APPROVAL	DATE 7/18/16
Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-980-0002 FL CERTIFICATE OF AUTHORIZATION #4524			DRAWING RECORD REV. 1 DESCRIPTION FOR APPROVAL DATE 7/18/16 REV. 2 DESCRIPTION FOR APPROVAL DATE 7/18/16 REV. 3 DESCRIPTION FOR APPROVAL DATE 7/18/16								



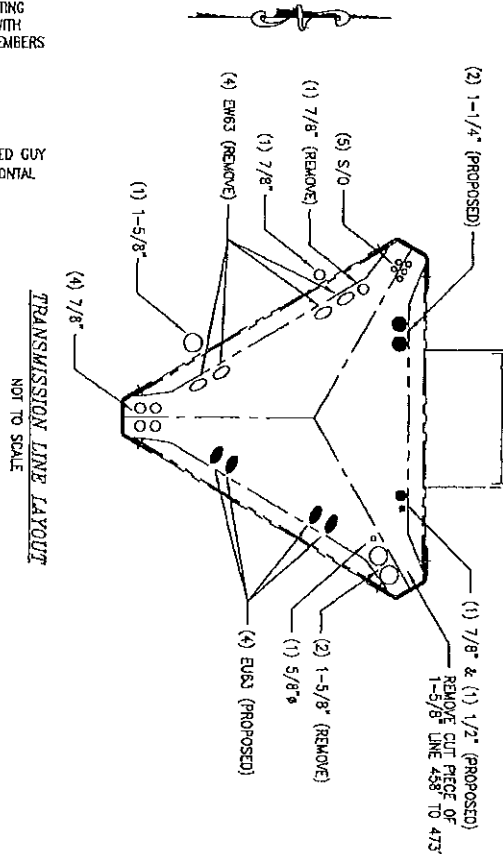
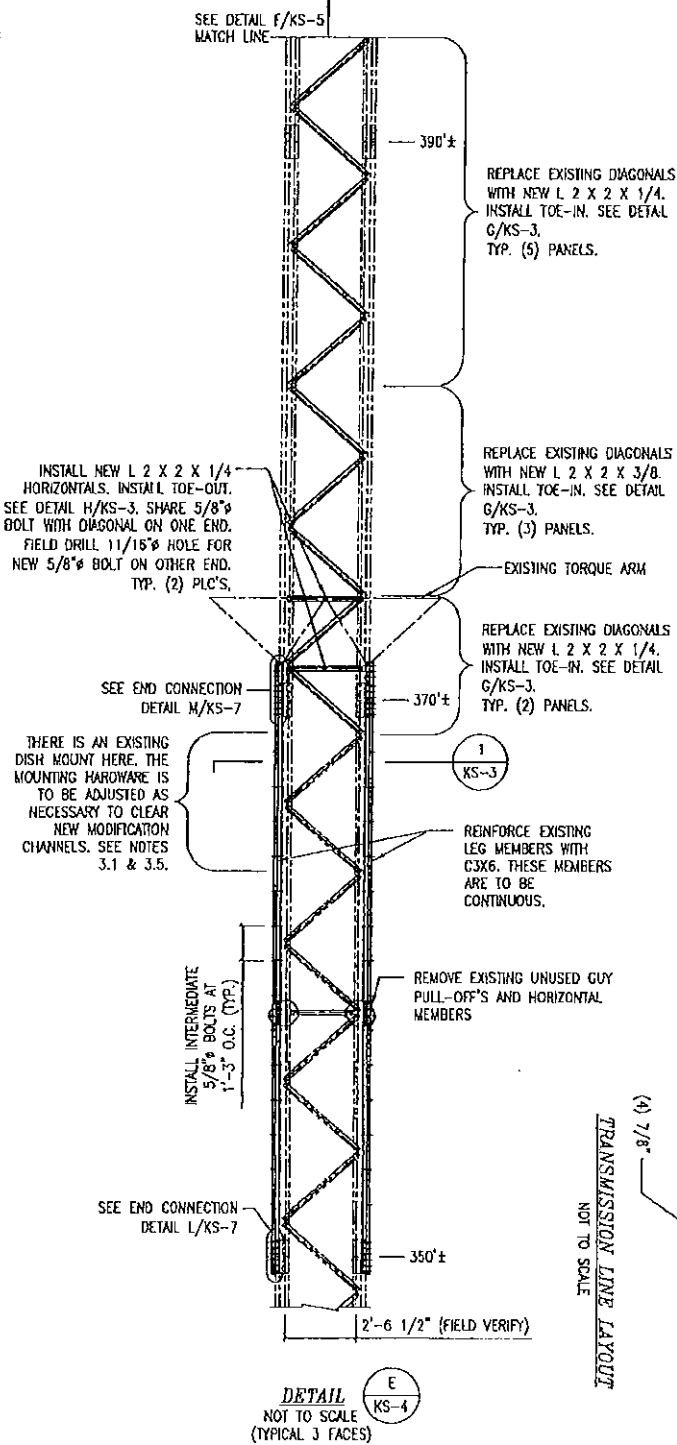
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		REVISIONS			
DETAILS		MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		REV.	DESCRIPTION	DATE	REV.
JOB NUMBER 16-1418	DRAWING NO. KS-2 OF 13	REV.	O	DRAWN BY AT	CHECKED BY LOI	A	FOR APPROVAL	7/16/16	
						B	REV GUY ANCHOR	8/3/16	
						C	FOR CONSTRUCTION	8/23/16	



DRAWING TITLE			JOB TITLE			PATE ENGINEERING, INC.			REVISION RECORD		
DETAILS			MODIFICATION TO EXISTING			13540 N. FLORIDA AVE. SUITE 203			REV.	DESCRIPTION	DATE
15-1418			480' & GUYED TOWER			TAMPA, FLORIDA 33613			1	FOR APPROVAL	7/18/16
KS-3 OF 13			KEYSTONE SITE			813-960-0002			2	REV. BY: HONOR	8/2/16
0			FOR MOTOROLA SOLUTIONS			FL CERTIFICATE OF AUTHORIZATION #1524			3	FOR CONSTRUCTION	8/15/16

ALL DRAWINGS SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREON CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2015

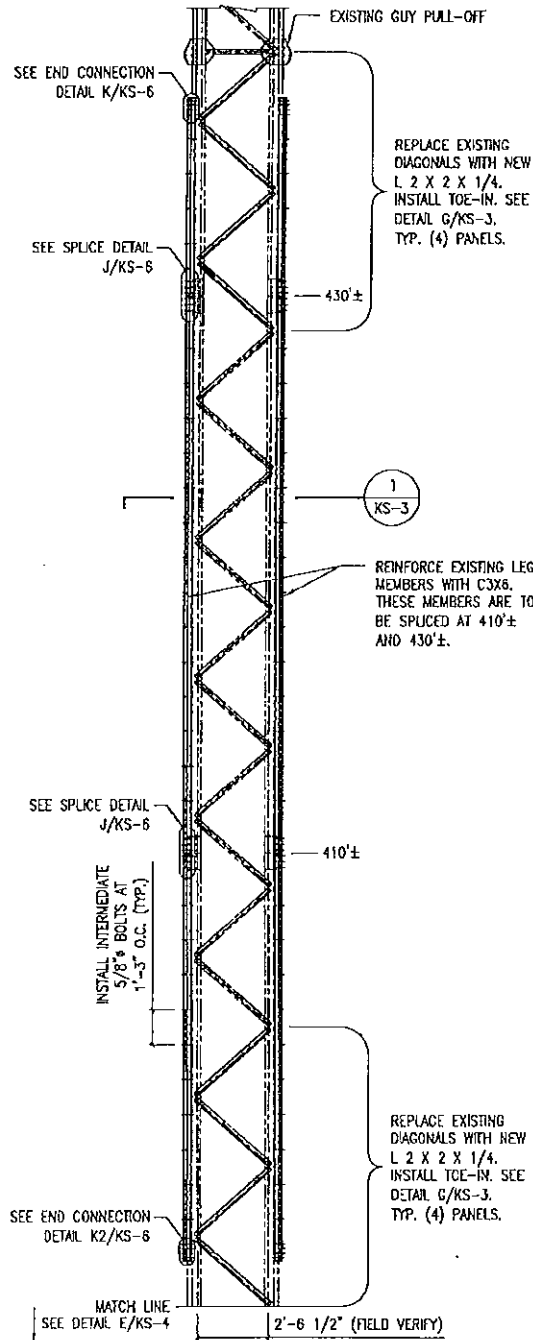


DRAWING TITLE			JOB TITLE		DESIGNER BY		DRAWING RECORD			
DETAILS			MODIFICATION TO EXISTING 480± GUYED TOWER KEYSTONE SITE FOR		SK	SK	REV.	DESCRIPTION	DATE	REV.
REV. 0			MOTOROLA SOLUTIONS		SK	SK	A	FOR APPROVAL	7/19/16	
16-1418			KS-4 OF 13		SK	SK	B	REV OUT AND/OR	8/3/16	
					SK	SK	C	FOR CONSTRUCTION	8/24/16	



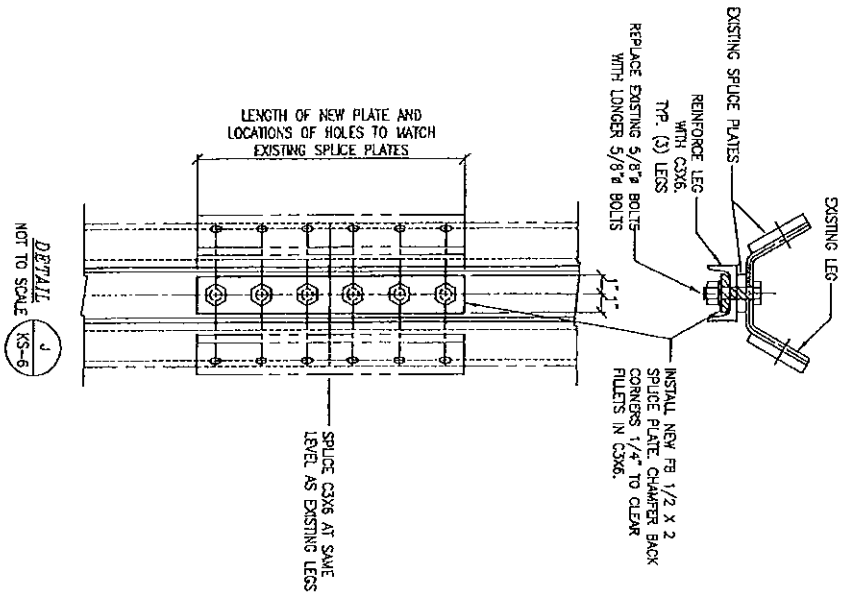
Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION 14524

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

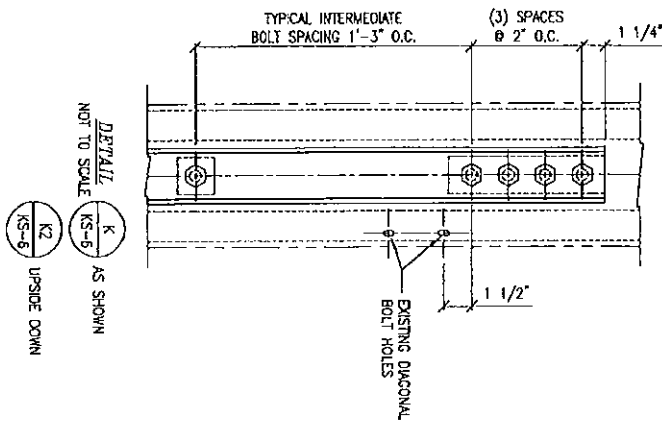
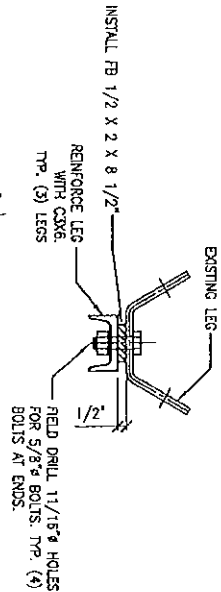


DETAIL
NOT TO SCALE
(TYPICAL 3 FACES)

DRAWING TITLE			JOB TITLE		PATE ENGINEERING, INC.		DESIGNED BY				DRAWING RECORD			
DETAILS			MODIFICATION TO EXISTING		13540 N. FLORIDA AVE. SUITE 203		DRAWN BY		REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
			480' GUYED TOWER		TAMPA, FLORIDA 33613		A		A	FOR APPROVAL	7/18/16			
			KEYSTONE SITE		813-960-0802		B		B	REV. QTY. ASSESS	6/23/16			
			FOR		FL CERTIFICATE OF AUTHORIZATION #4524		C		C	FOR CONSTRUCTION	6/24/16			
			MOTOROLA SOLUTIONS				D							



DETAIL J
KS-6
NOT TO SCALE

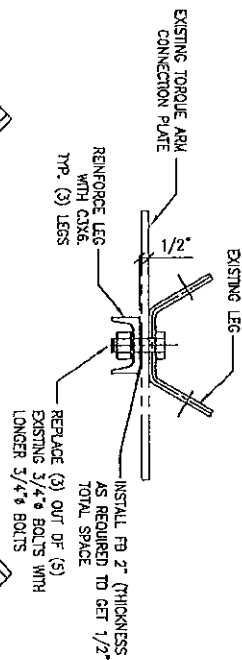
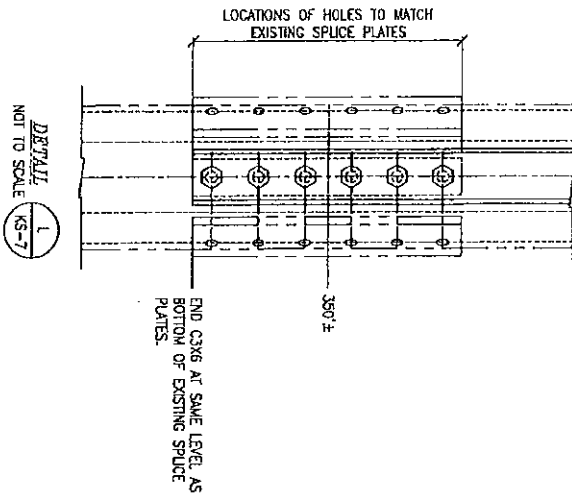
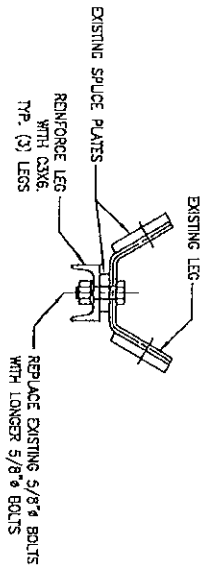


DETAIL K
KS-5 AS SHOWN
KS-6 UPSIDE DOWN
NOT TO SCALE

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

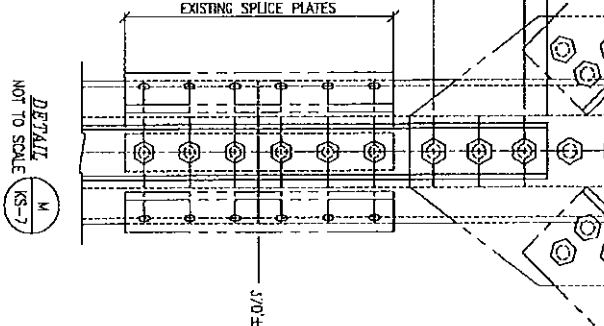
DRAWING TITLE DETAILS		JOB TITLE MODIFICATION TO EXISTING 480 ± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4324		DESIGNED BY: UN DRAWN BY: UN CHECKED BY: UN APPROVED BY:		REVIEW LOG <table border="1"> <thead> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>FOR APPROVAL</td> <td>7/18/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>REV OUT ANCHOR</td> <td>8/2/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C</td> <td>FOR DESTRUCTION</td> <td>8/24/16</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	A	FOR APPROVAL	7/18/16				B	REV OUT ANCHOR	8/2/16				C	FOR DESTRUCTION	8/24/16			
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE																														
A	FOR APPROVAL	7/18/16																																	
B	REV OUT ANCHOR	8/2/16																																	
C	FOR DESTRUCTION	8/24/16																																	
JOB NUMBER 16-141B		DRAWING NO. KS-6 OF 13		REV. 0																															

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES "INSTRUMENTS OF SERVICE" OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016



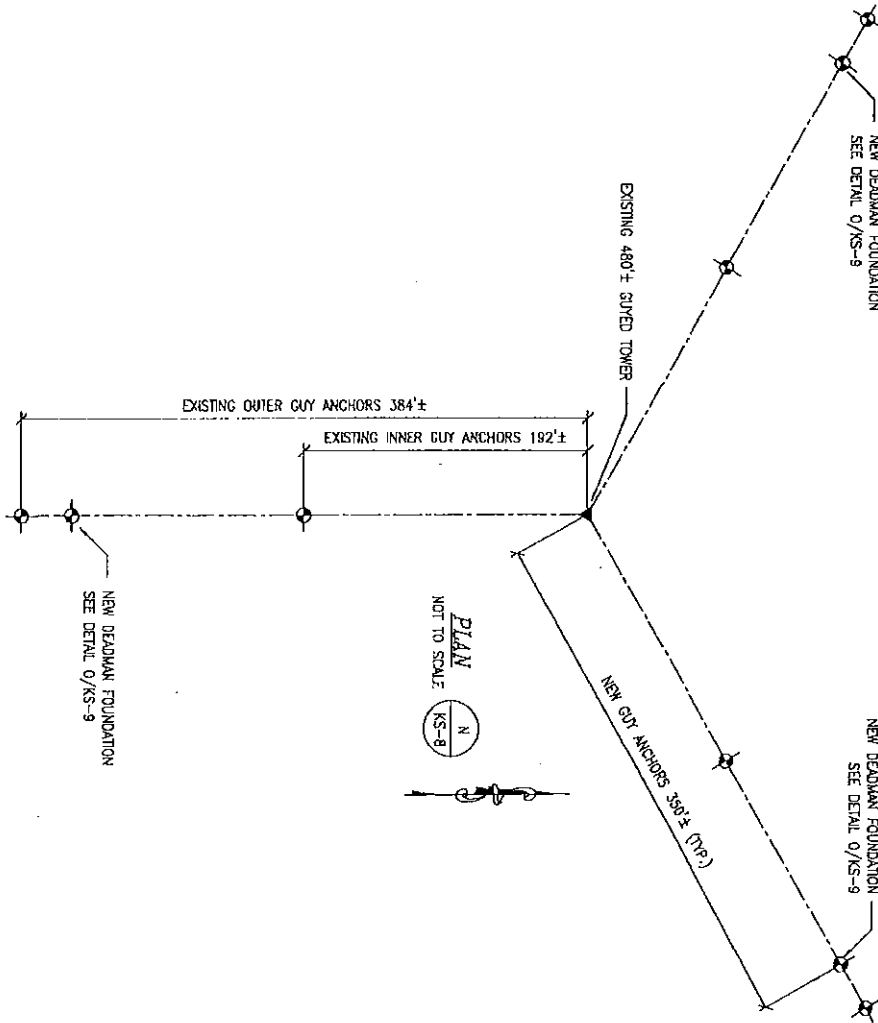
REPLACE (3) OUT OF (5) 3/4\"/>


REPLACE (6) 5/8\"/>

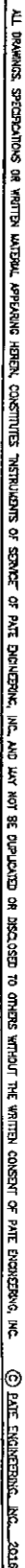


DETAILS 16-141B KS-7 OF 13 0		JOB TITLE MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-860-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DESIGNED BY MN CHECKED BY MN APPROVED BY		DRAWING REVISION <table border="1"> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> <tr> <td>A</td> <td>FOR APPROVAL</td> <td>7/18/18</td> </tr> <tr> <td>B</td> <td>REV GUY HATCH</td> <td>5/5/18</td> </tr> <tr> <td>C</td> <td>FOR CONSTRUCTION</td> <td>3/24/18</td> </tr> </table>		REV.	DESCRIPTION	DATE	A	FOR APPROVAL	7/18/18	B	REV GUY HATCH	5/5/18	C	FOR CONSTRUCTION	3/24/18
REV.	DESCRIPTION	DATE																			
A	FOR APPROVAL	7/18/18																			
B	REV GUY HATCH	5/5/18																			
C	FOR CONSTRUCTION	3/24/18																			

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, PREPARED HEREON, CONSTITUTES INSTRUCTIONS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015



DRAWING TITLE			JOB TITLE			Pate Engineering Inc.			DESIGNED BY		JH		REVISIONS			
PLAN			MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR			 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION 14524			DRAWN BY		JH		REV. DESCRIPTION DATE		REV. DESCRIPTION DATE	
16-1418			KS-8 OF 13						CHECKED BY		JH		A FOR APPROVAL 7/7/18		B REV QTY AMEND 6/3/18	
16-1418			KS-8 OF 13						APPROVED BY		JH		D FOR CONSTRUCTION 5/21/18			



P

GUY ANCHOR DRILLED PIER DESIGN CRITERIA

LATERAL = 31.9 KIPS
UP/LIFT = 23.9 KIPS

FOUNDATION NOTES

MATERIALS


CONCRETE $f'_c = 3,000$ PSI @ 28 DAYS
REINFORCING STEEL ASTM A-615 GRADE 60

NOTES:

- 1.1 CONCRETE SHALL BE DESIGNED, DETAILED, PRODUCED AND PLACED AS PROVIDED FOR IN ACI STANDARD 318, LATEST EDITION, "BUILDING CODE REQUIREMENT FOR STRUCTURAL CONCRETE AND ACI STANDARD 301, LATEST EDITION, "SPECIFICATIONS FOR STRUCTURAL CONCRETE."
- 1.2 REINFORCING STEEL SHALL BE HANDLED, CUT AND PLACED AS PROVIDED FOR IN THE MANUAL OF STANDARD PRACTICE, CRSI.
- 1.3 PAINT ANCHORS RODS IN CONTACT WITH SOIL TO 6" ABOVE GRADE WITH TWO (2) COATS OF BITUMINOUS PAINT PRIOR TO BACKFILLING.
- 1.4 GROUNDING CONDUITS, LINES, ETC. SHALL BE RELOCATED AS NECESSARY TO CLEAR THE NEW STRUCTURE. GROUNDING SHALL BE MAINTAINED AT ALL TIMES. PROVIDE PROTECTIVE GROUNDING IN ACCORDANCE WITH TH-222-6, OR OWNERS SPECIFICATIONS.
- 1.5 WHERE FIELD WORK IS CARRIED OUT NEAR THE TOWER AND OTHER STRUCTURES, EXTREME CARE SHALL BE EXERCISED TO PREVENT DAMAGE.
- 1.6 EXTREME CARE SHALL BE EXERCISED WHEN EXCAVATING FOR NEW ANCHORS. TO PREVENT DAMAGE TO EXISTING GUY WIRES OVERHEAD.
- 1.7 IF NECESSARY TO MOVE FENCES OR OTHER ITEMS, OR DISTURB THE GROUNDS, THEY SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
- 1.8 THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING. ANY PROBLEMS WITH ACCESS, INTERFERENCE, PROPERTY LINES, ETC. SHALL BE RESOLVED PRIOR TO MOVING ONTO THE JOB SITE. UNDERGROUND UTILITIES SHALL BE LOCATED PRIOR TO BEGINNING WORK. NO EXTRA WILL BE CONSIDERED FOR THESE CONDITIONS.
- 1.9 THE CONTRACTOR MUST COORDINATE THE WORK AND COOPERATE WITH THE TOWER OWNER PRIOR TO MOVING INTO THE SITE.
- 1.10 ALL CONSTRUCTION PROCEDURES SHALL MEET THE REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS TO PROTECT PERSONNEL.
- 1.11 COMPACT BACKFILL IN 6" LIFTS WITH POWERED HAND TAMPER.
- 1.12 THE CONTRACTOR SHALL OBTAIN CONCRETE TEST CYLINDERS FROM EACH ANCHOR FOUNDATION. FURNISH COPIES OF THE TEST RESULTS TO THE ENGINEER FOR THE SEVEN (7) DAY BREAK AND TWENTY-FOUR (24) DAY BREAK.
- 1.13 THE CONTRACTOR MUST ANTICIPATE THE PRESENCE OF LOOSE SOIL MATERIALS AND GROUNDWATER.
- 1.14 THE ANCHOR FOUNDATIONS HAVE BEEN DESIGNED ACCORDING TO THE GEOTECHNICAL EXPLORATION BY AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC., PROJECT NO. 6166-18-0181, DATED 7/29/2016. A COPY OF THE REPORT CAN BE OBTAINED FROM THE CLIENT.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREON, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC.

© PATE ENGINEERING, INC. 2015

FOUNDATION NOTES 15-141B XS-11 OF 13		OR TITLE MODIFICATION TO EXISTING 480'x GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		DESIGNED BY MH CHECKED BY MH APPROVED BY O		DATE 7/18/16 8/2/16 8/23/16													
13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4521		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4521		REVISIONS <table border="1"> <thead> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>FOR APPROVAL</td> <td>7/18/16</td> </tr> <tr> <td>2</td> <td>REV GUY HORIZ</td> <td>8/2/16</td> </tr> <tr> <td>3</td> <td>FOR CONSTRUCTION</td> <td>8/23/16</td> </tr> </tbody> </table>		REV.	DESCRIPTION	DATE	1	FOR APPROVAL	7/18/16	2	REV GUY HORIZ	8/2/16	3	FOR CONSTRUCTION	8/23/16	DATE 7/18/16 8/2/16 8/23/16	
REV.	DESCRIPTION	DATE																	
1	FOR APPROVAL	7/18/16																	
2	REV GUY HORIZ	8/2/16																	
3	FOR CONSTRUCTION	8/23/16																	

THIS TOWER HAS BEEN ANALYZED AND THESE DRAWINGS REPRESENT MODIFICATIONS REQUIRED TO SUPPORT THE FOLLOWING ANTENNAS AND UNITS IN ACCORDANCE WITH ANSI/TIA-222-G-2 FOR THE FOLLOWING CRITERIA:

$V_{35} = 103.8$ MPH (3-SEC GUST NOMINAL WIND SPEED)
EXPOSURE C

CLASS II (I=1.0)
TOPOGRAPHIC CA
ITC 00 BY

2

THE ABOVE CRITERIA MEETS OR EXCEEDS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 5TH EDITION (2014) FOR THE FOLLOWING CRITERIA:

WIND = 134 MPH (RISK CATEGORY III/IV) (3-SECOND GUST ULTIMATE WIND SPEED),
EXPOSURE C

ELEV. (FT.)	NOTES	DESCRIPTION	TRANSMISSION (INCHES)
476 ±	A	WHIP ANTENNA WITH REFLECTOR	TO AMPLIFIER
476 ±	A	AMPLIFIER	7/8" & 1/2"
476 ±	A	5° SIDE ARM	1-5/8"
456 ±	A	WHIP ANTENNA WITH REFLECTOR	1-5/8"
456 ±	A	6° SIDE ARM	1-5/8"
455 ±	A	WHIP ANTENNA WITH REFLECTOR	1-5/8"
455 ±	A	4° SIDE ARM	1-5/8"
431 ±		8" PANEL ANTENNA ON PIPE MOUNT	1-5/8"
392 ±		DB224 (SIMILAR) ON 4° SIDE ARM	7/8"
386 ±	A	8 1/2 DISH WITH RADOME & MOUNT	EW33
340 ±		DB224 (SIMILAR) ON 2-4° SIDE ARM	7/8"
335 ±	A	5 1/2 DISH WITH RADOME & MOUNT	EW33
308 ±		DB224 (SIMILAR) ON 2-4° SIDE ARM	7/8"
282 ±		8" GROUND PLANE WHIP ON 3-6° SIDE ARM	7/8"
212 ±		DB224 (SIMILAR) ON 3-6° SIDE ARM	7/8"
199 ±	A	8 1/2 DISH WITH RADOME & MOUNT	EW33
171 ±	A	5 1/2 DISH WITH RADOME & MOUNT	EW33

NOTES: A. THESE ANTENNAS, MOUNTS, AND TRANSMISSION LINES ARE TO BE REMOVED FROM THE

LOWER AND WERE NOT INCLUDED IN THIS DESIGN.

5. THIS ANTIENNA WAS ASSUMED TO BE MOUNTED ON A 6" SIDE ARM CONSISTING OF (2), 4" ANGLE MEMBERS X 10' LONG AND A 3" PIPE X 5' LONG AT THE ENL. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE SOUTHEAST TOWER FACE AND EXTEND 6" TOWARDS THE SOUTHWEST

C. THESE (2) PANEL ANTENNAS WERE ASSUMED TO BE MOUNTED WITH (2) 4° ANGLE MEMBERS X 12 LONG WITH A 2-1/2" PIPE X 21" LONG ON EACH END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE SOUTHWEST TOWER FACE (CENTERED ON THE FACE) WITH A PIPE ON EACH END.

d. THE DISH ANTENNAS WERE ASSIGNED TO BE MOUNTED ON 4" PIPES X 6' LONG ATTACHED TO THE TOWER WITH (2) 5" ANGLE MEMBERS X 5' LONG. THE DISHS WERE ASSUMED TO HAVE ONE THE-BACK MEMBER (EXCEPT THE 8' DISH WAS ASSUMED TO HAVE (2) THE-BACK MEMBERS).

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PAGE 2

MATERIALS:

STRUCTURAL STEEL, PIPE AND PLATES ASTM A36 $F_y = 36.0$ KSI
EHS GUY WIRE ASTM A475 (EXTRA HIGH STRENGTH) CLASS A GALVANIZED
U-BOLTS ASTM A36 $F_y = 36.0$ KSI OR STAINLESS STEEL TYPE 304
WELD ELECTRODES E70 SERIES

BOLTS

1.1 ALL BOLTS 1/2" DIA. AND LARGER, SHALL BE A325X. THREADS EXCLUDED FROM SHEAR PLANE. AND FINISHES WITH A HEAVY HEX NUT, HEAVY ROUND WASHER, AND HEAVY "PALNUT", ALL HOT-DIPPED GALVANIZED.

1.2 GUT WIRE HARDWARE I.E. TURNBUCKLES, THIMBLES, ETC. SHALL BE CROSBY HOT-DIPPED GALVANIZED FORGED STEEL UNLESS OTHERWISE NOTED OR APPROVED EQUAL.

2. FABRICATION

2.1 ALL STEEL FABRICATION SHALL BE DONE IN ACCORDANCE WITH AISC "STEEL CONSTRUCTION MANUAL", LATEST EDITION.

2.2 HOLES SHALL BE 1/16" LARGER THAN BOLT DIAMETER SPECIFIED UNLESS OTHERWISE NOTED.

2.3 DUE TO THE ABSENCE OF ORIGINAL FABRICATION DRAWINGS AND DIMENSIONS ON THIS TOWER, THE CONCRETE/REINFORCER SHALL FIELD VERIFY ALL DIMENSIONS GIVEN ON THESE DRAWINGS.

2.4 SLOTTED HOLES MAY NOT BE USED UNLESS SPECIFICALLY SHOWN ON THESE DRAWINGS

2.5 ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS STRUCTURAL WELDING CODE D1.1, LATEST EDITION.

WELDING ROD MATERIAL SHALL BE COMPATIBLE IN CHEMISTRY AND STRENGTH TO HIGHEST GRADE BASE METAL.

2.6 ALL WELDED CONNECTIONS SHALL BE "SEAL" WELDED TO PREVENT WEEPING OF RUST FROM CONNECTIONS.

2.7 ALL STEEL MATERIAL SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A122 AFTER GALVANIZING ALL THREADS AND OTHER ITEMS SHALL BE PROPERLY CLEANED AT RIPSERS ETC SHALL

ALL DIMENSIONS OF SHEET PILE SHALL BE PROVIDED FOR SHEET PILE UNLESS OTHERWISE SPECIFIED. SHEET PILE SHALL BE GALVANIZED MATERIAL PRIOR TO SHIPMENT. DRAIN HOLES SHALL BE PROVIDED FOR CLOSED SECTIONS.

2.8 THESE DRAWINGS ARE NOT FABRICATION (SHOP) DRAWINGS. THE USE OF ANY DIMENSIONS ON THESE DRAWINGS FOR FABRICATION PURPOSES, IS DONE AT THE SOLE RISK OF THE CONTRACTOR.

2.9 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.

PRE

3.1 PRIOR TO BUILDING ON THIS PROJECT, THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE IF ANY CLEARANCE PROBLEMS EXIST BETWEEN THE EXISTING AND NEW HARDWARE. ANY RELOCATION OF EXISTING HARDWARE (ANTENNAS, MOUNTS, WAREHOUSE LADDERS, ETC.) REQUIRED TO INSTALL THE NEW HARDWARE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO EXTRAS WILL BE CONSIDERED FOR THIS CONDITION.


3.2 FIELD DRILLED HOLES AND CUTS AND DAMAGED GALVANIZED SURFACES SHALL BE GIVEN ONE (1) BRUSH COAT OF ZINC LIQUID (800-831-3275) TO A 5 MIL WET FILM THICKNESS. PREPARE SURFACES AND APPLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. A TOP COAT OF HIGH UV RESISTANCE ACRYLIC PAINT SHALL BE APPLIED OVER THE ZINC.

3.5 FIELD CUTS AND HOLES SHALL BE MADE WITH POWER TOOLS SUCH AS POWER HACKSAWS, DRILLS OR PUNCHES. CUTS AND HOLES MAY NOT BE BURNED.

3.4 NO TOWER MODIFICATIONS SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.


3.5 WHERE EXISTING COAX, WAVEGUIDE, ANTENNAS, ETC., INTERFERE WITH THIS MODIFICATION WORK, THEY SHALL BE RELOCATED AND PROPERLY SECURED, WHERE NECESSARY, THEY SHALL BE TEMPORARILY RELOCATED AND SECURED. AFTER THE WORK IS COMPLETE THEY SHALL BE INSTALLED IN THEIR FINAL LOCATION AND PROPERLY SECURED. RE-ATTACH THE CLIMB LADDER SUPPORTS TO NEW REPLACEMENT DOWELS USING THE EXISTING HARDWARE.

3.6 INSTALL NEW TRANSMISSION LINES AS SHOWN ON "TRANSMISSION LINE LAYOUT PLAN" (SHEET KS-4)

DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		DRAWING REVISION							
NOTES		MODIFICATION TO EXISTING 450'± GUYED TOWER KEYSTONE STEEL FOR MOTOROLA SOLUTIONS		 13540 N. FLORIDA AVE., SUITE 203 TAMPA, FLORIDA 33613 813-980-0002 FL. CERTIFICATE OF AUTHORIZATION 14524		DESIGNED BY	VN	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
						DRAWN BY	VN	A	FOR APPROVAL	11/18/16			
						CHECKED BY	VN	B	REV GUY WDR	12/16/16			
						APPROVED BY		D	FOR CONSTRUCTION	1/24/17			
JOB NUMBER	DRAWING NO.	REV.											
18-141B	KS-12 OF 13	0											

3. ERECTION (CONTINUED)
- 3.7 INSTALL NEW ANTENNA MOUNTS AS DESCRIBED IN THE NOTES SECTION UNDER THE DESIGN ANTENNA LIST.
- 3.8 IF THE TRANSMISSION LINES ARE NOT LOCATED AS SHOWN ON THESE DRAWINGS OR IF ANTENNA MOUNTS SUBSTANTIALLY LARGER THAN DESCRIBED ARE INSTALLED, OVER STRESS OF THE TOWER MAY OCCUR. A RE-ANALYSIS OF THE TOWER MAY BE NECESSARY TO DETERMINE THE STRESS STATE OF THE TOWER.
- 3.9 THE RELOCATION OF GUY WIRES SHALL BE ONE CONTINUOUS OPERATION. RELOCATE ONE GUY WIRE AT A TIME. PROVIDE TEMPORARY GUYING AS REQUIRED. NO GUY WIRE REMOVAL SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 3.10 RELOCATED GUY WIRES SHALL BE GROUNDED PER OWNERS REQUIREMENTS.
- 3.10 WHERE FIELD WORK IS CARRIED OUT NEAR EXISTING COAX AND ANTENNAS, EXTREME CARE SHALL BE EXERCISED AND PROTECTION PROVIDED AS REQUIRED TO PREVENT DAMAGE TO TRANSMISSION EQUIPMENT OR INTERRUPTION OF TRANSMISSION SERVICE.
- 3.11 NEW BOLTS SHALL BE TIGHTENED AND TENSIONED BY THE "TURN OF THE NUT" METHOD, PER AISC MANUAL OF STEEL CONSTRUCTION, I.E. 1/3 TURN BEYOND "SNUG" TIGHT.
- 3.12 U-BOLTS SHALL BE "SNUG" TIGHT. DO NOT BEND PLATES.
- 3.13 AFTER TOWER MODIFICATIONS HAVE BEEN COMPLETED, RETENSION ALL GUYS TO THE INITIAL TENSION (1T) SHOWN AND REPLUMB THE TOWER.
- 3.14 ALL CONSTRUCTION PROCEDURES SHALL COMPLY WITH THE SAFETY REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS.
- 3.15 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE NOTES		JOB TITLE MODIFICATION TO EXISTING 480' E. GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #14321		DESIGNED BY: 14 CHECKED BY: 14 APPROVED BY: 14				REV. DESCRIPTION DATE 1 FOR APPROVAL 7/18/11 2 REV. GUY ANCHER 8/2/16 3 FOR CONSTRUCTION 8/24/16			
JOB NUMBER 16-1418		DRAWING NO. KS-13 OF 13		REV. 0									

Addendum No. 2
[Sleepy Hollow Tower Plans]

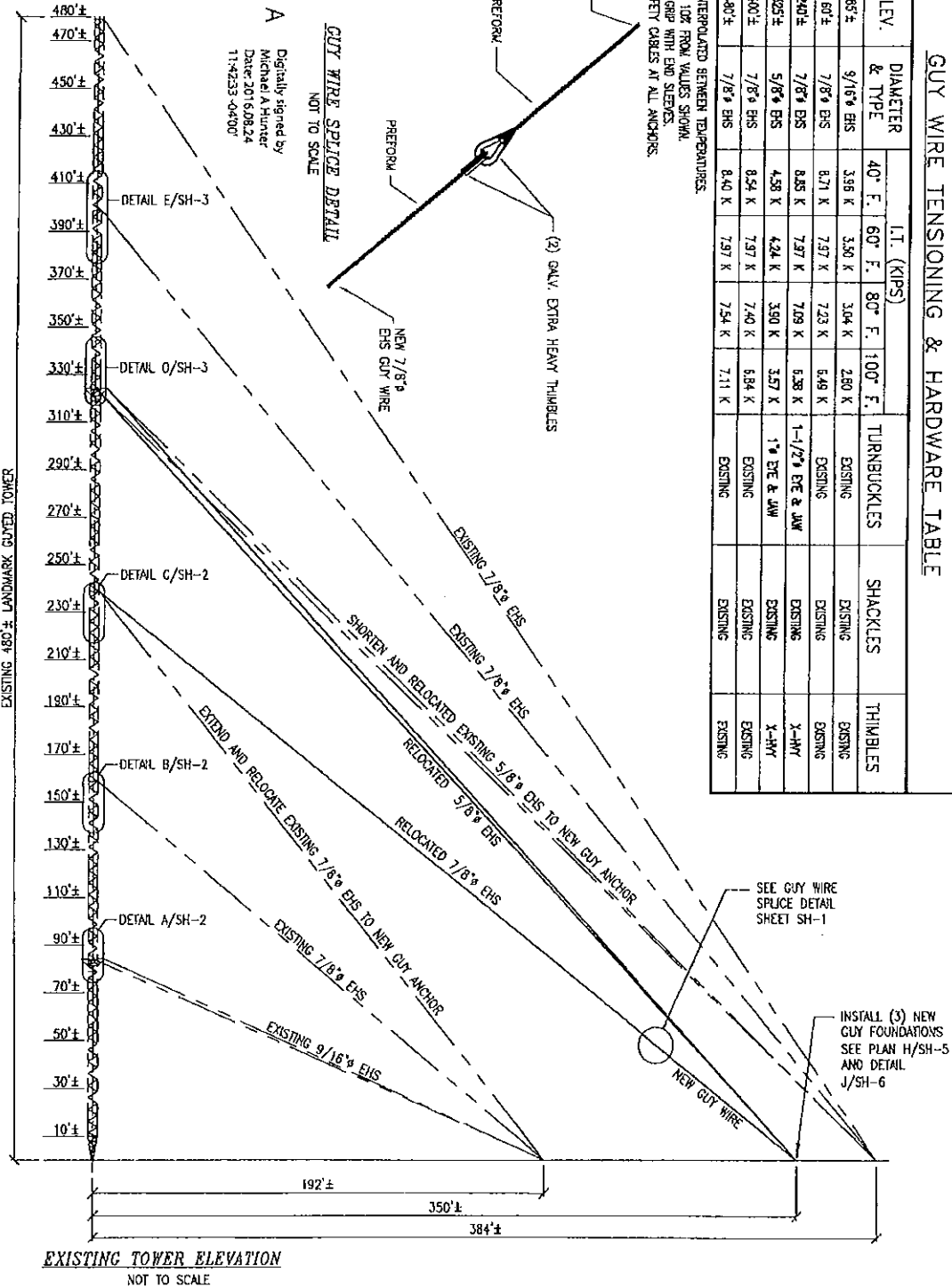


THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY
MICHAEL A. HUNTER, PE (FLORIDA PE #58088) ON 8/24/2016
USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT
ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE
MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Michael A
Hunter

Digitally signed by
Michael A. Hunter
Date: 2016.08.24
11:42:33 -0400

CUT WIRE SPICE DETAIL
NOT TO SCALE



GUY WIRE TENSIONING & HARDWARE TABLE

BREAKING STRENGTH	GUY LEVEL	ELEV. & TYPE	DIAMETER & TYPE	LT. (KIPS)					TURNBUCKLES	SHACKLES	THIMBLES
				40' F.	60' F.	80' F.	100' F.	120' F.			
35.0 K	1	68' ±	9/16" EHS	3.95 K	3.58 K	3.04 K	2.80 K		EXISTING	EXISTING	EXISTING
79.2 K	2	160' ±	7/8" EHS	8.71 K	7.97 K	7.23 K	6.49 K		EXISTING	EXISTING	EXISTING
79.2 K	3	240' ±	7/8" EHS	8.85 K	7.97 K	7.09 K	6.38 K	1-1/2" ETC & JAW	EXISTING	EXISTING	X-JAW
42.4 K	4	305' ±	5/8" EHS	4.58 K	4.24 K	3.90 K	3.57 K	1" ETC & JAW	EXISTING	EXISTING	X-JAW
79.2 K	5	400' ±	7/8" EHS	8.54 K	7.97 K	7.40 K	6.84 K		EXISTING	EXISTING	EXISTING
79.2 K	6	480' ±	7/8" EHS	8.40 K	7.97 K	7.54 K	7.11 K		EXISTING	EXISTING	EXISTING

NOTE: (1) GUY TENSIONS MAY BE INTERPOLATED BETWEEN TEMPERATURES.

(2) GUY TENSIONS MAY VARY 10% FROM VALUES SHOWN.

(3) INSTALL CLAMPED BIC-GRIP WITH END SLEEVES.

(4) PROVIDE TURNBUCKLE SAFETY CABLES AT ALL ANCHORS.

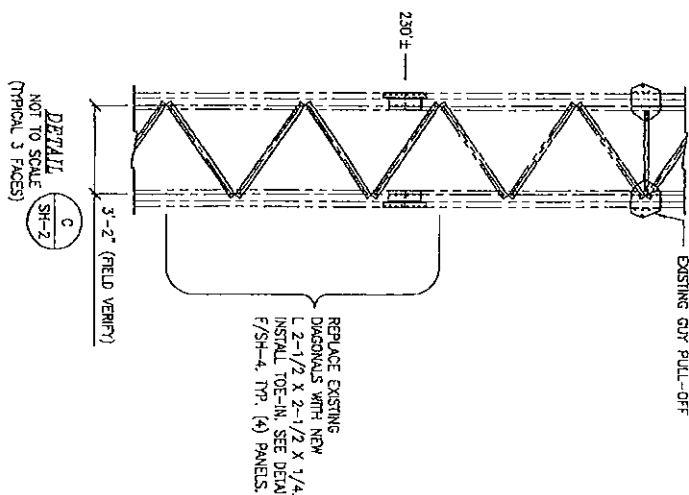
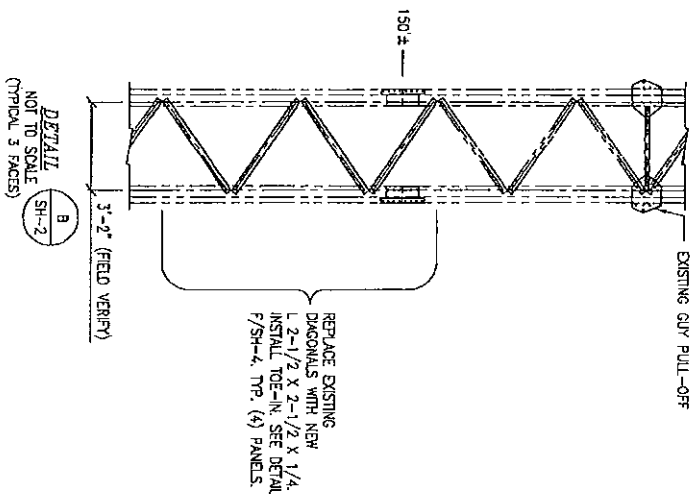
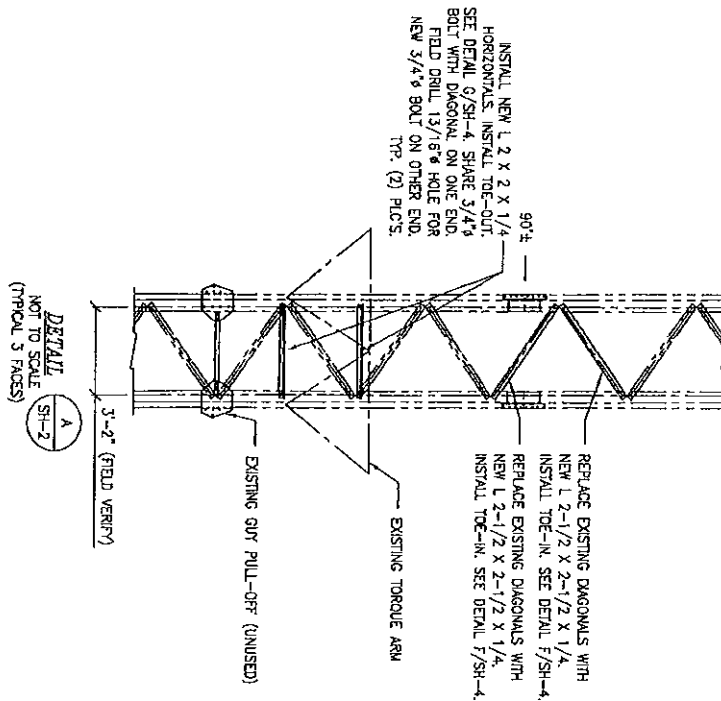
ALL DIMENSIONS SPECIFICATIONS OR WRITTEN MATERIAL APPLYING HEREIN, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

PROJECT TITLE
GENERAL ARRANGEMENT
REV. 16-141A SH-1 OF 10

JOB TITLE
MODIFICATION TO EXISTING
480' ± GUYED TOWER
SLEEPY HOLLOW SITE
FOR
MOTOROLA SOLUTIONS

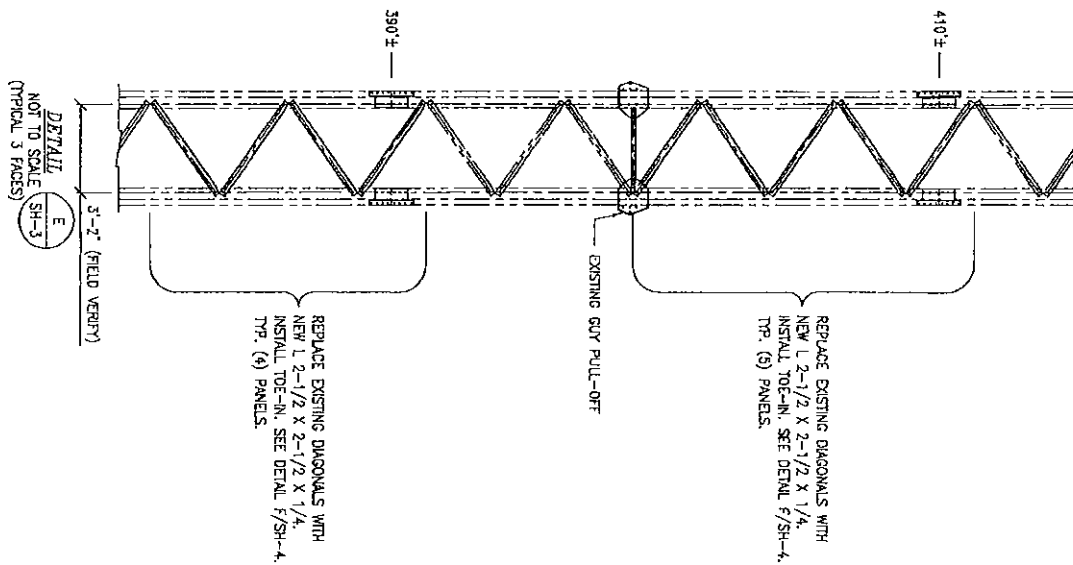
Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #1524

DESIGNED BY	IN	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
MARKET BY	MR	A	FOR APPROVAL	7/21/16			
CHECKED BY	KL	B	REV FOUNDATION	8/4/16			
APPROVED BY		C	FOR CONSTRUCTION	8/24/16			




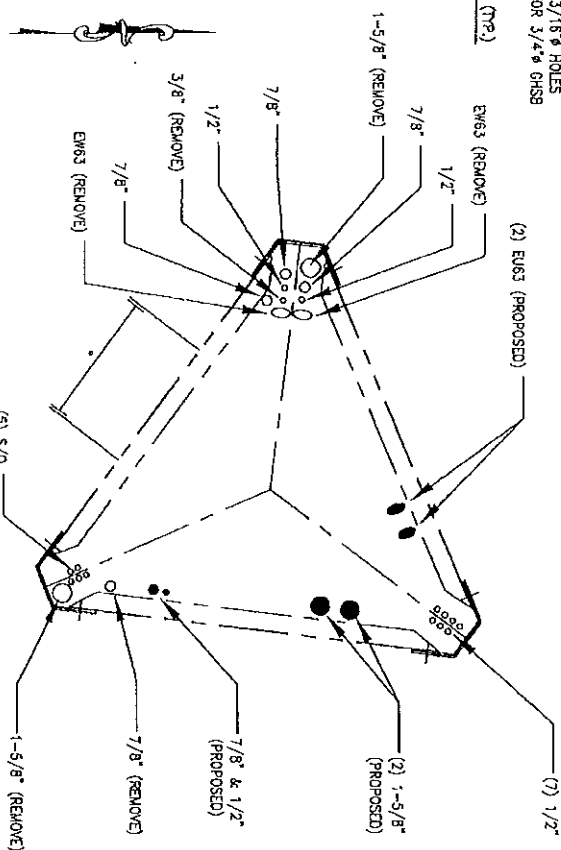
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

DRAWING TITLE				DRAWING RECORD			
DETAILS				REV.	DESCRIPTION	DATE	REV.
PROJECT TITLE				A	FOR APPROVAL	7/21/16	
MODIFICATION TO EXISTING				B	REV FOUNDATION	8/4/16	
480± GUYED TOWER				C	FOR CONSTRUCTION	8/14/16	
SLEEPY HOLLOW SITE							
FOR							
MOTOROLA SOLUTIONS							
JOB NO.				Pate Engineering Inc.			
16-141A				13540 N. FLORIDA AVE. SUITE 203			
SH-2 OF 10				TAMPA, FLORIDA 33613			
REV. 0				813-960-0002			
				FL CERTIFICATE OF AUTHORIZATION #4524			



ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE INSTRUMENTS OF SERVICE OF DATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF DATE ENGINEERING, INC. © DATE ENGINEERING, INC., 2016

DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		REVISION BY		DATE		DATE	
DETAILS		MODIFICATION TO EXISTING 430' x GUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS		 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-980-0002 FL CERTIFICATE OF AUTHORIZATION 44524		1. FOR APPROVAL 2. REV FOR MATCH 3. FOR CONSTRUCTION		7/21/16 8/5/16 8/24/16			
JOB NUMBER 15-141A		DRAWING NO. SH-3 10				APPROVED BY		DATE			
REV. 0											

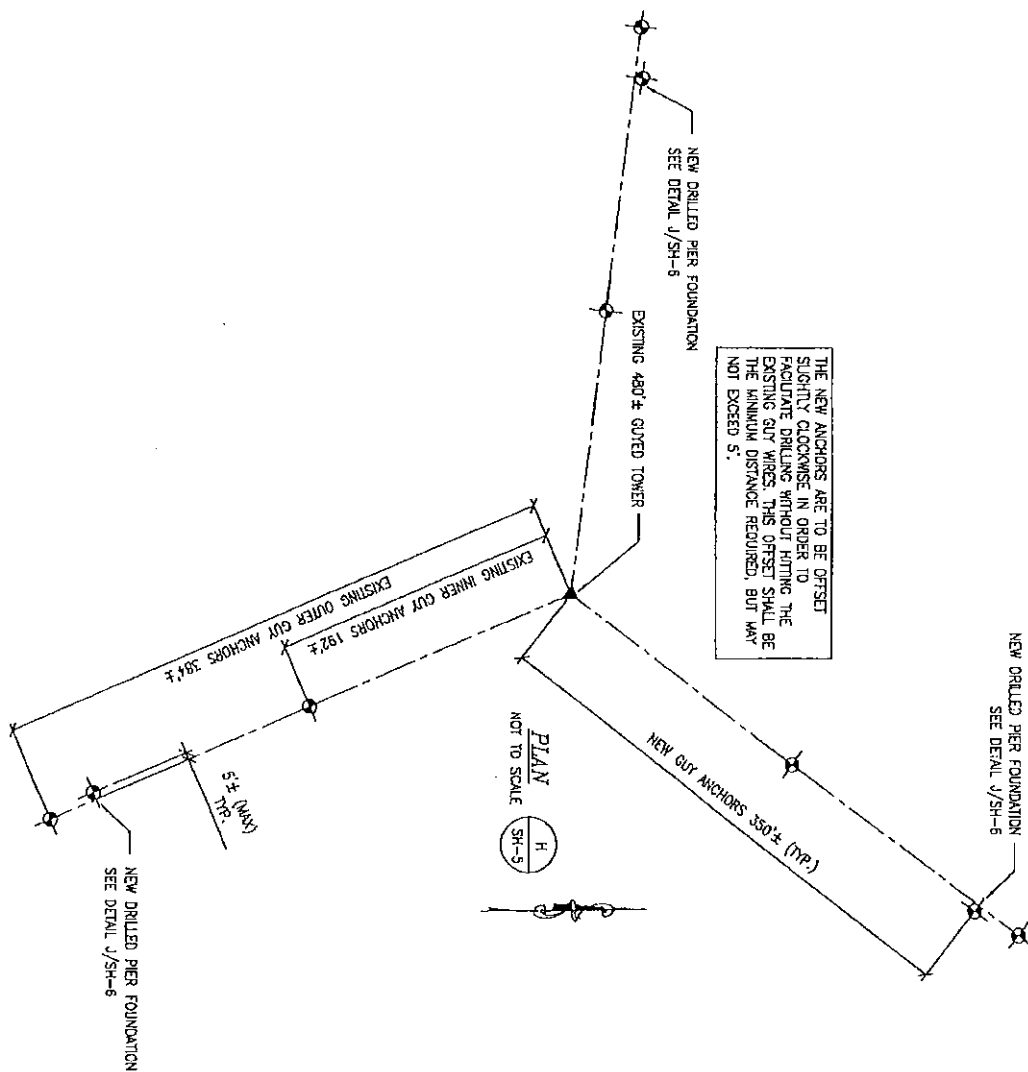


TRANSMISSION LINE LAYOUT

NOT TO SCALE

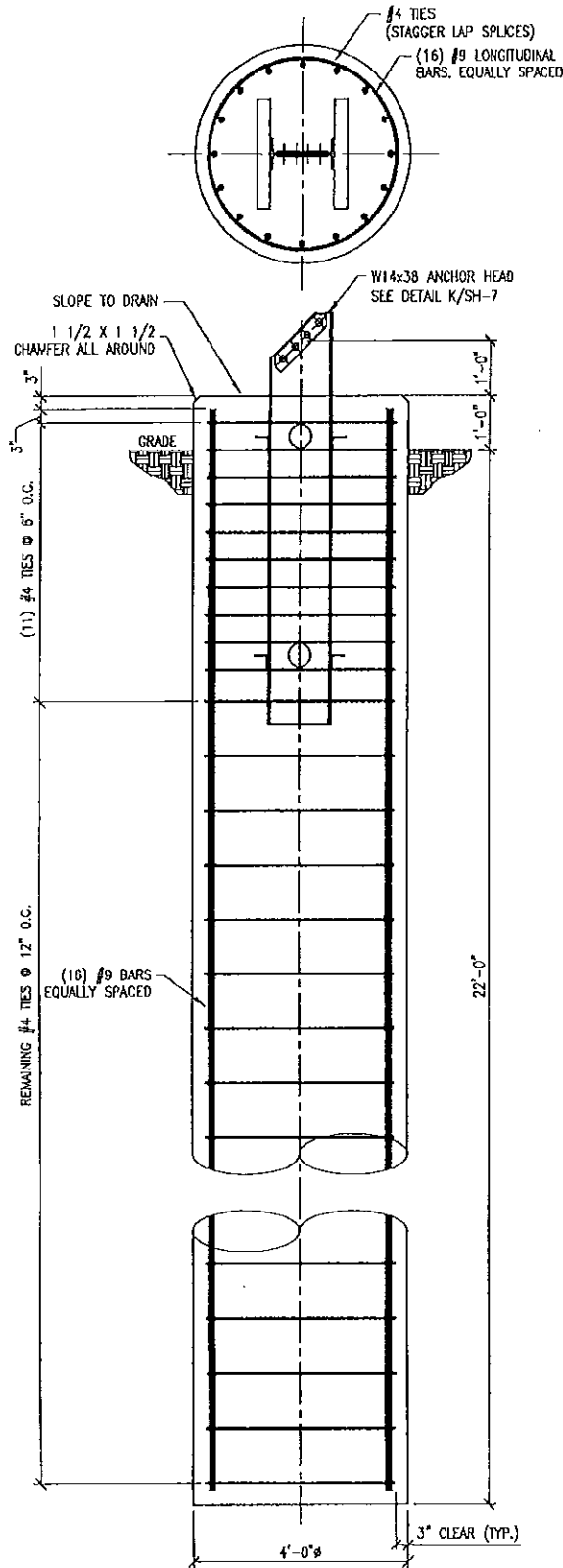
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREON, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2015


DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		PROJECT NO. 58		DATE		DATE	
DETAILS		MODIFICATION TO EXISTING 400' x 600' TOWER SLEEPY HOLLOW SITE FOR		13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 A CERTIFICATE OF AUTHORIZATION: 44524		REV. DESCRIPTION DATE		REV. DESCRIPTION DATE			
AIR NUMBER: 16-141A		SHEET NO. 4 OF 10		MOTOROLA SOLUTIONS		REV. A FOR APPROVAL 7/21/16		REV. B REV FOUNDATION 8/2/16			
						REV. C FOR CONSTRUCTION 8/24/16					



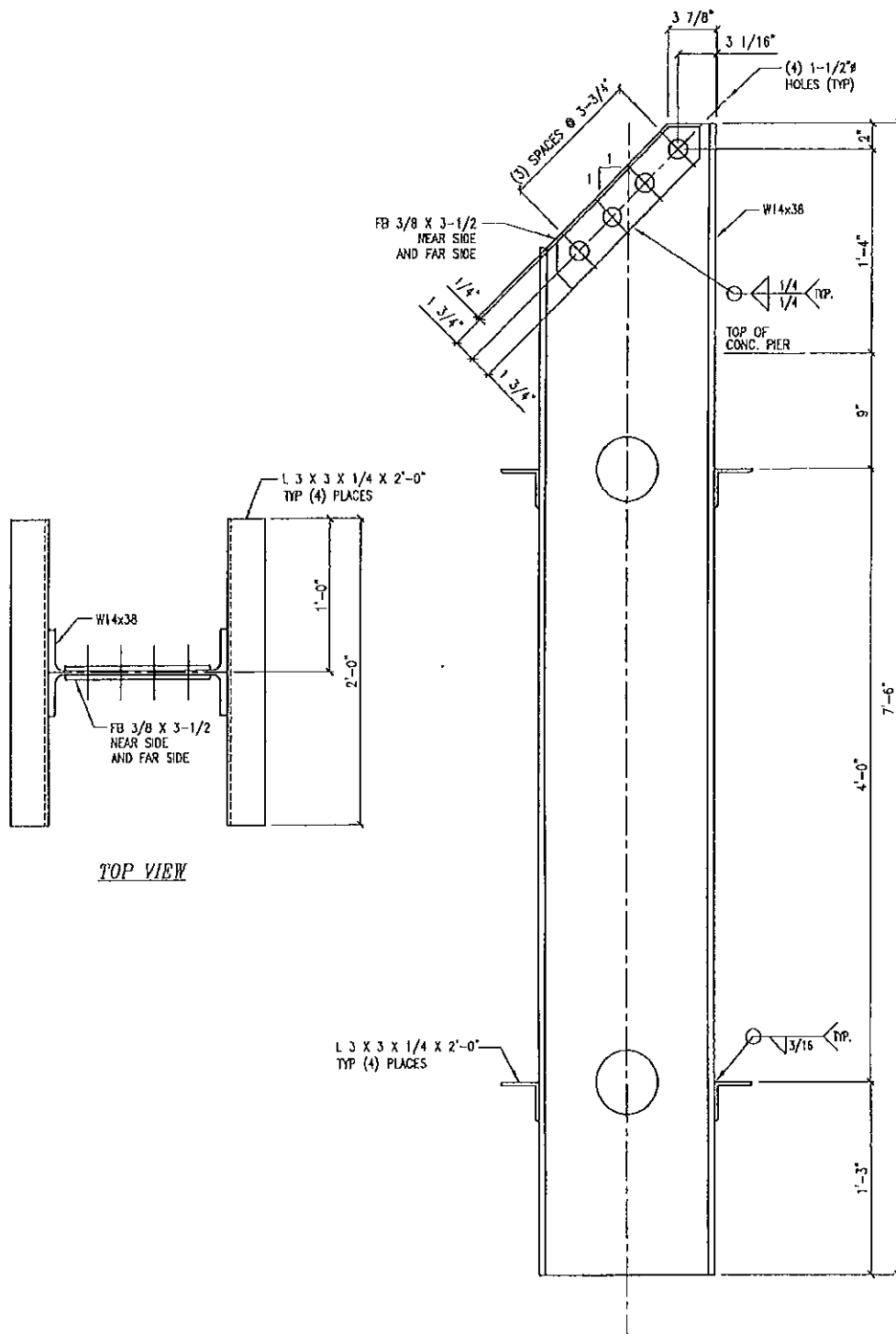
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREON, CONSTITUTES INSTRUMENTS OF SERVICE OF PAE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PAE ENGINEERING, INC. © PAE ENGINEERING, INC., 2016

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015



DRAWING TITLE		JOB TITLE		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-980-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DESIGNED BY KH						DELIVERED RECORD					
FOUNDATION DETAIL		MODIFICATION TO EXISTING 480'± GUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS				DRAWN BY KH			REV. A FOR APPROVAL 7/21/15			REV. B REV FOUNDATION 8/11/15			REV. C FOR CONSTRUCTION 8/25/15		
JOB NUMBER 16-141A		DRAWING NO. SH-6 OF 10		REV. 0				CHECKED BY KH									

ALL DIMENSIONS, SPECIFICATIONS OR WRITTEN MATERIAL APPLICABLE HEREON, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016



DETAIL K
1 1/2" = 1'-0"

DRAWING TITLE			JOB TITLE			DESIGNED BY			DRAWING RECORD		
DETAILS			MODIFICATION TO EXISTING 480± CUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS			SH			REV.	DESCRIPTION	DATE
16-141A			SH-7 OF 10			SH			A	FOR APPROVAL	2/11/18
						SH			B	REV FOUNDATION	2/11/18
						SH			C	FOR CONSTRUCTION	2/25/18

Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-980-0002
FL CERTIFICATE OF AUTHORIZATION #4524

GUY ANCHOR DRILLED PIER DESIGN CRITERIA

LATERAL = 53.7 KIPS
UP/LIFT = 42.2 KIPS

FOUNDATION NOTES

MATERIALS

CONCRETE $f_c = 3,000$ PSI @ 28 DAYS
REINFORCING STEEL ASTM A-615 GRADE 60

NOTES:

- 1.1 CONCRETE SHALL BE DESIGNED, DETAIL, PRODUCED AND PLACED AS PROVIDED FOR IN ACI STANDARD 318, "BUILDING CODE REQUIREMENT FOR STRUCTURAL CONCRETE" AND ACI STANDARD 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE".
- 1.2 REINFORCING STEEL SHALL BE HANDLED, CUT AND PLACED AS PROVIDED FOR IN THE MANUAL OF STANDARD PRACTICE, CRSI.
- 1.3 DRILLED PIERS SHALL CONFORM TO REQUIREMENTS OF ACI 308.1 AND FHWA-NHI-10-016, "DRILLED SHAFTS: CONSTRUCTION PROCEDURES AND LIFT DESIGN METHODS".
- 1.4 GROUNDING CONDUITS, LINES, ETC. SHALL BE RELOCATED AS NECESSARY TO CLEAR THE NEW STRUCTURE GROUNDING SHALL BE MAINTAINED AT ALL TIMES. PROVIDE PROTECTIVE GROUNDING IN ACCORDANCE WITH ANSI/TIA-222-G-2.
- 1.5 THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING. ANY PROBLEMS WITH ACCESS, INTERFERENCE, PROPERTY LINES, ETC. SHALL BE RESOLVED PRIOR TO MOVING ONTO THE JOB SITE. UNDERGROUND UTILITIES SHALL BE LOCATED PRIOR TO BEGINNING WORK. NO EXTRA WILL BE CONSIDERED FOR THESE CONDITIONS.
- 1.6 THE CONTRACTOR MUST COORDINATE THE WORK AND COOPERATE WITH THE TOWER OWNER PRIOR TO MOVING INTO THE SITE.
- 1.7 DRILLING OPERATIONS SHALL BE PLANNED TO ENCOUNTER LOOSE MATERIAL. SPECIAL PRECAUTIONS MUST BE TAKEN TO PREVENT DAMAGING OF WALLS OR HOLE.
- 1.8 DRILLING AND POURING OPERATIONS SHALL BE PROGRAMMED TOGETHER TO BE A SINGLE AND CONTINUOUS PROCEDURE. IN CASE MECHANICAL FAILURE OCCURS DURING DRILLING, THE PART ALREADY DRILLED SHALL BE CLEANED AND THE CONTINUOUS PROCEDURE SHALL BE RESUMED. THE DEPTH OF THE HOLE SHALL BE MEASURED IMMEDIATELY AFTER DRILLING IS COMPLETED AND IMMEDIATELY PRIOR TO POURING. THESE TWO MEASUREMENTS MUST BE THE SAME WITHIN A FEW INCHES.
- 1.9 THE CONTRACTOR SHALL KEEP A DRILLING AND POURING LOG FOR EACH PIER. THE LOG SHALL INCLUDE, BUT NOT BE LIMITED TO, IDENTIFICATION OF PIER, ELEVATION OF WATER, HOLE STABILIZATION USED (SLURRY, CASING, ETC.), VOLUME OF CONCRETE POURED WITH START AND STOP TIMES.
- 1.10 THE CONTRACTOR SHALL OBTAIN FOUR (4) CONCRETE TEST CYLINDERS FROM EACH FOUNDATION CONCRETE POUR IN ACCORDANCE WITH ACI 317.2 (SAMPLING FRESH CONCRETE) AND ASTM C39 (COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS). FURNISH TWO (2) COPIES OF THE TEST RESULTS TO THE ENGINEER FOR THE SEVEN (7) DAY BREAK AND TWENTY-EIGHT (28) DAY BREAK. TOP OF PIERS MUST BE FORMED AND POURED A MINIMUM OF SIX INCHES BELOW FINISHED GRADE. PROVIDE MINIMUM OF 3 OR 4 INCHES (AS SHOWN) OF COVER OVER REBAR BY MEANS OF PLASTIC ROLLERS OR SPACERS.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREON, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC.

© PATE ENGINEERING, INC. 2016

FOUNDATION NOTES		MODIFICATION TO EXISTING 483'x GUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0802 FL CERTIFICATE OF AUTHORIZATION #1524		REVISION RECORD <table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>FOR APPROVAL</td> <td>7/21/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>REV. FOUNDATION</td> <td>8/4/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>FOR CONSTRUCTION</td> <td>8/24/16</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		NO.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	1	FOR APPROVAL	7/21/16				2	REV. FOUNDATION	8/4/16				3	FOR CONSTRUCTION	8/24/16			
NO.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE																										
1	FOR APPROVAL	7/21/16																													
2	REV. FOUNDATION	8/4/16																													
3	FOR CONSTRUCTION	8/24/16																													
NO. 16-141A	REVISED NO. SH-8 OF 10	REV. 0																													

DESIGN CRITERIA

THIS TOWER HAS BEEN ANALYZED AND THESE DRAWINGS REPRESENT MODIFICATIONS REQUIRED TO SUPPORT THE FOLLOWING ANTENNAS AND LINES IN ACCORDANCE WITH AWS/7M-222-G-2 FOR THE FOLLOWING CRITERIA:

V_W = 103.8 MPH (3-SEC GUST NOMINAL WIND SPEED)
 CLASS II (I=10)
 EXPOSURE C

TOPOGRAPHIC CATEGORY 1

THE ABOVE CRITERIA MEETS OR EXCEEDS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 5TH EDITION (2014) FOR THE FOLLOWING CRITERIA:

V_W = 134 MPH (RISK CATEGORY III/IV) (3-SECOND GUST ULTIMATE WIND SPEED)
 EXPOSURE C

ELEV. (FT.) NOTES

DESCRIPTION

TRANSMISSION LINES

ELEV. (FT.)	NOTES	DESCRIPTION	TRANSMISSION LINES
477 ±	A	WAP ANTENNA	TO AMPLIFIER
477 ±	A	AMPLIFIER	7/8" & 1/2"
477 ±	A	6" SIDE ARM	1-5/8"
466 ±	A	WAP ANTENNA	1-5/8"
464 ±	A	6" SIDE ARM	1-5/8"
457 ±	A	WAP ANTENNA	1-5/8"
457 ±	A	6" SIDE ARM	1-5/8"
416 ±	A	WAP ANTENNA	1-5/8"
416 ±	A	6" SIDE ARM	1-5/8"
415 ±	A	WAP ANTENNA	1-5/8"
366 ±	A	WAP ANTENNA	1-5/8"
355 ±	A	WAP ANTENNA	1-5/8"
304 ±	A	WAP ANTENNA	1-5/8"
121 ±	A	WAP ANTENNA	1-5/8"
69 ±	A	WAP ANTENNA	1-5/8"

450 ±	A	WAP ANTENNA	TO AMPLIFIER
450 ±	A	AMPLIFIER	7/8" & 1/2"
430 ±	A	6" SIDE ARM	1-5/8"
410 ±	A	WAP ANTENNA	1-5/8"
115 ±	A	WAP ANTENNA	1-5/8"

NOTES:

- THESE ANTENNAS, MOUNTS, AND TRANSMISSION LINES ARE TO BE REMOVED FROM THE TOWER AND WERE NOT INCLUDED IN THIS DESIGN.
- THIS ANTENNA WAS ASSUMED TO BE MOUNTED ON A 6" SIDE ARM CONSISTING OF (2) 4" ANGLE MEMBERS X 10' LONG AND A 2" PIPE X 4' LONG AT THE END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE SOUTH TOWER FACE AND EXTEND 6' TOWARDS THE WEST.
- THESE (2) PANEL ANTENNAS WERE ASSUMED TO BE MOUNTED WITH (2) 4" ANGLE MEMBERS X 12' LONG WITH A 3" PIPE X 5' LONG ON EACH END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE EAST TOWER FACE (CENTERED ON THE FACE) WITH A PIPE ON EACH END.
- THE DISH ANTENNAS WERE ASSUMED TO BE MOUNTED ON 4" PIPES X 6' LONG ATTACHED TO THE TOWER WITH (2) 5" ANGLE MEMBERS X 5' LONG. THE DISHES WERE ASSUMED TO HAVE ONE TIE-BACK MEMBER.

GENERAL NOTES

MATERIALS:

STRUCTURAL STEEL, PIPE AND PLATES ASTM A36 F_y = 36.0 KSI
 EHS CRY WIRE ASTM A475 (EXTRA HIGH STRENGTH) CLASS A GALVANIZED
 U-BOLTS ASTM A36 F_y = 36.0 KSI OR STAINLESS STEEL TYPE 304
 WELD ELECTRODES E70 SERIES

1. BOLTS

1.1 ALL BOLTS 1/2" DIA. AND LARGER, SHALL BE A325X THREADS EXCLUDED FROM SHEAR PLANE, AND FURNISHED WITH A HEAVY HEX NUT, HEAVY ROUND WASHER, AND HEAVY "NUT". ALL HOT-DIPPED GALVANIZED, UNLESS OTHERWISE NOTED OR APPROVED EQUAL.

1.2 U-BOLTS SHALL BE FURNISHED WITH HEAVY WASHERS, HEAVY HEX NUTS AND "NUTS". ALL HOT-DIPPED GALVANIZED OR STAINLESS STEEL, NUTS SHALL BE FURNISHED "RUN UP" ON U-BOLT.

2. FABRICATION

2.1 ALL STEEL FABRICATION SHALL BE DONE IN ACCORDANCE WITH AWS "STEEL CONSTRUCTION MANUAL", LATEST EDITION.

2.2 HOLES SHALL BE 1/16" LARGER THAN BOLT DIAMETER SPECIFIED UNLESS OTHERWISE NOTED.

2.3 DUE TO THE ABSENCE OF ORIGINAL FABRICATION DRAWINGS AND DIMENSIONS ON THIS TOWER, THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS GIVEN ON THESE DRAWINGS.

2.4 SLOTTED HOLES MAY NOT BE USED UNLESS SPECIFICALLY SHOWN ON THESE DRAWINGS.

2.5 ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS STRUCTURAL WELDING CODE D1.1, LATEST EDITION.

2.6 WELDER SHALL HOLD CURRENT CERTIFICATES FOR THE PROCESS AND POSITION BEING USED.

2.7 WELDING ROD MATERIAL SHALL BE COMPATIBLE IN CHEMISTRY AND STRENGTH TO HIGHEST GRADE BASE METAL.

2.8 ALL WELDED CONNECTIONS SHALL BE "SEAL" WELDED TO PREVENT WEAVING OF RUST FROM CONNECTIONS.

2.9 ALL STEEL MATERIAL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123.

2.10 AFTER GALVANIZING, ALL THREADS AND OTHER DETAILS SHALL BE PROPERLY CLEANED. ALL BOLTS, ETC. SHALL BE REMOVED FROM ALL GALVANIZED MATERIAL PRIOR TO SHIPMENT. DRAIN HOLES SHALL BE PROVIDED FOR CLOSED SECTIONS.

2.11 THESE DRAWINGS ARE NOT FABRICATION (SHOP) DRAWINGS. THE USE OF ANY DIMENSIONS ON THESE DRAWINGS FOR FABRICATION PURPOSES, IS DONE AT THE SOLE RISK OF THE CONTRACTOR.

2.12 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.

3. ERECTION

3.1 PRIOR TO BEGINNING ON THIS PROJECT, THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE IF ANY CLEARANCE PROBLEMS EXIST BETWEEN THE EXISTING AND NEW HARDWARE. ANY RELOCATION OF EXISTING HARDWARE (ANTENNAS, MOUNTS, WAREHOUSE, LADDERS, ETC.) REQUIRED TO INSTALL THE NEW HARDWARE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO EXTRAS WILL BE CONSIDERED FOR THIS CONDITION.

3.2 FIELD DRILLED HOLES AND CUTS AND DAMAGED GALVANIZED SURFACES SHALL BE GIVEN ONE (1) BRUSH COAT OF ZINC LIQUID (800-831-3275) TO A 5 MIL WET FILM THICKNESS. PREPARE SURFACES AND APPLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. A TOP COAT OF HIGH UV RESISTANCE ACRYLIC PAINT SHALL BE APPLIED OVER THE ZNC.

3.3 FIELD CUTS AND HOLES SHALL BE MADE WITH POWER TOOLS SUCH AS POWER HACKSAWS, DRILLS OR PUNCHES. CUTS AND HOLES MAY NOT BE BURNED.

3.4 NO TOWER MODIFICATIONS SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

3.5 WHERE EXISTING COAX, WAREHOUSE, ANTENNAS, ETC. INTERFERE WITH THIS MODIFICATION WORK, THEY SHALL BE RELOCATED AND PROPERLY SECURED. WHERE NECESSARY, THEY SHALL BE TEMPORARILY RELOCATED AND SECURED AFTER THE WORK IS COMPLETE. THEY SHALL BE INSTALLED IN THEIR FINAL LOCATION AND PROPERLY SECURED. RE-ATTACH THE CLIMB UNDER SUPPORTS TO NEW REPLACEMENT DIAGONALS USING THE EXISTING HARDWARE.

3.6 INSTALL NEW TRANSMISSION LINES AS SHOWN ON "TRANSMISSION LINE LAYOUT PLAN" (SHEET SH-4).

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2014

DRAWING TITLE		NOTES		DATE		REV.	
MODIFICATION TO EXISTING 480' & GUYED TOWER SLEEPY HOLLOW SITE FOR		NOTES		DATE		REV.	
MOTOROLA SOLUTIONS		NOTES		DATE		REV.	
16-141A		SH-8 OF 10		7/11/16		0	

Pate Engineering Inc.		13540 N. FLORIDA AVE. SUITE 203		TAMPA, FLORIDA 33613		813-960-0002		FL CERTIFICATE OF AUTHORIZATION #4524	
DESIGNED BY		SK		CHECKED BY		SK		DATE	
DRAWN BY		SK		FOR APPROVAL		7/11/16			
COURTESY BY		SK		REV. FOUNDATION		6/1/16			
APPROVED BY		SK		FOR CONSTRUCTION		5/11/16			

3. ERECTION (CONTINUED)
- 3.7 INSTALL NEW ANTENNA MOUNTS AS DESCRIBED IN THE NOTES SECTION UNDER THE DESIGN ANTENNA LIST.
- 3.8 IF THE TRANSMISSION LINES ARE NOT LOCATED AS SHOWN ON THESE DRAWINGS OR IF ANTENNA MOUNTS SUBSTANTIALLY LARGER THAN DESCRIBED ARE INSTALLED, OVER STRESS OF THE TOWER MAY OCCUR. A RE-ANALYSIS OF THE TOWER MAY BE NECESSARY TO DETERMINE THE STRESS STATE OF THE TOWER.
- 3.9 THE RELOCATION OF GUY WIRES SHALL BE ONE CONTINUOUS OPERATION. RELOCATE ONE GUY WIRE AT A TIME. PROVIDE TEMPORARY GUNING AS REQUIRED. NO GUY WIRE REMOVAL SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 3.10 RELOCATED GUY WIRES SHALL BE GROUNDED PER OWNERS REQUIREMENTS.
- 3.11 WHERE FIELD WORK IS CARRIED OUT NEAR EXISTING COAX AND ANTENNAS, EXTREME CARE SHALL BE EXERCISED AND PROTECTION PROVIDED AS REQUIRED TO PREVENT DAMAGE TO TRANSMISSION EQUIPMENT OR INTERRUPTION OF TRANSMISSION SERVICE.
- 3.12 NEW BOLTS SHALL BE TIGHTENED AND TENSIONED BY THE "TURN OF THE NUT" METHOD, PER AISC MANUAL OF STEEL CONSTRUCTION, I.E. 1/3 TURN BEYOND "SNUG" TIGHT.
- 3.13 U-BOLTS SHALL BE "SNUG" TIGHT. DO NOT BEND PLATES.
- 3.14 AFTER TOWER MODIFICATIONS HAVE BEEN COMPLETED, RETENSION ALL GUYS TO THE INITIAL TENSION (1T) SHOWN AND REPLUMB THE TOWER.
- 3.15 ALL CONSTRUCTION PROCEDURES SHALL COMPLY WITH THE SAFETY REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS.
- 3.16 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PAIE ENGINEERING, INC.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTE INSTRUMENTS OF SERVICE OF PAIE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PAIE ENGINEERING, INC. © PAIE ENGINEERING, INC. 2016

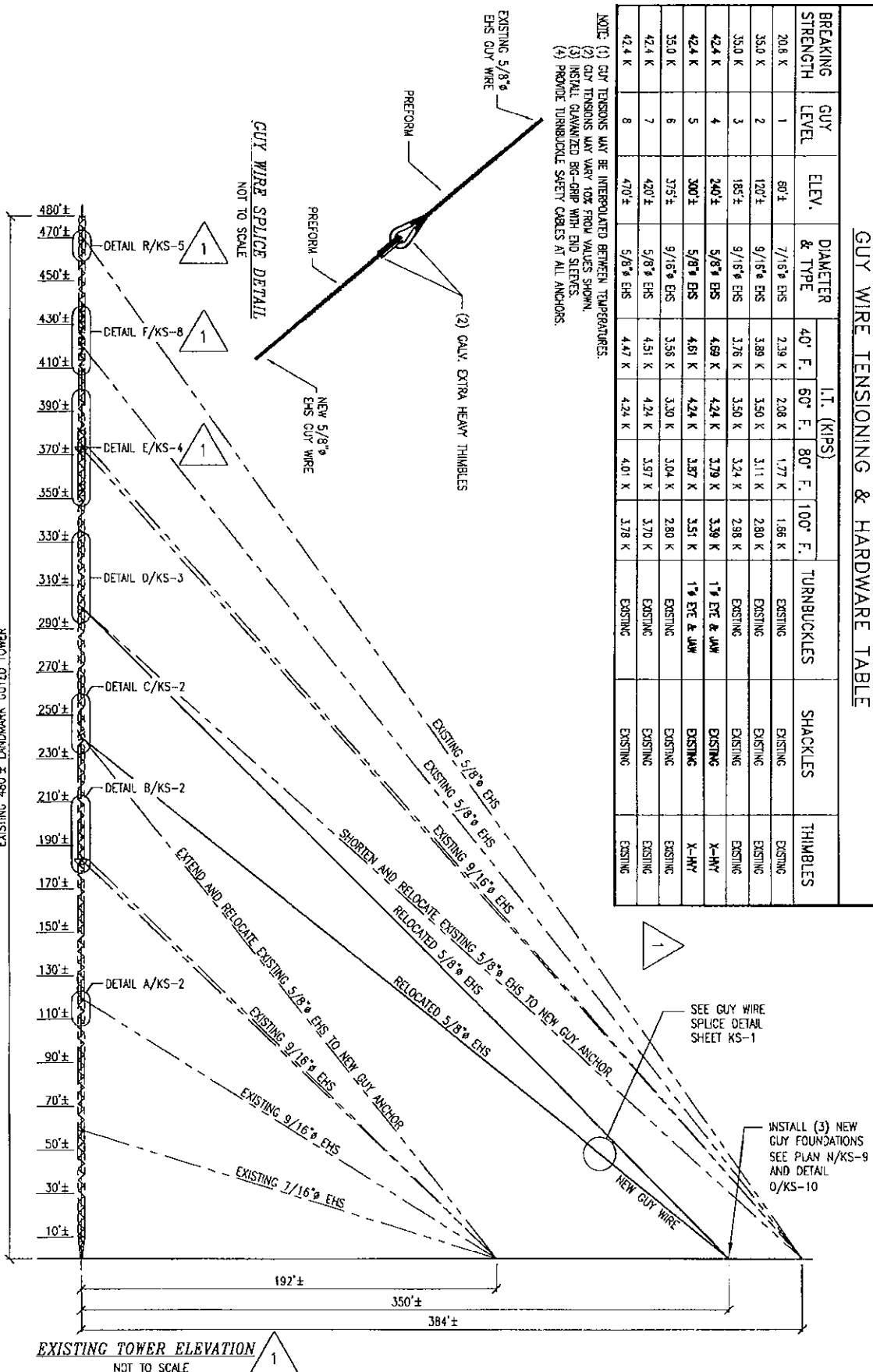
NOTES 16-141A			JOB NUMBER 16-141A			DRAWING NO. SH-10 OF 10			REV. 0		
JOB TITLE MODIFICATION TO EXISTING 480'± GUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS						Pate Engineering Inc. 13540 N. FLORIDA AVE, SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION 14524					
DESIGNED BY SH			CHECKED BY SH			APPROVED BY SH			DATE 7/21/16		
REV. A			DESCRIPTION FOR APPROVAL			DATE 7/21/16			REV. B		
DESCRIPTION FOR FOUNDATION			DATE 6/4/16			REV. C			DESCRIPTION FOR CONSTRUCTION		
DATE 6/24/16			REV. D			DESCRIPTION FOR CONSTRUCTION			DATE 6/24/16		

Addendum No. 3
[Keystone Tower Remediation Plans]


GUY WIRE TENSIONING & HARDWARE TABLE

BREAKING STRENGTH	GUY LEVEL	ELEV. & TYPE	I.T. (KIPS)				TURNBUCKLES	SHACKLES	THIMBLES
			40' F.	60' F.	80' F.	100' F.			
20.8 K	1	60± 7/16" EHS	2.39 K	2.08 K	1.77 K	1.66 K	EXISTING	EXISTING	EXISTING
35.0 K	2	120± 9/16" EHS	3.89 K	3.50 K	3.11 K	2.90 K	EXISTING	EXISTING	EXISTING
35.0 K	3	185± 9/16" EHS	3.76 K	3.50 K	3.24 K	2.98 K	EXISTING	EXISTING	EXISTING
42.4 K	4	240± 5/8" EHS	4.69 K	4.24 K	3.79 K	3.39 K	1" ETE & JAW	EXISTING	X-HY
42.4 K	5	300± 5/8" EHS	4.61 K	4.24 K	3.87 K	3.51 K	1" ETE & JAW	EXISTING	X-HY
35.0 K	6	375± 9/16" EHS	3.58 K	3.30 K	3.04 K	2.80 K	EXISTING	EXISTING	EXISTING
42.4 K	7	420± 5/8" EHS	4.51 K	4.24 K	3.97 K	3.70 K	EXISTING	EXISTING	EXISTING
42.4 K	8	470± 5/8" EHS	4.47 K	4.24 K	4.01 K	3.78 K	EXISTING	EXISTING	EXISTING

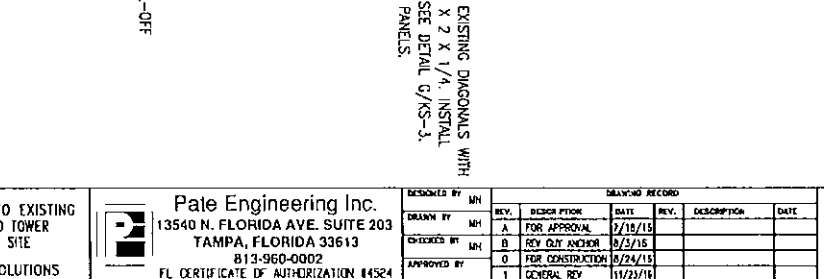
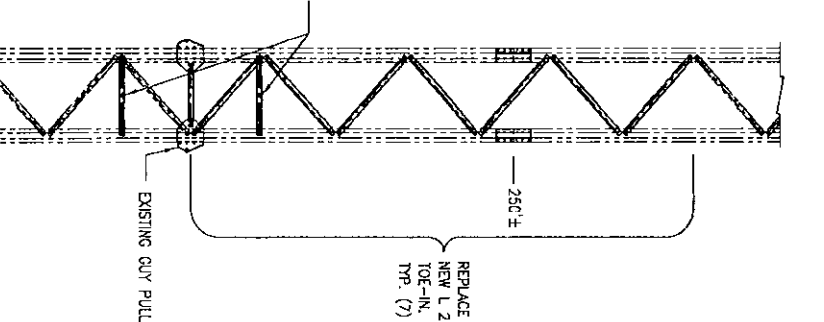
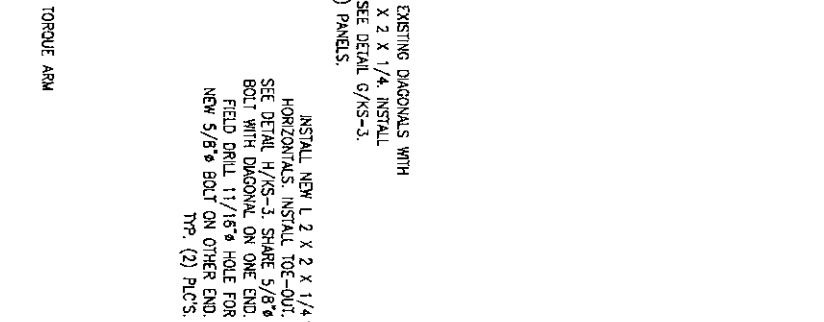
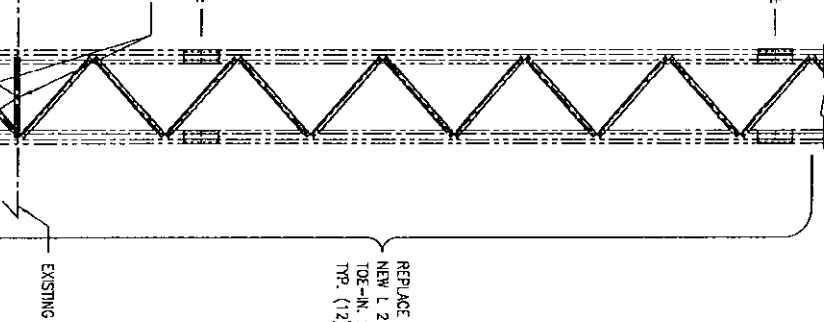
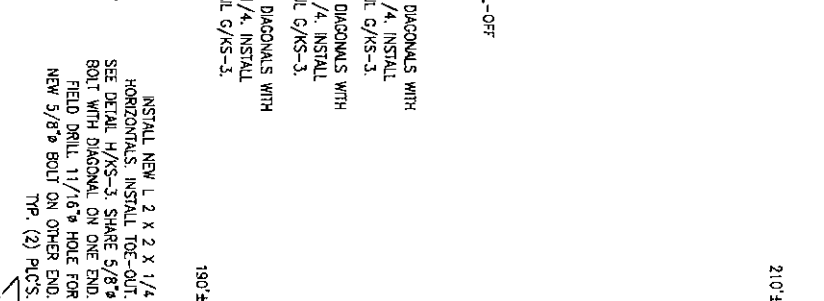
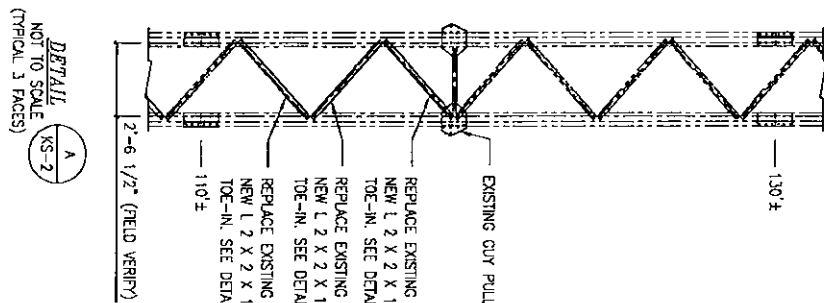
NOTE: (1) GUY TENSIONS MAY BE INTERPOLATED BETWEEN TEMPERATURES.
 (2) GUY TENSIONS MAY VARY 10% FROM VALUES SHOWN.
 (3) INSTALL GALVANIZED BG-GRP WITH END SLEEVES.
 (4) PROVIDE TURNBUCKLE SAFETY CABLES AT ALL ANCHORS.



ALL DIMENSIONS, SPECIFICATIONS OR MATERIALS APPEARING HEREIN, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015

DRAWING TITLE				JOB TITLE		Pate Engineering Inc.		DESIGNED BY				DRAWING RECORD					
GENERAL ARRANGEMENT				MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS				13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-950-0002 FL CERTIFICATE OF AUTHORIZATION #4324		MH		REV.		DESCRIPTION		DATE	
JOB NUMBER		DRAWING NO.		REV.						MH		A		FOR APPROVAL		7/18/16	
16-1418		KS-1 OF 14		1						MH		B		REV GUY ANCHOR		8/3/16	
										MH		C		FOR CONSTRUCTION		8/24/16	
										MH		1		GENERAL REV		1/23/17	

Pate Engineering Inc.
 13540 N. FLORIDA AVE. SUITE 203
 TAMPA, FLORIDA 33613
 813-960-0002
 FL CERTIFICATE OF AUTHORIZATION #1524



ALL DIMENSIONS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

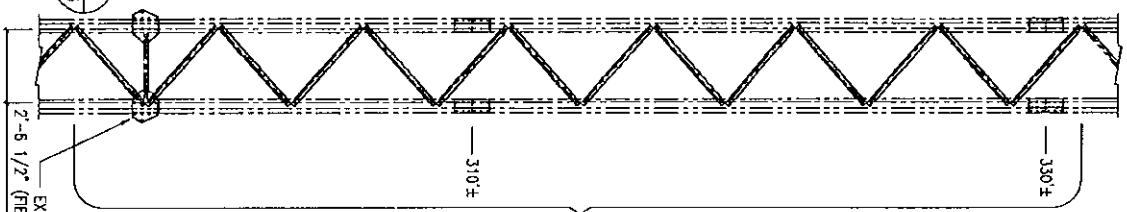
DRAWING TITLE			
DETAILS			
JOB NUMBER	DRAWING NO.	REV.	1
16-141B	KS-2 OF 14		

JOB TITLE			
MODIFICATION TO EXISTING 480' ± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS			

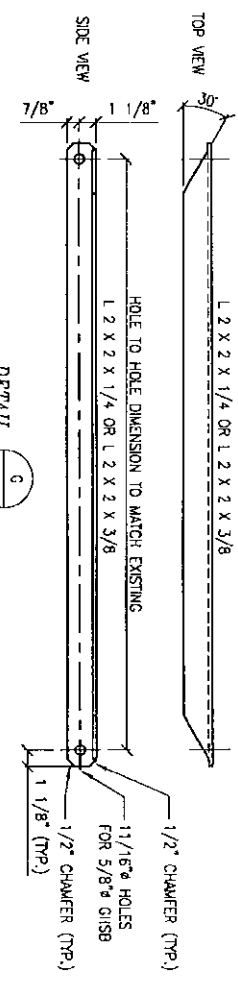
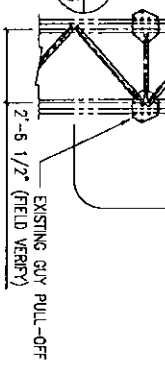


Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

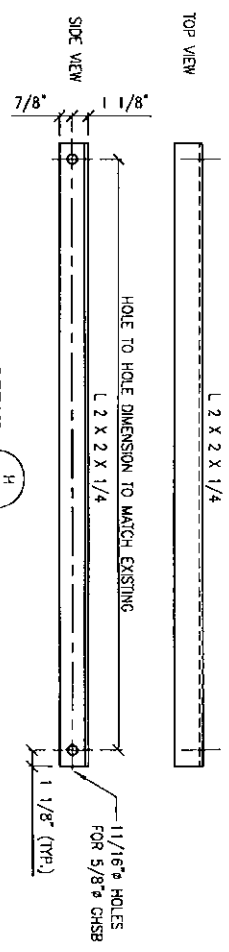
DESIGNED BY		DATE/REV RECORD			
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
A	FOR APPROVAL	2/18/15			
B	REV GUY ANCHOR	8/3/15			
C	FOR CONSTRUCTION	8/24/15			
D	GENERAL REV	11/23/16			



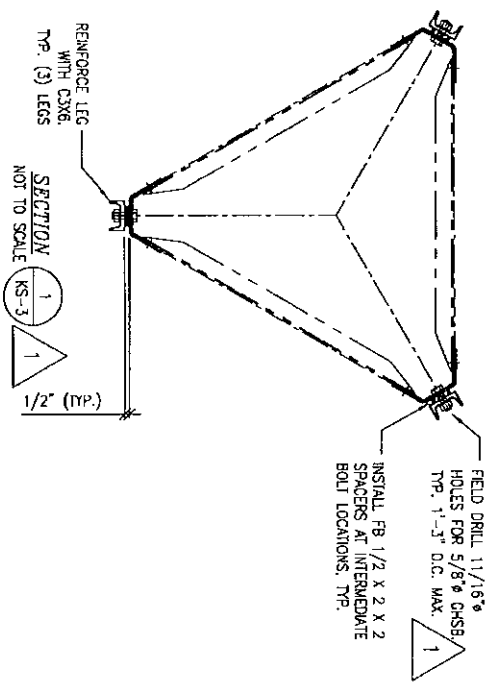
REPLACE EXISTING DIAGONALS WITH
NEW L 2 X 2 X 1/4. INSTALL
TIE-IN. SEE DETAIL G/KS-3.
TYP. (14) PANELS.



DETAIL
KS-3
NOT TO SCALE



DETAIL
KS-3
NOT TO SCALE



SECTION
KS-3
NOT TO SCALE

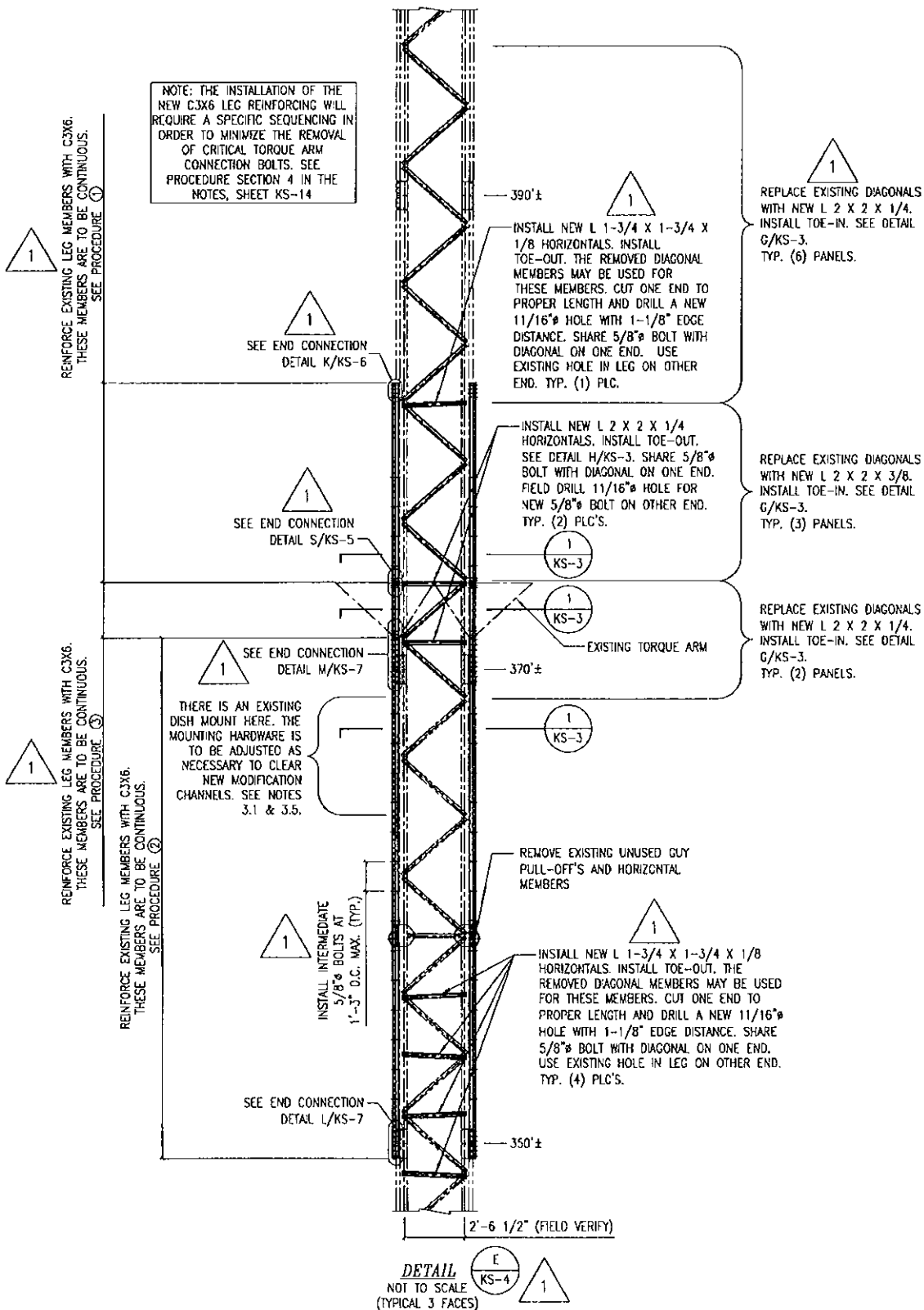
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES "INSTRUMENTS OF SERVICE" OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE			DESIGNED BY			DRAWING RECORD		
DETAILS			MH			REV.	DESCRIPTION	DATE
JOB TITLE			DRAWN BY			A	FOR APPROVAL	7/15/15
MODIFICATION TO EXISTING			CHECKED BY			B	REV QM INCHOR	8/3/15
480'x4 GUYED TOWER			APPROVED BY			C	FOR CONSTRUCTION	8/24/15
KEYSTONE SITE						1	GENERAL REV	11/23/15
FOR								
MOTOROLA SOLUTIONS								



Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION 44524

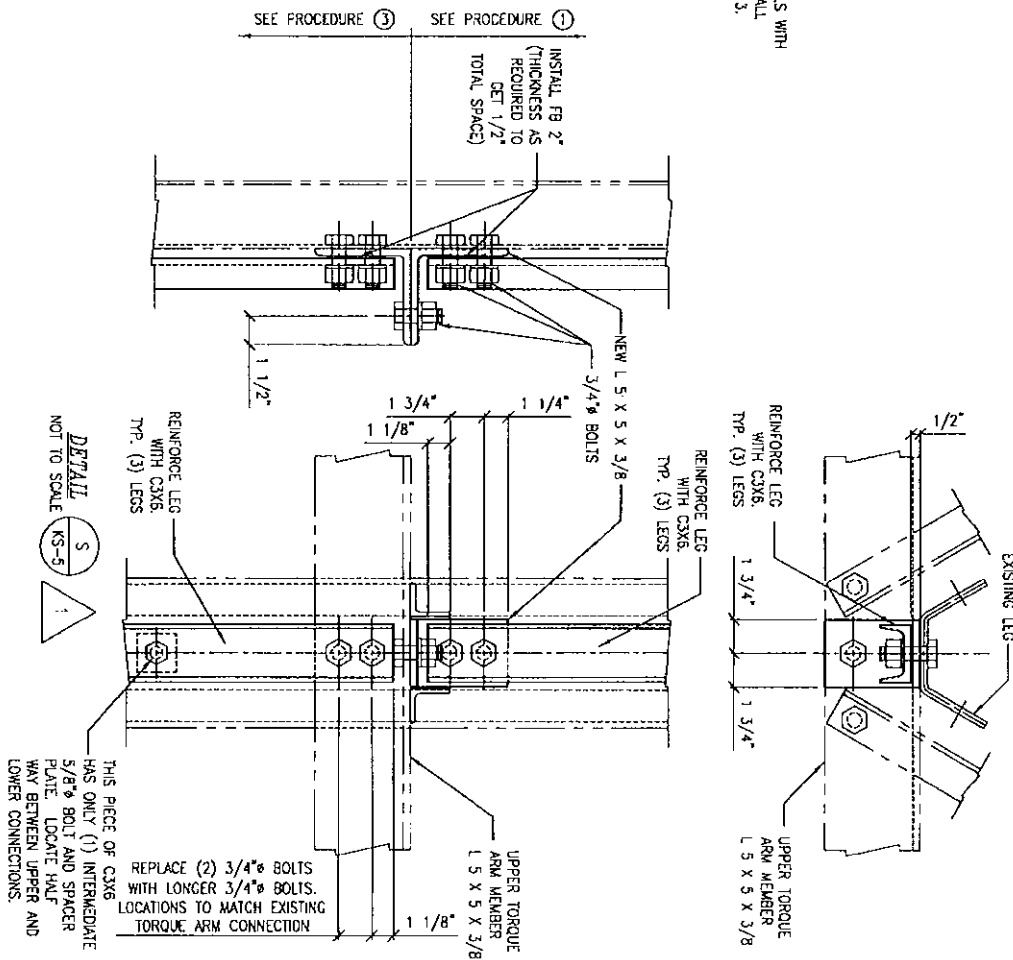
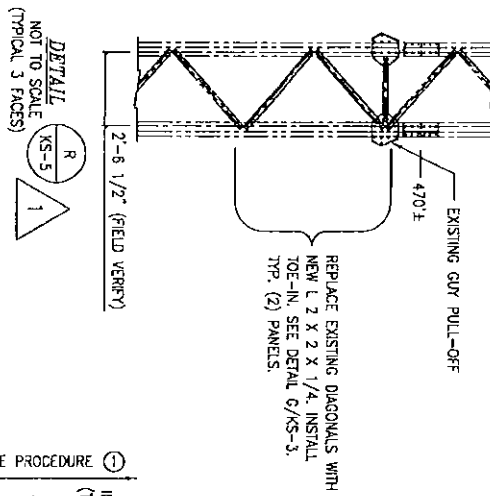
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016



DRAWING TITLE		JOB TITLE		DESIGNED BY		DRAWING RECORD	
DETAILS		MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		M4			
JOB NUMBER 16-141B		DRAWING NO. KS-4 OF 14		DRAWN BY M4		REV. DESCRIPTION DATE	
				CHECKED BY M4		1. FOR APPROVAL 7/15/10	
						2. REV OUT ANCHOR 8/3/10	
						3. FOR CONSTRUCTION 8/21/10	
						4. GENERAL REV 11/23/10	



Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524



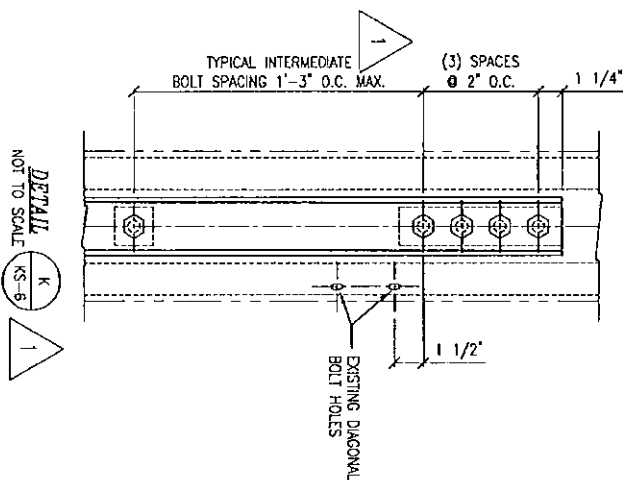
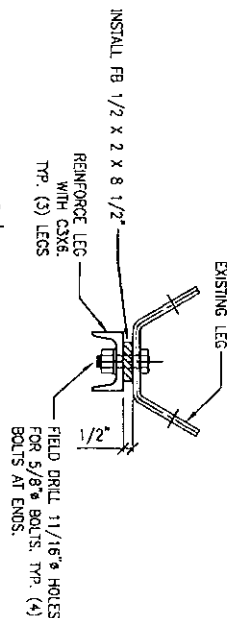
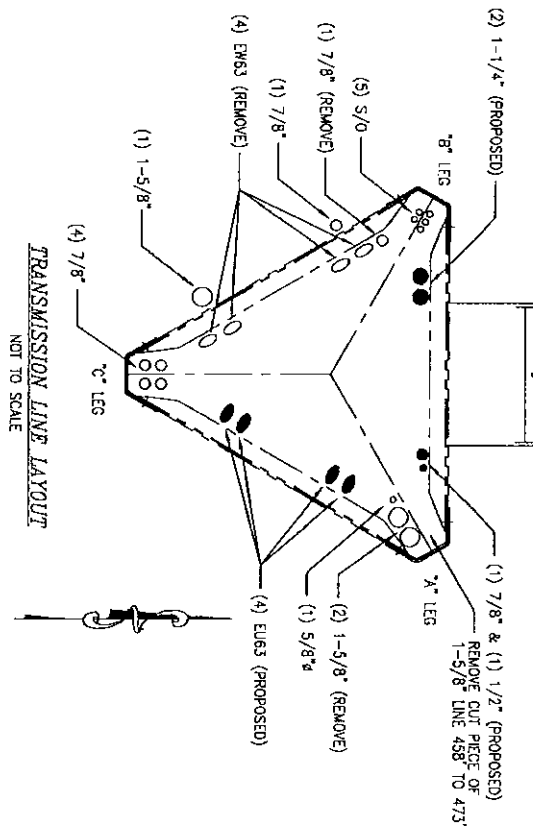
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREON, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

DRAWING TITLE		
DETAILS		
JOB NUMBER	DRAWING NO.	REV.
16-141B	KS-5 OF 14	1

JOB TITLE
MODIFICATION TO EXISTING
480' ± GUYED TOWER
KEYSTONE SITE
FOR
MOTOROLA SOLUTIONS

Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

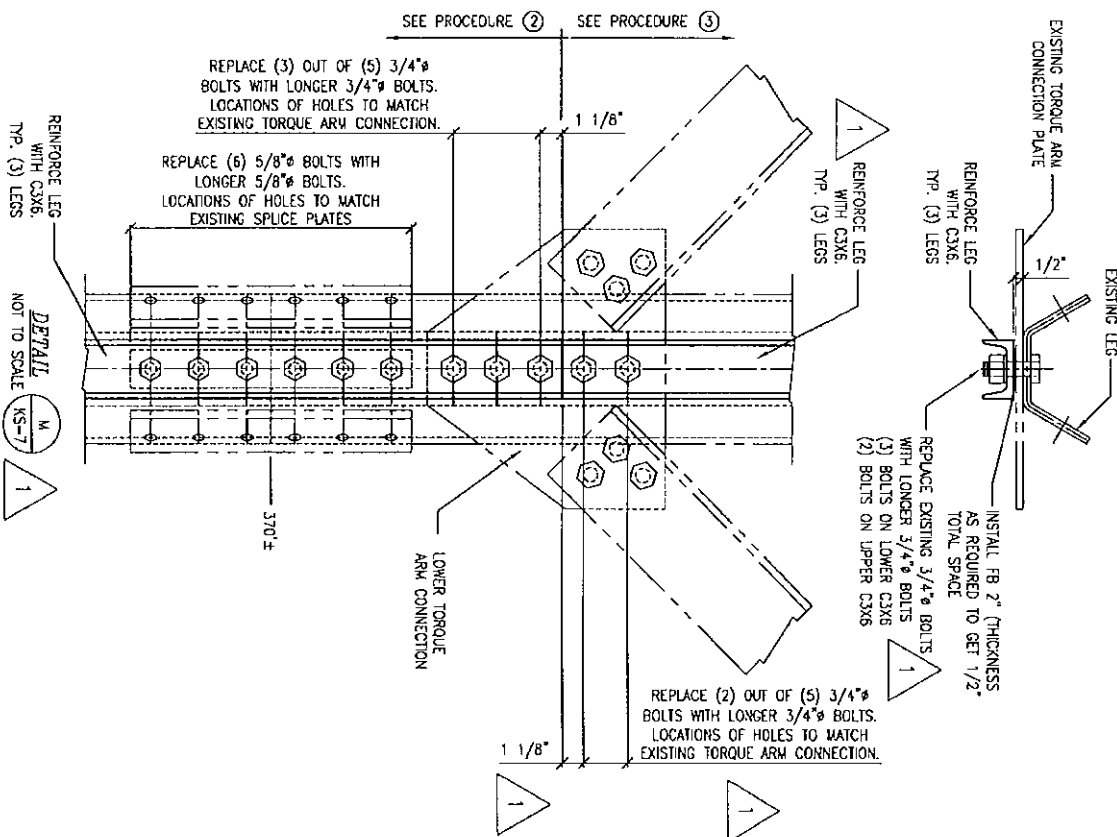
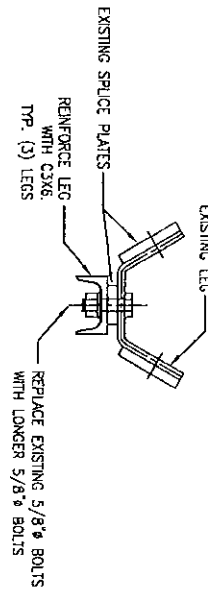
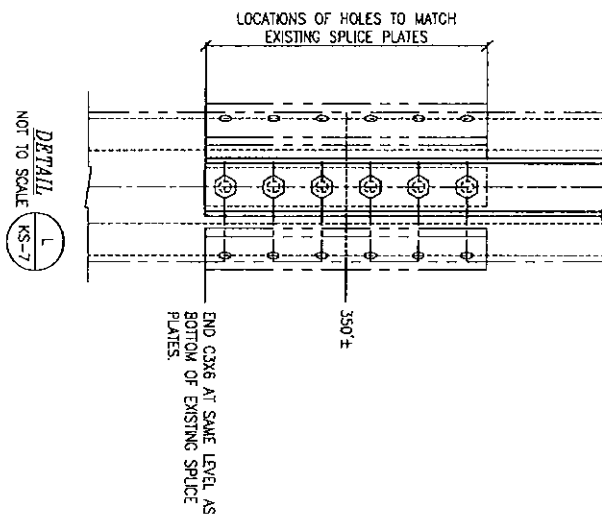
DESIGNED BY		GRAPHIC RECORD			
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
A	FOR APPROVAL	7/15/16			
B	REV GUY ANCHOR	8/3/16			
C	FOR CONSTRUCTION	8/24/16			
1	GENERAL REV	11/23/16			



ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2015

DRAWING TITLE				JOB TITLE		Pate Engineering Inc.		DESIGNED BY		DRAWING RECORD					
DETAILS				MODIFICATION TO EXISTING 480± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		WH		REV. DESCRIPTION DATE REV. DESCRIPTION DATE					
JOB NUMBER		DRAWING NO.						WH		A		FOR APPROVAL		7/18/16	
16-1418		KS-6 OF 14						WH		B		REV GUY ANCHOR		8/3/16	
										D		FOR CONSTRUCTION		8/24/16	
										T		GENERAL REV		11/23/16	

ALL DIMENSIONS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

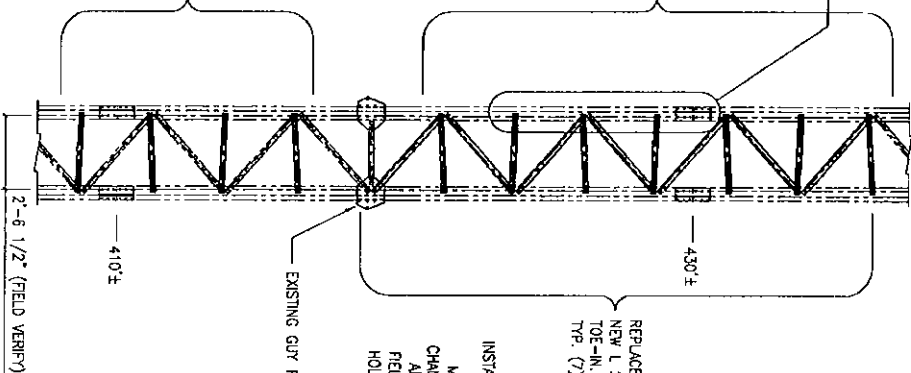


DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		DESIGNED BY		DATE		REVISION RECORD	
DETAILS		MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-980-0002 FL CERTIFICATE OF AUTHORIZATION #4324		REV. A		3/18/16		REV. DESCRIPTION DATE	
JOB NUMBER 16-1418		DRAWING NO. KS-7		REV. 1		REV. B		REV. BY INCHER 8/23/16			
						REV. C		FOR CONSTRUCTION 8/24/16			
						REV. D		GENERAL REV 11/23/16			

THE "C" LEG (OPPOSITE FROM THE CLIMBING LADDER) HAS A DAMAGED AREA. ADDITIONAL REINFORCING (SEE DETAIL 1/KS-8) AND BRACING PROCEDURE FOR DIAGONAL REPLACEMENT (SEE DETAIL U/KS-8) WILL BE REQUIRED.

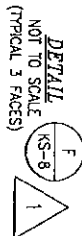
INSTALL NEW L 1-3/4 X 1-3/4 X 1/8 HORIZONTALS. INSTALL TOE-OUT. THE REMOVED DIAGONAL MEMBERS MAY BE USED FOR THESE MEMBERS. CUT ONE END TO PROPER LENGTH AND DRILL A NEW 11/16" HOLE WITH 1-1/8" EDGE DISTANCE. SHARE 5/8" BOLT WITH DIAGONAL ON ONE END. USE EXISTING HOLE IN LEG ON OTHER END. TYP. (7) PLCS.

INSTALL NEW L 1-3/4 X 1-3/4 X 1/8 HORIZONTALS. INSTALL TOE-OUT. THE REMOVED DIAGONAL MEMBERS MAY BE USED FOR THESE MEMBERS. CUT ONE END TO PROPER LENGTH AND DRILL A NEW 11/16" HOLE WITH 1-1/8" EDGE DISTANCE. SHARE 5/8" BOLT WITH DIAGONAL ON ONE END. USE EXISTING HOLE IN LEG ON OTHER END. TYP. (4) PLCS.

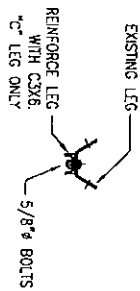


REPLACE EXISTING DIAGONALS WITH NEW L 2 X 2 X 1/4. INSTALL TOE-IN. SEE DETAIL G/KS-3. TYP. (7) PANELS

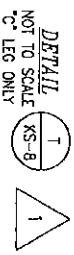
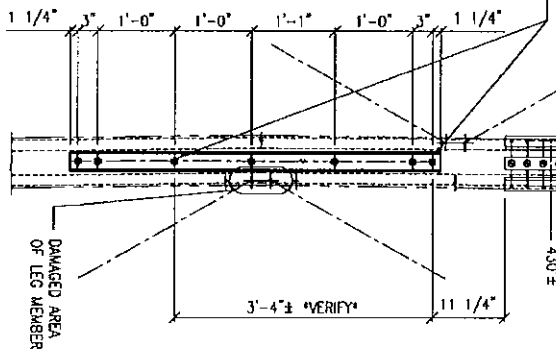
INSTALL 5/8" BOLT IN THESE (2) EXISTING HOLES IN THE LEG MEMBER TO ATTACH AND ALIGN CHANNEL AFTER THESE (2) BOLTS ARE INSTALLED AND TIGHTENED. FIELD DRILL THE OTHER 11/16" HOLES FOR 5/8" BOLTS IN THE LOCATIONS SHOWN.



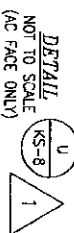
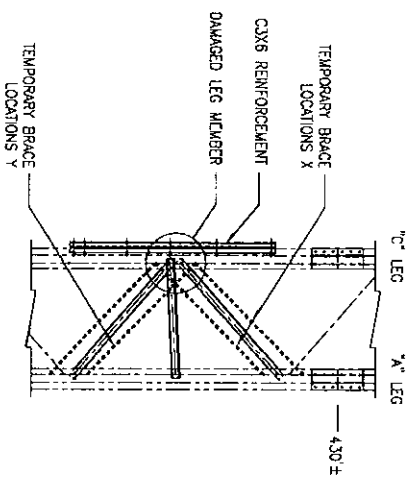
DETAIL F/KS-8
NOT TO SCALE
(TYPICAL 3 FACES)



REINFORCE LEG WITH C36 "C" LEG ONLY



DETAIL T/KS-8
NOT TO SCALE
"C" LEG ONLY



DETAIL U/KS-8
NOT TO SCALE
(AC FACE ONLY)

1. INSTALL C36 REINFORCEMENT ON THE "C" LEG. SEE DETAIL T/KS-8.
2. INSTALL L 1-3/4 X 1-3/4 X 1/8 HORIZONTAL MEMBER ON THE BC FACE (NOT THE FACE SHOWN) TO BRACE THE LEG ON THE OPPOSITE SIDE OF THE DAMAGED AREA.
3. INSTALL TEMPORARY BRACING MEMBERS AT LOCATIONS "X" ABOVE AND BELOW THE UPPER DIAGONAL MEMBER USING EXISTING HOLES IN THE TOWER LEGS. TIGHTEN THESE MEMBERS AS MUCH AS POSSIBLE.
4. CAREFULLY LOOSEN THE BOLTS IN THE UPPER DIAGONAL MEMBER. IF THE TEMPORARY BRACING IS ADEQUATELY STABILIZING THE LEG MEMBER, REPLACE THIS DIAGONAL AS SHOWN IN DETAIL F/KS-8.
5. RELOCATE THE TEMPORARY BRACING MEMBERS TO LOCATIONS "Y" ABOVE AND BELOW THE LOWER DIAGONALS USING EXISTING HOLES IN THE TOWER LEGS. TIGHTEN THESE MEMBERS AS MUCH AS POSSIBLE.
6. CAREFULLY LOOSEN THE BOLTS IN THE LOWER DIAGONAL MEMBER. IF THE TEMPORARY BRACING IS ADEQUATELY STABILIZING THE LEG MEMBER, REPLACE THIS DIAGONAL AS SHOWN IN DETAIL F/KS-8. ALSO ATTACH THE END OF THE NEW HORIZONTAL MEMBER THAT SHARES THE DIAGONAL END BOLT.
7. REMOVE THE TEMPORARY BRACE ABOVE THE LOWER DIAGONAL (BUT NOT THE ONE BELOW THE DIAGONAL). THIS WILL ALLOW THE NEW HORIZONTAL TO BE ROTATED UP TO THE CONNECTION ON THE "X" LEG. COMPLETE THE INSTALLATION OF THE HORIZONTAL AND TIGHTEN.

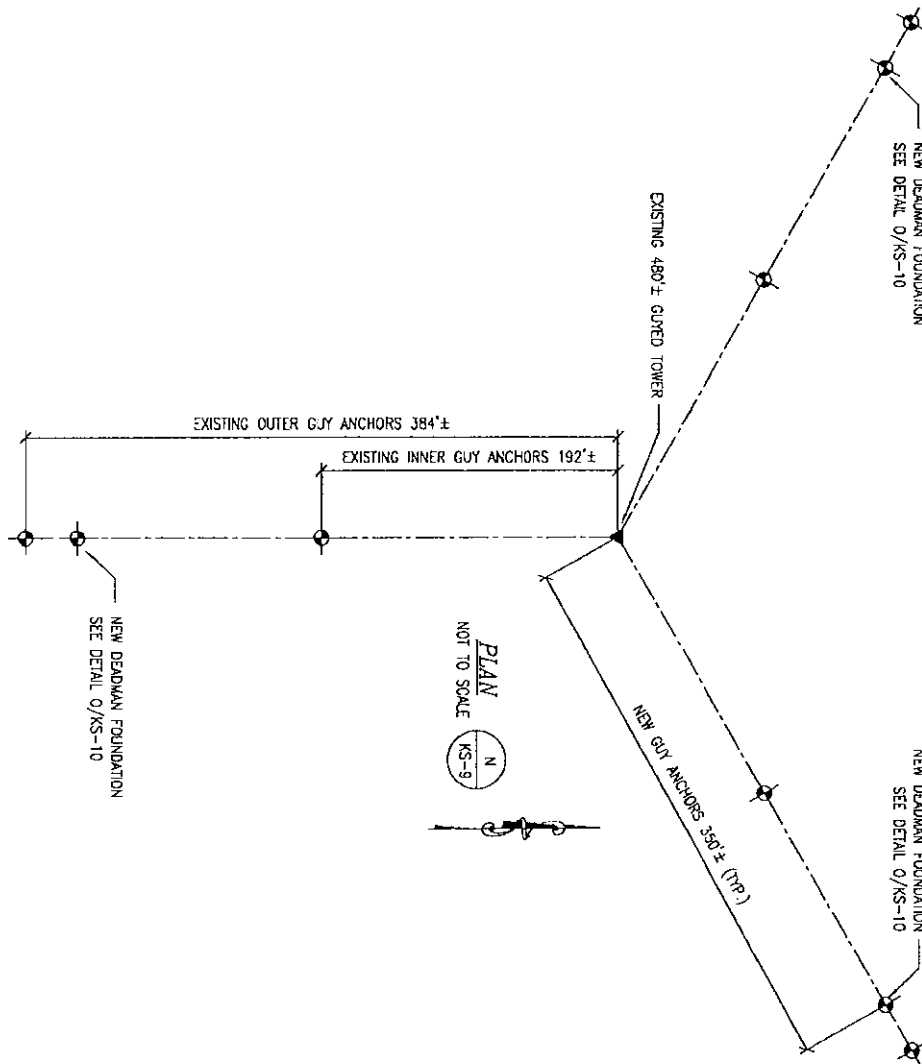
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES "INSTRUCTIONS OF SERVICE" OF PATE ENGINEERING, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015

DRAWING TITLE		DESIGNED BY		DRAWING RECORD	
DETAILS		MH		REV. DESCRIPTION DATE	
FOR NUMBER		MH		A FOR APPROVAL 7/15/11	
16-1418		MH		B REV. CUY INCHER 5/3/15	
DRAWING NO.		MH		C FOR CONSTRUCTOR 9/21/15	
KS-8		MH		D GENERAL REV 11/12/16	
OF		1			
14					
REV.					
1					

Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

FOR TITLE
MODIFICATION TO EXISTING
480± GUYED TOWER
KEYSTONE SITE
FOR
MOTOROLA SOLUTIONS

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTE "INSTRUMENTS OF SERVICE" OF PATE ENGINEERING, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016



DRAWING TITLE			JOB TITLE			DESIGNED BY			DRAWING RECORD		
PLAN			MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR			MH			REV.	DESCRIPTION	DATE
16-141B			MOTOROLA SOLUTIONS			MH			A	FOR APPROVAL	7/18/15
KS-9 OF 14						MH			B	REV GUY ANCHOR	8/3/15
REV. 1									C	FOR CONSTRUCTION	8/24/15
									D	GENERAL REV	11/23/16



Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

DRAWING TITLE		
FOUNDATION DETAIL		
JOB NUMBER	DRAWING NO.	REV.
16-1418	KS-10 OF 14	1

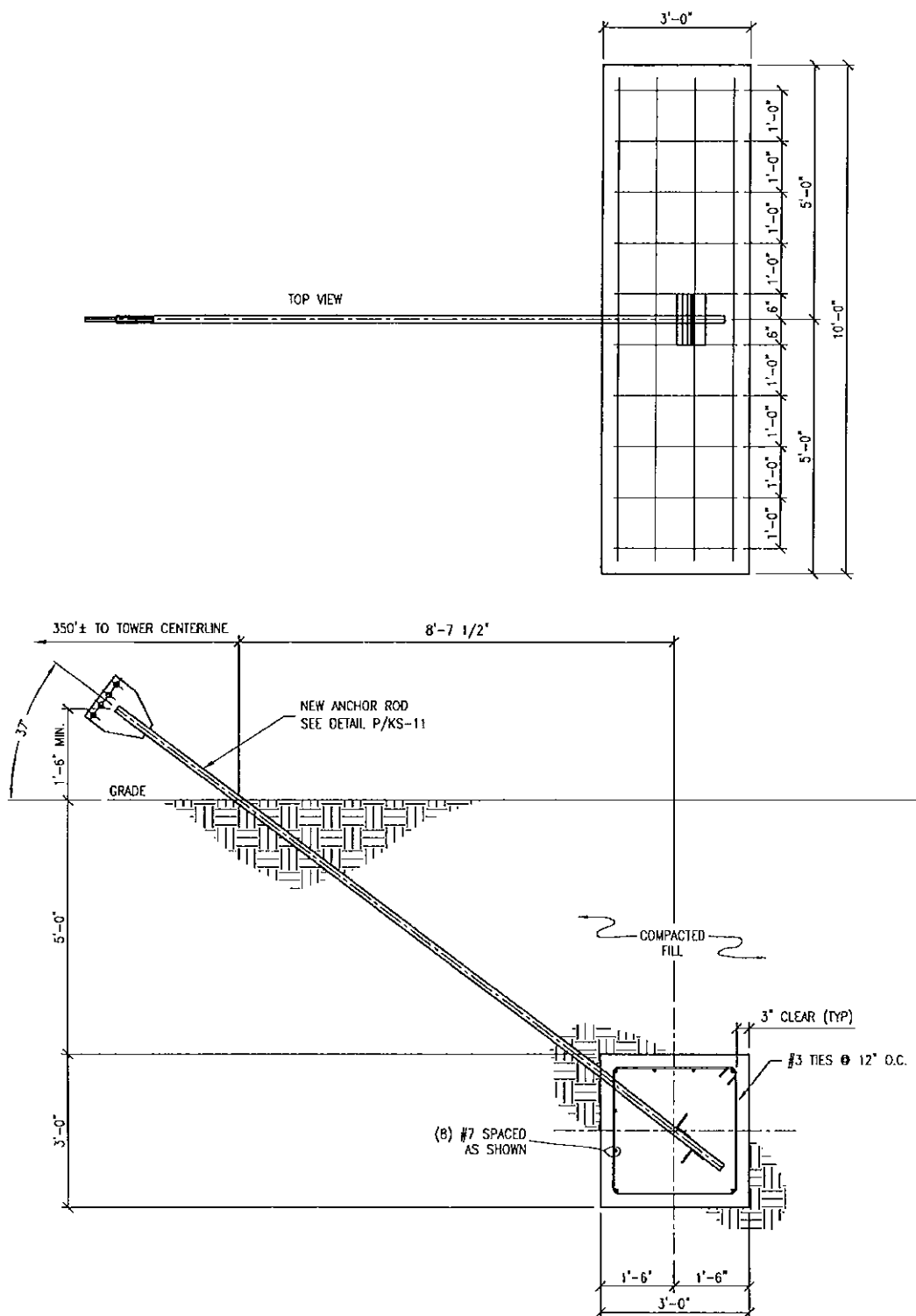
JOB TITLE
MODIFICATION TO EXISTING
480'± GUYED TOWER
KEYSTONE SITE
FOR
MOTOROLA SOLUTIONS




Pate Engineering Inc.
3540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

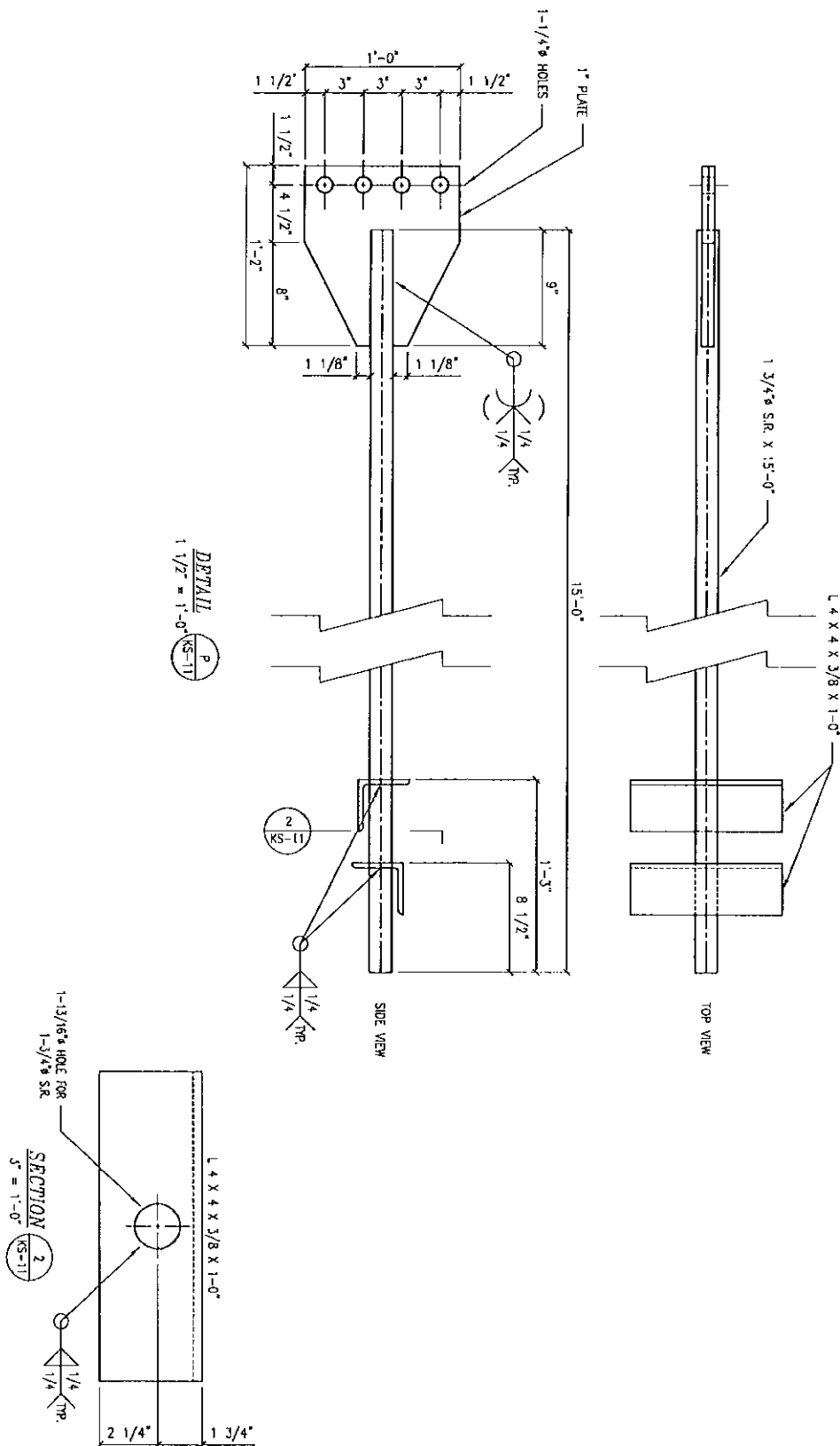
DESIGNED BY	LM
DRAWN BY	LM
CHECKED BY	LM
APPROVED BY	


DRAWING RECORD					
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
A	FOR APPROVAL	7/18/18			
B	REV GUY ANCHOR	8/3/18			
C	FOR CONSTRUCTION	8/24/18			
1	GENERAL REV	11/23/18			



DETAIL $1/2" = 1'-0"$ 

© PATE ENGINEERING, INC. 2015



DRAWING TITLE				JOB TITLE			Pate Engineering Inc.		DESIGNED BY				CREATING RECORD			
DETAILS				MODIFICATION TO EXISTING 480' X GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS			13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL. CERTIFICATE OF AUTHORIZATION #4504		DATE	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	
JOB NUMBER		DRAWING NO.		REV.					1	A	FOR APPROVAL	7/19/16				
16-1418		KS-11		OF 14					2	A	REV. INT. AMEND.	8/21/16				
									3	O	FOR CONSTRUCTION	8/21/16				
								4	A	FLORIDA STATE						

GUY ANCHOR DRILLED PIER DESIGN CRITERIA

LATERAL = 31.4 KIPS
UP/LIFT = 23.5 KIPS



FOUNDATION NOTES

MATERIALS

CONCRETE

f'c = 3,000 PSI @ 28 DAYS

REINFORCING STEEL

ASTM A-615 GRADE 60

NOTES:

- 1.1 CONCRETE SHALL BE DESIGNED, DETAILLED, PRODUCED AND PLACED AS PROVIDED FOR IN ACI STANDARD 318, LATEST EDITION, "BUILDING CODE REQUIREMENT FOR STRUCTURAL CONCRETE" AND ACI STANDARD 301, LATEST EDITION, "SPECIFICATIONS FOR STRUCTURAL CONCRETE."
- 1.2 REINFORCING STEEL SHALL BE HANDLED, CUT AND PLACED AS PROVIDED FOR IN THE MANUAL OF STANDARD PRACTICE, CRSI.
- 1.3 PAINT ANCHORS ROOS IN CONTACT WITH SOIL TO 6" ABOVE GRADE WITH TWO (2) COATS OF BITUMINOUS PAINT PRIOR TO BACKFILLING.
- 1.4 GROUNDING, CONDUITS, LINES, ETC. SHALL BE RELOCATED AS NECESSARY TO CLEAR THE NEW STRUCTURE. GROUNDING SHALL BE MAINTAINED AT ALL TIMES. PROVIDE PROTECTIVE GROUNDING IN ACCORDANCE WITH TIA-222-G, OR OWNERS SPECIFICATIONS.
- 1.5 WHERE FIELD WORK IS CARRIED OUT NEAR THE TOWER AND OTHER STRUCTURES, EXTREME CARE SHALL BE EXERCISED TO PREVENT DAMAGE.
- 1.6 EXTREME CARE SHALL BE EXERCISED WHEN EXCAVATING FOR NEW ANCHORS, TO PREVENT DAMAGE TO EXISTING GUY WIRES OVERHEAD.
- 1.7 IF NECESSARY TO MOVE FENCES OR OTHER ITEMS, OR DISTURB THE GROUNDS, THEY SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
- 1.8 THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING. ANY PROBLEMS WITH ACCESS, INTERFERENCE, PROPERTY LINES, ETC. SHALL BE RESOLVED PRIOR TO MOVING ONTO THE JOB SITE. UNDERGROUND UTILITIES SHALL BE LOCATED PRIOR TO BEGINNING WORK. NO EXTRA WILL BE CONSIDERED FOR THESE CONDITIONS.
- 1.9 THE CONTRACTOR MUST COORDINATE THE WORK AND COOPERATE WITH THE TOWER OWNER PRIOR TO MOVING INTO THE SITE.
- 1.10 ALL CONSTRUCTION PROCEDURES SHALL MEET THE REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS TO PROTECT PERSONNEL.
- 1.11 COMPACT BACKFILL IN 6" LIFTS WITH POWERED HAND TAPPER.
- 1.12 THE CONTRACTOR SHALL OBTAIN CONCRETE TEST CYLINDERS FROM EACH ANCHOR FOUNDATION. FURNISH COPIES OF THE TEST RESULTS TO THE ENGINEER FOR THE SEVEN (7) DAY BREAK AND TWENTY-EIGHT (28) DAY BREAK.
- 1.13 THE CONTRACTOR MUST ANTICIPATE THE PRESENCE OF LOOSE SOIL MATERIALS AND GROUNDWATER. THE ANCHOR FOUNDATIONS HAVE BEEN DESIGNED ACCORDING TO THE GEOTECHNICAL EXPLORATION BY AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC., PROJECT NO. 6166-16-01-81, DATED 7/29/2016. A COPY OF THE REPORT CAN BE OBTAINED FROM THE CLIENT.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIALS, APPEARING HEREIN, CONSTITUTE "INSTRUMENTS OF SERVICE" OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE FOUNDATION NOTES		JOB TITLE MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		DESIGNED BY LCI CHECKED BY MSH APPROVED BY LCI		DRAWING RECORD <table border="1"> <thead> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>FOR APPROVAL</td> <td>7/16/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>REV GUY ANCHOR</td> <td>8/5/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C</td> <td>FOR CONSTRUCTION</td> <td>8/24/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>GENERAL REV</td> <td>11/23/16</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	A	FOR APPROVAL	7/16/16				B	REV GUY ANCHOR	8/5/16				C	FOR CONSTRUCTION	8/24/16				1	GENERAL REV	11/23/16			
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE																																		
A	FOR APPROVAL	7/16/16																																					
B	REV GUY ANCHOR	8/5/16																																					
C	FOR CONSTRUCTION	8/24/16																																					
1	GENERAL REV	11/23/16																																					
JOB NUMBER 16-1418		DRAWING NO. KS-12 OF 14		REV. 1		Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524																																	

THIS TOWER HAS BEEN ANALYZED AND THESE DRAWINGS REPRESENT MODIFICATIONS REQUIRED TO SUPPORT THE FOLLOWING ANTENNAS AND LINES IN ACCORDANCE WITH ANSI/TIA-222-G-2 FOR THE FOLLOWING CRITERIA:

$V_w = 103.8$ MPH (3-SEC GUST NOMINAL WIND SPEED)
 CLASS II ($I=10$)
 EXPOSURE C
 TOPOGRAPHIC CATEGORY 1
 THE ABOVE CRITERIA MEETS OR EXCEEDS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 5TH EDITION (2014) FOR THE FOLLOWING CRITERIA:
 $V_w = 134$ MPH (RISK CATEGORY III/IV) (3-SECOND GUST ULTIMATE WIND SPEED)
 EXPOSURE C

DESIGN CRITERIA

ELV. (FT.)	NOTES	DESCRIPTION	TRANSMISSION LINES
------------	-------	-------------	--------------------

476±	A	WHIP ANTENNA WITH REFLECTOR	TO AMPLIFIER
476±	A	AMPLIFIER	7/8" & 1/2"
476±	A	6" SIDE ARM	---
456±	A	WHIP ANTENNA WITH REFLECTOR	1-5/8"
456±	A	6" SIDE ARM	---
455±	A	WHIP ANTENNA WITH REFLECTOR	1-5/8"
455±	A	4" SIDE ARM	---
431±	A	6" PANEL ANTENNA ON PIPE MOUNT	1-5/8"
392±	A	DB224 (SIMILAR) ON 4" SIDE ARM	7/8"
366±	A	8" DISH WITH RADOME & MOUNT	EW63
340±	A	DB224 (SIMILAR) ON 2"-4" SIDE ARM	7/8"
335±	A	6" DISH WITH RADOME & MOUNT	EW63
308±	A	DB224 (SIMILAR) ON 2"-4" SIDE ARM	7/8"
262±	A	8" GROUND PLANE WHIP ON 3"-6" SIDE ARM	7/8"
212±	A	DB224 (SIMILAR) ON 3"-6" SIDE ARM	7/8"
199±	A	8" DISH WITH RADOME & MOUNT	EW63
171±	A	6" DISH WITH RADOME & MOUNT	EW63

460±	A	ELR125-A	TO AMPLIFIER
458±	A	AMPLIFIER	7/8" & 1/2"
458±	A	6" SIDE ARM	---
435±	A	(2) SE4192-WBL & MOUNT	(2) 1-1/4"
380±	A	8" DISH WITH RADOME & MOUNT (AZ=23°)	EW63
350±	A	6" DISH WITH RADOME & MOUNT (AZ=23°)	EW63
225±	A	6" DISH WITH RADOME & MOUNT (AZ=50°)	EW63
187±	A	4" DISH WITH RADOME & MOUNT (AZ=50°)	EW63

NOTES:

- THESE ANTENNAS, MOUNTS, AND TRANSMISSION LINES ARE TO BE REMOVED FROM THE TOWER AND WERE NOT INCLUDED IN THIS DESIGN.
- THIS ANTENNA WAS ASSUMED TO BE MOUNTED ON A 6" SIDE ARM CONSISTING OF (2) 4" ANGLE MEMBERS X 10' LONG AND A 3" PIPE X 5' LONG AT THE END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE SOUTHEAST TOWER FACE AND EXTEND 6' TOWARDS THE SOUTHWEST.
- THESE (2) PANEL ANTENNAS WERE ASSUMED TO BE MOUNTED WITH (2) 4" ANGLE MEMBERS X 12' LONG WITH A 2-1/2" PIPE X 21' LONG ON EACH END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE SOUTHWEST TOWER FACE (CENTERED ON THE FACE) WITH A PIPE ON EACH END.
- THE DISH ANTENNAS WERE ASSUMED TO BE MOUNTED ON 4" PIPES X 6' LONG ATTACHED TO THE TOWER WITH (2) 5" ANGLE MEMBERS X 5' LONG. THE DISHES WERE ASSUMED TO HAVE ONE TIE-BACK MEMBER (EXCEPT THE 8" DISH WAS ASSUMED TO HAVE (2) TIE-BACK MEMBERS).

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2015

GENERAL NOTES

STRUCTURAL STEEL, PIPE AND PLATES ASTM A36 $F_y = 36.0$ KSI
 EHS GUY WIRE ASTM A475 (EXTRA HIGH STRENGTH) CLASS A GALVANIZED
 U-BOLTS ASTM A36 $F_y = 36.0$ KSI OR STAINLESS STEEL TYPE 304
 WELD ELECTRODES E70 SERIES

- BOLTS
- ALL BOLTS 1/2" DIA. AND LARGER SHALL BE A325X, THREADS EXCLUDED FROM SHEAR PLANE, AND FURNISHED WITH A HEAVY HEX NUT, HEAVY ROUND WASHER, AND HEAVY PLAINUT, ALL HOT-DIPPED GALVANIZED.
- GUY WIRE HARDWARE I.E. TURNBUCKLES, THIMBLES, ETC. SHALL BE CROSBY HOT-DIPPED GALVANIZED FORGED STEEL UNLESS OTHERWISE NOTED OR APPROVED EQUAL.
- U-BOLTS SHALL BE FURNISHED WITH HEAVY WASHERS, HEAVY HEX NUTS AND "PLAINUTS", ALL HOT-DIPPED GALVANIZED OR STAINLESS STEEL. NUTS SHALL BE FURNISHED "RUN UP" ON U-BOLT.
- FABRICATION
- ALL STEEL FABRICATION SHALL BE DONE IN ACCORDANCE WITH ASC "STEEL CONSTRUCTION MANUAL", LATEST EDITION.
- HOLES SHALL BE 1/16" LARGER THAN BOLT DIAMETER SPECIFIED UNLESS OTHERWISE NOTED.
- DUE TO THE ABSENCE OF ORIGINAL FABRICATION DRAWINGS AND DIMENSIONS ON THIS TOWER, THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS GIVEN ON THESE DRAWINGS.
- SLOTTED HOLES MAY NOT BE USED UNLESS SPECIFICALLY SHOWN ON THESE DRAWINGS.
- ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS STRUCTURAL WELDING CODE D1.1, LATEST EDITION.
- WELDER SHALL HOLD CURRENT CERTIFICATES FOR THE PROCESS AND POSITION BEING USED.
- WELDING ROD MATERIAL SHALL BE COMPATIBLE IN CHEMISTRY AND STRENGTH TO HIGHEST GRADE BASE METAL.
- ALL WELDED CONNECTIONS SHALL BE "SEAL" WELDED TO PREVENT WEEPING OF RUST FROM CONNECTIONS.
- ALL STEEL MATERIAL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123. AFTER GALVANIZING, ALL THREADS AND OTHER ITEMS SHALL BE PROPERLY CLEANED. ALL BURS, ETC. SHALL BE REMOVED FROM ALL GALVANIZED MATERIAL PRIOR TO SHIPMENT. DRAIN HOLES SHALL BE PROVIDED FOR CLOSED SECTIONS.
- THESE DRAWINGS ARE NOT FABRICATION (SHOP) DRAWINGS. THE USE OF ANY DIMENSIONS ON THESE DRAWINGS FOR FABRICATION PURPOSES, IS DONE AT THE SOLE RISK OF THE CONTRACTOR.
- ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.
- ERECTION
- PRIOR TO BEGINNING ON THIS PROJECT, THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE IF ANY CLEARANCE PROBLEMS EXIST BETWEEN THE EXISTING AND NEW HARDWARE. ANY RELOCATION OF EXISTING HARDWARE (ANTENNAS, MOUNTS, WAVEGUIDE LADDERS, ETC.) REQUIRED TO INSTALL THE NEW HARDWARE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO EXTRAS WILL BE CONSIDERED FOR THIS CONDITION.
- FIELD DRILLED HOLES AND CUTS AND DAMAGED GALVANIZED SURFACES SHALL BE GIVEN ONE (1) BRUSH COAT OF Z.R.C. LIQUID (800-831-3275) TO A 5 MIL WET FILM THICKNESS. PRETREAT SURFACES AND APPLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. A TOP COAT OF HIGH UV RESISTANCE ACRYLIC PAINT SHALL BE APPLIED OVER THE ZRC.
- FIELD CUTS AND HOLES SHALL BE MADE WITH POWER TOOLS SUCH AS POWER HACKSAWS, DRILLS OR PUNCHES. CUTS AND HOLES MAY NOT BE BURNED.
- NO TOWER MODIFICATIONS SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED.
- THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- WHERE EXISTING COAX, WAVEGUIDE, ANTENNAS, ETC. INTERFERE WITH THIS MODIFICATION WORK, THEY SHALL BE RELOCATED AND PROPERLY SECURED WHERE NECESSARY. THEY SHALL BE TEMPORARILY RELOCATED AND PROPERLY SECURED. AFTER THE WORK IS COMPLETE THEY SHALL BE INSTALLED IN THEIR FINAL LOCATION AND PROPERLY SECURED. RE-ATTACH THE CLIMB LADDER SUPPORTS TO NEW REPLACEMENT DIAGONALS USING THE EXISTING HARDWARE.
- INSTALL NEW TRANSMISSION LINES AS SHOWN ON "TRANSMISSION LINE LAYOUT PLAN" (SHEET KS-6).

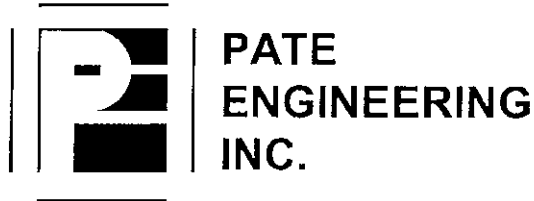
NOTES 16-1418		MODIFICATION TO EXISTING 480± KEYSTONE TOWER FOR MOTOROLA SOLUTIONS		Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DESIGNED BY: MH CHECKED BY: MH APPROVED BY: I		DRAWING RECORD REV. DESCRIPTION DATE A FOR APPROVAL 7/18/16 B REV GUY ANCHOR 8/3/16 C FOR CONSTRUCTION 8/24/16 D GENERAL REV 11/23/16	
------------------	--	--	--	---	--	---	--	--	--

3. ERECTION (CONTINUED)
- 3.7 INSTALL NEW ANTENNA MOUNTS AS DESCRIBED IN THE NOTES SECTION UNDER THE DESIGN ANTENNA LIST.
- 3.8 IF THE TRANSMISSION LINES ARE NOT LOCATED AS SHOWN ON THESE DRAWINGS OR IF ANTENNA MOUNTS SUBSTANTIALLY LARGER THAN DESCRIBED ARE INSTALLED, OVER STRESS OF THE TOWER MAY OCCUR. A RE-ANALYSIS OF THE TOWER MAY BE NECESSARY TO DETERMINE THE STRESS STATE OF THE TOWER.
- 3.9 THE REPLACEMENT OF DIAGONAL MEMBERS SHALL BE ONE CONTINUOUS OPERATION. REPLACE ONE DIAGONAL AT A TIME. PROVIDE TEMPORARY BRACING AS REQUIRED. NO MEMBER REPLACEMENT SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 3.10 THE RELOCATION OF GUY WIRES SHALL BE ONE CONTINUOUS OPERATION. RELOCATE ONE GUY WIRE AT A TIME. PROVIDE TEMPORARY GUYING AS REQUIRED. NO GUY WIRE REMOVAL SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 3.11 RELOCATED GUY WIRES SHALL BE GROUNDED PER OWNERS REQUIREMENTS.
- 3.12 WHERE FIELD WORK IS CARRIED OUT NEAR EXISTING COAX AND ANTENNAS, EXTREME CARE SHALL BE EXERCISED AND PROTECTION PROVIDED AS REQUIRED TO PREVENT DAMAGE TO TRANSMISSION EQUIPMENT OR INTERRUPTION OF TRANSMISSION SERVICE.
- 3.13 NEW BOLTS SHALL BE TIGHTENED AND TENSIONED BY THE "TURN OF THE NUT" METHOD, PER AISC MANUAL OF STEEL CONSTRUCTION, I.E. 1/3 TURN BEYOND "SNUG" TIGHT.
- 3.14 U-BOLTS SHALL BE "SNUG" TIGHT, DO NOT BEND PLATES.
- 3.15 AFTER TOWER MODIFICATIONS HAVE BEEN COMPLETED, RETENSION ALL GUYS TO THE INITIAL TENSION (I.T.) SHOWN AND REPLUMB THE TOWER.
- 3.16 ALL CONSTRUCTION PROCEDURES SHALL COMPLY WITH THE SAFETY REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS.
- 3.17 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.
4. PROCEDURE FOR INSTALLATION OF COAX LEG REINFORCING
 - 4.1 ONLY (1) OF THE CHAMBER REINFORCING MEMBERS (IN WHICHEVER SECTION IS BEING WORKED ON) MAY BE INSTALLED AT A TIME. PROVIDE TEMPORARY BRACING AS REQUIRED. NONE OF THIS WORK IS TO BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 - 4.2 PROCEDURE ①
 - 4.2.1 THE LEG REINFORCING ABOVE THE TOP TORQUE ARM MEMBER IS TO BE INSTALLED TO COMPLETION. PRIOR TO ANY WORK ON ANY OTHER SECTION, THIS PART OF THE WORK WILL NOT INVOLVE REMOVAL OF ANY TORQUE ARM CONNECTIONS AND WILL STRENGTHEN THE UPPER TORQUE ARM CONNECTION AFTER COMPLETION.
 - 4.3 PROCEDURE ②
 - 4.3.1 THE LEG REINFORCING CHANNELS BELOW THE BOTTOM OF THE TORQUE ARM IS TO BE INSTALLED TO COMPLETION. SECOND, THIS IS TO BE DONE PRIOR TO THE SECTION OF REINFORCING INSIDE THE TORQUE ARM. THE (3) LOWER TORQUE ARM BOLTS THAT ARE BEING REPLACED ARE TO BE REMOVED AND REPLACED (1) AT A TIME.
 - 4.4 PROCEDURE ③
 - 4.4.1 THE LEG REINFORCING CHANNELS THAT ARE INSIDE OF THE TORQUE ARM ARE TO BE INSTALLED LAST. THE (2) LOWER AND (2) UPPER TORQUE ARM BOLTS THAT ARE BEING REPLACED ARE TO BE REMOVED AND REPLACED (1) AT A TIME.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE NOTES		JOB TITLE MODIFICATION TO EXISTING 480 ± GUYED TOWER KEYSTONE SITE		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DESIGNED BY: MM DRAWN BY: MM CHECKED BY: MM APPROVED BY: MM				DRAWING RECORD <table border="1"> <thead> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>FOR APPROVAL</td> <td>7/16/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>REV GUY ANCHOR</td> <td>8/3/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C</td> <td>FOR CONSTRUCTION</td> <td>8/24/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>D</td> <td>GENERAL REV</td> <td>11/23/16</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	A	FOR APPROVAL	7/16/16				B	REV GUY ANCHOR	8/3/16				C	FOR CONSTRUCTION	8/24/16				D	GENERAL REV	11/23/16			
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE																																						
A	FOR APPROVAL	7/16/16																																									
B	REV GUY ANCHOR	8/3/16																																									
C	FOR CONSTRUCTION	8/24/16																																									
D	GENERAL REV	11/23/16																																									
JOB NUMBER 16-1418		DRAWING NO. K5-14 OF 14		REV. 1																																							

Addendum No. 4
[December 19, 2016 Pate Engineering Inc. Letter]



**PATE
ENGINEERING
INC.**

13540 N. Florida Avenue, Suite 203
Tampa, Florida 33613
www.pateengineering.com
(813) 960-0002
FL CA #4524

December 19, 2016

Motorola Solutions, Inc.
1851 NE 65th Street
Ft. Lauderdale, Florida 33308
Attn: Mr. Jim Redington

Re: 480-Ft Guyed Tower
Keystone Site
Our Job # 16-141B

Dear Mr. Redington,

During construction of the tower modifications on the Keystone site, damage was noted on the South tower leg at approximately 425' elevation. The site was visited on 11/19/2016 to observe this damage.

The tower modification design was revised to add additional tower bracing and to reinforce the area around this leg damage. After the tower modifications shown on Drawings KS-1 to 14 of 14, rev. 1, dated 11/23/2016 are properly completed, and the tower loading is changed to the final configuration required by those drawings, the tower will meet the requirements of ANSI/TIA-222-G-2 and the Florida Building Code 5th Edition (2014) for the criteria shown on the referenced drawings.

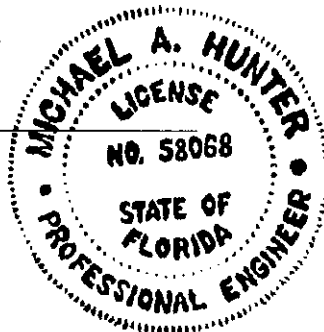
If you have any questions regarding this letter, please call.

Pate Engineering, Inc.

Michael A
By: Hunter

Digitally signed by
Michael A Hunter
Date: 2016.12.19
09:19:10 -05'00'

Michael A. Hunter, P.E.
Florida P.E. No. 58068



This item has been electronically signed and sealed by Michael A. Hunter, PE on 12/19/2016 using a Digital Signature.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Committee

DATE:

FROM: Purchasing

SUBJECT: Approval of Federally Funded Public Assistance State Agreement with the State of Florida, Division of Emergency Management for disaster recovery efforts related to Hurricane Matthew.

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

Disaster Relief Funding Agreement for Hurricane Matthew (Reimbursement)

ATTACHMENTS:

Description

▯ [Matthew reimbursement](#)

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Administrative and Contractual Services	Thomas, Karen	Approved	12/28/2016 - 2:57 PM	
County Manager	Kopelousos, Stephanie	Approved	12/29/2016 - 11:55 AM	

AGREEMENT/CONTRACT REVIEW FORM		MEETING DATE					
DO NOT PLACE ITEMS ON AN AGENDA UNTIL REVIEW IS COMPLETED							
RECEIVED							
DATE:	12/13/16						
Staff Member Preparing Form:	John Ward DEC 20 2016						
Department Submitting Contract:	Emergency Management						
Vendor Name:	Division of Emergency Management City of Clay County Attorney's Office						
Contract Title:	Federally Funded Public Assistance State Agreement – Hurricane Matthew Disaster Declaration						
SUMMARY (TO BE COMPLETED BY DEPARTMENT)							
1. New Contract	<input checked="" type="radio"/> Y <input type="radio"/> N	9. Contract Amount (*Detail negotiation efforts below) Reimbursement					
2. Renewal/Amend./Supplement	<input type="radio"/> Y <input checked="" type="radio"/> N	10. Last Year's Price (*If increase explain below)					
3. Sole Source **(explain below)	<input type="radio"/> Y <input checked="" type="radio"/> N	11. Date of Original Contract					
4. Quotes/bid policy met N/A	<input type="radio"/> Y <input checked="" type="radio"/> N	12. Number of Renewals					
5. Need to waive bid policy	<input type="radio"/> Y <input checked="" type="radio"/> N	13. Length of Term					
6. Automatic renewal	<input checked="" type="radio"/> n/a <input type="radio"/> N						
7. Standard Addendum Executed	<input type="radio"/> Y <input checked="" type="radio"/> N	Requested Action: Approval of Agreement					
8. Advance Payment Required	<input type="radio"/> Y <input checked="" type="radio"/> N						
<table border="1"> <tr> <td>Funding Source</td> <td rowspan="2">Background/Purpose: FEMA reimbursement related to Hurricane Matthew</td> </tr> <tr> <td>Account Number:</td> </tr> <tr> <td>Account Name: Various</td> <td></td> </tr> </table>			Funding Source	Background/Purpose: FEMA reimbursement related to Hurricane Matthew	Account Number:	Account Name: Various	
Funding Source	Background/Purpose: FEMA reimbursement related to Hurricane Matthew						
Account Number:							
Account Name: Various							

Approvals

Purchasing: [Signature]	No Changes	With Changes
Review Date:	[Checkmark]	

Recommended Changes: **Note certain requirements such as #15 (contracts with others) on pg. 13, #17 Reports pg. 14, Attachment "C"**

Budget: [Signature]	No Changes	With Changes
Review Date: 12/22/16	[Checkmark]	

Finance: [Signature]	No Changes	With Changes
Review Date: 12/20/16	[Checkmark]	

County Attorney: [Signature]	No Changes	With Changes
Review Date: 12-22-16	[Checkmark]	

** Sole Source Explanation: _____

HURRICANE MATTHEW DISASTER DECLARATION (FEMA-4283-DR-FL)

Federally Funded Public Assistance State Agreement

THIS AGREEMENT is entered into by the State of Florida, Division of Emergency Management, whose headquarters is in Tallahassee, Leon County, Florida (hereafter referred to as the "Grantee/Recipient"), and:

Clay County
(hereinafter referred to as the "Subgrantee/Subrecipient").

WHEREAS,

On October 8, 2016, President Barack H. Obama issued a Major Disaster Declaration designated FEMA-4283-DR-FL for the State of Florida as a result of Hurricane Matthew; and

WHEREAS,

The Declaration, as amended, authorizes Public Assistance funding for eligible disaster recovery efforts in Bradford, Brevard, Clay, Duval, Flagler, Indian River, Lake, Martin, Nassau, Palm Beach, Putnam, Seminole, St. Johns, St. Lucie, and Volusia Counties.

WHEREAS,

The FEMA-State Agreement executed October 12, 2016, and subsequently amended, between the State of Florida and the Federal Emergency Management Agency (FEMA) governing the use of such funds requires the State to share the costs eligible for federal financial assistance, and the State has undertaken to share those costs, as appropriated, with its Subgrantees/Subrecipients; and

WHEREAS,

The Subgrantee/Subrecipient is located in the affected area and appears to have suffered eligible damage; now

THEREFORE, the Grantee/Recipient and the Subgrantee/Subrecipient, as evidenced by the execution of this document by affixing the signatures of the parties' authorized representatives below, agree to the following:

1) DEFINITIONS.

- a. As used in this Agreement, the following terms have the following meanings unless another meaning is specified elsewhere:
 - i. **Agreement Sum:** is the Grantee's/Recipient's amount of reimbursement to the Subgrantee/Subrecipient for its verified expenses, subject to the scope of work identified in the Project Worksheet for Small and/or Large Projects.
 - ii. **Eligible activities:** are those activities authorized in the FEMA-State Agreement (located in FloridaPA.org on the main Disaster Summary Page

under “documents”), and in the Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288, as amended, 42 U.S.C §§ 5121-5207 (Stafford Act); in accordance with 44 C.F.R.; 2 C.F.R.; and applicable policies of both the State of Florida and FEMA.

- iii. **FEMA - State Agreement:** is the agreement executed October 12, 2016, and amended from time to time, between the FEMA and the State of Florida, for a presidential major disaster declaration designated FEMA-4283-DR-FL.
- iv. **Large Project Threshold:** When the approved estimate of eligible costs for an individual project under this major disaster is \$123,100⁰⁰ or greater, it is a Large Project.
- v. **P.2. package:** is the formal notification used for all versions of a Project Worksheet with a change in the funding amount.
- vi. **Project Worksheet (Subgrant Application):** is the primary form used to document the location, damage description and dimensions, scope of work, Special Considerations, and cost estimates for each small or large project. It is the basis for the grant.
- vii. **Reasonable:** for purposes of access to records, is construed according to the circumstances, but ordinarily means during the normal business hours of 8:00 a.m. to 5:00 p.m., local time, on any Monday through Friday that is not a state or federal holiday.
- viii. **Zero (0) Dollar Notification Letter:** is the notification for projects where there are scope changes, improved or alternate projects, ineligible cost or a zero (0) dollar variance closeout.

2) **AGREEMENT TO BE BOUND.**

- a. The parties enter into this Agreement intending to be bound by same.
- b. The parties specifically agree to comply with all conditions, obligations, and duties imposed by this Agreement, by the FEMA - State Agreement, and by all applicable State and federal laws, regulations, and policies without limitation, including but not limited to 44 C.F.R.; 2 C.F.R.; and applicable policies of both the State of Florida and FEMA. The Subgrantee/Subrecipient further agrees to comply with the Statement of Assurances attached hereto as Attachment “A” and incorporated herein by reference.

3) **FUNDING.**

- a. The federal share of the eligible costs specified in the Project Worksheets under this Agreement is seventy-five percent (75%) of such costs, unless a higher percentage is approved. The non-federal share is the remaining amount.
- b. Payment of all or a specified portion of the nonfederal share of such costs is contingent upon a potential future State appropriation defining the apportionment of the nonfederal share.
- c. The Subgrantee/Subrecipient acknowledges that the Grantee’s/Recipient’s obligation to pay under this Agreement is contingent upon an appropriation by the

State Legislature, subject to any modification in accordance with Chapter 216, Florida Statutes, or the Florida Constitution.

- d. Disbursement must be consistent with section 252.37, Florida Statutes. Administrative costs in addition to the Project Worksheets that are otherwise eligible under 44 C.F.R. Part 206.228 and do not require matching funds may also be funded by FEMA.
- e. Subject to an advance payment of funds by the Grantee/Recipient to the Subgrantee/Subrecipient, the Grantee/Recipient will provide funds on a cost reimbursement basis to the Subgrantee/Subrecipient for eligible activities approved by the Grantee/Recipient and FEMA, as specified in the approved Subgrantee/Subrecipient Project Worksheets.
- f. The Grantee/Recipient may provide some portion of any nonfederal share for some Subgrantees/Subrecipients. As a condition of receipt of the federal funding, the Subgrantee/Subrecipient agrees to provide any nonfederal share not paid by the Grantee/Recipient. The federal allowable costs must be determined as per 2 C.F.R. and 44 C.F.R. §§ 13 and 206.
- g. The approved Project Worksheets will be transmitted to the Subgrantee/Subrecipient, and must state the cumulative funding allowed, the scope of the eligible project, and the costs eligible under this Agreement.
- h. Project Worksheets may obligate or deobligate funding, thereby amending the total funding for the project. **These actions will be denoted in the final version of the obligated project worksheet for each project.**
- i. The approved Project Worksheets will document the total eligible costs and the total federal share of those costs.
- j. As a condition of funding under this Agreement, the Subgrantee/Subrecipient agrees that the Grantee/Recipient may withhold funds otherwise payable to the Subgrantee/Subrecipient from any disbursement to the Grantee/Recipient, by FEMA or any other source, upon a determination by the Grantee/Recipient or FEMA that funds exceeding the eligible costs have been disbursed to the Subgrantee/Subrecipient pursuant to this Agreement or any other funding agreement administered by the Grantee/Recipient.
- k. The Subgrantee/Subrecipient understands and agrees that the Grantee/Recipient may offset any funds due and payable to the Subgrantee/Subrecipient until the debt to the State is satisfied. In such event, the Grantee/Recipient will notify the Subgrantee/Subrecipient via the entry of notes in FloridaPA.org.

4) INSURANCE.

- a. The Subgrantee/Subrecipient understands and agrees that disaster funding for insurable facilities provided by FEMA is intended to supplement, not replace, financial assistance from insurance coverage and/or other sources. Actual or anticipated insurance proceeds must be deducted from all applicable FEMA Public Assistance grants in order to avoid a duplication of benefits. The Subgrantee/Subrecipient further understands and agrees that If Public Assistance funding is obligated for work that is subsequently determined to be covered by insurance and/or other sources of funding, FEMA must deobligate the funds per Stafford Act Sections 101 (b)(4) and 312 (c).

- b. As a condition of funding under this Agreement, pursuant to 44 C.F.R. §§ 206.252-253, for damaged facilities, the Subgrantee/Subrecipient understands it must, and it agrees to, maintain such types of insurance as are reasonable and necessary to protect against future loss for the anticipated life of the restorative work or the insured facility, whichever is lesser. Except that the Grantee/Recipient acknowledges FEMA does not require insurance to be obtained and maintained for projects where the total eligible damage is less than \$5,000⁰⁰.
- c. In addition to the preceding requirements, the Subgrantee/Subrecipient understands it is required to obtain and maintain insurance on certain permanent work projects in order to be eligible for Public Assistance funding in future disasters pursuant to § 311 of the Stafford Act. As stated in the Stafford Act, "Such coverage must at a minimum be in the amount of the eligible project costs." Further, the Stafford Act, requires a Subgrantee/Subrecipient to purchase and maintain insurance, where that insurance is "reasonably available, adequate or necessary to protect against future loss" to an insurable facility as a condition for receiving disaster assistance funding. The Act further states "If the requirement to purchase insurance is not met, FEMA will not provide assistance for damages sustained in the current disaster." If the State Insurance Commissioner certifies that the type and extent of insurance is not "reasonably available, adequate or necessary to protect against future loss" to an insurable facility, the Regional Administrator may modify or waive the requirement in conformity with the certification.
- d. The Subgrantee/Subrecipient understands and agrees it is responsible for being aware of, and complying with, all insurance considerations contained in the Stafford Act and in 44 C.F.R. §§ 206.252-253.
- e. The Subgrantee/Subrecipient agrees to notify the Grantee/Recipient in writing within thirty (30) days of the date it becomes aware of any insurance coverage for the damage identified on the applicable Project Worksheets and of any entitlement to compensation or indemnification from such insurance. The Subgrantee/Subrecipient further agrees to provide all pertinent insurance information, including but not limited to copies of all policies, declarations pages, insuring agreements, conditions, exclusions, Statement of Loss, and Statement of Values for each insured damaged facility.
- f. The Subgrantee/Subrecipient understands and agrees that it is required to pursue payment under its insurance policies to the best of its ability to maximize potential coverage available.

5) DUPLICATION OF BENEFITS PROHIBITED.

- a. The Subgrantee/Subrecipient understands it may not receive funding under this Agreement to pay for damage covered by insurance, nor may the Subgrantee/Subrecipient receive any other duplicate benefits from any source whatsoever.
- b. The Subgrantee/Subrecipient agrees to reimburse the Grantee/Recipient if it receives any duplicate benefits, from any source, for any damage identified on the applicable Project Worksheets, for which the Subgrantee/Subrecipient has received payment from the Grantee/Recipient.
- c. The Subgrantee/Subrecipient agrees to notify the Grantee/Recipient in writing within thirty (30) days of the date it becomes aware of the possible availability of,

applies for, or receives funds, regardless of the source, which could reasonably be considered as duplicate benefits.

- d. In the event the Grantee/Recipient determines the Subgrantee/Subrecipient has received duplicate benefits, the Subgrantee/Subrecipient gives the Grantee/Recipient and/or the Chief Financial Officer of the State of Florida, the express authority to offset the amount of any such duplicate benefits by withholding them from any other funds otherwise due and payable to the Subgrantee/Subrecipient, and to use such remedies as may be available administratively, at law, or at equity, to recover such benefits.

6) COMPLIANCE WITH PLANNING/PERMITTING REGULATIONS AND LAWS.

- a. The Subgrantee/Subrecipient is responsible for the implementation and completion of the approved projects described in the Project Worksheets in a manner acceptable to Grantee/Recipient, and in accordance with applicable Local, State, and Federal legal requirements.
- b. If applicable, the contract documents for any project undertaken by the Subgrantee/Subrecipient, and any land use permitted by or engaged in by the Subgrantee/Subrecipient, must be consistent with the local government comprehensive plan.
- c. The Subgrantee/Subrecipient must ensure that any development or development order complies with all applicable planning, permitting, and building requirements including, but not limited to, the National Environmental Policy Act and the National Historic Preservation Act.
- d. The Subgrantee/Subrecipient must engage such competent, properly licensed, engineering, environmental, archeological, building, and other technical and professional assistance at all project sites as may be needed to ensure that the project complies with the contract documents.

7) DOCUMENTATION AND INSPECTIONS.

- a. The Subgrantee/Subrecipient must create and maintain documentation of work performed and costs incurred on each project site identified in a Project Worksheet sufficient to permit a formal audit comporting with ordinary, customary and prudent public accounting requirements. If the Grantee/Recipient determines the Subgrantee/Subrecipient has failed to create and maintain such documentation, the Grantee/Recipient may, in its sole discretion, terminate further funding under this Agreement. In such event the Subgrantee/Subrecipient must, within sixty (60) days of receipt of Notice by the Grantee/Recipient, reimburse the Grantee/Recipient for all payments disbursed to the Subgrantee/Subrecipient, together with any and all accrued interest.
 - i. Failure of the Grantee/Recipient to terminate funding when a Subgrantee's/Subrecipient's breach is discovered does not act as a waiver of the Grantee's/Recipient's right to enforce this provision later, nor does failure to enforce this provision in one instance act as a waiver to enforce this provision in other instances.
- b. For all projects, the Subgrantee/Subrecipient must state on the "Project Completion and Certification Report" that all work was performed in accordance with this

Agreement and the requirements in each Project Worksheet, and must state the date of completion.

- c. For Small Projects, the Subgrantee/Subrecipient must notify the State when work is complete and must upload photographs clearly demonstrating completion of the work to the Subgrantee/Subrecipient's FloridaPA.org account.
- d. For Large Projects the Subgrantee/Subrecipient must submit a Request for Closeout on FloridaPA.org, and include.
 - i. a Request for Reimbursement (if funds are owed to the Subgrantee/Subrecipient); and
 - ii. a Summary of Documentation which is automatically created when the request for closeout is submitted on FloridaPA.org.
- e. To ensure that all work has been performed within the scope of work specified on the Project Worksheets, the Grantee/Recipient will conduct final inspections on Large Projects, and may, at its sole discretion, select one or more Small Projects to be inspected. Costs determined to be outside of the approved scope of work and/or outside of the approved performance period cannot be reimbursed.
- f. Interim Inspections may be requested by the Subgrantee/Subrecipient, on both small and large projects, to:
 - i. conduct insurance reconciliations;
 - ii. review an alternate scope of work;
 - iii. review an improved scope of work; and/or
 - iv. validate scope of work and/or cost.
- g. Interim Inspections may be scheduled and submitted by the Grantee/Recipient as a request in FloridaPA.org under the following conditions:
 - i. a quarterly report has not been updated between quarters;
 - ii. the Subgrantee/Subrecipient is not submitting Requests for Reimbursement (RFR's) in a timely manner;
 - iii. requests for a Time Extension have been made that exceed the Grantee's/Recipient's authority to approve; and/or
 - iv. there are issues or concerns identified by the Grantee/Recipient that may impact funding under this agreement
- h. The Subgrantee/Subrecipient must submit a request Large Project closeout in FloridaPA.org no later than sixty (60) days after the project's completion.
 - i. The Grantee/Recipient will use its authority to submit a request for project closeout if the Subgrantee/Subrecipient has identified the project to be complete but has failed to submit the request for closeout.

8) PAYMENT.

- a. The Grantee/Recipient agrees to disburse the eligible costs to the Subgrantee/Subrecipient in accordance with the following procedures:

i. **Funding for Small Projects:** Small project funding will be based on estimated costs, only if actual costs are not yet available. Payment is made on the basis of the initial approved amount, whether estimated or actual. Revisions to the initial Project Worksheet may be required if there are omissions or changes in the scope of work. (Revisions to the Project Worksheets may result in changes in funding level and/or category.) Payment methods are fully described in FEMA's Public Assistance Program and Policy Guide (January 2016). A request to increase cost on small projects is only allowed under a request for a Net Small Project Overrun. A Small Project Netting will require the inspection of *all* small projects to ensure that both the scope of work was completed and that all combined funds were expended.

1. The Grantee/Recipient agrees to disburse the federal and nonfederal shares of the eligible costs for Small Projects to the Subgrantee/Subrecipient as soon as practicable after execution of this Agreement and formal notification by FEMA of its obligation of the pertinent Small Project Worksheet.

ii. **Funding for Large Projects:** Although Large project funding must be based on documented actual costs, most Large Projects are initially approved based on estimated costs. Funds are made available to the Subgrantee/Subrecipient when work is in progress and funds have been expended with documentation of costs available. When all work associated with the project is complete, the State will perform a reconciliation of actual costs and will transmit the information to FEMA for its consideration for final funding adjustments.

1. The Grantee/Recipient agrees to reimburse the Subgrantee/Subrecipient for the federal and nonfederal shares of the eligible costs for Large Projects as soon as practicable after execution of this Agreement and formal notification by FEMA of its approval of the pertinent Large Project Worksheet and submission of a Request for Reimbursement (RFR) by the Subgrantee/Subrecipient. The submission from the Subgrantee/Subrecipient requesting this reimbursement must include:

- a) a Request for Reimbursement (available in FloridaPA.org);
- b) a Summary of Documentation (SOD) which is titled Reimbursement Detail Report in FloridaPA.org and is automatically created when the Request for Reimbursement is submitted (and is supported by copies of original documents such as, but not limited to, contract documents, insurance policies, payroll records, daily work logs, invoices, purchase orders, and change orders); and
- c) the FEMA Cost Claim Summary Workbook (found in the Forms section of FloridaPA.org), along with copies of original documents such as contract documents, invoices, change orders, canceled checks (or other proof of expenditure), purchase orders, etc.

- b. Once the work is completed, the Grantee/Recipient and the Subgrantee/Subrecipient will conduct a final inspection to determine if the payments to the Subgrantee/Subrecipient were proper, if it is owed additional monies, or if it must submit repayment to the State for overpayment.
- c. In the event that funds are owed to the State on any Federal grant, all payables are subject to be applied to any receivable until the total debt is satisfied.
- d. The amount which may be advanced may not exceed the expected cash needs of the Subgrantee/Subrecipient for the first three (3) months of the contract term, not to exceed the Federal share.
- e. Advances.
 - i. Payments under the Public Assistance Alternative Procedures Program (PAAP) are paid as an Advance Payment. Notwithstanding Paragraph "3) Funding," above, these payments are not bound by Section 216.181(16), Florida Statutes.
 - 1. The Grantee/Recipient must request a waiver from the State Comptroller each Fiscal year.
 - 2. For a federally funded contract, any advance payment is also subject to 2 C.F.R., federal OMB Circulars A-87, A-110, A-122, and the Cash Management Improvement Act of 1990.
 - 3. All advances must be held in an interest-bearing account with the interest being remitted to the Grantee/Recipient as often as practicable, but not later than ten (10) business days after the close of each calendar quarter.
 - 4. In order to prepare a Request for Advance (RFA) the Subgrantee/Subrecipient must certify to the Grantee/Recipient that it has procedures in place to ensure that funds are disbursed to project vendors, contractors, and subcontractors without unnecessary delay. The Subgrantee/Subrecipient must prepare and submit a budget that contains a timeline projecting future payment schedules through project completion.
 - 5. A separate RFA must be completed for each Project Worksheet to be included in the Advance Funding Payment.
 - 6. The Subgrantee/Subrecipient must complete a Request for Reimbursement (RFR) via FloridaPA.org no more than ninety (90) days after receiving its Advance Payment for a specific project. The RFR must account for all expenditures incurred while performing eligible work documented in the applicable Project Worksheet for which the Advance was received.
 - 7. If a reimbursement has been paid prior to the submittal of a request for an advance payment, an Advance cannot be accepted for processing.

8. The Grantee/Recipient may advance funds to the Subgrantee/Subrecipient, not exceeding the Federal share, only if the Subgrantee/Subrecipient meets the following conditions:
 - a) the Subgrantee/Subrecipient must certify to the Grantee/Recipient that Subgrantee/Subrecipient has procedures in place to ensure that funds are disbursed to project vendors, contractors, and subcontractors without unnecessary delay;
 - b) the Subgrantee/Subrecipient must submit to the Grantee/Recipient the budget supporting the request.
9. The Subgrantee/Subrecipient must submit a statement justifying the advance and the proposed use of the funds, which also specifies the amount of funds requested and certifies that the advanced funds will be expended no more than 90 days after receipt of the Advance;
10. The Grantee/Recipient may, in its sole discretion, withhold a portion of the federal and/or nonfederal share of funding under this Agreement from the Subgrantee/Subrecipient if the Grantee/Recipient reasonably expects that the Subgrantee/Subrecipient cannot meet the projected budgeted timeline or that there may be a subsequent determination by FEMA that a previous disbursement of funds under this or any other Agreement with the Subgrantee/Subrecipient was improper.

9) FINAL PAYMENT.

- a. The Grantee/Recipient agrees to disburse the final payment to the Subgrantee/Subrecipient upon satisfaction of the following conditions:
 - i. the Subgrantee/Subrecipient must have completed the project to the satisfaction of the Grantee/Recipient;
 - ii. the Subgrantee/Subrecipient must have submitted the documentation required by this Agreement;
 - iii. in the case of Large Projects, the Grantee/Recipient must have performed the final inspection;
 - iv. in the case of Small Projects, the project listing and certification must have been reviewed by the Grantee/Recipient, or alternatively, the Grantee/Recipient must have performed a final inspection (the subgrantee notifies the state when work is complete on small projects, small projects are considered closed when the P.4. has been processed and FEMA has closed the subgrantee Grant); and
 - v. the Subgrantee/Subrecipient must have requested final reimbursement.
- b. The Grantee/Recipient may submit the final Request for Reimbursement (RFR) based on final inspections and closeout versions.

10) RECORDS MAINTENANCE.

- a. The funding of eligible costs under this Agreement and the performance of all other conditions are subject to the following requirements, in addition to such other requirements as may be imposed by operation of law:
 - i. The "Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments," as codified in 2 C.F.R. and 44 C.F.R. § 13, as amended;
 - ii. Office of Management and Budget Circular (OMB) No. A-87, "Cost Principles for State and Local Governments," as amended;
 - iii. OMB Circular A-110, "Uniform Administrative Requirements for Grants and Other Agreements with Institutions of Higher Education, Hospitals and Other Non-Profit Organizations," as amended;
 - iv. OMB Circular A-122, "Cost Principles for Non-Profit Organizations," as amended; and
 - v. OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations," as amended.
- b. The Subgrantee/Subrecipient must retain sufficient records to show its compliance with the terms of this Agreement, including documentation of all program costs, in a form sufficient to determine compliance with the requirements and objectives under this Agreement and all other applicable laws and regulations, for a period of five (5) years from the date of the Subgrantee/Subrecipient account closeout by FEMA.
 - i. The five (5) year period is extended if any litigation, claim or audit is started before the five (5) year period expires, and extends beyond the five (5) year period. The records must then be retained until all litigation, claims, or audit findings involving the records have been resolved.
- c. Records for the disposition of non-expendable personal property valued at \$5,000⁰⁰ or more at the time it is acquired must be retained for five (5) years after final account close out.
- d. Records relating to the acquisition of real property must be retained for five (5) years after final account close out.
- e. The Subgrantee/Subrecipient and its employees or agents, including all sub-contractors or consultants to be paid from funds provided under this Agreement, must allow access to its records at reasonable times to the Grantee/Recipient, the Florida Chief Financial Officer, the Florida Auditor General, the Comptroller General of the United States, the Department of Homeland Security (DHS), and FEMA, to include any designated employees and/or agents of such entities.

11) REPAYMENT BY SUBGRANTEE/SUBRECIPIENT.

- a. If upon final inspection, final audit, or other review by the Grantee/Recipient, FEMA, or any other authority, it is determined that the disbursements to the Subgrantee/Subrecipient under this Agreement exceed the eligible costs, the Subgrantee/Subrecipient must reimburse to the Grantee/Recipient the amount by which the total disbursements exceed the eligible costs no later than forty-five (45)

days from the date the Subgrantee/Subrecipient receives notice of such determination.

- b. All refunds or repayments owing to the Grantee/Recipient under this Agreement are to be made payable to the order of "Division of Emergency Management, Cashier" and mailed directly to:

Cashier, Division of Emergency Management,
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100.

- c. In accordance with section 215.34 (2), Florida Statutes, if a check or other draft is returned to the Grantee/Recipient for collection, Recipient must pay the Grantee/Recipient a service fee of \$15⁰⁰ or 5% of the face amount of the returned check or draft, whichever is greater.

12) AUDIT

- a. The Subgrantee/Subrecipient shall comply with the audit requirements contained in 2 C.F.R. Part 200, Subpart F.
- b. In accounting for the receipt and expenditure of funds under this Agreement, the Subgrantee/Subrecipient shall follow Generally Accepted Accounting Principles ("GAAP"). As defined by 2 C.F.R. § 200.49, GAAP "has the meaning specified in accounting standards issued by the Government Accounting Standards Board (GASB) and the Financial Accounting Standards Board (FASB)."
- c. When conducting an audit of the Subgrantee's/Subrecipient's performance under this Agreement, the Division shall use Generally Accepted Government Auditing Standards ("GAGAS"). As defined by 2 C.F.R. § 200.50, GAGAS, "also known as the Yellow Book, means generally accepted government auditing standards issued by the Comptroller General of the United States, which are applicable to financial audits."
- d. If an audit shows that all or any portion of the funds disbursed were not spent in accordance with the conditions of this Agreement, the Subgrantee/Subrecipient shall be held liable for reimbursement to the Division of all funds not spent in accordance with these applicable regulations and Agreement provisions within thirty days after the Division has notified the Subgrantee/Subrecipient of such non-compliance.
- e. The Subgrantee/Subrecipient shall have all audits completed by an independent auditor, which is defined in section 215.97(2)(h), Florida Statutes, as "an independent certified public accountant licensed under chapter 473." The independent auditor shall state that the audit complied with the applicable provisions noted above. The audit must be received by the Division no later than nine months from the end of the Subgrantee's/Subrecipient's fiscal year.
- f. The Subgrantee/Subrecipient shall send copies of reporting packages for audits conducted in accordance with 2 C.F.R. Part 200, by or on behalf of the Subgrantee/Subrecipient, to the Division at the following address:

DEMSingle_Audit@em.myflorida.com

OR

Office of the Inspector General
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

- g. The Subgrantee/Subrecipient shall send the Single Audit reporting package and Form SF-SAC to the Federal Audit Clearinghouse by submission online at:

<http://harvester.census.gov/fac/collect/ddeindex.html>

- h. The Subgrantee/Subrecipient shall send any management letter issued by the auditor to the Division at the following address:

DEMSingle_Audit@em.myflorida.com

OR

Office of the Inspector General
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

13) NONDISCRIMINATION BY CONTRACTORS.

- a. Pursuant to 44 C.F.R. §§ 7 and 16, and 44 C.F.R. § 206.11, the Subgrantee/Subrecipient must undertake an active program of nondiscrimination in its administration of disaster assistance under this Agreement. The Subgrantee/Subrecipient is also be subject to the requirements in the General Services Administrative Consolidated List of Debarred, Suspended and Ineligible Contractors, in accordance with 44 C.F.R. § 17.

14) MODIFICATION AND TIME FOR PERFORMANCE.

- a. Any amendments to, or modification of, this Agreement, including a modification extending the time for completion of a project, must be in writing, must be subject to the same terms and conditions as those set out in the initial Agreement, and takes effect only upon execution by both parties.
- b. Modifications to any Project Worksheet to be funded under this Agreement may be requested by the Subgrantee/Subrecipient through the Grantee/Recipient. The approval of any such modifications, however, is at the sole discretion of FEMA.
- c. Any approved modification to a Project Worksheet must be noted in a new Project Worksheet version for the project and in any amendment to this Agreement.
- d. The time allowed for the performance of eligible emergency work is six (6) months from the date of the presidential major disaster declaration, unless extended by the Grantee/Recipient or FEMA.
- e. The time allowed for the performance of eligible permanent work is eighteen (18) months from the date of the presidential major disaster declaration, unless extended by the Grantee/Recipient or FEMA.
- f. The time for project completion can only be extended once unless the failure of the Subgrantee/Subrecipient to close out the project is caused by events beyond its

control. Extensions cannot be granted for delays caused by lack of cost-share funding.

- g. If any extension request is denied by the Grantee/Recipient, or is not sought by the Subgrantee/Subrecipient, reimbursement is only available for eligible project costs incurred up to the latest approved extension for completed projects.
- h. Failure to complete a project is adequate cause for the termination of funding for that project and require reimbursement to the Grantee/Recipient of any and all project costs.

15) CONTRACTS WITH OTHERS.

- a. If the Subgrantee/Subrecipient contracts with any contractor or vendor for performance of any portion of the work required under this Agreement, the Subgrantee/Subrecipient must incorporate into its contract with such contractor or vendor an indemnification clause holding the Federal Government, its employees and/or their contractors, the Grantee/Recipient, its employees and/or their contractors, and the Subgrantee/Subrecipient and its employees and/or their contractors harmless from liability to third parties for claims asserted under such contract.
- b. The Subgrantee/Subrecipient must document in the Quarterly Report the subcontractor's progress in performing its work under this Agreement.
- c. For each subcontract, the Subgrantee/Subrecipient must provide a written statement to the Grantee/Recipient as to whether the subcontractor is a minority vendor as defined in section 288.703, Florida Statutes. Copies of all contracts and subcontracts must be uploaded into FloridaPA.org by the Subgrantee/Subrecipient.
- d. All contracts must conform to the uniform standards for procurement found in 2 C.F.R §§ 200.317-.326 and Appendix II.
 - i. Grace Period. Notwithstanding the preceding, a Non-Federal Entity (NFE), may choose to continue to comply with the former procurement standards applicable to FEMA awards found at 44 C.F.R. Part 13 (for states, local, and Indian tribal governments) or 2 C.F.R. Part 215 (for institutions of higher education, hospitals, and other nonprofit organizations) until the completion of two additional fiscal years after December 26, 2014. This is an elective grace period. Note that if an NFE elects to use the previous procurement standards, it must affirmatively document this decision in its internal procurement policies, including the date upon which its grace period (based upon the two additional fiscal years) will end, and that it understand and agrees it must transition to the new procurement standards.

16) LIABILITY.

- a. The Grantee/Recipient assumes no liability to third parties in connection with this Agreement. Unless the Subgrantee/Subrecipient is a governmental entity covered under section 768.28 (5), Florida Statutes, the Subgrantee/Subrecipient is solely responsible to any and all contractors, vendors, and other parties with whom it contracts in performing this Agreement. Further, unless the Subgrantee/

Subrecipient is a governmental entity within the meaning of the preceding sentence, the Subgrantee/Subrecipient, by entering into this Agreement, agrees to indemnify and hold the Grantee/Recipient harmless from any and all claims asserted by third parties in connection with the performance of this Agreement.

- b. For the purpose of this Agreement, the Grantee/Recipient and the Subgrantee/Subrecipient agree that neither one is an employee or agent of the other, but that each one stands as an independent contractor in relation to the other.
- c. Nothing in this Agreement is to be construed as a waiver by the Grantee/Recipient or the Subgrantee/Subrecipient of any legal immunity, nor is anything in this Agreement to be construed as consent by either of the parties to be sued by third parties in connection with any matter arising from the performance of this Agreement.
- d. The Subgrantee/Subrecipient represents that to the best of its knowledge any hazardous substances that may be present at its project site or sites are present in quantities within statutory and regulatory limitations, and do not require remedial action under any federal, State or local requirements concerning such substances.
- e. The Subgrantee/Subrecipient further represents that the presence of any such substance or any condition at the site caused by the presence of any such substance will be addressed in accordance with all applicable legal requirements.

17) REPORTS.

- a. The Subgrantee/Subrecipient must provide Quarterly Reports to the Grantee/Recipient on the Quarterly Report Form available in FloridaPA.org, a sample of which is attached hereto as Attachment "B" and incorporated herein by reference.
- b. The first Quarterly Report is due at such time as the Subgrantee/Subrecipient is notified so. All subsequent Quarterly Reports are due no later than fifteen (15) days after each calendar quarter through the 2nd Quarter after official closure by FEMA. Quarterly Reports must indicate the anticipated completion date (this is not the approved time extension date but the date the Subgrantee/Subrecipient actually expects the project work to be complete for each project), together with any other circumstances that may affect the completion date, the scope of work, the project costs, or any other factors that may affect compliance with this Agreement.
- c. Interim inspections must be scheduled by the Subgrantee/Subrecipient before the final inspection, and may be required by the Grantee/Recipient based on information supplied in the Quarterly Reports.
- d. The Grantee/Recipient may require additional reports as needed, in which case the Subgrantee/Subrecipient must provide any such additional reports as soon as practicable.
- e. With respect to a Request for Advance or Reimbursement, Summary of Documentation, and Quarterly Reports, the contact for the Grantee/Recipient will be the State Public Assistance Officer.
- f. If the reports required under this section are not completed with all required information and timely submitted, the Grantee/Recipient must withhold payments payable to the Subgrantee/Subrecipient from any funding agreement.

- g. If reimbursement has not been requested within 720 days of obligation, FEMA may de-obligate funding as an interim financial reconciliation. If this occurs, the delay in funding is not appealable and the Subgrantee/Subrecipient will be eligible for funding when the project is complete and the final inspection has been processed by FEMA.

18) MONITORING.

- a. The Subgrantee/Subrecipient must monitor its performance under this Agreement, as well as that of its subcontractors, agents, and consultants who are paid from funds provided under this Agreement, to ensure that performance under this Agreement is achieved, satisfactorily performed, and in compliance with applicable State and federal laws, rules, and regulations.
- b. In addition to reviews of audits conducted in accordance with 2 C.F.R. and OMB Circular A-133, as revised, and section 215.97, Florida Statutes, monitoring procedures may include, but are not limited to, on-site visits by the Grantee/Recipient or its agent, limited scope audits as defined by OMB Circular A-133, as revised, and/or other procedures deemed necessary by the Grantee/Recipient or FEMA. By entering into this Agreement, the Subgrantee/Subrecipient agrees to comply and cooperate with all monitoring procedures/processes deemed appropriate by the Grantee/Recipient. In the event that the Grantee/Recipient determines that a limited scope audit of the Subgrantee/Subrecipient is appropriate, the Subgrantee/Subrecipient agrees to comply with any additional instructions provided by the Grantee/Recipient regarding such audit.
- c. The Subgrantee/Subrecipient agrees to comply and cooperate with any inspections, reviews, investigations or audits deemed necessary by the Comptroller or Auditor General.
- d. The Grantee/Recipient will monitor the performance and financial management by the Subgrantee/Subrecipient throughout the contract term to ensure timely completion of all tasks.
- e. The Subgrantee/Subrecipient must update its contacts in FloridaPA.org each quarter and ensure requests for updates are submitted as required by Florida Statutes.

19) MANDATED CONDITIONS.

- a. The Subgrantee/Subrecipient understands and agrees that:
 - i. Invoices for fees or other compensation for services or expenses must be submitted in detail sufficient for a proper pre and post-audit.
 - ii. The Grantee/Recipient may unilaterally terminate this Agreement for refusal by the Subgrantee/Subrecipient or its contractors or subcontractors to allow public access to all documents, papers, letters or other material subject to the provisions of Chapter 119, Florida Statutes, that are made or received by the Subgrantee/Subrecipient or its contractors and subcontractors in connection with this Agreement.

- iii. No funds or other resources received from the Grantee/Recipient disbursed to it under this Agreement will be used directly or indirectly to influence legislation or any other official action by the Florida Legislature or any State agency.
- iv. Responsibility for compliance with this Agreement rests with the Subgrantee/Subrecipient, and further agrees that noncompliance with this Agreement is cause for the rescission, suspension, or termination of funding under this Agreement, and may affect eligibility for funding under past and future Subgrantee/Subrecipient Agreements.
- v. If otherwise allowed under this Agreement, all invoices for any travel expenses must be submitted in accordance with section 112.061, Florida Statutes.
- vi. The Grantee/Recipient will not knowingly award publicly-funded contracts to any contractor who knowingly employs unauthorized alien workers, in violation of the employment provisions contained in 8 U.S.C. § 1324a(e) [§ 74A(e) of the Immigration and Nationality Act ("INA")] and the Grantee/Recipient considers the employment of unauthorized aliens by any contractor a violation of § 274A(e) of the INA. Such violation by the Subgrantee/Subrecipient is grounds for unilateral cancellation of this Agreement by the Grantee/Recipient.
- vii. It will comply with the restriction that a person or affiliate who has been placed on the debarred/convicted vendor list following a conviction for a public entity crime or on the discriminatory vendor list will not be allowed to submit a bid on a contract to provide any goods or services to a public entity, will not be allowed to submit a bid on a contract with a public entity for the construction or repair of a public building or public work, will not be allowed to submit bids on leases of real property to a public entity, will not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with a public entity, and will not be allowed to transact business with any public entity in excess of Category Two for a period of thirty-six (36) months from the date of being placed on the debarred/convicted vendor list or on the discriminatory vendor list.
- viii. If applicable, it must comply with the Americans with Disabilities Act (Public Law 101-336, 42 U.S.C. Section 12101 et seq.), which prohibits discrimination by public and private entities on the basis of disability in the areas of employment, public accommodations, transportation, all State and local government services, and in telecommunications.

20) CERTIFICATIONS.

- a. The Subgrantee/Subrecipient certifies that:
 - i. It possesses the legal authority to receive the funds under this Agreement and that its governing body (if applicable) has authorized the execution and acceptance of this Agreement.
 - ii. The individual executing this Agreement on Subgrantee's/Subrecipient's behalf has the authority to legally execute this Agreement and bind the Subgrantee/Subrecipient to its terms.

- iii. With respect to any Subgrantee/Subrecipient other than a State agency or political subdivision of the State, which receives funds under this Agreement from the federal government, to the best of its knowledge and belief, that it and its principals:
 - 1. are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal department or agency;
 - 2. have not within the five-year period preceding entering into this Agreement had one or more public transactions (federal, State, or local) terminated for cause or default; and
 - 3. have not within the five-year period preceding entering into this proposal been convicted of or had a civil judgment rendered against them for:
 - a) the commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, State, or local) transaction or a contract under public transaction, or
 - b) violation of federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false statements, or receiving stolen property.
- b. The Subgrantee/Subrecipient certifies that to the best of its knowledge and belief:
 - i. No federal appropriated funds have been or will be paid, by or on behalf of the Subgrantee/Subrecipient, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, or the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan or cooperative agreement.
 - 1. Subgrantee/Subrecipient understands that if any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan or cooperative agreement, the Subgrantee/Subrecipient must complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
 - ii. All unmanufactured and manufactured articles, materials and supplies which are acquired for public use under this Agreement have been produced in the United States as required by 41 U.S.C. § 10a, unless it would not be in the public interest or unreasonable in cost.
- c. The Subgrantee/Subrecipient understands and agrees that the language of this certification must be included in the award documents for all sub awards at all tiers

(including subcontracts, sub grants, contracts under grants, loans, and cooperative agreements) and that all Subgrantees/Subrecipients must certify and disclose accordingly. The Subgrantee/Subrecipient further understands and agrees that this certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into.

- i. Subgrantee/Subrecipient further understands that submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. § 1352. Any person who fails to file the required certification is subject to a civil penalty of not less than \$10,000⁰⁰ and not more than \$100,000⁰⁰ for each such failure.
- d. Where the Subgrantee/Subrecipient is unable to certify to any of the statements in this certification, the Subgrantee/Subrecipient understands it must submit to the Grantee/Recipient (by email or facsimile) the completed "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion" for each prospective subcontractor which the Subgrantee/Subrecipient intends to fund under this Agreement. (See Attachment "C".) Such form must be received by the Grantee/Recipient prior to the Subgrantee/Subrecipient entering into a contract with any prospective subcontractor.

21) TERM.

- a. This Agreement takes effect upon its execution by the last of the signatories and terminates upon approval of account closeout by FEMA, unless terminated earlier as specified elsewhere in this Agreement.
 - i. Notwithstanding the above, this Agreement survives account closeout for the purposes of State or federal audit purposes.
- b. The Subgrantee/Subrecipient agrees to commence work on the project(s) specified by this Agreement without delay.

22) DEFAULT, REMEDIES, AND TERMINATION.

- a. Upon the occurrence of any one or more of the following events the Grantee/Recipient may, at its option, terminate this Agreement and any funding under this Agreement, and all obligations of the Grantee/Recipient to disburse further funds under this Agreement terminate at the option of the Grantee/Recipient:
 - i. The determination that any representation by the Subgrantee/ Subrecipient in this Agreement is inaccurate or incomplete in any material respect, or that the Subgrantee/Subrecipient has breached any condition of this Agreement and has not cured such breach in a timely fashion, or that the Subgrantee/Subrecipient is unable or unwilling to meet its obligations under this Agreement;
 - ii. the Subgrantee/Subrecipient suffers any material adverse change in its financial condition while this Agreement is in effect, as compared to its financial condition as represented in any reports or other documents submitted to the Grantee/Recipient, if Subgrantee/Subrecipient has not cured the condition within thirty (30) days after notice in writing from the Grantee/Recipient;

- iii. any reports required by this Agreement have not been submitted to the Grantee/Recipient or have been submitted with inaccurate, incomplete, or inadequate information; or
 - iv. the monies necessary to fund this Agreement are unavailable due to any failure to appropriate or other action or inaction by the State Legislature, Florida Department of Financial Services, Congress, or Office of Management and Budget.
- b. Notwithstanding the preceding, the Grantee/Recipient may at its option continue to make payments or portions of payments after the occurrence of any one or more such events without waiving the right to exercise such remedies and without incurring liability for further payment.
- c. Upon the occurrence of any one or more of the foregoing events, the Grantee/Recipient may at its option give notice in writing to the Subgrantee/Subrecipient to cure its failure of performance if such failure can be cured. Upon the failure of the Subgrantee/Subrecipient to cure, the Grantee/Recipient may exercise any one or more of the following remedies:
 - i. terminate this Agreement upon not less than fifteen (15) days' notice of such termination after delivery by certified letter to the Subgrantee/Subrecipient at the address specified in Attachment "D" of this Agreement;
 - ii. commence an action in law or in equity for the judicial enforcement of this Agreement;
 - iii. withhold the disbursement of any payment or any portion of a payment otherwise due and payable to the Subgrantee/Subrecipient pursuant this Agreement; and
 - iv. take any other actions that may otherwise be available in law or in equity.
- d. Upon the rescission, suspension or termination of this Agreement, the Subgrantee/Subrecipient must refund to the Grantee/Recipient all funds disbursed to the Subgrantee/Subrecipient under this Agreement.
- e. Notwithstanding anything to the contrary elsewhere in this Agreement, the rescission, suspension or termination of this Agreement by the Grantee/Recipient does not relieve the Subgrantee/Subrecipient of liability to the Grantee/Recipient for the restitution of funds advanced to Subgrantee/Subrecipient under this Agreement, and the Grantee/Recipient may set off any such funds by withholding future disbursements otherwise payable to the Subgrantee/Subrecipient under this Agreement until such time as the exact amount of restitution due the Grantee/Recipient from the Subgrantee/Subrecipient is determined. In the event that FEMA should de-obligate funds formerly allowed under this Agreement, the Subgrantee/Subrecipient must immediately repay such funds to the Grantee/Recipient. Any de-obligation of funds or other determination by FEMA must be addressed in accordance with the regulations of that Agency.
- f. If the Subgrantee/Subrecipient violates this Agreement or any statute, rule or other legal requirement applicable to the performance of this Agreement, the Grantee/Recipient must withhold any disbursement otherwise due the Subgrantee/Subrecipient for the project with respect to which the violation has occurred until the violation is cured or has otherwise come to final resolution. If the

violation is not cured, the Grantee/Recipient may terminate this Agreement and invoke its remedies under the Agreement as per this section.

- i. The validity of this Agreement is subject to the truth and accuracy of all the information, representations, and materials submitted or provided by the Subgrantee/Subrecipient in this Agreement, in any subsequent submission or response to the Grantee/Recipient request, or in any submission or response to fulfill the requirements of this Agreement, and such information, representations, and materials are incorporated by reference. The lack of accuracy thereof or any material changes will, at the option of the Grantee/Recipient and with fifteen (15) days written notice to the Subgrantee/Subrecipient, cause the termination of this Agreement and the release of the Grantee/Recipient from all its obligations to the Subgrantee/Subrecipient.

23) ATTACHMENTS.

- a. All attachments to this Agreement are incorporated into this Agreement by reference as if set out fully in the text of the Agreement itself.
- b. In the event of inconsistencies between the language of this Agreement and the Attachments to it, the language of the Attachments are controlling, but only to the extent of such inconsistencies.
- c. All grant administrative and electronic forms not attached to this Agreement will be provided by the Grantee/Recipient as necessary or posted on the Grantee's/Recipient's website at www.FloridaPA.org.

24) HEADINGS.

- a. Headings used in this Agreement are provided for the convenience of the parties only and cannot be used to construe meaning or intent.

25) GOVERNING LAW.

- a. This contract is governed by, and must be construed in accordance with, the laws of the State of Florida, and all claims relating to or arising out of this Agreement, or the breach thereof, whether sounding in contract, tort, or otherwise, are likewise governed by the laws of Florida.
- b. Except as may be otherwise provided for by statute, any action or proceeding, whether brought by the Grantee/Recipient or the Subgrantee/Subrecipient, relating to or arising out of this contract must be brought in Leon County, Florida and venue will lie therein.

26) ATTORNEY FEES.

- a. Except as may be otherwise provided for by statute, in any action arising out of this Agreement each party shall bear its own attorney's fees and costs.

27) PUBLIC ASSISTANCE ALTERNATIVE PROCEDURES.

- a. Should the Subgrantee/Subrecipient desire to utilize the Public Assistance Alternative Procedures provisions of the Sandy Recovery Improvement Act (Division B of P.L. 113-2), execution of a Supplemental Funding Agreement covering specific aspects of the Alternative Procedures Package is required of the Subgrantee/Subrecipient prior to the payment of such funds by the State as the Grantee/Recipient.
- b. Payments processed under the Alternative Procedures provisions will be requested as an advance and are exempt from advance requirements covered by Section 216.181(16), Florida Statutes. They will, however, be treated as an advance for purposes of Requests for Reimbursement (RFRs) and satisfaction of the requirement that ninety percent (90%) of previously advanced funds must be accounted for prior to receiving a second advance.

28) DESIGNATION OF AGENT.

- a. The Subgrantee/Subrecipient must complete Attachment "D" by designating at least three agents to execute any Requests for Advance or Reimbursement, certifications, or other necessary documentation on behalf of the Subgrantee/Subrecipient.
- b. After execution of this Agreement, the authorized, primary, and secondary Agent may request changes to contacts via email to the State assigned team.
- c. In the event the Subgrantee/Subrecipient contacts have not been updated regularly and all three (3) Agents have separated from the Subgrantee's/Subrecipient's agency, a designation of authority form will be needed to change contacts. NOTE: This is very important because if contacts are not updated, notifications made from FloridaPA.org may not be received and could result in failure to meet time periods to appeal a Federal determination.

29) NOTICE AND CONTACT.

- a. All notices required to be made to the Grantee/Recipient under this Agreement must be in writing and must be delivered by email, by facsimile, by hand, or by certified letter to the Grantee/Recipient at the following addresses:

Evan Rosenberg, Bureau Chief
Division of Emergency Management
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100
Email: evan.rosenberg@em.myflorida.com.

- b. All notices required to be made to the Subgrantee/Subrecipient under this Agreement must be in writing and must be delivered by email, by facsimile, by hand, or by certified letter to the Subgrantee/Subrecipient at the address indicated in Attachment "D" which the Subgrantee/Subrecipient must complete and submit with this Agreement.

30) FEDERALLY FUNDED SUBAWARD

- a. This Agreement and the Project Worksheet (FEMA Form 90-91) combine to form a Federally Funded Subaward and Grant Agreement.

- b. The parties agree that the Federally Funded Subaward and Grant Agreement formed as described above should comply with the requirements of Section 215.971, Florida Statutes.

**STATE OF FLORIDA
DIVISION OF EMERGENCY MANAGEMENT
HURRICANE MATTHEW DECLARATION
(FEMA-4283-DR-FL)**

Federally Funded Public Assistance State Agreement

IN WITNESS WHEREOF, the Grantee/Recipient and the Subgrantee/Subrecipient have executed this Agreement:

FOR THE GRANTEE/RECIPIENT:
DIVISION OF EMERGENCY MANAGEMENT

Governor's Authorized Representative

Date

FOR THE SUBGRANTEE/SUBRECIPIENT:

Printed Name and Title

Signature

Date

DUNS Number: 004686403

Federal Employer Identification Number (FEIN): 59-6000553

or

State Agency FLAIR Number: _____

CFDA Number:	<u>97.036</u>
Federal Fund Number	<u>20 2 750001</u>
State Fund Number	<u>20 2 339047</u>

- Attachments:
- A) Statement of Assurances
 - B) Example of Public Assistance Quarterly Report
 - C) Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion
 - D) Designation of Authority with Instructions
 - E) DHS OIG Audit Issues & Acknowledgement
 - F) Justification for Advance Payment

Statement of Assurances

- 1) The Subgrantee/Subrecipient hereby certifies compliance with all Federal statutes, regulations, policies, guidelines, and requirements, including but not limited to OMB Circulars No. A-21, A-87, A-110, A-122, and A-128; E.O. 12372; and Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, 2 C.F.R. Part 200; that govern the application, acceptance and use of Federal funds for this federally-assisted project.
- 2) Additionally, to the extent the following provisions apply to this Agreement, the Subgrantee/Subrecipient assures and certifies that:
 - a. It possesses legal authority to apply for the grant, and to finance and construct the proposed facilities; that a resolution, motion, or similar action has been duly adopted or passed as an official act of the Subgrantee's/Subrecipient's governing body, authorizing the filing of the application, including all understandings and assurances contained therein, and directing and authorizing the person identified as the official representative of the Subgrantee/Subrecipient to act in connection with the application and to provide such additional information as may be required.
 - b. To the best of its knowledge and belief the disaster relief work described on each Federal Emergency Management Agency (FEMA) Project Application for which Federal Financial assistance is requested is eligible in accordance with the criteria contained in 44 C.F.R. § 206, and applicable FEMA policy documents.
 - c. The emergency or disaster relief work therein described for which Federal Assistance is requested hereunder does not, or will not, duplicate benefits available for the same loss from another source.
- 3) The Subgrantee/Subrecipient further assures it will:
 - a. Have sufficient funds available to meet the non-Federal share of the cost for construction projects. Sufficient funds will be available when construction is completed to assure effective operation and maintenance of the facility for the purpose constructed, and if not it will request a waiver from the Governor to cover the cost.
 - b. Refrain from entering into a construction contract(s) for the project or undertake other activities until the conditions of the grant program(s) have been met, all contracts meet federal, State, and local regulations.
 - c. Provide and maintain competent and adequate architectural engineering supervision and inspection at the construction site to ensure that the completed work conforms with the approved plans and specifications, and will furnish progress reports and such other information as the Federal grantor agency may need.
 - d. Cause work on the project to be commenced within a reasonable time after receipt of notification from the approving Federal agency that funds have been approved and will see that work on the project will be done to completion with reasonable diligence.
 - e. Not dispose of or encumber its title or other interests in the site and facilities during the period of Federal interest or while the Government holds bonds, whichever is longer.
 - f. Provide without cost to the United States and the Grantee/Recipient all lands, easements and rights-of-way necessary for accomplishment of the approved work and will also hold and save the United States and the Grantee/Recipient free from damages due to the approved work or Federal funding.
 - g. Establish safeguards to prohibit employees from using their positions for a purpose that is or gives the appearance of being motivated by a desire for private gain for themselves or others, particularly those with whom they have family, business, or other ties.

- h. Assist the Federal grantor agency in its compliance with Section 106 of the National Historic Preservation Act of 1966 as amended, Executive Order 11593, and the Archeological and Historical Preservation Act of 1966 by:
 - i. consulting with the State Historic Preservation Officer on the conduct of investigations, as necessary, to identify properties listed in or eligible for inclusion in the National Register of Historic Places that are subject to adverse effects (see 36 C.F.R. Part 800.8) by the activity, and notifying the Federal grantor agency of the existence of any such properties; and
 - ii. by complying with all requirements established by the Federal grantor agency to avoid or mitigate adverse effects upon such properties.
- i. Give the sponsoring agency or the Comptroller General, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the grant.
- j. With respect to demolition activities:
 - i. create and make available documentation sufficient to demonstrate that the Subgrantee/Subrecipient and its demolition contractor have sufficient manpower and equipment to comply with the obligations as outlined in this Agreement;
 - ii. return the property to its natural state as though no improvements had been contained thereon;
 - iii. furnish documentation of all qualified personnel, licenses, and all equipment necessary to inspect buildings located in Subgrantee's/Subrecipient's jurisdiction to detect the presence of asbestos and lead in accordance with requirements of the U.S. Environmental Protection Agency, the Florida Department of Environmental Protection, and the appropriate County Health Department;
 - iv. provide documentation of the inspection results for each structure to indicate safety hazards present, health hazards present, and/or hazardous materials present;
 - v. provide supervision over contractors or employees employed by the Subgrantee/Subrecipient to remove asbestos and lead from demolished or otherwise applicable structures;
 - vi. leave the demolished site clean, level, and free of debris;
 - vii. notify the Grantee/Recipient promptly of any unusual existing condition which hampers the contractors work;
 - viii. obtain all required permits;
 - ix. provide addresses and marked maps for each site where water wells and septic tanks are to be closed, along with the number of wells and septic tanks located on each site, and provide documentation of such closures;
 - x. comply with mandatory standards and policies relating to energy efficiency which are contained in the State energy conservation plan issued in compliance with the Energy Policy and Conservation Act;
 - xi. comply with all applicable standards, orders, or requirements issued under Section 112 and 306 of the Clean Air Act, Section 508 of the Clean Water Act, Executive Order 11738, and the U.S. Environmental Protection Agency regulations. (This clause must be added to any subcontracts); and
 - xii. provide documentation of public notices for demolition activities.
- k. Require facilities to be designed to comply with the "American Standard Specifications for Making Buildings and Facilities Accessible to, and Usable by the Physically Handicapped," Number A117.1-1961, as modified. The Subgrantee/Subrecipient will be responsible for conducting inspections to ensure compliance with these specifications by the contractor.

- l. Provide an Equal Employment Opportunity Program, if required to maintain one, where the application is for \$500,000⁰⁰ or more.
 - m. Return overpaid funds within the forty-five (45) day requirement, and if unable to pay within the required time period, begin working with the Grantee/Recipient in good faith to agree upon a repayment date.
 - n. In the event a Federal or State court or Federal or State administrative agency makes a finding of discrimination after a due process hearing on the Grounds of race, color, religion, national origin, sex, or disability against a recipient of funds, forward a copy of the finding to the Office for Civil Rights, Office of Justice Programs.
- 4) The Subgrantee/Subrecipient agrees it will comply with the:
- a. Requirements of all provisions of the Uniform Relocation Assistance and Real Property Acquisitions Act of 1970 which provides for fair and equitable treatment of persons displaced as a result of Federal and federally-assisted programs.
 - b. Provisions of Federal law found at 5 U.S.C. § 1501, et. seq. which limit certain political activities of employees of a State or local unit of government whose principal employment is in connection with an activity financed in whole or in part by Federal grants.
 - c. Provisions of 18 U.S.C. §§ 594, 598, and 600-605 relating to elections, relief appropriations, and employment, contributions, and solicitations.
 - d. Minimum wage and maximum hour's provisions of the Federal Fair Labor Standards Act.
 - e. Contract Work Hours and Safety Standards Act of 1962, requiring that mechanics and laborers (including watchmen and guards) employed on federally assisted contracts be paid wages of not less than one and one-half times their basic wage rates for all hours worked in excess of forty hours in a work week.
 - f. Federal Fair Labor Standards Act, requiring that covered employees be paid at least the minimum prescribed wage, and also that they be paid one and one-half times their basic wage rates for all hours worked in excess of the prescribed work-week.
 - g. Anti-Kickback Act of 1986, which outlaws and prescribes penalties for "kick-backs" of wages in federally financed or assisted construction activities.
 - h. Requirements imposed by the Federal sponsoring agency concerning special requirements of law, program requirements, and other administrative requirements. It further agrees to ensure that the facilities under its ownership, lease or supervision which are utilized in the accomplishment of the project are not listed on the Environmental Protection Agency's (EPA) list of Violating Facilities and that it will notify the Federal grantor agency of the receipt of any communication from the Director of the EPA Office of Federal Activities indicating that a facility to be used in the project is under consideration for listing by the EPA.
 - i. Flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973, which requires that on and after March 2, 1975, the purchase of flood insurance in communities where such insurance is available, as a condition for the receipt of any Federal financial assistance for construction or acquisition purposes for use in any area that has been identified by the Secretary of the Department of Housing and Urban Development as an area having special flood hazards. The phrase "Federal financial assistance" includes any form of loan, grant, guaranty, insurance payment, rebate, subsidy, disaster assistance loan or grant, or any other form of direct or indirect Federal assistance.
 - j. Insurance requirements of Section 314, PL 93-288, to obtain and maintain any other insurance as may be reasonable, adequate, and necessary to protect against further loss to any property which was replaced, restored, repaired, or constructed with this assistance. Note that FEMA provides a mechanism to modify this insurance requirement by filing a request for an insurance commissioner certification (ICC). The state's insurance commissioner cannot waive Federal insurance requirements but may certify the types and extent of insurance reasonable to protect against future loss to an insurable facility.

- k. Applicable provisions of Title I of the Omnibus Crime Control and Safe Streets Act of 1968, as amended, the Juvenile Justice and Delinquency Prevention Act, or the Victims of Crime Act, as appropriate; the provisions of the current edition of the Office of Justice Programs Financial and Administrative Guide for Grants, M7100.1; and all other applicable Federal laws, orders, circulars, or regulations, and assure the compliance of all its Subgrantees/Subrecipients and contractors.
- l. Provisions of 28 C.F.R. applicable to grants and cooperative agreements including Part 18, Administrative Review Procedure; Part 20, Criminal Justice Information Systems; Part 22, Confidentiality of Identifiable Research and Statistical Information; Part 23, Criminal Intelligence Systems Operating Policies; Part 30, Intergovernmental Review of Department of Justice Programs and Activities; Part 42, Nondiscrimination/Equal Employment Opportunity Policies and Procedures; Part 61, Procedures for Implementing the National Environmental Policy Act; Part 63, Floodplain Management and Wetland Protection Procedures; and Federal laws or regulations applicable to Federal Assistance Programs.
- m. Lead-Based Paint Poison Prevention Act which prohibits the use of lead based paint in construction of rehabilitation or residential structures.
- n. Energy Policy and Conservation Act and the provisions of the State Energy Conservation Plan adopted pursuant thereto.
- o. Non-discrimination requirements of the Omnibus Crime Control and Safe Streets Act of 1968, as amended, or Victims of Crime Act (as appropriate); Section 504 of the Rehabilitation Act of 1973, as amended; Subtitle A, Title II of the Americans with Disabilities Act (ADA) (1990); Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975; Department of Justice Non-Discrimination Regulations; and Department of Justice regulations on disability discrimination, and assure the compliance of all its Subgrantees/Subrecipients and contractors.
- p. Provisions of Section 311, P.L. 93-288, and with the Civil Rights Act of 1964 (P.L. 83-352) which, in Title VI of the Act, provides that no person in the United States of America, Grantees/Recipients shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Subgrantee/Subrecipient receives Federal financial assistance and will immediately take any measures necessary to effectuate this agreement. If any real property or structure is provided or improved with the aid of Federal financial assistance extended to the Subgrantee/Subrecipient, this assurance shall obligate the Subgrantee/Subrecipient or in the case of any transfer of such property, any transferee, for the period during which the real property or structure is used for a purpose for which the Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits.
- q. Provisions of Title IX of the Education Amendments of 1972, as amended which prohibits discrimination on the basis of gender.
- r. Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970, relating to nondiscrimination on the basis of alcohol abuse or alcoholism.
- s. Provisions of 523 and 527 of the Public Health Service Act of 1912 as amended, relating to confidentiality of alcohol and drug abuse patient records.
- t. Provisions of all appropriate environmental laws, including but not limited to:
 - i. The Clean Air Act of 1955, as amended;
 - ii. The Clean Water Act of 1977, as amended;
 - iii. The Endangered Species Act of 1973;
 - iv. The Intergovernmental Personnel Act of 1970;

- v. Environmental standards which may be prescribed pursuant to the National Environmental Policy Act of 1969;
- vi. The Wild and Scenic Rivers Act of 1968, related to protecting components or potential components of the national wild and scenic rivers system;
- vii. The Fish and Wildlife Coordination Act of 1958;
- viii. Environmental standards which may be prescribed pursuant to the Safe Drinking Water Act of 1974, regarding the protection of underground water sources;
- ix. The provisions of the Coastal Barrier Resources Act (P.L. 97-348) dated October 19, 1982 which prohibits the expenditure of newest Federal funds within the units of the Coastal Barrier Resources System.
- u. The provisions of all Executive Orders including but not limited to:
 - i. Executive Order 11246 as amended by Executive Orders 11375 and 12086, and the regulations issued pursuant thereto, which provide that no person shall be discriminated against on the basis of race, color, religion, sex or national origin in all phases of employment during the performance of federal or federally assisted construction contracts; affirmative action to insure fair treatment in employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff/termination, rates of pay or other forms of compensation; and election for training and apprenticeship.
 - ii. EO 11514 (NEPA).
 - iii. EO 11738 (violating facilities).
 - iv. EO 11988 (Floodplain Management).
 - v. EO 11990 (Wetlands).
 - vi. EO 12898 (Environmental Justice).

- 5) For Grantees/Recipients other than individuals, the provisions of the DRUG-FREE WORKPLACE as required by the Drug-Free Workplace Act of 1988.

This assurance is given in consideration of and for the purpose of obtaining Federal grants, loans, reimbursements, advances, contracts, property, discounts and/or other Federal financial assistance extended to the Subgrantee/Subrecipient by FEMA. The Subgrantee/Subrecipient understands that such Federal Financial assistance will be extended in reliance on the representations and agreements made in this Assurance and that both the United States and the Grantee/Recipient have the joint and several right to seek judicial enforcement of this assurance. This assurance is binding on the Subgrantee/Subrecipient, its successors, transferees, and assignees

FOR THE SUBGRANTEE/SUBRECIPIENT:

Signature

Printed Name and Title

Date

**Certification Regarding
Debarment, Suspension, Ineligibility,
and
Voluntary Exclusion**

Subcontractor Covered Transactions:

The prospective subcontractor of the Subgrantee/Subrecipient certifies, by submission of this document, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

(Where the Subgrantee's/Subrecipient's subcontractor is unable to certify to the above statement, the prospective subcontractor must attach an explanation to this form.)

SUBCONTRACTOR:

Name of Company

Street Address

City, State, Zip

Federal Employer Identification Number (FEIN)

By: _____
Signature Date

Printed Name

Subgrantee's/Subrecipient's Name

Attachment "C"

DESIGNATION OF AUTHORITY (AGENTS) FEMA/GRANTEE PUBLIC ASSISTANCE PROGRAM FLORIDA DIVISION OF EMERGENCY MANAGEMENT	
Sub-Grantee: Clay County	
Box 1: Authorized Agent (Full Access)	Box 2: Primary Agent (Full Access)
Agent's Name Wayne Bolla	Agent's Name John Ward
Signature	Signature
Organization / Official Position Clay County Board of Commissioners, Chairman	Organization / Official Position Clay County Emergency Management Director
Mailing Address P.O. Box 1366	Mailing Address P.O. Box 1366
City, State, Zip Green Cove Springs, FL 32043	City, State, Zip Green Cove Springs, FL 32043
Daytime Telephone 904-284-6394	Daytime Telephone 904-541-2767
E-mail Address wayne.bolla@claycountygov.com	E-mail Address john.ward@claycountygov.com
Box 3: Alternate Agent (Full Access)	Box 4: Other-Finance/Point of Contact (Full Access)
Agent's Name Maria Haney	Official's Name Clayton Meng
Signature	Signature
Organization / Official Position Clay County Emergency Management Coordinator	Organization / Official Position Clay County Finance Director
Mailing Address P.O. Box 1366	Mailing Address P.O. Box 1366
City, State, Zip Green Cove Springs, FL 32043	City, State, Zip Green Cove Springs, FL 32043
Daytime Telephone 904-541-2770	Daytime Telephone 904-269-6332
E-mail Address maria.haney@claycountygov.com	E-mail Address clayton.meng@claycountygov.com
Box 5: Other-Risk Mgmt-Insurance (Full Access)	Box 6: Other-Environmental-Historical (Full Access)
Agent's Name James Taylor	Agent's Name Dale Smith
Signature	Signature
Organization / Official Position Clay County Risk Manager	Organization / Official Position Clay County Public Works Director
Mailing Address P.O. Box 1366	Mailing Address 5 Esplanade Avenue
City, State, Zip Green Cove Springs, FL 32043	City, State, Zip Green Cove Springs, FL 32043
Daytime Telephone 904-278-4718	Daytime Telephone 904-284-6335
E-mail Address james.taylor@claycountygov.com	E-mail Address dale.smith@claycountygov.com
The above Primary and Alternate Agents are hereby authorized to execute and file Application for Public Assistance on behalf of the Sub-grantee for the purpose of obtaining certain Grantee and federal financial assistance under the Robert T. Stafford Disaster Relief & Emergency Assistance Act, (Public Law 93-288 as amended) or otherwise available. These agents are authorized to represent and act for the Sub-Grantee in all dealings with the State of Florida, Grantee, for all matters pertaining to such disaster assistance previously signed and executed by the Grantee and Sub-grantee. Additional authorized contacts may be placed on page 2 of this document for full or read only access by the above authorized Agents.	
Sub-Grantee's Fiscal Year (FY) Start: Month: October Day: 1st	
Sub-Grantee's Federal Employer's Identification Number (EIN) 59 - 600553	
Sub-Grantee's Grantee Cognizant Agency for Single Audit Purposes: Florida Division of Emergency Management	
Sub-Grantee's: FIPS Number (If Known) - -	

PLEASE NOTE: The names on this form will effect contacts that have been placed on previous Grants. All Grants will be updated to the contacts on this form. Each quarter we will require this form to be updated along with the Quarterly Report in an effort to maintain efficient communication and keep up with staff turnover.

DESIGNATION OF AUTHORITY (AGENTS) FEMA/GRANTEE PUBLIC ASSISTANCE PROGRAM FLORIDA DIVISION OF EMERGENCY MANAGEMENT	
Sub-Grantee: Clay County	
Box 7: Other (Read Only Access)	Box 8: Other (Read Only Access)
Agent's Name ----	Agent's Name ----
Signature	Signature
Organization / Official Position	Organization / Official Position
Mailing Address	Mailing Address
City, State, Zip	City, State, Zip
Daytime Telephone	Daytime Telephone
E-mail Address	E-mail Address
Box 9: Other (Read Only Access)	Box 10: Other (Read Only Access)
Agent's Name ----	Official's Name ----
Signature	Signature
Organization / Official Position	Organization / Official Position
Mailing Address	Mailing Address
City, State, Zip	City, State, Zip
Daytime Telephone	Daytime Telephone
E-mail Address	E-mail Address
Box 11: Other (Read Only Access)	Box 12: Other (Read Only Access)
Agent's Name ----	Agent's Name ----
Signature	Signature
Organization / Official Position	Organization / Official Position
Mailing Address	Mailing Address
City, State, Zip	City, State, Zip
Daytime Telephone	Daytime Telephone
E-mail Address	E-mail Address
PLEASE NOTE: The names on this form will effect contacts that have been placed on previous Grants. All Grants will be updated to the contacts on this form. Each quarter we will require this form to be updated along with the Quarterly Report, in an effort to maintain efficient communication and keep up with staff turnover.	
Sub-Grantee Authorized Agent Signature: <div style="border: 1px solid black; height: 40px; width: 100%; margin-top: 5px;"></div>	

DHS OIG AUDIT ISSUES & ACKNOWLEDGEMENT

The Department of Homeland Security (DHS) Office of Inspector General (OIG) was tasked by Congress to audit all FEMA projects for fiscal year 2014. A synopsis of those findings are listed below:

There have been 32 separate instances where Grantees/Recipients or Subgrantees/Subrecipients did not follow the prescribed rules to the point that the OIG believed the below listed violations could have nullified the FEMA/State agreement.

1. Non Competitive contracting practices.
2. Failure to include required contract provisions.
3. Failure to employ the required procedures to ensure that small, minority, and women's owned firms were all given fair consideration.
4. Improper "cost-plus-a-percentage-of-cost" contracting practices.

The following information comes directly from DHS's OIG Audit Tips for Managing Disaster Related Project Costs; Report Number OIG-16-109-D dated July 1, 2016. The following may be reasons for the disallowance or total de-obligation of funding given under the FEMA/State agreement:

1. Use of improper contracting practices.
2. Unsupported costs.
3. Poor project accounting.
4. Duplication of benefits.
5. Excessive equipment charges (applicability may vary with hazard mitigation projects).
6. Excessive labor and fringe benefit charges.
7. Unrelated project costs.
8. Direct Administrative Costs.
9. Failure to meet the requirement to obtain and maintain insurance.

Key Points that *must* be followed when Administering FEMA Grants:

- Designate one person to coordinate the accumulation of records.
- Establish a separate and distinct account for recording revenue and expenditures, and a separate identifier for each specific FEMA project.
- Ensure that the final claim for each project is supported by amounts recorded in the accounting system.
- Ensure that each expenditure is recorded in the accounting books and references supporting sources of documentation (checks, invoices, etc.) that can be readily retrieved.
- Research insurance coverage and seek reimbursement for the maximum amount. Credit the appropriate FEMA project with that amount.
- Check with your Federal Grant Program Coordinator about availability of funding under other Federal programs (Federal Highways, Housing and Urban Development, etc.) and ensure that the final project claim does not include costs that another Federal agency funded or could have funded.
- Ensure that materials taken from existing inventories for use on FEMA projects are documented by inventory withdrawal and usage records.
- Ensure that expenditures claimed under the FEMA project are reasonable, necessary, directly benefit the project, and are authorized under the "Scope of Work."

I acknowledge that I have received a copy of, and have been briefed on, the above DHS OIG Audit Issues.

FOR _____ Subgrantee/Subrecipient	BY _____ Signature
_____ Date	_____ Printed Name and Title

Attachment "E"

JUSTIFICATION FOR ADVANCE PAYMENT

RECIPIENT:

If you are requesting an advance, indicate same by checking the box below.

☐ ADVANCE REQUESTED

Advance payment of \$ _____ is requested.
Balance of payments will be made on a reimbursement basis. These funds are needed to pay staff, award benefits to clients, duplicate forms and purchase start-up supplies and equipment. We would not be able to operate the program without this advance.

If you are requesting an advance, complete the following chart and line item justification below.

ESTIMATED EXPENSES

BUDGET CATEGORY/LINE ITEMS (list applicable line items)	20__-20__ Anticipated Expenditures for First Three Months of Contract
<u>For example</u> ADMINISTRATIVE COSTS (Include Secondary Administration.)	
<u>For example</u> PROGRAM EXPENSES	
TOTAL EXPENSES	

LINE ITEM JUSTIFICATION (For each line item, provide a detailed justification explaining the need for the cash advance. The justification must include supporting documentation that clearly shows the advance will be expended within the first ninety (90) days of the contract term. Support documentation should include quotes for purchases, delivery timelines, salary and expense projections, etc. to provide the Division reasonable and necessary support that the advance will be expended within the first ninety (90) days of the contract term. Any advance funds not expended within the first ninety (90) days of the contract term must be returned to the Division Cashier, 2555 Shumard Oak Boulevard, Tallahassee, Florida 32399, within thirty (30) days of receipt, along with any interest earned on the advance)



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Committee

DATE:

FROM: Purchasing

SUBJECT:

Approval of Derelict Vessel Removal Funding Agreement with the State of Florida Fish and Wildlife Conservation Commission on a cost reimbursement basis in an amount not to exceed \$37,575.00. Funding Sources: 103-3298A-549100 (FL Boating Imprv Grant Funds - Derelict Vessels - Oth Current Charges - \$37,575.00) & 103-3298-546100 (FL Boating Imprv Fund - FL Boating Imprv - Repairs & Maint - \$12,525.00)

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

Four vessels have been identified by the Clay County Sheriff's office Marine patrol as derelict and in need of removal. Currently two of the boat owners are working to take care of the vessels themselves. The grant requires that the County match 25% of the cost for removal, with the State reimbursing up to an amount not to exceed \$37,575.00.

Is Funding Required (Yes/No):

If Yes, Was the item budgeted (Yes/No/N/A):

Yes

Funding Sources: FL Boating Imprv Grant Funds - Derelict Vessels - Oth Current Charges and FL Boating Imprv Fund - FL Boating Imprv - Repairs & Maint (25% match)

Account # 103-3298A-549100 Amount - \$37,575.00 Grant Funds

Account # 103-3298-546100 Amount - \$12,525.00 Matching Funds

Sole Source (Yes/No):

No

Advanced Payment (Yes/No):

No

ATTACHMENTS:

Description

▯ [FWC derelict vessel funding](#)

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Administrative and Contractual Services	Thomas, Karen	Approved	12/28/2016 - 3:21 PM	
County Manager	Kopelousos, Stephanie	Approved	12/29/2016 - 11:54 AM	

RECEIVED

DEC 15 2016

AGREEMENT/CONTRACT REVIEW FORM

MEETING DATE

DO NOT PLACE ITEMS ON AN AGENDA UNTIL REVIEW IS COMPLETED

Clay County Attorney's Office

DATE:

12/13/16

Staff Member Preparing Form:

Karen Thomas

Department Submitting Contract:

Purchasing / Parks & Recreation

Vendor Name:

Florida Fish and Wildlife Conservation Commission

Contract Title:

Funding Agreement – Derelict Vessel Removal Project

SUMMARY (TO BE COMPLETED BY DEPARTMENT)

1. New Contract

☒

N

9. Contract Amount (*Detail negotiation efforts below) **\$37,575.00 (revenue)**

2. Renewal/Amend./Supplement

Y

☒

10. Last Year's Price (*If increase explain below)

3. Sole Source ** (explain below)

Y**

☒

11. Date of Original Contract

4. Quotes/bid policy met

Y

N

12. Number of Renewals

5. Need to waive bid policy

Y

☒

13. Length of Term - Effective through 5/31/17

6. Automatic renewal

n/a

N

7. Standard Addendum Executed

Y

N

Requested Action: Approval of Funding Agreement

8. Advance Payment Required

Y

☒

Funding Source

Account Number:

103-3298A546100

Revenue

FL Boating Improv

Account Name:

Repairs + Maint.

Background/Purpose: Funding to assist with the removal of 4 derelict vessels

Estimated cost of the project is \$50,100. Grant requires a 25% match which staff recommends the use of Florida Boater Improvement Funds in the estimated amount of \$12,525.00 = 103-3298A-546100

Approvals

Purchasing:

No Changes

With Changes

Review Date:

12/13/16

☒

Recommended Changes: _____

Budget:

No Changes

With Changes

Review Date:

12/14/16

* ☒

* Resolution to go to BCC w/ contract - completed

Finance:

No Changes

With Changes

Review Date:

12/15/16

☒

* Price Negotiation Efforts: _____

County Attorney:

No Changes

With Changes

Review Date:

12.27.16

☒

* Note on Scope of Work that 2B3+4 do not provide for disposal location
* Also, for any subcontract in connection with removal - many provisions of this Agreement must be incorporated into any subcontract (ie termination, compensation disclosure, Scope of Work etc.)

** Sole Source Explanation: _____

**STATE OF FLORIDA
FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION**

AGREEMENT No. 16179

CFDA Title(s): N/A	CFDA No(s): N/A
Name of Federal Agency(s): N/A	
Federal Award No(s): N/A	Federal Award Year(s): N/A
Federal Award Name(s): N/A	
CSFA Title(s): Derelict Vessel Removal Grant	CSFA No(s): 77005
State Award No(s): FWC-16179	State Award Year(s): 2016-2017
State Award Name(s): Clay County's Derelict Vessel Removal Project	

This Agreement is entered into by and between the Florida Fish and Wildlife Conservation Commission, whose address is 620 South Meridian Street, Tallahassee, Florida 32399-1600, hereafter "**Commission**," and the County of Clay, Florida, FEID # 59-6000553, whose address is 477 Houston Street, Green Cove Springs, Florida 32043, hereinafter "**Grantee**."

WHEREAS, the Commission and Grantee have partnered together to remove derelict vessels from the public waters of the state; and,

WHEREAS, Grantee has been awarded Bulk Derelict Vessel Removal Grant FWC-16179; and,

WHEREAS, such benefits are for the ultimate good of the State of Florida, its resources, wildlife, and public welfare.

NOW THEREFORE, the Commission and the Grantee, for the considerations hereafter set forth, agree as follows:

1. PROJECT DESCRIPTION.

The Grantee shall provide the services and perform the specific responsibilities and obligations, as set forth in the Scope of Work, attached hereto as Attachment A and made a part hereof (hereafter, Scope of Work). The Scope of Work specifically identifies project tasks and accompanying deliverables. These deliverables must be submitted and approved by the Commission prior to any payment. The Commission will not accept any deliverable that does not comply with the specified required minimum level of service to be performed and the criteria for evaluating the successful completion of each deliverable. If this agreement is the result of Grantee responses to the Commission's request for competitive or other grant proposals, the Grantee's response is hereby incorporated by reference.

2. PERFORMANCE.

The Grantee shall perform the activities described in the Scope of Work in a proper and satisfactory manner. Unless otherwise provided for in the Scope of Work, any and all equipment, products or materials necessary or appropriate to perform under this Agreement shall be supplied by the Grantee. Grantee shall obtain all necessary local, state, and federal authorizations necessary to complete this project, and the Grantee shall be licensed as necessary to perform under this Agreement as may be required by law, rule, or regulation; the Grantee shall provide evidence of such compliance to the Commission upon request. The Grantee shall procure all supplies and pay all charges, fees, taxes and incidentals that may be required for the completion of this Agreement. By acceptance of this Agreement, the Grantee warrants that it has the capability in all respects to fully perform the requirements and the integrity and reliability that will assure good-faith performance as a responsible Grantee. Grantee shall immediately notify the Commission's Grant Manager in writing if its ability to perform under the Agreement is compromised in any manner during the term of the Agreement. The Commission shall take appropriate action, including potential termination of this Agreement pursuant to Paragraph nine (9) below, in the event the Grantee's ability to perform under this Agreement becomes compromised.

3. AGREEMENT PERIOD.

A. Agreement Period and Commission's Limited Obligation to Pay. This Agreement is made pursuant to a grant award and shall be effective upon execution by the last Party to sign, and shall remain in effect through 05/31/2017. However, as authorized by Rule 68-1.003, F.A.C., referenced grant programs may execute Agreements with a retroactive start date of no more than sixty (60) days, provided that approval is granted from the Executive Director or his/her designee and that it is in the best interest of the Commission and State to do so. Agreements executed under this grant award shall not precede a start date of 09/12/2016. For this agreement, the retroactive start date was not approved. The Commission's Grant Manager shall confirm the specific start date of the Agreement by written notice to the Grantee. The Grantee shall not be eligible for reimbursement or compensation for grant activities performed prior to the start date of this Agreement nor after the end date of the Agreement. For this agreement, preaward costs are not eligible for reimbursement. If necessary, by mutual agreement as evidenced in writing and lawfully executed by the Parties, an Amendment to this Agreement may be executed to lengthen the Agreement period.

4. COMPENSATION AND PAYMENTS.

A. Compensation. As consideration for the services rendered by the Grantee under the terms of this Agreement, the Commission shall pay the Grantee on a cost reimbursement basis in an amount not to exceed \$37,575.00.

B. Payments. The Commission shall pay the Grantee for satisfactory performance of the tasks identified in Attachment A, Scope of Work, as evidenced by the completed deliverables, upon submission of invoices, accompanied by supporting documentation sufficient to justify invoiced expenses or fees, and after acceptance of services and deliverables in writing by the Commission's Grant Manager identified in Paragraph eleven (11), below. Unless otherwise specified in the Scope of Work, invoices shall be due monthly, commencing from the start date of this Agreement. Invoices must be legible and must clearly reflect the Deliverables that were provided in accordance with the terms of the Agreement for the invoice period. Unless otherwise specified in the Scope of Work, a final invoice shall be submitted to the Commission no later than forty-five (45) days following the expiration date of this Agreement to assure the availability of funds for payment. Further, pursuant to Section 215.971(1)(d), F.S., the Commission may only reimburse the Grantee for allowable costs resulting from obligations incurred during the agreement period specified in Paragraph three (3).

- C. Invoices.** Each invoice shall include the Commission Agreement Number and the Grantee's Federal Employer Identification (FEID) Number. Invoices, with supporting documentation, may be submitted electronically to the attention of the Commission's Grant Manager identified in Paragraph eleven (11) below. If submitting hard copies, an original and two (2) copies of the invoice, plus all supporting documentation, shall be submitted. All bills for amounts due under this Agreement shall be submitted in detail sufficient for a proper pre-audit and post-audit thereof. Grantee acknowledges that the Commission's Grant Manager shall reject invoices lacking documentation necessary to justify invoiced expenses.
- D. Match.** Pursuant to grant program guidelines, the Grantee is required to contribute non-federal match towards this Agreement. If applicable, details regarding specific match requirements are included in Attachment A, Scope of Work.
- E. Travel Expenses.** If authorized in Attachment A, Scope of Work, travel expenses shall be reimbursed in accordance with Section 112.061, F.S.
- F. State Obligation to Pay.** The State of Florida's performance and obligation to pay under this Agreement is contingent upon an annual appropriation and authorization to spend by the Legislature. The Parties hereto understand that this Agreement is not a commitment to future appropriations, but is subject to appropriation and authority to spend provided by the Legislature. The Commission shall be the final authority as to the availability of funds for this Agreement, and as to what constitutes an "annual appropriation" of funds to complete this Agreement. If such funds are not appropriated or available for the Agreement purpose, such event will not constitute a default on behalf of the Commission or the State. The Commission's Grant Manager shall notify the Grantee in writing at the earliest possible time if funds are not appropriated or available.
- G. Non-Competitive Procurement and Rate of Payment.** Section 216.3475, F.S., requires that under non-competitive procurements, a Grantee may not receive a rate of payment in excess of the competitive prevailing rate for those services unless expressly authorized in the General Appropriations Act. If applicable, Grantee warrants, by execution of this Agreement, that the amount of non-competitive compensation provided in this Agreement is in compliance with Section 216.3475, F.S.
- H. Time Limits for Payment of Invoices.** Payments shall be made in accordance with Sections 215.422 and 287.0585, F.S., which govern time limits for payment of invoices. Section 215.422, F.S. provides that agencies have five (5) working days to inspect and approve Deliverables, or the Scope of Work specifies otherwise. If payment is not available within forty (40) days, measured from the latter of the date the invoice is received or the Deliverables are received, inspected and approved, a separate interest penalty set by the Department of Financial Services pursuant to Section 55.03(1), F.S., will be due and payable in addition to the invoice amount. Invoices returned to a vendor due to preparation errors will result in a payment delay. Invoice payment requirements do not start until a properly completed invoice is provided to the agency.
- I. Electronic Funds Transfer.** Grantee agrees to enroll in Electronic Funds Transfer (EFT), offered by the State's Chief Financial Officer, within thirty (30) days of the date the last Party has signed this Agreement. Copies of the Authorization form and a sample blank enrollment letter can be found on the vendor instruction page at:

http://www.fldfs.com/aadir/direct_deposit_web/Vendors.htm

Questions should be directed to the State of Florida's EFT Section at (850) 413-5517. Once enrolled, invoice payments will be made by EFT.

- J. Vendor Ombudsman.** A Vendor Ombudsman, whose duties include acting as an advocate for vendors who may be experiencing problems in obtaining timely payment(s) from a State agency, may be contacted at (850) 413-5516 or by calling the Chief Financial Officer's Hotline, (800) 342-2762.

5. CERTIFICATIONS AND ASSURANCES.

Upon execution of this Agreement by the Grantee, the Grantee shall complete, sign and return to the Commission's Grant Manager a completed copy of the form entitled "Certifications and Assurances," attached hereto and incorporated as Attachment B. This includes both State and Federal requirements, each applicable to the extent this Agreement includes either State-only funding, Federal-only funding, or both.

6. RETURN OR RECOUPMENT OF FUNDS.

- A. Overpayment to Grantee.** Pursuant to Section 215.971(1)(e)&(f), F.S., the Grantee shall return to the Commission any overpayments due to unearned funds or funds disallowed pursuant to the terms of this Agreement that were disbursed to Grantee by the Commission. In the event that the Grantee or its independent auditor discovers that overpayment has been made, the Grantee shall repay said overpayment within forty (40) calendar days without prior notification from the Commission. In the event that the Commission first discovers an overpayment has been made, the Commission will notify the Grantee in writing. Should repayment not be made in a timely manner, the Commission shall be entitled to charge interest at the lawful rate of interest established pursuant to Section 55.03(1), F.S., on the outstanding balance beginning forty (40) calendar days after the date of notification or discovery. Refunds should be sent to the Commission's Grant Manager, and made payable to the "The Florida Fish and Wildlife Conservation Commission."
- B. Additional Costs or Monetary Loss Resulting from Grantee Non-Compliance.** If the Grantee's non-compliance with any provision of the Agreement results in additional cost or monetary loss to the Commission or the State of Florida, the Commission can recoup that cost or loss from monies owed to the Grantee under this Agreement or any other agreement between Grantee and the Commission. In the event that the discovery of this cost or loss arises when no monies are available under this Agreement or any other agreement between the Grantee and the Commission, the Grantee will repay such cost or loss in full to the Commission within thirty (30) days of the date of notice of the amount owed, unless the Commission agrees, in writing, to an alternative timeframe. If the Grantee is unable to repay any cost or loss to the Commission, the Commission shall notify the State of Florida, Department of Financial Services, for resolution pursuant to Section 17.0415, F.S.

7. COMMISSION EXEMPT FROM TAXES, PROPERTY EXEMPT FROM LIEN.

The Grantee recognizes that the State of Florida, by virtue of its sovereignty, is not required to pay any taxes on the services or goods purchased under the terms of this Agreement. Grantee is placed on notice that this exemption generally does not apply to other parties of this agreement, recipients, subrecipients, contractors, or subcontractors. Any questions regarding this tax exemption should be addressed to the Commission's Grant Manager.

- A.** If the Grant involves the improvement of real property titled to the State of Florida, then the following paragraph applies:

The Grantee acknowledges that Property being improved is titled to the State of Florida, and is not subject to lien of any kind for any reason. The Grantee shall include notice of such exemptions in any subcontracts and purchase orders issued hereunder.

8. MONITORING.

The Commission's Grant Manager shall actively monitor the Grantee's performance and compliance with the terms of this Agreement. The Commission reserves the right for any Commission staff to make scheduled or unscheduled, announced or unannounced monitoring visits. Specific State and Federal monitoring terms and conditions are found in Attachment C, Audit Requirements. Additionally, monitoring terms, conditions, and schedules may be included in Attachment A, Scope of Work.

9. TERMINATION.

- A. **Commission Unilateral Termination.** The Commission may unilaterally terminate this Agreement for convenience by providing the Grantee with thirty (30) calendar days of written notice of its intent to terminate. The Grantee shall not be entitled to recover any cancellation charges or lost profits.
- B. **Termination – Fraud or Willful Misconduct.** This Agreement shall terminate immediately in the event of fraud or willful misconduct. In the event of such termination, the Commission shall provide the Grantee with written notice of termination.
- C. **Termination – Other.** The Commission may terminate this Agreement if the Grantee fails to: 1.) comply with all terms and conditions of this Agreement; 2.) produce each deliverable within the time specified by the Agreement or extension; 3.) maintain adequate progress, thus endangering the performance of the Agreement; or, 4.) abide by any statutory, regulatory, or licensing requirement. Rule 60A-1.006(3), F.A.C., governs the procedure and consequences for default. The rights and remedies of the Commission in this clause are in addition to any other rights and remedies provided by law or under the Agreement. The Grantee shall not be entitled to recover any cancellation charges or lost profits.
- D. **Termination - Funds Unavailability.** In the event funds to finance this Agreement become unavailable or if federal or state funds upon which this Agreement is dependent are withdrawn or redirected, the Commission may terminate this Agreement upon no less than twenty-four (24) hours' notice in writing to the Grantee. Said notice shall be delivered by certified mail, return receipt requested or in person with proof of delivery. The Commission shall be the final authority as to the availability of funds and will not reallocate funds appropriated for this Agreement to another program thus causing "lack of funds." In the event of termination of this Agreement under this provision, the Grantee will be compensated for any work satisfactorily completed prior to notification of termination.
- E. **Grantee Discontinuation of Activities upon Termination Notice.** Upon receipt of notice of termination, the Grantee shall, unless the notice directs otherwise, immediately discontinue all activities authorized hereunder. Upon termination of this Agreement, the Grantee shall promptly render to the Commission all property belonging to the Commission. For the purposes of this section, property belonging to the Commission shall include, but shall not be limited to, all books and records kept on behalf of the Commission.

10. REMEDIES.

- A. **Financial Consequences.** In accordance with Sections 215.971(1)(a)&(b), F.S., Attachment A, Scope of Work, contains clearly established tasks in quantifiable units of deliverables that must be received and accepted in writing by the agency before payment. Each deliverable specifies the required minimum level of service to be performed and the criteria for evaluating the successful completion of each deliverable. If the Grantee fails to produce each deliverable within the time frame specified by the Scope of Work, the budget amount allocated for that deliverable may be deducted from the Grantee's payment. In addition, pursuant to Section 215.971(1)(c), the Commission shall apply any additional financial consequences, identified in the Scope of Work.

B. Cumulative Remedies. The rights and remedies of the Commission in this paragraph are in addition to any other rights and remedies provided by law or under the Agreement.

11. NOTICES AND CORRESPONDENCE.

Any and all notices shall be delivered to the individuals identified below. In the event that either Party designates a different Grant Manager after the execution of this Agreement, the Party will provide written notice of the name, address, zip code, telephone and fax numbers, and email address of the newest Grant Manager, or an individual authorized to receive notice on behalf of that Party, to all other Parties as soon as possible, but not later than five (5) business days after the new Grant Manager has been named. A designation of a new Grant Manager shall not require a formal amendment to the Agreement.

FOR THE COMMISSION:

Grant Manager
Phil Horning
Derelict Vessel Removal Grants Administrator
Fish and Wildlife Conservation Commission
620 S. Meridian Street Room 235I
Tallahassee, Florida 32399
(850) 617-9540 Direct
(850) 488-9284 Fax
Phil.Horning@MyFWC.com

FOR THE GRANTEE:

Grant Manager
Ms. James Householder
Clay County BOCC
477 Houston Street
Green Cove Springs, FL 32043
(904) 547-1522 Direct
(904) 284-9780 Fax
[Click here to enter Fax #](#)
James.Householder@ClayCountyGov.com

12. AMENDMENT.

- A. Waiver or Modification.** No waiver or modification of this Agreement or of any covenant, condition, or limitation herein contained shall be valid unless in writing and lawfully executed by the Parties.
- B. Change Orders.** The Commission may, at any time, by written order, make a change to this Agreement. Such changes are subject to the mutual agreement of both Parties as evidenced in writing. Any change which causes an increase or decrease in the Grantee's cost or time shall require an Amendment. Minor changes, such as those updating a Party's contact information, may be accomplished by a Modification.
- C. Renegotiation upon Change in Law or Regulation.** The Parties agree to renegotiate this Agreement if federal and/or state revisions of any applicable laws or regulations make changes in the Agreement necessary.

13. PROPERTY RIGHTS.

If this Agreement includes Federal funds, the provisions of Sections 200.310-200.316, OMB Uniform Guidance (2 CFR 200), and any language addressing Federal rights, apply.

A. Intellectual and Other Intangible Property

- i. Grantee's Preexisting Intellectual Property (Proprietary) Rights.** Unless specifically addressed in the Attachment A, Scope of Work, intellectual and other intangible property rights to the Grantee's preexisting property will remain with the Grantee. The Grantee shall indemnify and hold harmless the Commission, the Federal awarding agency, and its employees from any liability, including costs, expenses, and attorney's fees, for or on account of any copyrighted, patented, or un-patented invention, process or article manufactured or supplied by the Grantee.

- ii. **Proceeds Related to Intellectual Property Rights.** Proceeds derived from the sale, licensing, marketing or other authorization related to any intellectual and other intangible property right created or otherwise developed by the Grantee under this Agreement for the Commission shall be handled in the manner specified by the applicable Florida State Statute and/or Federal program requirements.
- iii. **Commission Intellectual Property Rights.** Where activities supported by this Agreement produce original writing, sound recordings, pictorial reproductions, drawings or other graphic representations and works of any similar nature, the Commission and the State of Florida have the unlimited, royalty-free, nonexclusive, irrevocable right to use, duplicate and disclose such materials in whole or in part, in any manner, for any purpose whatsoever and to have others acting on behalf of the Commission to do so. If this Agreement is supported by Federal funds, the Federal awarding agency reserves a royalty-free, nonexclusive and irrevocable right to reproduce, publish, or otherwise use the work for federal purposes, and to authorize others to do so.

B. Purchase or Improvement of Real Property

This agreement is not for the purchase or improvement of real property, therefore, the following terms and conditions do not apply.

- i. **Federal Funds.** Any Federal funds provided for the purchase of or improvements to real property are subject to the Property Standards of Sections 200.310 - 200.316, and 200.329, OMB Uniform Guidance (2 CFR 200), as amended.
- ii. **Title.** If this agreement is supported by state funds, the Grantee shall comply with Section 287.05805, F.S. This section requires the Grantee to grant a security interest in the property to the State of Florida, the type and details of which are provided for in Attachment A, Scope of Work. Title to state-owned real property remains vested in the state. Title to federally-owned real property remains vested in the Federal government in accordance with the provisions of Section 200.312, OMB Uniform Guidance (2 CFR 200), as amended.
- iii. **Use.** Federally-owned real property will be used for the originally authorized purpose as long as need for that purpose in accordance with Section 200.311, OMB Uniform Guidance (2 CFR 200). State-owned real property will be used as provided in Attachment A, Scope of Work.

C. Non-Expendable Property.

- i. **Non-Expendable Property Defined.** For the requirements of this section of the Agreement, "non-expendable property" is the same as "property" as defined in Section 273.02, F.S. (equipment, fixtures, and other tangible personal property of a non-consumable and non-expendable nature, with a value or cost of **\$1,000.00** or more, and a normal expected life of one year or more; hardback-covered bound books that are circulated to students or the general public, with a value or cost of **\$25.00** or more; and uncirculated hardback-covered bound books, with a value or cost of **\$250.00** or more).
- ii. **Title to Non-Expendable Property.** Title (ownership) to all non-expendable property acquired with funds from this Agreement shall be vested in the Commission and said property shall be transferred to the Commission upon completion or termination of the

Agreement unless otherwise authorized in writing by the Commission or unless otherwise specifically provided for in Attachment A, Scope of Work.

D. Equipment and Supplies.

- i. **Title - Equipment.** Title to equipment acquired under a Federal award will vest upon acquisition in the non-Federal entity in accordance with Sections 200.313 and 200.314, OMB Uniform Guidance (2 CFR 200).
- ii. **Title – Supplies.** Title to supplies will vest in the non-Federal entity upon acquisition. Unused supplies exceeding **\$5,000.00** in total aggregate value upon termination or completion of the project or program are subject to Section 200.314, OMB Uniform Guidance.
- iii. **Use – Equipment.** Equipment must be used by the non-Federal entity in the program or project for which it was acquired as long as needed.

14. RELATIONSHIP OF THE PARTIES.

- A. Independent Grantee.** The Grantee shall perform as an independent Grantee and not as an agent, representative, or employee of the Commission. The Grantee covenants that it presently has no interest and shall not acquire any interest that would conflict in any manner or degree with the performance of services required. Each Party hereto covenants that there is no conflict of interest or any other prohibited relationship between the Grantee and the Commission.
- B. Grantee Training and Qualifications.** Grantee agrees that all Grantee employees, subcontractors, or agents performing work under the Agreement shall be properly trained technicians who meet or exceed any specified training qualifications. Upon request, Grantee shall furnish a copy of technical certification or other proof of qualification.
- C. Commission Security.** All employees, subcontractors, or agents performing work under the Agreement must comply with all security and administrative requirements of the Commission. The Commission may conduct, and the Grantee shall cooperate in, a security background check or otherwise assess any employee, subcontractor, or agent furnished by the Grantee. The Commission may refuse access to, or require replacement of, any personnel for cause, including, but not limited to, technical or training qualifications, quality of work, change in security status, or non-compliance with the Commission's security or other requirements. Such refusal shall not relieve Grantee of its obligation to perform all work in compliance with the Agreement. The Commission may reject and bar from any facility for cause any of Grantee's employees, subcontractors, or agents.
- D. Commission Rights to Assign or Transfer.** The Grantee agrees that the State of Florida shall at all times be entitled to assign or transfer its rights, duties, or obligations under this Agreement to another governmental agency in the State of Florida, upon giving prior written notice to the Grantee.
- E. Commission Rights to Undertake and Award Supplemental Agreements.** Grantee agrees that the Commission may undertake or award supplemental agreements for work related to the Agreement. The Grantee and its subcontractors shall cooperate with such other Grantees and the Commission in all such cases.

15. SUBCONTRACTS.

- A. Authority.** Grantee is permitted to subcontract work under this Agreement, therefore, the following terms and conditions apply. Grantee shall ensure, and provide assurances to the Commission upon request, that any subcontractor selected for work under this Agreement has the necessary qualifications and abilities to perform in accordance with the terms and conditions of this Agreement. The Grantee must provide the Commission with the names of any subcontractor considered for work under this Agreement; the Commission reserves the right to reject any subcontractor. The Grantee agrees to be responsible for all work performed and all expenses incurred with the project. Any subcontract arrangements must be evidenced by a written document available to the Commission upon request. The Grantee further agrees that the Commission shall not be liable to any subcontractor for any expenses or liabilities incurred under the subcontract and the Grantee shall be solely liable to the subcontractor for all expenses and liabilities incurred under the subcontract. The Grantee, at its expense, will defend the Grantor against such claims. The following provisions apply, in addition to any terms and conditions included in Attachment A, Scope of Work.
- B. Grantee Payments to Subcontractor.** If subcontracting is permitted pursuant to Paragraph A, above, the Grantee agrees to make payments to the subcontractor within seven (7) working days after receipt of full or partial payments from the Commission in accordance with Section 287.0585, F.S., unless otherwise stated in the agreement between the Grantee and subcontractor. Grantee's failure to pay its subcontractors within seven (7) working days will result in a penalty charged against the Grantee and paid to the subcontractor in the amount of one-half of one percent (0.50%) of the amount due per day from the expiration of the period allowed herein for payment. Such penalty shall be in addition to actual payments owed and shall not exceed fifteen percent (15%) of the outstanding balance due.
- C. Commission Right to Reject Subcontractor Employees.** The Commission shall retain the right to reject any of the Grantee's or subcontractor's employees whose qualifications or performance, in the Commission's judgment, are insufficient.
- D. Subcontractor as Independent Contractor.** If subcontracting is permitted pursuant to Paragraph A above, the Grantee agrees to take such actions as may be necessary to ensure that each subcontractor will be deemed to be an independent contractor and will not be considered or permitted to be an agent, servant, joint venturer, or partner of the State of Florida.

16. MANDATORY DISCLOSURE.

These disclosures are required by State law, as indicated, and apply when this Agreement includes State funding; and by Federal law, as indicated, and apply when the Agreement includes a Federal award.

- A. Disclosure of Interested State Employees and Conflict of Interest.** This Agreement is subject to Chapter 112, F.S. Grantee shall provide the name of any officer, director, employee, or other agent who is also an employee of the State of Florida. Grantee shall also disclose the name of any State employee who owns, directly or indirectly, an interest of five percent (5%) or more in the Grantee or its affiliates. If the Agreement includes a Federal award, then the Agreement is also subject to Section 200.112, OMB Uniform Guidance (2 CFR 200). Grantee must disclose, in writing, any potential conflict of interest to the Commission in accordance with applicable Federal awarding agency policy.
- B. Convicted Vendors.** Grantee shall have a continuing obligation to disclose, to the Commission, in writing, if it, its principals, recipient, subrecipient, contractor, or subcontractor, are on the convicted vendors list maintained by the Florida Department of Management Services pursuant to Section 287.133(3)(d), F.S.

- i. **Convicted Vendor List.** Pursuant to Subsection 287.133(2)(a), F.S., a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not be awarded or perform work as a Grantee, supplier, subcontractor or consultant under a contract with any public entity and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, F.S., for Category Two for a period of thirty-six (36) months from the date of being placed on the convicted vendor list. The State of Florida, Department of Management Services, Division of State Purchasing provides listings for convicted, suspended, discriminatory and federal excluded parties, as well as the vendor complaint list at:

http://www.dms.myflorida.com/business_operations/state_purchasing/vendor_information/convicted_suspended_discriminatory_complaints_vendor_lists

- ii. **Notice of Conviction of Public Entity Crime.** Any person must notify the Department of Management Services and the Commission, in writing, within thirty (30) days after conviction of a public entity crime applicable to that person or an affiliate of that person as defined in Section 287.133, F.S.

C. Vendors on Scrutinized Companies List.

- i. **Scrutinized Companies.** If this Agreement is in the amount of **\$1 million dollars or more**, in executing this Agreement, the Grantee shall have an ongoing obligation to disclose to the Commission if it, its subrecipient, contractor, or subcontractor, is listed on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473, F.S., or is engaged in business operations in Cuba or Syria. Section 287.135, F.S.
- ii. **False Certification – Termination.** Pursuant to Subsection 287.135(3)(b), F.S., the Commission may immediately terminate this Agreement for cause if the Grantee is found to have submitted a false certification or if, during the term of the Agreement, the Grantee is placed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engages in business operations in Cuba or Syria.
- iii. **False Certification – Termination Notice.** If the Commission determines that the Grantee has submitted a false certification, the Commission will provide written notice to the Grantee. Unless the Grantee demonstrates in writing, within ninety (90) days of receipt of the notice, that the Commission's determination of false certification was made in error, the Commission shall bring a civil action against the Grantee. If the Commission's determination is upheld, a civil penalty equal to the greater of **\$2,000,000.00** or twice the amount of this Agreement shall be imposed on the Grantee, and the Grantee will be ineligible to bid on any agreement with an agency or local governmental entity for three (3) years after the date of the Commission's determination of false certification by the Grantee.
- iv. **Cessation of Federal Authority.** In the event that federal law ceases to authorize the states to adopt and enforce the contracting prohibition identified in this paragraph, this provision shall be null and void to the extent no longer authorized.

- D. **Discriminatory Vendors.** Grantee shall disclose to the Commission, in writing, if they, their subrecipient, contractor, or subcontractor, are on the Discriminatory Vendor List maintained by the Florida Department of Management Services pursuant to Section 287.134(3)(d), F.S. "An entity or

affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity.” Section 287.134(2)(a), F.S.

- E. Prompt Disclosure of Litigation, Investigations, Arbitration, or Administrative Proceedings.** Throughout the term of the Agreement, the Grantee has a continuing duty to promptly disclose to the Commission’s Agreement Manager, in writing, upon occurrence, all civil or criminal litigation, investigations, arbitration, or administrative proceedings (Proceedings) relating to or affecting the Grantee’s ability to perform under this agreement. If the existence of such Proceeding causes the Commission concern that the Grantee’s ability or willingness to perform the Agreement is jeopardized, the Grantee may be required to provide the Commission with reasonable assurances to demonstrate that:
 - a.) the Grantee will be able to perform the Agreement in accordance with its terms and conditions; and,
 - b.) Grantee and/or its employees, agents or subcontractor(s) have not and will not engage in conduct in performing services for the Commission which is similar in nature to the conduct alleged in such Proceeding.
- F. Certain Violations of Federal Criminal Law.** If this agreement includes a Federal award, then in accordance with Section 200.113, OMB Uniform Guidance (2 CFR 200), Grantee must disclose, in a timely manner, in writing to the Commission all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the Federal award.

17. INSURANCE.

- A. Reasonably Associated Insurance.** During the term of the Agreement, the Grantee, at its sole expense, shall maintain insurance coverage of such types and with such terms and limits as may be reasonably associated with the Agreement. Providing and maintaining adequate insurance coverage is a material obligation of the Grantee, and failure to maintain such coverage may void the Agreement. The limits of coverage under each policy maintained by the Grantee shall not be interpreted as limiting the Grantee’s liability and obligations under the Agreement. All insurance policies shall be through insurers licensed and authorized to write policies in Florida.
- B. Workers Compensation.** To the extent required by Chapter 440, F.S., the Grantee will either be self-insured for Worker’s Compensation claims, or will secure and maintain during the life of this Agreement, Workers’ Compensation Insurance for all of its employees connected with the work of this project, with minimum employers’ liability limits of **\$100,000.00** per accident, **\$100,000.00** per person, and **\$500,000.00** policy aggregate. Such policy shall cover all employees engaged in any contract work. If any work is subcontracted, the Grantee shall require the subcontractor similarly to provide Workers’ Compensation Insurance for all of the latter’s employees unless such employees are covered by the protection afforded by the Grantee. Such self-insurance program or insurance coverage shall comply fully with the Florida Workers’ Compensation law (Chapter 440, F.S.). In case any class of employees engaged in hazardous work under this Agreement is not protected under Workers’ Compensation statutes, the Grantee shall provide, and cause each subcontractor to provide, adequate insurance satisfactory to the Grantee, for the protection of its employees not otherwise protected. Employers who have employees who are engaged in work in Florida must use Florida rates, rules, and classifications for those employees.
- C. General Liability Insurance.** By execution of this Agreement, unless the Grantee is a state agency or subdivision as defined by Section 768.28(2), F.S., or unless otherwise provided for in the Scope of Work, the Grantee shall provide reasonable and adequate commercial general liability insurance coverage and

hold such liability insurance at all times during the Agreement. A self-insurance program established and operating under the laws of the State of Florida may provide such coverage.

- D. Insurance Required for Performance.** During the Agreement term, the Grantee shall maintain any other types and forms of insurance required for the performance of this Agreement as required in Attachment A, Scope of Work.
- E. Written Verification of Insurance.** Upon execution of this Agreement, the Grantee shall provide the Commission written verification of the existence and amount for each type of applicable insurance coverage. Within thirty (30) days of the effective date of the Agreement, the Grantee shall furnish the Commission's Grant Manager proof of applicable insurance coverage by standard Association for Cooperative Operations Research and Development (ACORD) form certificates of insurance. In the event that any applicable coverage is cancelled by the insurer for any reason, the Grantee shall immediately notify the Commission's Grant Manager in writing of such cancellation and shall obtain adequate replacement coverage conforming to the requirements herein and provide proof of such replacement coverage within fifteen (15) business days after the cancellation of coverage.
- F. Commission Not Responsible for Insurance Deductible.** The Commission shall be exempt from, and in no way liable for, any sums of money representing a deductible in any insurance policy. The payment of such deductible shall be the sole responsibility of the Grantee providing such insurance.

18. SPONSORSHIP.

As required by Section 286.25, F.S., if the Grantee is a nongovernmental organization which sponsors a program financed wholly or in part by state funds, including any funds obtained through this Agreement, it shall, in publicizing, advertising, or describing the sponsorship of the program, state: "Sponsored by (Grantee's name) and the State of Florida, Fish and Wildlife Conservation Commission." If the sponsorship reference is in written material, the words "State of Florida, Fish and Wildlife Conservation Commission" shall appear in the same size letters or type as the name of the Grantee's organization. Additional sponsorship requirements may be specified in Attachment A, Scope of Work.

19. PUBLIC RECORDS.

- A.** This Agreement may be unilaterally canceled by the Commission for refusal by the Grantee to allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, F.S., and made or received by the Grantee in conjunction with this Agreement, unless exemption for such records is allowable under Florida law.
- B.** If the Contractor meets the definition of "Contractor" in Section 119.0701(1)(a) F.S., the Contractor shall comply with the following:
 - i. IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF THE CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT: 850-488-6553, RecordsCustodian@myfwc.com, and 620 South Meridian Street, Tallahassee FL 32399**
 - ii.** Keep and maintain public records required by the Commission to perform the service.

- iii. Upon request from the Commission's custodian of public records, provide the Commission with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, F.S. or as otherwise provided by law.
- iv. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the Contractor does not transfer the records to the Commission.
- v. Upon completion of the contract transfer, at no cost, to the Commission all public records in possession of the Contractor or keep and maintain public records required by the Commission to perform the service. If the Contractor transfers all public records to the Commission upon completion of the contract, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the Commission, upon request from the Commission's custodian of public records, in a format that is compatible with the information technology systems of the Commission.
- vi. Requests for Records; NONCOMPLIANCE – A request to inspect or copy public records relating to Commission's contract for services must be made directly to the Commission. If the Commission does not possess the requested records, the Commission shall immediately notify the Contractor of the request, and the Contractor must provide the records to the Commission or allow the records to be inspected or copied within a reasonable time. If a Contractor does not comply with the Commission's request for records, the Commission shall enforce the contract provisions in accordance with the contract. A Contractor who fails to provide the public records to the Commission within a reasonable time may be subject to penalties under s. 119.10.
- vii. Civil Action – If a civil action is filed against the Contractor to compel production of public records relating to the Commission's contract for services, the court shall assess and award against the Contractor and the reasonable costs of enforcement including reasonable attorney fees, if:
 - a. The court determines that the Contractor unlawfully refused to comply with the public records request within a reasonable time; and
 - b. At least 8 business days before filing the action, the plaintiff provided written notice of the public records request, including a statement that the Contractor has not complied with the request, to the Commission and to the Contractor. A notice complies if it is sent to the Commission's custodian of public records and to the Contractor at the Contractor's address listed on its contract with the Commission's or the Contractor's registered agent. Such notices must be sent by common carrier delivery service or by registered, Global Express Guaranteed, or certified mail, with postage or shipping paid by the sender and with evidence of delivery, which may be in an electronic format. A Contractor who complies with a public records request within 8 business days after the notice is sent is not liable for the reasonable costs of enforcement.

20. SECURITY AND CONFIDENTIALITY.

The Grantee shall maintain the security of any information created under this Agreement that is identified or defined as "confidential" in Attachment A, Scope of Work. The Grantee shall not divulge to third Parties any confidential information obtained by the Grantee or its agents, distributors, resellers, subcontractors, officers or employees in the course of performing Agreement work. To ensure confidentiality, the Grantee

shall take appropriate steps regarding its personnel, agents, and subcontractors. The warranties of this paragraph shall survive the Agreement.

21. COOPERATION WITH INSPECTOR GENERAL.

Pursuant to subsection 20.055(5), F.S., Contractor, and any subcontractor to the Contractor, understand and will comply with their duty to cooperate with the Inspector General in any investigation, audit, inspection, review, or hearing. Upon request of the Inspector General or any other authorized State official, the Contractor shall provide any type of information the Inspector General deems relevant to the Contractor's integrity or responsibility. Such information may include, but shall not be limited to, the Contractor's business or financial records, documents, or files of any type or form that refer to or relate to the Contract. The Contractor shall retain such records for three (3) years after the expiration of the Contract, or the period required by the General Records Schedules maintained by the Florida Department of State (available at: <http://dos.myflorida.com/library-archives/records-management/general-records-schedules/>), whichever is longer. The Contractor agrees to reimburse the State for the reasonable costs of investigation incurred by the Inspector General or other authorized State official for investigations of the Contractor's compliance with the terms of this or any other agreement between the Contractor and the State which results in the suspension or debarment of the Contractor. Such costs shall include, but shall not be limited to: salaries of investigators, including overtime; travel and lodging expenses; and expert witness and documentary fees.

22. RECORD KEEPING REQUIREMENTS.

- A. Grantee Responsibilities.** The Grantee shall maintain accurate books, records, documents and other evidence that sufficiently and properly reflect all direct and indirect costs of any nature expended in the performance of this Agreement, in accordance with generally accepted accounting principles.
- B. State Access to Grantee Books, Documents, Papers, and Records.** The Grantee shall allow the Commission, the Chief Financial Officer of the State of Florida, the Auditor General of the State of Florida, the Florida Office of Program Policy Analysis and Government Accountability or authorized representatives of the state or federal government to have access to any of the Grantee's books, documents, papers, and records, including electronic storage media, as they may relate to this Agreement, for the purposes of conducting audits or examinations or making excerpts or transcriptions.
- C. Grantee Records Retention.** Unless otherwise specified in the Scope of Work, these records shall be maintained for five (5) years following the close of this Contract. Contractor shall cooperate with the Commission to facilitate the duplication and transfer of such records upon the Commission's request.
- D. Grantee Responsibility to Include Records Requirements – Subcontractors.** In the event any work is subcontracted under this Agreement, the Grantee shall include the aforementioned audit and record keeping requirements in all subsequent contracts.
- E. Compliance with Federal Funding Accountability and Transparency.** Any federal funds awarded under this Agreement must comply with the Federal Funding Accountability and Transparency Act (FFATA) of 2006. The intent of the FFATA is to empower every American with the ability to hold the government accountable for each spending decision. The result is to reduce wasteful spending in the government. The FFATA legislation requires that information on federal awards (federal financial assistance and expenditures) be made available to the public via a single, searchable website: www.USASpending.gov. Grant recipients awarded a new Federal grant greater than or equal to \$25,000.00 awarded on or after October 1, 2010 are subject to the FFATA. The Grantee agrees to provide the information necessary, over the life of this Agreement, for the Commission to comply with this requirement.

23. **FEDERAL AND FLORIDA SINGLE AUDIT ACT REQUIREMENTS.**

Pursuant to the FSAA (or Federal) Vendor / Recipient Determination Checklist, the Grantee has been determined to be a recipient of state financial assistance and/or a subrecipient of a federal award. Therefore, pursuant to Section 215.97, F.S. and/or OMB Uniform Guidance (2 CFR 200), the Grantee may be subject to the audit requirements of the Florida and/or Federal Single Audit Acts. If applicable, the Grantee shall comply with the audit requirements outlined in Attachment C, "Requirements of the Federal and Florida Single Audit Acts," attached hereto and made a part of the Agreement, as applicable.

24. **FEDERAL COMPLIANCE.**

As applicable, Contractor shall comply with all federal laws, rules, and regulations, including but not limited to:

- i. **Clean Air Act and Water Pollution Control Act.** All applicable standards, orders, or requirements issued under the Clean Air Act (42 U.S.C. 7401-7671q), and the Water Pollution Control Act (33 U.S.C. 1251-1387, as amended).
- ii. **Lacey Act, 16 U.S.C 3371-3378.** This Act prohibits trade in wildlife, fish and plants have been illegally taken, possessed, transported or sold.
- iii. **Magnuson-Stevens Fishery Conservation and Management Act, 16 U.S.C. 1801-1884.** This Act governs marine fisheries in Federal waters.
- iv. **Migratory Bird Treaty Act, 16 U.S.C. 703-712.** The Act prohibits anyone, unless permitted, to pursue, hunt, take, capture, kill, attempt to take, capture or kill, possess, offer for sale, sell, offer to purchase, deliver for shipment, ship, cause to be shipped, deliver for transportation, transport, cause to be transported, carry or cause to be carried by any means whatsoever, receive for shipment, transport of carriage, or export, at any time, or in any manner, any migratory bird, or any part, nest, or egg of such bird.
- v. **Endangered Species Act, 16 U.S.C. 1531, et seq.** The Act provides a program for the conservation of threatened and endangered plants and animals and the habitat in which they are found. The Act also prohibits any action that cause a "taking" of any listed species of endangered fish or wildlife. Also generally prohibited are the import, export, interstate, and foreign commerce of listed species.

25. **FEDERAL FUNDS. No Federal Funds are applied to this Contract, therefore, the following terms and conditions do not apply.**

- A. **Prior Approval to Expend Federal Funds to Federal Agency or Employee.** It is understood and agreed that the Contractor is not authorized to expend any federal funds under this Contract to a federal agency or employee without the prior written approval of the awarding federal agency.
- B. **Equal Employment Opportunity.** Executive Order 11246 of September 24, 1965, entitled "Equal Employment Opportunity," as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR Chapter 60). Applicable, except as otherwise provide under 41 CFR Part 60, to any grant, contract, loan, insurance, or guarantee involving Federal assisted construction.
- C. **Davis-Bacon Act.** The Davis-Bacon Act, 40 U.S.C. 3141-3148, as supplemented by Department of Labor regulations at 29 CFR Part 5. Applicable to contractors and subcontractors performing on federally funded or assisted contracts in excess of \$2,000.00 for the construction, alteration, or repair (including painting and decorating) of public buildings or public works. Under this Act, contractors and subcontractors must pay their laborers and mechanics employed under the contract no less than

the locally prevailing wages and fringe benefits for corresponding work on similar projects in the area.

- D. **Copeland "Anti-Kickback Act.** The Copeland "Anti-Kickback" Act, 40 U.S.C. 3141-3148, and 3146-3148, as supplemented by Department of Labor regulations (29 CFR Part 5). Applicable to contracts awarded by a non-Federal entity in excess of **\$100,000.00** that involve employment of mechanics or labors. Under this Act, contractors and subrecipients are prohibited from inducing, by any mean, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled.
- E. **Contract Work Hours and Safety Standards Act** Sections 103 and 107 of the Agreement Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR part 5). Applicable to construction contracts awarded by Contractors and subcontractors in excess of **\$2,000.00**, and in excess of **\$2,500.00** for other contracts which involve the employment of mechanics or laborers. Under this Act, contractors and subcontractors must compute wages of mechanics and laborers (workers) on the basis of a standard forty (40) hour work week; provide workers no less than time and a half for hours worked in excess of the forty (40) hour work week; and not require workers to work in surroundings or work conditions that are unsanitary, hazardous, or dangerous.
- F. **Rights to Inventions Made Under a Contract or Agreement.** 37 CFR 401. If the Federal award meets the definition of "funding agreement" under 37 CFR 401.2(a) and the recipient or Subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under the "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.
- G. **Energy Efficiency.** Mandatory standards and policies relating to energy efficiency which are contained in the State energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).
- H. **Debarment and Suspension Contractor Federal Certification.** In accordance with Federal Executive Order 12549, Debarment and Suspension, the Contractor shall agree and certify that neither it, nor its principals, is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency; and, that the Contractor shall not knowingly enter into any lower tier contract, or other covered transaction, with a person who is similarly debarred or suspended from participating in this covered transaction.
- I. **Prohibition against Lobbying.**
 - i. **Contractor Certification – Payments to Influence.** The Contractor certifies that no Federal appropriated funds have been paid or will be paid, on or after December 22, 1989, by or on behalf of the Contractor, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress, in connection with the awarding, renewal, amending or modifying of any Federal contract, grant, or cooperative agreement. If any non-federal funds are used for lobbying activities as described above in connection with this Contract, the Contractor shall submit Standard Form-LLL, "Disclosure Form to Report Lobbying", and shall file quarterly updates of any material changes. The Contractor

shall require the language of this certification to be included in all subcontracts, and all subcontractors shall certify and disclose accordingly.

- ii. **Contractor – Refrain from Subcontracting with Certain Organizations.** Pursuant to the Lobbying Disclosure Act of 1995, the Contractor agrees to refrain from entering into any subcontracts under this Contract with any organization described in Section 501(c)(4) of the Internal Revenue Code of 1986, unless such organization warrants that it does not, and will not, engage in lobbying activities prohibited by the Act as a special condition of the subcontract.

- J. **Compliance with Office of Management and Budget Circulars.** As applicable, Contractor shall comply with the following Office of Management and Budget (OMB) Uniform Guidance (2 CFR 200).

26. AGREEMENT-RELATED PROCUREMENT.

- A. **PRIDE.** In accordance with Section 946.515(6), F.S., if a product or service required for the performance of this Agreement is certified by or is available from Prison Rehabilitative Industries and Diversified Enterprises, Inc. (PRIDE) and has been approved in accordance with Subsection 946.515(2), F.S., the following statement applies:

It is expressly understood and agreed that any articles which are the subject of, or required to carry out, under this contract shall be purchased from [PRIDE] in the same manner and under the same procedures set forth in subsections 946.515(2) and (4), F.S.; and for purposes of this contract the person, firm or other business entity carrying out the provisions of this contract shall be deemed to be substituted for this agency insofar as dealings with such corporation are concerned.

The above clause is not applicable to subcontractors unless otherwise required by law. Additional information about PRIDE and the products it offers is available at <http://www.pride-enterprises.org>.

- B. **Respect of Florida.** In accordance with Subsection 413.036(3), F.S., if a product or service required for the performance of this Agreement is on the procurement list established pursuant to Subsection 413.035(2), F.S., the following statement applies:

It is expressly understood and agreed that any articles that are the subject of, or required to carry out, under this contract shall be purchased from a nonprofit agency for the blind or for the severely handicapped that is qualified pursuant to Chapter 413, F.S., in the same manner and under the same procedures set forth in Subsections 413.036(1) and (2), F.S.; and for purposes of this agreement, the person, firm or other business entity carrying out the provisions of this contract shall be deemed to be substituted for the state agency insofar as dealings with such qualified nonprofit agency are concerned.

Additional information about the designated nonprofit agency and the products it offers is available at <http://www.respectofflorida.org>.

- C. **Procurement of Recycled Products or Materials.** The Grantee agrees to procure any recycled products or materials which are the subject of or are required to carry out this Agreement in accordance with Section 403.7065, F.S.

27. **PROFESSIONAL SERVICES.**

- A. **Architectural, Engineering, Landscape Architectural, or Survey and Mapping.** If this Agreement is for the acquisition of professional architectural, engineering, landscape architectural, or registered surveying and mapping services, and is therefore subject to Section 287.055, F.S., the following provision applies:

The architect (or registered surveyor and mapper or professional engineer, as applicable) warrants that he or she has not employed or retained any company or person, other than a bona fide employee working solely for the architect (or registered surveyor and mapper, or professional engineer, as applicable) to solicit or secure this contract and that he or she has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the architect (or registered surveyor and mapper or professional engineer, as applicable) any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this contract.

- B. **Termination for Breach.** For the breach or violation of this provision, the Commission shall have the right to terminate the Agreement without liability and, at its discretion, to deduct from the Agreement price, or otherwise recover, the full amount of such fee, commission, percentage, gift, or consideration.

28. **INDEMNIFICATION.**

If the Grantee is a state agency or subdivision, as defined in Subsection 768.28(2), F.S., pursuant to Subsection 768.28(19), F.S., neither Party indemnifies nor insures the other Party for the other Party's negligence. If the Grantee is not a state agency or subdivision as defined above, the Grantee shall be fully liable for the actions of its agents, employees, partners, or subcontractors and shall fully indemnify, defend, and hold harmless the State and the Commission, and their officers, agents, and employees, from suits, actions, damages, and costs of every name and description, including attorneys' fees, arising from or relating to personal injury and damage to real or personal tangible property alleged to be caused in whole or in part by the Grantee, its agents, employees, partners, or subcontractors, provided, however, that the Grantee shall not indemnify for that portion of any loss or damages proximately caused by the negligent act or omission of the State or the Commission.

29. **NON-DISCRIMINATION.**

- A. **Non-Discrimination in Performance.** No person, on the grounds of race, creed, color, national origin, age, sex, or disability, shall be excluded from participation in, be denied the proceeds or benefits of, or be otherwise subjected to discrimination in performance of this Agreement.
- B. **Discriminatory Vendor List.** In accordance with Section 287.134, F.S., an entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with

any public entity; and may not transact business with any public entity. The Grantee has a continuing duty to disclose to the Commission whether they appear on the discriminatory vendor list.

30. SEVERABILITY, CHOICE OF LAW, AND CHOICE OF VENUE.

This Agreement has been delivered in the State of Florida and shall be construed in accordance with the laws of Florida. Wherever possible, each provision of this Agreement shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision of this Agreement shall be prohibited or invalid under applicable law, such provision shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provision or the remaining provisions of this Agreement. Any action in connection herewith, in law or equity, shall be brought in Leon County, Florida, to the exclusion of all other lawful venues.

31. NO THIRD PARTY RIGHTS.

The Parties hereto do not intend nor shall this Agreement be construed to grant any rights, privileges or interest to any person not a Party to this Agreement.

32. JURY TRIAL WAIVER.

As part of the consideration for this Agreement, the Parties hereby waive trial by jury in any action or proceeding brought by any Party against any other Party pertaining to any matter whatsoever arising out of or in any way connected with this Agreement, or with the products or services provided under this Agreement, including but not limited to any claim by the Grantee of *quantum meruit*.

33. PROHIBITION OF UNAUTHORIZED ALIENS.

In accordance with federal Executive Order 96-236, the Commission shall consider the employment by the Grantee of unauthorized aliens a violation of Section 274A(e) of the Immigration and Nationalization Act. Such violation shall be cause for unilateral cancellation of this Agreement if the Grantee knowingly employs unauthorized aliens.

34. EMPLOYMENT ELIGIBILITY VERIFICATION (E-VERIFY).

A. Requirement to Use E-Verify. Executive Order 11-116, signed May 27, 2011, by the Governor of Florida, requires Commission contracts in excess of nominal value to expressly require the Grantee to: 1.) utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Grantee during the contract term; and, 2.) include in all subcontracts under this Agreement, the requirement that subcontractors performing work or providing services pursuant to this contract utilize the E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the term of the subcontract.

B. E-Verify Online. E-Verify is an Internet-based system that allows an employer, using information reported on an employee's Form I-9, Employment Eligibility Verification, to determine the eligibility of all new employees hired to work in the United States after the effective date of the required Memorandum of Understanding (MOU); the responsibilities and elections of federal contractors, however, may vary, as stated in Article II.D.1.c. of the MOU. There is no charge to employers to use E-Verify. The Department of Homeland Security's E-Verify system can be found online at http://www.dhs.gov/files/programs/gc_1185221678150.shtm

- C. **Enrollment in E-Verify.** If the Grantee does not have an E-Verify MOU in effect, the Grantee must enroll in the E-Verify system prior to hiring any new employee after the effective date of this Agreement.
- D. **E-Verify Recordkeeping.** The Grantee further agrees to maintain records of its participation and compliance with the provisions of the E-Verify program, including participation by its subcontractors as provided above, and to make such records available to the Commission or other authorized state entity consistent with the terms of the Grantee's enrollment in the program. This includes maintaining a copy of proof of the Grantee's and subcontractors' enrollment in the E-Verify Program (which can be accessed from the "Edit Company Profile" link on the left navigation menu of the E-Verify employer's homepage).
- E. **Employment Eligibility Verification.** Compliance with the terms of the Employment Eligibility Verification provision is made an express condition of this Agreement and the Commission may treat a failure to comply as a material breach of the Agreement.

35. **FORCE MAJEURE AND NOTICE OF DELAY FROM FORCE MAJEURE.**

Neither Party shall be liable to the other for any delay or failure to perform under this Agreement if such delay or failure is neither the fault nor the negligence of the Party or its employees or agents and the delay is due directly to acts of God, wars, acts of public enemies, strikes, fires, floods, or other similar cause wholly beyond the Party's control, or for any of the foregoing that affects subcontractors or suppliers if no alternate source of supply is available. However, in the event of delay from the foregoing causes, the Party shall take all reasonable measures to mitigate any and all resulting delay or disruption in the Party's performance obligation under this Agreement. If the delay is excusable under this paragraph, the delay will not result in any additional charge or cost under the Agreement to either Party. In the case of any delay the Grantee believes is excusable under this paragraph, Grantee shall notify the Commission's Grant Manager in writing of the delay or potential delay and describe the cause of the delay either: (1) within ten (10) calendar days after the cause that creates or will create the delay first arose, if the Grantee could reasonably foresee that a delay could occur as a result; or (2) within five (5) calendar days after the date Grantee first had reason to believe that a delay could result, if the delay is not reasonably foreseeable. **THE FOREGOING SHALL CONSTITUTE GRANTEE'S SOLE REMEDY OR EXCUSE WITH RESPECT TO DELAY.** Providing notice in strict accordance with this paragraph is a condition precedent to such remedy. The Commission, in its sole discretion, will determine if the delay is excusable under this paragraph and will notify the Grantee of its decision in writing. No claim for damages, other than for an extension of time, shall be asserted against the Commission. The Grantee shall not be entitled to an increase in the Agreement price or payment of any kind from the Commission for direct, indirect, consequential, impact, or other costs, expenses or damages, including but not limited to costs of acceleration or inefficiency arising because of delay, disruption, interference, or hindrance from any cause whatsoever. If performance is suspended or delayed, in whole or in part, due to any of the causes described in this paragraph, after the causes have ceased to exist, the Grantee shall perform at no increased cost, unless the Commission determines, in its sole discretion, that the delay will significantly impair the value of the Agreement to the Commission or the State, in which case, the Commission may do any or all of the following: (1) accept allocated performance or deliveries from the Grantee, provided that the Grantee grants preferential treatment to the Commission with respect to products or services subjected to allocation; (2) purchase from other sources (without recourse to and by the Grantee for the related costs and expenses) to replace all or part of the products or services that are the subject of the delay, which purchases may be deducted from the Agreement quantity; or (3) terminate the Agreement in whole or in part.

36. TIME IS OF THE ESSENCE.

Time is of the essence regarding the performance obligations set forth in this Agreement. Any additional deadlines for performance for the Grantee's obligation to timely provide deliverables under this Agreement including but not limited to timely submittal of reports, are contained in Attachment A, Scope of Work.

37. ENTIRE AGREEMENT.

This Agreement with all incorporated attachments and exhibits represents the entire Agreement of the Parties. Any alterations, variations, changes, modifications or waivers of provisions of this Agreement shall only be valid when they have been reduced to writing, and duly signed by each of the Parties hereto, unless otherwise provided herein. In the event of conflict, the following order of precedence shall prevail; this Agreement and its attachments, the terms of the solicitation and the Grantee's response to the solicitation.

REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed through their duly authorized signatories on the day and year last written below.

COUNTY OF CLAY, FLORIDA

**FLORIDA FISH AND WILDLIFE
CONSERVATION COMMISSION**

SIGNATURE

Name: _____

Title: _____

Date: _____

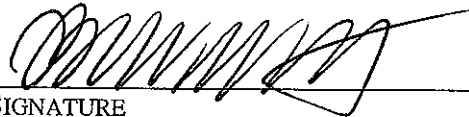
SIGNATURE

Name: _____

Title: _____

Date: _____

Approved as to form and legality by FWC Attorney:



SIGNATURE

Attachments in this Agreement include the following:

Attachment	A	Scope of Work
Attachment	B	Certifications and Assurances
Attachment	C	Requirements of the Federal and Florida Single Audit Acts
Attachment	D	Copy of Sample Invoice Form
Attachment	E	Derelict Vessel Removal Best Management Practices
Attachment	F	Monthly Progress Report
Attachment	G	Certificate of Completion
Attachment	H	Cost Reimbursement Contract Payment Requirements

Attachment A – SCOPE OF WORK

Project Name:	Clay County Derelict Vessel Removal	FWC Contract No.	FWC- 16179
----------------------	-------------------------------------	-------------------------	------------

1. Introduction

- A. Purpose:** The purpose of this project is to remove four derelict vessels from the public waters of the state within the jurisdiction of Clay County, Florida.
- B. Project Benefits:** The removal of these derelict vessels will improve boating safety by removing a hazard to navigation. This project will also help to restore sensitive marine resources and improve water quality.

2. PROJECT DESCRIPTION

A. Deliverable (s):

1. The Grantee shall remove and dispose of the 4 derelict vessels identified in the Tasks below.
 2. The Grantee shall provide to the Commission a Final Disposition Report. This report shall contain the list of all derelict vessels removed, the disposition of each derelict vessel, and photographs that document the condition of each vessel prior to removal, the removal process for each vessel, and the final disposition of each vessel.
- B. Tasks:** the Grantee shall provide all labor, equipment, and materials to remove each derelict vessel listed below from the public waters of Clay County and properly dispose of the vessels in the designated disposal location:

1. CLYSO-2016-027763
Description: 21' White sailboat, FL4726MK
Location: 29° 59.706 (N) / 081° 40.533 (W)
Disposal: Landfill
2. CLYSO-2016-027781
Description: 32' White Sailboat, DO558647
Location: 29° 59.15802 (N) 081° 40.30998 (W)
Disposal: Landfill
3. CLYSO-2016-027786
Description: 85' White Steel Cabin Cruiser Yacht
Location: 29° 59.265 (N) 081° 40.13898 (W)
4. CLYSO-2016-027796
Description: 21' White/Blue Sailboat, FL1988LE
Location: 29° 59.667 (N) 081° 40.20102 (W)

Attachment A – SCOPE OF WORK

Project Name:	Clay County Derelict Vessel Removal	FWC Contract No.	FWC- 16179
----------------------	-------------------------------------	-------------------------	------------

Failure of Grantee to have all receipts and evidence of project performance delivered to the Commission on or before May 31, 2017, before close of business may jeopardize payment of funds to the Grantee per the agreement.

3. PERFORMANCE

- A. Acceptance of Agreement:** The Grantee will accept the agreement and have it signed and returned to the Commission within 30 days of receipt. Failure to have the agreement returned within the specified time will render the agreement null and void. In some cases, the Commission will allow a modified return time with prior notice and approval from the Commission's Contract Manager.
- B. Commencement of Work:** The Grantee shall commence work on the overall project as soon as notified by the Commission of the agreement execution. Failure by the Grantee to execute the work within 60 days of agreement execution shall result in the agreement being null and void, unless prior approval for a delay is granted by the Commission's Contract Manager.
- C. Procurement:** The Grantee shall procure goods and services through a competitive solicitation process in accordance with Chapter 287, Florida Statutes. The Grantee has already included in the application the quote provided by the contractor chosen for the task and the Commission will not pay to the Grantee any more than 75 percent of the quoted price for each task or 75 percent of the actual cost if less than the quoted price. The Grantee will insure that the selected contractor has adequate insurance and is qualified to do the work. A copy of the state's Derelict Vessel Removal Best Management Practices, attached as Exhibit E, will provide guidance as to whether or not the selected contractor is qualified to do the work.
- D. Closeout:** Final receipts with required evidence of completion will be received by the Commissions Contract Manager no later than May 31, 2017.

4. COMPENSATION AND PAYMENT

- A. Compensation:** For satisfactory completion of the tasks described in this Scope of Work, by the Grantee under the terms of this Agreement, the Commission shall pay the Grantee on a cost reimbursement basis in an amount not to exceed \$37,575.00. The Grantee shall be reimbursed only for budgeted expenses that are directly related to the removal and disposal of vessels within the project.
- B. Cost Share:** The Grantee agrees to provide 25% of the total cost of the project as indicated in the Commission Derelict Vessel Removal Grant Guidelines. The total compensation by the Commission shall be \$37,575.00 or 75% of the total cost for the project whichever is less.
- C. Salvage Value:** The Grantee shall be entitled to the salvage value of any grant-designated derelict vessel or any part(s) or accessories thereof, not used in the construction of a permitted artificial reef site, excluding the hull. All such salvage activities not essential to the physical removal of a derelict vessel shall be accomplished after the vessel has been removed from public waters. The salvage value of each vessel shall be deducted by the Grantee when determining the reimbursement request for the removal and disposal costs for each derelict

Attachment A – SCOPE OF WORK

Project Name:	Clay County Derelict Vessel Removal	FWC Contract No.	FWC- 16179
----------------------	-------------------------------------	-------------------------	------------

vessel. Vessel hulls must be destroyed and not salvaged in whole. All salvaged materials from such vessels must be removed from the vessels before being sold for salvage. By law, such salvage values must offset the cost of removal to be allowed.

- D. Forms and Documentation:** The Grantee shall be reimbursed on a cost reimbursement basis in accordance with Cost Reimbursement Contract Payment Requirements, attached hereto and made a part hereof as Attachment H.

The request for reimbursement shall include an invoice in a format similar to Attachment D, Sample Invoice Form, which shall include the FWC Agreement Number, the Grantee's Federal Employer Identification (FEID) Number, and the dates of service. The invoice shall be accompanied by Attachment G: Certificate of Completion, photographs to document project completion, an itemized list of all project expenditures, and copies of invoices and cancelled checks or check numbers to document payment for all project expenditures.

5. MONITORING

- A. Compliance Monitoring and Corrective Actions:** The Commission will monitor the Grantee's service delivery to determine if the Grantee has achieved the required level of performance. If the Commission in its sole discretion determines that the Grantee failed to meet any of the terms or conditions of this Agreement, the Grantee will be sent a formal written notice. The Grantee shall correct all identified deficiencies within forty-five (45) days of notice. Failure to achieve 100% compliance with all of the terms and conditions of this Agreement or failure to correct the deficiencies identified in a notice identifying deficiencies within the time frame specified may result in delays in payment or termination of this Agreement in accordance with the terms of the Agreement.
- B. Site Inspections:** The Commission may inspect the Project site prior to and, if applicable, during the removal of project vessels. The Grantee shall notify the Commission's Contract Manager when the Project has reached substantial completion so that inspection may occur in a timeframe allowing for the timely submission and processing of the final invoice. The Commission's Contract Manager, or designee, shall inspect the work accomplished on the project and, if deemed complete and in compliance with the terms of the Agreement, approve the request for payment. All derelict vessel removal sites will be inspected by a Commission officer to verify the complete removal of the vessel as described in the Agreement.
- C. Project Progress Reports:** The Grantee shall submit to the Commission, on a monthly basis, project progress reports outlining the progress of the project, and identifying any problems that may have arisen and actions taken to correct such problems. Such reports shall be submitted on the Project Monthly Progress Report Form attached hereto and made a part hereof as Attachment F. Reports are due to the Commission's Contract Manager by the 15th of the month immediately following the reporting period until the Certificate of Completion is submitted.
- D. Best Management Practices:** The Grantee shall ensure that the contractor chosen to complete the tasks as indicated in this Scope of Work are both able and instructed to follow state Derelict Vessel Removal Best Management Practices (BMPs), (Attachment E). Failure to follow these BMPs may subject both the contractor and the Grantee to State or Federal fines and penalties if it is shown that these practices were not followed.

Attachment A – SCOPE OF WORK

Project Name:	Clay County Derelict Vessel Removal	FWC Contract No.	FWC- 16179
----------------------	-------------------------------------	-------------------------	------------

E. Certificate of Completion: Upon completion of the Project, the Contract Manager for the Grantee shall sign a Certificate of Completion form, Attachment G, attached hereto and made a part hereof, that certifies the project was completed in accordance with this Scope of Work and the Agreement.

6. INTELLECTUAL PROPERTY RIGHTS

No additional requirements. Refer to Section 13 of the Agreement.

7. SUBCONTRACTS

No additional requirements. Refer to Section 15 of the Agreement.

8. INSURANCE

No additional requirements. Refer to Section 17 of the Agreement.

9. SECURITY AND CONFIDENTIALITY

No additional requirements. Refer to Section 20 of the Agreement.

10. RECORD KEEPING REQUIREMENTS

No additional requirements. Refer to Section 22 of the Agreement.

11. NON-EXPENDABLE PROPERTY

No additional requirements. Refer to Section 13 of the Agreement.

12. PURCHASE OR IMPROVEMENT OF REAL PROPERTY

No additional requirements. Refer to Section 13 of the Agreement.

Attachment B
CERTIFICATIONS AND ASSURANCES

The Commission will not enter this Agreement unless Grantee completes, signs and returns to the Commission, the CERTIFICATIONS AND ASSURANCES contained in this Attachment. In performance of this Agreement, Grantee, through its duly authorized representative, certifies that it has read and provides the certifications and assurances below; and acknowledges it has an ongoing obligation to give written notice to the Commission, within a reasonable time, following any change in status regarding these certifications and assurances.

Part I: State Certifications and Assurances.
If this Agreement is supported by State funding,
then the following Certifications and Assurances apply.

- A. Interested State Employees, Chapter 112, F.S.** Grantee certifies to the best of its knowledge, that none of its officers, directors, employees or other agents is also an employee of the State of Florida who owns, directly or indirectly, an interest of five percent (5%) or more in the Grantee or its affiliates.
- B. Conflict of Interest, Section 200.112, OMB Uniform Guidance (2 CFR 200).** If this Agreement includes a Federal award, Grantee certifies that neither it, its principals, or agents, have a conflict of interest with either the Commission or the Federal awarding agency.
- C. Convicted Vendors, Section 287.133, F.S.** Grantee certifies that it, its principals, recipients, subrecipients, contractors, and subcontractors, are not on the Convicted Vendors List as maintained by the Department of Management Services, pursuant to Section 287.133(3)(d), F.S.
- D. Scrutinized Companies List, Sections 287.135 and 215.473, F.S.** If this Agreement is in the amount of **\$1 million or more**, Grantee certifies that to the best of its knowledge, it, its principals, recipients, subrecipients, contractors, and subcontractors are not:
 - a. On the Scrutinized Companies with Activities in Sudan List;
 - b. On the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; or
 - c. Engaged with business operations in Cuba or Syria.
- E. Discriminatory Vendors, Section 287.134, F.S.** Grantee certifies that it, its principals, recipients, subrecipients, contractors and subcontractors are not on the Discriminatory Vendors List maintained by the Florida Department of Management Services pursuant to Section 287.134(3)(d), F.S.
- F. Litigation, Investigations, Arbitration, or Administrative Proceedings.** Grantee certifies that it, its principals and agents, are not engaged in any civil or criminal litigation investigations, arbitration, or administrative proceedings relating to or affecting the Grantee's ability to perform under this Agreement.

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK

Part II: Federal Certifications and Assurances.
If this Agreement is supported by Federal funding,
then the following Certifications and Assurances apply.

- A. Equal Employment Opportunity.** Grantee certifies that to the best of its knowledge, it, its principals, agents, recipients, subrecipients, contractors and subcontractors, are in compliance with the Equal Employment Opportunity requirements contained in Executive Order 11246 of September 24, 1965, entitled "Equal Employment Opportunity," as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR Chapter 60).
- B. Davis-Bacon Act.** Grantee certifies that to the best of its knowledge, it, its principals, agents, recipients, subrecipients, contractors and subcontractors, are in compliance with the Davis-Bacon Act 40 U.S.C. 3141-3148, as supplemented by Department of Labor regulations at 29 CFR Part 5.
- C. Copeland "Anti-Kickback Act."** Grantee certifies that to the best of its knowledge, it, its principals, agents, recipients, subrecipients, contractors and subcontractors, are in compliance with the Copeland "Anti-Kickback" Act, 40 U.S.C. 3141-3148, and 3146-3148, as supplemented by Department of Labor regulations (29 CFR Part 5).
- D. Contract Work Hours and Safety Standards Act.** Grantee certifies that to the best of its knowledge, it, its principals, agents, recipients, subrecipients, contractors and subcontractors, are in compliance with the Contract Work House and Safety Standards Act, Sections 103 and 107 of the Agreement Work Hours and Safety Standards Act (40 U.S.C. 3702 and 3704) as supplemented by Department of Labor regulations (29 CFR part 5).
- E. Rights to Inventions Made Under a Contract or Agreement.** Grantee assures that it, its principals, agents, recipients, subrecipients, contractors and subcontractors, will comply with the requirements of the "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements", 37 CFR Part 401.
- F. Clean Air Act and Water Pollution Control Act.** Grantee assures that it, its principals, agents, recipients, subrecipients, contractors and subcontractors, will comply with the requirements of the Clean Air Act, 42 U.S.C. 7401-7671q, and the Water Pollution Control Act, 33 U.S.C. 1251-1387, as amended.
- G. Energy Efficiency.** Grantee assures that it, its principals, agents, recipients, subrecipients, contractors and subcontractors, will comply with the requirements of the mandatory standards and policies relating to energy efficiency which are contained in the State energy conservation plan issued in compliance with the Energy Policy and Conservation Act, Pub. L. 94-163, 89 Stat. 871.
- H. Drug-Free Workplace.** Grantee assures that it, its principals, agents, recipients, subrecipients, contractors and subcontractors, will comply with the requirements of the Drug-Free Workplace Act of 1988, and its implementing regulations codified at 29 CFR Part 94.
 - a. Pursuant to the Drug-Free Workplace Act of 1988, the undersigned attests and certifies that the Grantee (if not an individual) will provide a drug-free workplace by the following actions:
 - 1. Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in Grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition.

2. Establishing an ongoing drug-free awareness program to inform employees concerning:
 - i. The dangers of drug abuse in the workplace.
 - ii. The policy of maintaining a drug-free workplace.
 - iii. Any available drug counseling, rehabilitation and employee assistance programs.
 - iv. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.
 3. Making it a requirement that each employee to be engaged in the performance of the Agreement be given a copy of the statement required by paragraph Part II, H.a.1 of this certification.
 4. Notifying the employee in the statement required by paragraph Part II, H.a.1 of this certification that, as a condition of employment under the Agreement, the employee will:
 - i. Abide by the terms of the statement.
 - ii. Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five (5) calendar days after such conviction.
 5. Notifying the Commission in writing ten (10) calendar days after receiving notice under subparagraph Part II, H.a.4.b from an employee or otherwise receiving actual notice of such conviction. Provide such notice of convicted employees, including position title, to every Grant Manager on whose Grant activity the convicted employee was working. The notice shall include the identification number(s) of each affected Contract or Grant.
 6. Taking one of the following actions, within thirty (30) calendar days of receiving notice under subparagraph Part II, H.a.4.b. herein, with respect to any employee who is so convicted:
 - i. Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973 as amended.
 - ii. Requiring such employee to participate satisfactorily in drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State or local, health, law enforcement, or other appropriate agency.
 7. Making a good faith effort to continue to maintain a drug-free workplace through implementation of this entire certification.
- b. If the Grantee is an individual, the Grantee certifies that:
1. As a condition of the grant, Grantee will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant; and,
 2. If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, Grantee will report the conviction, in writing, within 10 calendar days of the conviction, to the Commission. When notice is made to such a central point, it shall include the identification number(s) of each affected grant.

- I. Trafficking Victims Protection Act of 2000.** Grantee assures that it, its principals, agents, recipients, subrecipients, contractors and subcontractors, will comply with the requirements of the Trafficking Victims Protection Act of 2000, as amended, 22 U.S. C. 7104(g), 2 CFR 175.15.

- J. Debarment and Suspension.** In accordance with Federal Executive Order 12549, Debarment and Suspension, the Grantee certifies that neither it, nor its principals, or agents, is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency; and, that the Grantee shall not knowingly enter into any lower tier agreement, or other covered transaction, with a person who is similarly debarred or suspended from participating in this covered transaction.
- K. Prohibition against Lobbying.** If Grantee is unable to certify to any of the statements in this certification, Grantee shall attach an explanation to this Agreement.
- a. **Grantee Certification – Payments to Influence.** The Grantee certifies that no Federal appropriated funds have been paid or will be paid, on or after December 22, 1989, by or on behalf of the Grantee, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress, in connection with the awarding, renewal, amending or modifying of any Federal agreement, grant, or cooperative agreement. If any non-federal funds are used for lobbying activities as described above in connection with this Agreement, the Grantee shall submit Standard Form-LLL, "Disclosure Form to Report Lobbying", and shall file quarterly updates of any material changes. The Grantee shall require the language of this certification to be included in all subcontracts, and all subcontractors shall certify and disclose accordingly.
- b. **Grantee – Refrain from Subcontracting with Certain Organizations.** Pursuant to the Lobbying Disclosure Act of 1995, the Grantee agrees to refrain from entering into any subcontracts under this Agreement with any organization described in Section 501(c)(4) of the Internal Revenue Code of 1986, unless such organization warrants that it does not, and will not, engage in lobbying activities prohibited by the Act as a special condition of the subcontract.
- L. Lacey Act; Magnuson-Stevens Fishery Conservation and Management Act; Migratory Bird Treaty Act; and Endangered Species Act.** Grantee certifies that to the best of its knowledge, it, its principals, agents, recipients, subrecipients, contractors and subcontractors, are in compliance with, and gives its assurance that said parties will continue to remain in compliance with the Lacey Act, 16 U.S.C. 3371-3378; Magnuson-Stevens Fishery Conservation and Management Act, 16 U.S.C. 1801-1884; Migratory Bird Treaty Act, 16 U.S.C. 703-712; and Endangered Species Act, 16 U.S.C. 1531, et seq.

By signing below, Grantee certifies the representations outlined above are true and correct.

(Signature and Title of Authorized Representative)

Grantee

Date

(Street)

(City, State, ZIP Code)

Attachment C AUDIT REQUIREMENTS

The administration of resources awarded by the Florida Fish and Wildlife Conservation Commission (Commission) to the Grantee may be subject to audits and/or monitoring by the Commission as described in Part II of this attachment regarding State funded activities. If this Agreement includes a Federal award, then Grantee will also be subject to the Federal provisions cited in Part I. If this Agreement includes both State and Federal funds, then all provisions apply.

MONITORING

In addition to reviews of audits conducted in accordance with Sections 200.500-200.521, Uniform Guidance: Cost Principles, Audit, and Administrative Requirements for Federal Awards (2 CFR 200), as revised, hereinafter "OMB Uniform Guidance" and Section 215.97, F.S., as revised (see "AUDITS" below), the Commission may conduct or arrange for monitoring of activities of the Contractor. Such monitoring procedures may include, but not be limited to, on-site visits by the Commission staff or contracted consultants, limited scope audits as defined by Section 200.331, OMB Uniform Guidance and/or other procedures. By entering into this Contract, the Grantee agrees to comply and cooperate with any monitoring procedures/processes deemed appropriate by the Commission. The Grantee further agrees to comply and cooperate with any inspections, reviews, investigations, or audits deemed necessary by the Florida Department of Financial Services or the Florida Auditor General.

AUDITS

PART I: FEDERALLY FUNDED. If this Agreement includes a Federal award, then the following provisions apply:

- A. This part is applicable if the Grantee is a State or local government or a non-profit organization as defined in Sections 200.90, 200.64, or 200.70, respectively, OMB Uniform Guidance.
- B. In the event that the Grantee expends **\$500,000.00 (\$750,000.00** for fiscal years beginning on or after December 26, 2014) or more in Federal awards in its fiscal year, the Grantee must have a single or program-specific audit conducted in accordance with the provisions of the Federal Single Audit Act of 1996 and Sections 200.500-200.521, OMB Uniform Guidance. EXHIBIT 1 to this Attachment indicates Federal resources awarded through the Commission by this Agreement. In determining the Federal awards expended in its fiscal year, the Grantee shall consider all sources of Federal awards, including Federal resources received from the Commission. The determination of amounts of Federal awards expended should be in accordance with the guidelines established by Sections 200.500-200.521, OMB Uniform Guidance. An audit of the Grantee conducted by the Auditor General in the OMB Uniform Guidance, will meet the requirements of this part.
- C. In connection with the audit requirements addressed in Part I, paragraph A. herein, the Grantee shall fulfill the requirements relative to auditee responsibilities as provided in Section 200.508, OMB Uniform Guidance. This includes, but is not limited to, preparation of financial statements, a schedule of expenditure of Federal awards, a summary schedule of prior audit findings, and a corrective action plan.
- D. If the Grantee expends less than **\$500,000.00 (\$750,000.00** for fiscal years beginning on or after December 26, 2014) in Federal awards in its fiscal year, an audit conducted in accordance with the provisions of Sections 200.500-200.521, OMB Uniform Guidance, is not required. In the event that the Grantee expends less than **\$500,000.00 (\$750,000.00** for fiscal years beginning on or after

December 26, 2014) in Federal awards in its fiscal year and elects to have an audit conducted in accordance with the provisions of Sections 200.500-200.521, OMB Uniform Guidance, the cost of the audit must be paid from non-Federal resources (i.e., the cost of such an audit must be paid from Grantee resources obtained from other than Federal entities).

- E. Such audits shall cover the entire Grantee's organization for the organization's fiscal year. Compliance findings related to contracts with the Commission shall be based on the contract requirements, including any rules, regulations, or statutes referenced in the Contract. The financial statements shall disclose whether or not the matching requirement was met for each applicable contract. All questioned costs and liabilities due to the Commission shall be fully disclosed in the audit report with reference to the Commission contract involved. Additionally, the results from the Commission's annual financial monitoring reports must be included in the audit procedures and the Sections 200.500-200.521, OMB Uniform Guidance audit reports.
- F. If not otherwise disclosed as required by Section 200.510, OMB Uniform Guidance, the schedule of expenditures of Federal awards shall identify expenditures by contract number for each contract with the Commission in effect during the audit period.
- G. If the Grantee expends less than **\$500,000.00** in Federal awards in its fiscal year, an audit conducted in accordance with the provisions of Sections 200.500-200.521, OMB Uniform Guidance, is not required. In the event that the Grantee expends less than **\$500,000.00** in Federal awards in its fiscal year and elects to have an audit conducted in accordance with the provisions of Sections 200.500-200.521, OMB Uniform Guidance, the cost of the audit must be paid from non-Federal resources (i.e., the cost of such an audit must be paid from the Grantee's resources obtained from other-than Federal entities).
- H. A web site that provides links to several Federal Single Audit Act resources can be found at: <http://harvester.census.gov/sac/sainfo.html>

PART II: STATE FUNDED. If this Agreement includes State funding, then the following provisions apply:

This part is applicable if the Grantee is a non-state entity as defined by Section 215.97, F.S., (the Florida Single Audit Act).

- A. In the event that the Grantee expends a total amount of state financial assistance equal to or in excess of **\$500,000.00** in any fiscal year of such Grantee, the Grantee must have a State single or project-specific audit for such fiscal year in accordance with Section 215.97, F.S.; applicable rules of the Executive Office of the Governor and the Department of Financial Services; and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General. EXHIBIT 1 to this Attachment indicates state financial assistance awarded through the Commission by this Contract. In determining the state financial assistance expended in its fiscal year, the Grantee shall consider all sources of state financial assistance, including state financial assistance received from the Commission, other state agencies, and other non-state entities. State financial assistance does not include Federal direct or pass-through awards and resources received by a non-state entity for Federal program matching requirements.
- B. In connection with the audit requirements addressed in Part II, paragraph A herein, the Grantee shall ensure that the audit complies with the requirements of Section 215.97(7), F.S. This includes submission of a financial reporting package as defined by Section 215.97(2)(d), F.S., and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General.

- C. If the Grantee expends less than **\$500,000.00** in state financial assistance in its fiscal year, an audit conducted in accordance with the provisions of section 215.97, F.S., is not required. In the event that the Grantee expends less than **\$500,000.00** in state financial assistance in its fiscal year and elects to have an audit conducted in accordance with the provisions of section 215.97, F.S., the cost of the audit must be paid from the non-state entity's resources (*i.e.*, the cost of such an audit must be paid from the Grantee's resources obtained from other-than State entities).
- D. Additional information regarding the Florida Single Audit Act can be found at:
<https://apps.fldfs.com/fsaa/>.
- E. Grantee shall provide a copy of any audit conducted pursuant to the above requirements directly to the following address:

**Chief Financial Officer
Florida Fish and Wildlife Conservation Commission
Bryant Building
620 S. Meridian St.
Tallahassee, FL 32399-1600**

PART III: REPORT SUBMISSION

- A. Copies of reporting packages, to include any management letter issued by the auditor, for audits conducted in accordance with Sections 200.500-200.521, OMB Uniform Guidance, and required by Part I of this Attachment shall be submitted by or on behalf of the Grantee directly to each of the following at the address indicated:
 - 1. The Commission at the following address:

**Chief Financial Officer
Florida Fish and Wildlife Conservation Commission
Bryant Building
620 S. Meridian St.
Tallahassee, FL 32399-1600**
 - 2. The Federal Audit Clearinghouse designated in Section 200.512, OMB Uniform Guidance (the reporting package required by Section 200.512, OMB Uniform Guidance, should be submitted to the Federal Audit Clearinghouse):

**Federal Audit Clearinghouse
Bureau of the Census
1201 East 10th Street
Jeffersonville, IN 47132**
 - 3. Other Federal agencies and pass-through entities in accordance with Section 200.512, OMB Uniform Guidance.
- B. Copies of audit reports for audits conducted in accordance with Sections 200.500-200.521, OMB Uniform Guidance, and required by Part I of this Attachment (in correspondence accompanying the audit report, indicate the date that the Grantee received the audit report); copies of the reporting

package described in Section 200.512, OMB Uniform Guidance, and any management letters issued by the auditor; copies of reports required by Part II of this Attachment must be sent to the Commission at the addresses listed in paragraph C. below.

- C. Copies of financial reporting packages required by Part II of this Attachment, including any management letters issued by the auditor, shall be submitted by or on behalf of the Grantee directly to each of the following:

1. The Commission at the following address:

**Chief Financial Officer
Florida Fish and Wildlife Conservation Commission
Bryant Building
620 S. Meridian St.
Tallahassee, FL 32399-1600**

- 2) The Auditor General's Office at the following address:

**Auditor General's Office
G74 Claude Pepper Building
111 West Madison Street
Tallahassee, FL 32399-1450**

- D. Any reports, management letter, or other information required to be submitted to the Commission pursuant to this Contract shall be submitted timely in accordance with OMB Sections 200.500-200.521, OMB Uniform Guidance, Florida Statutes, and Chapters 10.550 (local governmental entities) or 10.650 (nonprofit and for-profit organizations), Rules of the Auditor General, as applicable.

Grantees and sub-Grantees, when submitting financial reporting packages to the Commission for audits done in accordance with Sections 200.500-200.521, OMB Uniform Guidance, or Chapters 10.550 (local governmental entities) or 10.650 (non-profit and for-profit organizations), Rules of the Auditor General, should indicate the date that the reporting package was delivered to the Grantee/sub-Grantee in correspondence accompanying the reporting package.

- End of Attachment C -

Exhibit 1
FEDERAL AND STATE FUNDING DETAIL

FEDERAL RESOURCES AWARDED TO THE GRANTEE PURSUANT TO THIS AGREEMENT CONSIST OF THE FOLLOWING:

Federal Program(s) Funds		
CFDA #	CFDA Title	Amount
	Total Federal Awards	

COMPLIANCE REQUIREMENTS APPLICABLE TO THE FEDERAL RESOURCES AWARDED PURSUANT TO THIS AGREEMENT ARE AS FOLLOWS:

Federal Program(s) Compliance Requirements	
CFDA #	Compliance Requirements

STATE RESOURCES AWARDED TO THE GRANTEE PURSUANT TO THIS AGREEMENT CONSIST OF THE FOLLOWING:

MATCHING RESOURCES FOR FEDERAL PROGRAMS:

Matching Funds Provided by CFDA		
CFDA #	CFDA Title	Amount of Matching Funds
	Total Matching Funds Associated with Federal Programs	N/A

SUBJECT TO SECTION 215.97, FLORIDA STATUTES:

State Project(s)		
CSFA #	CSFA Title	Amount
77005	FWC Derelict Vessel Removal Grant Program	\$37,575.00
	Total State Awards	\$37,575.00

COMPLIANCE REQUIREMENTS APPLICABLE TO STATE RESOURCES AWARDED PURSUANT TO THIS AGREEMENT ARE AS FOLLOWS:

State Project(s) Compliance Requirements	
CSFA #	Compliance Requirements
77005	Must adhere to FWC Derelict Vessel Removal Grant Program Guidelines (June 2016)

NOTE: Section 200.513, OMB Uniform Guidance (2 CFR 200), as revised, and Section 215.97(5), Florida Statutes, require that the information about Federal Programs and State Projects included in Exhibit 1 be provided to the Grantee.

- End of EXHIBIT 1 -

INVOICE

Billed to:

Fish and Wildlife Conservation Commission
 FWC Derelict Vessel Removal Grant Program
 620 South Meridian Street
 Tallahassee, Florida 32399

Remit payment to:

Grantee: Clay County _____
 FEID #: 59-6000553 _____
 Address: 477 Houston Street _____
 Green Cove Springs, Florida 32043 _____

Invoice No.

Invoice Date: _____
 FWC Contract #: FWC-16179
 Amount of Grant Award: \$37,575.00

Billing Period/Dates of Service:

From: _____

To: _____

PROJECT COSTS:

In-kind Services – Non-cash expenses:	Amount
In-kind service: Administration	\$
In-kind service: Project Management	\$
In-kind service: Other	\$
Deliverables/Services Provided (Scope of Work) – Cash expenditures:	Amount
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$

Total Project Cost: \$

Grantee Share (____%): – \$

Amount for Reimbursement: \$

I hereby certify that the above costs are true and valid costs incurred in accordance with the project Agreement, and that the matching funds, in-kind or cash, were utilized toward the project in this Agreement.

Signed: _____
 Project Manager

Date: _____



Best Management Practices for DV removal

Derelict Vessel Removal Process

Derelict vessels are existing impacts to the environment as well as boating safety hazards, impediments to navigation, and esthetic nuisances. Typically these vessels are found grounded on the edges of active waterways where they may have physical impacts on benthic and shoreline communities. However, the impact of these vessels is not limited to their immediate location. If left unattended, the influences of winds and tides continue to push the boats causing greater impact as they become more deeply mired into the environment. Early extraction of these vessels will avoid and minimize the environmental impacts. In addition to these physical impacts resulting from the movement of these vessel through the environment; there is the long term effect caused by their continued degradation and decay in the marine environment. These vessels may be constructed of various materials, such as wood, steel, aluminum, or fiberglass; each having varying degrees of resilience and can remain in the marine environment for extended periods of time. With the progression of time; the environmental impacts increase with the shading from the hull and displacement of live bottom and emergent vegetative communities resulting from the expansion of the debris field as the vessels disintegrates. The impacts resulting from the removal of these vessels during any stage is less than the impacts caused by the long-term presence of the vessel in the marine environment. Therefore the early detection and removal of these abandoned and derelict vessels is the best means of minimizing the individual or cumulative impacts to the environment.

Derelict Vessel Removal (FDEP) Permit Exemption

An Exemption under Florida Administrative Code Chapter 62-330-051(5)(g) by Florida Department of Environmental Protection, has been established for the removal of derelict vessels. Based on the presumption that the extraction of these vessels from the marine environment will cause only minimal environmental impacts and in turn avoid the long-term impacts resulting from the degradation of the vessel at it current location. The environmental impacts are ameliorated by the application of the best management practices referenced below.

Florida Administrative Code Chapter 62-330-051(5)(g)

(g) The removal of derelict vessels, as defined in Section 823.11(1), F.S., by federal, state, and local agencies, provided:

1. The derelict vessel case has been completed as specified in Section 705.103, F.S., and has been entered into the Statewide Derelict Vessel Database maintained by the Florida Fish and Wildlife Conservation Commission;

2. All work is done in a manner that, to the greatest practicable extent, avoids additional dredging or filling, grounding or dragging of vessels, and damage to submerged resources such as seagrass beds, oyster beds, coral communities, mangroves, other wetlands, and live bottom; and
3. An absorbent blanket or boom shall be immediately deployed on the surface of the water around the derelict vessel if fuel, oil, or other free-floating pollutants are observed during the work.

General Derelict Vessel Removal and Environmental Protection Best Management Practices

The following best management practices (BMP's) will be employed by the marine contractor during the removal of derelict vessels. These BMP's will be incorporated into the contract for each vessel removal project. The marine contractor selected for the project will be required to show proof of their ability to meeting the BMP requirements with their contingency of equipment, staff and expertise in the removal of derelict vessels.

Compliance with these BMP's will be monitored by the County and by local Florida Fish and Wildlife Conservation Commission law enforcement officers. These BMP's are as follows:

a. All Work Is To Meet The Following Requirements:

1. Operations are to be limited to daylight hours.
2. Operations are to be staged from an upland area.
3. All work is to be performed in a manner that avoids and/or minimizes impacts to live bottom and other resource areas (e.g., seagrass beds, oyster beds, wetlands, mangroves, and other sensitive habitats) while approaching, working in, and leaving the derelict vessel site.
4. All work shall avoid impacts to manatees, sea turtles, and other species listed by the state and federal government as threatened or protected.
5. The Contractor will remove all contaminants and pollutants including fuels, batteries, paints, solvents, and engine from the derelict vessel prior to extraction. Any contaminant or pollutant found to be contained within a derelict vessel shall be removed by the Contractor, placed in an approved container, and disposed of properly. The placement of an absorbent blanket on the surface of the water around the derelict vessel within the turbidity barrier is required where free floating product (gas/oil) is observed.
6. The Contractor is to provide appropriate best management practices (BMPs) approved by the Florida Department of Environmental Protection for erosion control and turbidity protection while each derelict vessel is being removed. In areas of low to moderate currents, a Type II floating turbidity barrier will be

- installed within a ten (10) foot radius of the vessel being removed prior to starting any removal activities. The turbidity barrier shall be anchored to the bottom of the waterway.
7. The Contractor is to provide appropriate BMPs for erosion control and turbidity prevention around the vessels/barges being used to remove the derelict vessel and around the perimeter of any upland staging site (where necessary).
 8. The Contractor is to monitor turbidity levels throughout removal work.
 9. In an effort to reduce turbidity, a crane, winch and/or approved alternate method is to be used to raise the derelict vessel from the water.
 10. The Contractor will measure turbidity levels and allow them to return to a level that is not in excess of 20 NTU's over initial turbidity readings prior to removal of turbidity measures.
 11. The dragging of vessels is to be avoided both on and off-shore. All vessels/barges used in vessel removal shall continually monitor water depths to avoid running aground.
 12. The Contractor will load derelict vessels onto a barge and/or flat bed truck (or similar) for proper disposal.
 13. The Contractor is to photo-document all removals as described in Item 6 below with pictures taken before, during and after removal. The Contractor will provide a daily written report of all removal activities.

b. For Derelict Vessels That Are Floating Or Lightly Aground:

1. The vessel is to be pumped out as needed and extracted (floated out) during high water.
2. Following extraction, the vessel is to be towed from the grounded location to a boat ramp or other removal point while avoiding and/or minimizing impacts to live bottom areas.

c. For Derelict Vessels That Are Hard Aground:

1. The vessel is to be approached using shallow draft vessels.
2. The vessel is to be extracted using a crane from a shallow draft deck barge, by hand using the best available tools, or similar approach to minimize impacts to the site and surrounding areas.

d. For Derelict Vessels Sunken In Shallow Water:

1. Install and inflate flotation bags as needed.
2. Lift the vessel with barge mounted crane or similar equipment.

**FWC DERELICT VESSEL REMOVAL GRANT PROGRAM
PROJECT PROGRESS REPORT**

Mail to FWC at 620 South Meridian Street, Tallahassee, FL 32399-1600 or fax to (850) 488-9284.

FWC Contract # 16179

Reporting Period (Month/Year): _____

(Due 15 days after the end of each month)

Grantee: _____

Project Title: Clay County's Derelict Vessel Removal Project

1. Describe progress of project, including percent completed for each task in the Scope of Work:

2. Is project currently on schedule for completion by May 31, 2017?

YES ☐NO ☐

Anticipated Completion Date: _____

(If project is not on schedule, please explain any problems encountered and/or possible delays)

3. Reporting requirements: (Check all that have been submitted to date)

☐ Progress photographs_____
Project Manager_____
Date_____
Print Name_____
Phone



FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION

FWC Derelict Vessel Removal Grant Program

CERTIFICATION OF COMPLETION STATEMENT

I, James Householder,

Representing the County of Clay, do hereby certify that the FWC Derelict Vessel Removal Grant Program project funded by FWC Contract No. FWC-16179 has been completed in compliance with all terms and conditions of said Agreement; that all amounts payable for materials, labor and other charges against the project have been paid; and that no liens have been attached against the project.

(Signature)

(Date)

WARNING: "Whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his or her official duty shall be guilty of a misdemeanor of the second degree, punishable as provided in s. 775.082 or s. 775.083." § 837.06, Florida Statutes.

CERTIFICATE BY COMMISSION

I certify: That, to the best of my knowledge and belief, the work on the above-named project has been satisfactorily completed under the terms of the Agreement.

Division: _____

By: _____

Date: _____

Name: _____

Title: _____

COST REIMBURSEMENT CONTRACT PAYMENT REQUIREMENTS

Pursuant to the February, 2011 *Reference Guide for State Expenditures* published by the Department of Financial Services, invoices for cost reimbursement contracts must be supported by an itemized listing of expenditures by category (salary, travel, expenses, etc.). In addition, supporting documentation must be provided for each amount for which reimbursement is being claimed indicating that the item has been paid. Check numbers may be provided in lieu of copies of actual checks. Each piece of documentation should clearly reflect the dates of service. Only expenditures for categories in the approved contract budget should be reimbursed.

Listed below are examples of types of supporting documentation:

- (1) Salaries: A payroll register or similar documentation should be submitted. The payroll register should show gross salary charges, fringe benefits, other deductions and net pay. If an individual for whom reimbursement is being claimed is paid by the hour, a document reflecting the hours worked times the rate of pay will be acceptable.
- (2) Fringe Benefits: Fringe Benefits should be supported by invoices showing the amount paid on behalf of the employee (e.g., insurance premiums paid). If the contract specifically states that fringe benefits will be based on a specified percentage rather than the actual cost of fringe benefits, then the calculation for the fringe benefits amount must be shown.

Exception: Governmental entities are not required to provide check numbers or copies of checks for fringe benefits.
- (3) Travel: Reimbursement for travel must be in accordance with Section 112.061, Florida Statutes, which includes submission of the claim on the approved State travel voucher or electronic means.
- (4) Other direct costs: Reimbursement will be made based on paid invoices/receipts. If nonexpendable property is purchased using State funds, the contract should include a provision for the transfer of the property to the State when services are terminated. Documentation must be provided to show compliance with Department of Management Services Rule 60A-1.017, Florida Administrative Code, regarding the requirements for contracts which include services and that provide for the contractor to purchase tangible personal property as defined in Section 273.02, Florida Statutes, for subsequent transfer to the State.
- (5) In-house charges: Charges which may be of an internal nature (e.g., postage, copies, etc.) may be reimbursed on a usage log which shows the units times the rate being charged. The rates must be reasonable.
- (6) Indirect costs: If the contract specifies that indirect costs will be paid based on a specified rate, then the calculation should be shown.

Contracts between state agencies may submit alternative documentation to substantiate the reimbursement request that may be in the form of FLAIR reports or other detailed reports. Additionally, the invoice or submitted documentation must evidence the completion of all tasks required to be performed for the deliverable and must show that the provider met the minimum performance standards established in the agreement.



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Finance & Audit Committee

DATE: 12/28/2016

FROM: Stephanie Russ

SUBJECT:

Approval of Budget Resolution in the amount of \$37,575.00 to record unanticipated revenue from Florida Fish and Wildlife Conservation Commission. These funds are to be used by the County to contract the removal of derelict vessels, for a total to exceed no more than \$50,100.00, with \$37,575.00 being reimbursed by the Florida Fish and Wildlife Conservation. Funding Source: Florida Boating Improvement Fund Revenue

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

The FWC Grant for the removal of derelict vessels is a matching grant which provides up to a maximum amount of \$50,100.00, of which \$12,525.00 is required matching funds from the County. Funds already budgeted in the Florida Boating Improvement Fund will be utilized for the County's matching funds obligation. These funds are generated from vessel registration fees, and in accordance with Florida Statute 328.72 and 328.66 these funds must be used to support boating safety and boating recreation improvements.

Is Funding Required (Yes/No):

Yes

If Yes, Was the item budgeted (Yes/No/N/A):

No

Funding Source: Florida Boating Improvement Fund

<u>Florida Boating Improvement Fund Revenue:</u>		
State Grant	103-103-334900	\$37,575.00
<u>Derelict Vessels Removal Grant:</u>		
Other Current Charges	103-3298A-549100	\$ 50,100.00
Repairs and Maintenance	103-3298 -546100	\$(12,525.00)

Sole Source (Yes/No):

No

Advanced Payment (Yes/No):

No

ATTACHMENTS:

Description

[Resolution 2017-Removal of Derelict Vessels](#)

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Budget Office	Russ, Stephanie	Approved	12/28/2016 - 3:41 PM	
County Manager	Kopelousos, Stephanie	Approved	12/29/2016 - 11:54 AM	

CLAY COUNTY
RESOLUTION # _____

WHEREAS, the following revenue from the Florida Fish and Wildlife Conservation Commission was not budgeted in the fiscal year 2016/2017 budget, and

WHEREAS, Section 129.06(2)(d) of the Florida Statutes stipulates that a receipt of a nature from a source not anticipated in the budget and received for a particular purpose may, by resolution of the Board, be appropriated and expended for that purpose, and

WHEREAS, these funds are to be used to cover the cost to the County for the removal of derelict vessels, and to recognize unanticipated revenues,

THEREFORE, pursuant to Section 129.06(2)(d) of the Florida Statutes, let it be resolved that the following budget be adopted.

REVENUE

State Grant	103-103-334900	\$37,575.00
-------------	----------------	-------------

EXPENDITURES

Other Current Charges	103-3298A-549100	\$50,100.00
-----------------------	------------------	-------------

Repairs and Maintenance	103-3298 - 546100	(\$12,525.00)
-------------------------	-------------------	---------------

Board of County Commissioners
Clay County, Florida

DATE

Wayne Bolla, Chairman

ATTEST:

S. C. Kopelousos, County Manager
and Clerk to the Board of County Commissioners



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 3 10:00 AM

TO: Finance & Audit Committee

DATE: 12/7/2016

FROM: S.C. Kopelousos

SUBJECT: Update on County projects.

AGENDA ITEM TYPE:

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Budget Office	Goedermote, Angela	Approved	12/7/2016 - 1:38 PM	Item Pushed to Agenda

PROJECT	PROCESS OR STEPS	NEXT MILESTONES	DATES	COMPLETION	COMMENTS
OAKLEAF PARKING LOT		Options: 1. Add additional funds to complete the Phase 1 of the Parking lot project 2. use the funds to light the football field.			Bid came in \$732,452.78 Have \$362,766.60 in the budget
COUNTY PARK PLAN		February a draft will be complete for the Boards review and discussion			Staff would like to address the fee schedule with the Board as we complete the Park Plan
CHALLENGER ROAD		3. 90% Plans 4. Bid Package and Specification Final Plans and Specification 5. Final Plans and Specification	3.1/27/17 4. 2/17/17 5. 3/10/17		
COUNTY VEHICLE MILEAGE REPORT	Submitted Quarterly		January		
FERAL CAT VOLUNTEER PROGRAM		Chairman has requested a workshop	property		

PROJECT	PROCESS OR STEPS	NEXT MILESTONES	DATES	COMPLETION	COMMENTS
SURPLUS PROPERTY REPORT		1. Test the process with 3 parcels 2. Process a. Inspection of parcels and confirm each is unoccupied and the condition of the improvements that exist on the parcel. b. Decision on minimum bid c. Advertise once a week for two weeks d. Place on govdeals.com to receive bids.			
BCC APPOINTMENTS		Provide list to Commissioners	Monthly		
IMPACT FEE STUDY		1. Vote on continuing moratorium <i>RFP - went out</i>	1. December 13, 2016 <i>list</i>		
GAS TAX		1. BCC needs to determine if a part of diversifying the revenue and is this something they want to consider			
FAIRGROUNDS DRAINAGE PROJECT		1. Construction started 2. Construction completed	1. November 14, 2016 2. 120 days (3 week in February)	UPDATE: Paved the midway and are sodding this week.	Bids received on October 14 at \$642,790

PROJECT	PROCESS OR STEPS	NEXT MILESTONES	DATES	COMPLETION	COMMENTS
MOODY PARK DISABLED BASEBALL FIELD		1. Paper work completed on DEO grant 2. DEP grant has not been released by the state.	1. Committee and Board voting on DEO agreement 8.2.16		Hope to have the DEP Grant by November.
BRANDING	1. Possibility of new logo 2. EDC received a grant from the State	RFP	Advertised Jan 12		
800 MEGA HERTZ SYSTEM	Chief Mock will provide update 8.2.16	1. Tower Upgrades 2. Infrastructure Delivered/Installed/Field Tested: Microwave and Radio System 3. Dispatch Center Console Installs Subscriber Units Delivered/Distributed and installed Portables Mobiles 4. Coverage Testing & 60 Day burn-in 5. Cutover 6. Final System Acceptance	1. December 31 - underway 2. January 15, 2017 - Underway 3. February 28, 2016 April 30, 2017 July 11, 2017 4. June 30, 2017 5. July 1, 2017 6. July 25, 2017		
STATION 11 REPLACEMENT		2. Design Development 3. Construction Documents 4. Final CDs 5. Bidding /Permitting/Award 6. Construction Adm.	2. August 29, 2016 3. Sept. 23, 2016 4. Sept. 30, 2016 5. Nov. 30, 2016 6. June 30, 2017		Checking on the possiblity of purchasing the property next door and analyzing if the building would be cheaper at one story.

PROJECT	PROCESS OR STEPS	NEXT MILESTONES	DATES	COMPLETION	COMMENTS
SANDRIDGE BOX CULVERT		1. Designer Wantman Group - they will be evaluating the most effective Structure to be completed March 10. They will at this point have survey, geotech and hydrolic modeling completed. 2. Final Plans 3. Bid Documents to Purchasing	1. March 10, 2017 2. November 11, 2017 3. February 15, 2018		
FLEMING ISLAND MULTIPURPOSE FIELDS	Leased property next to school	1. Survey 2. Plans - Architectural design for bathroom-concession 3. Geotech - Completed 3. RFP 4. Bids Due	1. Completed 2. Work Order Underway 3. December 1, 2016		GEOTECH information came back. There are soil concerns. Staff is reviewing the the recommendations
GUN RANGE		Getting quotes on clean up of certain materials	this week staff should have all quotes		
220 RAILROAD CROSSING		Mid March			
WELLS ROAD RAILROAD CROSSING		Start Date December 16 according to CSX			CSX has said they would like to start this asap
CR 220 Widening from Knight Box to Henley		1. PD&E 2. 60% plans 3. 90% plans 4. 100 Plans Complete 5. LET Date (BIDs opened)	1. FDOT working on PD&E 2. 2/9/18 3. 6/4/18 4. 8/14/18 5. 5/26/21		Notice to Proceed on utility work, survey and geotech - 12/28/17

PROJECT	PROCESS OR STEPS	NEXT MILESTONES	DATES	COMPLETION	COMMENTS
CR 218		1. LET Date (BIDs opened)	1. 2/22/17		Construction dates will follow.
PURCHASE PROPERTY WITH CAMP BLANDING		1. Draft closing documents have been submitted to the staff for review. 2. BCC voted on Closing Documents	2. 7.26.16		COMPLETED
TYNES EXTENSION	Agreement with developer	1. Drafts between developer and county 2. Final Draft to come to BCC	1. May-June 2. July 26, 2016		COMPLETED
BLIGHT ORDINANCE		1. BCC Discussion of Ordinance	1. August 23 BCC Mtg		COMPLETED
1 CENT EXTENSION		1. Voted by BCC to put on agenda 2. Set up town hall meetings around county 3. Interlocal agreements with the municipalities and school districts	1. June 14 2. OP-8/8 GCS-7/28 KSH-7/25 Oakleaf-8/2 Middleburg-8/4 OP-8/8	Vote August 30	COMPLETED

PROJECT	PROCESS OR STEPS	NEXT MILESTONES	DATES	COMPLETION	COMMENTS
---------	---------------------	-----------------	-------	------------	----------



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO:

DATE:

FROM:

SUBJECT: This is a public hearing to consider an amendment to the Land Development Code to add Rural Event Center as a Conditional Use with conditions. At the December 13, 2016 Board of County Commissioners meeting, the Board voted unanimously to rescind Article III, Section 3-5, Subsection (bf), thereby deleting Rural Event Centers as a conditional use, and instructed staff to provide alternative language. The Board was concerned about the level of scrutiny for Rural Event Centers and the potential for siting of this conditional use that could be incompatible with surrounding properties.

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

On February 23, 2016, the Board approved an Ordinance that established Rural Event Centers as a conditional use. However, subsequent to the adoption of the new Rural Event Center conditional use, the Board was made aware of plans for a Rural Event Center in the Melrose area of the County, which generated much opposition from residents of the neighboring parcels. Recognizing that the Rural Event Center Conditional Use could result in incompatible land use adjacent to residential areas, the Board voted to rescind the conditional use. At the Board's recommendation, staff is providing an updated Rural Event Center conditional use for consideration in the attached resolution.

ATTACHMENTS:

Description	Type	Upload Date	File Name
▣ Staff Memo	Cover Memo	1/4/2017	Board_Memo - _New_Rural_Event_Center.pdf
▣ Proposed Ordinance	Ordinance	1/4/2017	1st_amdt_12- 16_clean_(2).pdf
▣ Citizen recommendations Power Point	Backup Material	1/4/2017	DOC010417-001.pdf

▢ Presentation Backup Material 1/4/2017 Rural_Event_Center.pptx

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Planning	Lehman, Ed	Approved	1/4/2017 - 9:09 AM	
Planning	Nagle, Troy	Rejected	1/4/2017 - 11:03 AM	Requested to be sent back
Planning	Lehman, Ed	Approved	1/4/2017 - 11:09 AM	Resubmitted
Planning	Lehman, Ed	Approved	1/4/2017 - 11:09 AM	
Planning	Nagle, Troy	Approved	1/4/2017 - 11:10 AM	
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:12 AM	



**Department of Economic
and Development Services**

Memorandum

To: Board of County Commissioners

From: Edward Lehman, Director of Planning and Zoning

Date: January 10, 2017

Re: Public Hearing to Consider Amendment to the Land Development Code to Add Rural Event Center as a Conditional Use with Conditions

Issue: At the December 13, 2016 Board of County Commissioners meeting, the Board voted unanimously to rescind Article III, Section 3-5, Subsection (bf), thereby deleting Rural Event Centers as a conditional use, and instructed staff to provide alternative language. The Board was concerned about the level of scrutiny for Rural Event Centers and the potential for siting of this conditional use that could be incompatible with surrounding properties.

Background: On February 23, 2016, the Board approved an Ordinance that established Rural Event Centers as a conditional use. Rural Event Centers were to be allowed in lands zoned AG and AR, as well as land zoned Rural Community in the Lake Asbury Master Plan and lands designated as Rural Suburbs in the Branan Field Master Plan. The conditions placed on this land use were:

- The parcel had to be 3.5 acres or greater
- All parking required on-site
- No event could be conducted that violated the Noise Ordinance.

Subsequent to the adoption of the new Rural Event Center conditional use, the Board was made aware of plans for a Rural Event Center in the Melrose area of the County, which generated much opposition from residents of the neighboring parcels. Recognizing that the Rural Event Center Conditional Use could result in incompatible land use adjacent to residential areas, the Board voted to rescind the conditional use. At the Board's recommendation, staff is providing an updated Rural Event Center conditional use for consideration in the attached resolution.

In brief, the proposed resolution provide conditions that differ from the rescinded version of the conditional use as follows:

- Any proposed Rural Event Center must go through Planned Unit Development (PUD) review. In the case of a proposed Rural Event Center in the Branan Field Master Plan or in the Lake Asbury Master Plan, a proposed Rural Event Center must go through a plan review consistent with the PUD requirements.
- No structure may be located closer than 50 feet from a property line.
- The parcel is subject to buffer from adjacent residential land consistent with the buffers established for general commercial land use in the Tree Protection and Landscaping Standards Code.
- The Rural Event Center Conditional use can be proposed and approved in any land use category in the County.
- The parcel must be at least 3.5 acres if it contains both residential and non-residential land uses; it shall be at least 10 acres if it only contains non-residential land use.

Recommendation: Staff believes that the proposed resolution addresses the Boards concerns about the potential for development of a Rural Event Center incompatible with surrounding parcels. Staff recommends approval of the proposed ordinance to amend the Land Development Code to establish Rural Event Centers as a Conditional Use to include recommended conditions and development criteria for their approval.

ORDINANCE NO. 2017-_____

AN ORDINANCE OF THE BOARD OF COUNTY COMMISSIONERS OF CLAY COUNTY, FLORIDA, REPEALING IN ITS ENTIRETY CLAY COUNTY ORDINANCE 2016-10; AMENDING SEC. 3-5 OF ARTICLE III OF THE CLAY COUNTY LAND DEVELOPMENT CODE, BEING THE CODIFICATION OF ORDINANCE NO. 93-16, AND COMPRISING THE ZONING AND LAND USE LAND DEVELOPMENT REGULATIONS, AS SAID ARTICLE III HAS BEEN SUBSEQUENTLY AMENDED BY ORDINANCE, WHICH SEC. 3-5 PROVIDES FOR CONDITIONAL USES, BY CREATING NEW SUBSECTION (bg) THEREOF TO ESTABLISH THE RURAL EVENT CENTER AS A CONDITIONAL USE, AND TO PROVIDE THEREIN FOR DEFINITIONS; FOR CONDITIONS AND RESTRICTIONS APPLICABLE TO THE OPERATION OF A RURAL EVENT CENTER AND REQUIRING AN APPLICATION FOR AND THE RECEIPT OF A PLANNED UNIT DEVELOPMENT (PUD) ZONING DESIGNATION; PROVIDING FOR THE REDESIGNATION OF CURRENT SUBSECTIONS (bg) THROUGH (bp) OF SAID SECTION 3-5 AS SUBSECTIONS (bh) THROUGH (bq); ADDING SECTIONS 3-9(a)(6) AND 3-9(o)(3) OF ARTICLE III, WHICH PROVIDES FOR ZONING DISTRICT AND LAND USE CATEGORY CONSISTENCY, TO ADD PUD AS A ZONING DISTRICT THAT IS PERMISSIBLE IN THE AGRICULTURE LAND USE CATEGORY AND THE BUSINESS PARK LAND USE CATEGORY, RESPECTIVELY; AMENDING THE FOLLOWING PROVISIONS OF SECTION 20.3-33A IN SAID ARTICLE III: SUBSECTION b. OF SECTIONS 1, 2 AND 3 OF PART II ,SUBSECTION b. OF SECTIONS 2, 3 AND 4 OF PART III, AND ADDING NEW SUBPARAGRAPH 6.a.v.H. TO SECTION 6 OF PART III AND ADDING NEW SUBSECTION b. TO SECTION 7 OF PART III, IN ORDER TO ADD RURAL EVENT CENTER AS A CONDITIONAL USE IN ALL BRANAN FIELD LAND USES AND TO REQUIRE NOTICE AND A PUBLIC HEARING AS PART OF THE DEVELOPMENT APPROVAL OF SAME; AMENDING SUBPARAGRAPH b. OF PARAGRAPHS 1 THROUGH 6 OF SUBSECTION B OF SECTION 20.3-33B OF SAID ARTICLE III TO ADD RURAL EVENT CENTER AS A CONDITIONAL USE IN ALL LAKE ASBURY ZONING DISTRICT CATEGORIES AND TO REQUIRE NOTICE AND A PUBLIC HEARING AS PART OF THE DEVELOPMENT APPROVAL OF SAME; PROVIDING A DEFINITION OF THE TERM ARTICLE III; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

Be It Ordained by the Board of County Commissioners of Clay County:

Section 1. Clay County Ordinance 2016-10, adopted February 23, 2016, which created the conditional use regarding rural event centers is hereby repealed in its entirety.

Section 2. As used throughout this Ordinance, the term “Article III” shall mean and refer to Article III of the Clay County Land Development Code, being the codification of Ordinance 93-16 and comprising the Zoning and Land Use Land Development Regulations, as said Article III has been subsequently amended by ordinance.

Section 3. Section 3-5 of Article III, which provides for conditional uses, is hereby amended by the creation of a new subsection thereof to be designated subsection (bg), to be inserted immediately following subsection (bf) thereof, and to read in its entirety as follows:

(bg) *Rural Event Center.*

- (1) For purposes of this subsection, a Rural Event Center shall mean a venue that facilitates the congregation of people in exchange for remuneration for events that include weddings, family reunions, class reunions, company retreats and picnics, or other similar events or celebrations located on land within the following Land Use categories as defined in the Clay County Comprehensive Plan: Agricultural; Agricultural/Residential; Rural Residential; Rural Fringe Residential; Urban Fringe Residential; Urban Core Residential; Commercial; Industrial; Planned Community; Rural Reserve; Mixed Land; Business Park, and Industrial Park; and on all the land in the Branan Field and Lake Asbury Master Plan areas with the exception of conservation and institutional uses.,
- (2) The parcel shall not be less than three and one-half (3.5) contiguous acres in size if it contains both residential and non-residential uses. Notwithstanding anything else to the contrary in Article III, the parcel shall be a minimum of 10 contiguous acres in size if it contains only non-residential uses.
- (3) All parking for each event shall be on-site only. Off-site parking is prohibited.
- (4) No event shall be conducted in a manner that would constitute a violation of Section 15-5 of the Clay County Code.
- (5) All structures, permanent and/or temporary structures such as tents, stages and dance floors, shall be limited to the areas designated for such purpose on the approved site plan for the permit, shall not be located any closer than fifty feet from a property line, and must be separately permitted if required under applicable regulations.
- (6) The parcel shall be subject to a buffer from adjacent residential land as determined by the application of the provisions for General Commercial contained in Article VI of the Clay County Land Development Code (the Tree Protection and Landscaping Standards.)

(7) For property not located within the Branan Field and Lake Asbury Master Plan areas, an applicant for the development of property as a Rural Event Center must first apply for and receive a rezoning to a Planned Unit Development designation. All applications shall be submitted and processed by the County in accord with Section 3-33 of Article III of the Clay County Land Development Code.

(8) For property located in the Branan Field and Lake Asbury Master Plan areas, all applications for the development of property as a Rural Event Center must first receive conceptual approval by the Clay County Board of County Commissioners. The application shall utilize the notice and public hearing process for a PUD rezoning contained in Section 3-33 of Article III of the Clay County Land Development Code in order to schedule a public hearing before the Board of County Commissioners on the application. The submission requirements shall also conform to the requirements of said Section 3-33. If the application, following a public hearing, receives conceptual approval, the application shall be submitted for general development review in accord with the applicable Branan Field or Lake Asbury Master Plan land development regulations for a final approval.

(9) *Intent and Purpose.* It is the purpose of this subsection to permit Rural Event Centers as planned unit developments which are intended to encourage the development of land as planned communities; encourage flexible and creative concepts of site planning; preserve the natural amenities of the land by encouraging scenic and functional open area; accomplish a more desirable environment than would be possible through the strict application of the minimum requirements of the zoning district regulations in Article III; provide for the efficient use of land resulting in smaller networks of utilities and streets and thereby lowering development and housing costs; and to provide a stable environment character compatible with surrounding areas.

Section 4. Current subsections (bg) through (bp) of Section 3-5 of Article III are hereby redesignated as subsections (bh) through (bq).

Section 5. Section 3-9 of Article III, which provides for zoning district and land use category consistency, is hereby amended by the addition of paragraph (a)(6), to read as follows:

(a) Agriculture Land Use Category

(6) PUD: Planned Unit Development

Section 6. Section 3-9 of Article III, which provides for zoning district and land use category consistency, is hereby amended by the addition of paragraph (o)(3), to read as follows:

(o) Business Park Land Use Category

(3) PUD: Planned Unit Development

Section 7. Subsection b. of Section 1 of Part II of Section 20.3-33A of Article III, which subsection b. sets forth conditional uses in the Branan Field Rural Suburbs Land Use, is hereby amended by the addition of a new paragraph thereto, to be designated paragraph xii., to be inserted immediately following paragraph xi. thereof, and to read in its entirety as follows:

xii. Rural Event Center.

Section 8. Subsection b. of Section 2 of Part II of Section 20.3-33A of Article III, which subsection b. sets forth conditional uses in the Branan Field Master Planned Community Land Use, is hereby amended by the addition of a new paragraph thereto, to be designated paragraph vi., to be inserted immediately following paragraph v. thereof, and to read in its entirety as follows:

vi. Rural Event Center.

Section 9. Subsection b. of Section 3 of Part II of Section 20.3-33A of Article III, which subsection b. sets forth conditional uses in the Branan Field Traditional Neighborhood Development Land Use, is hereby amended by the addition of a new paragraph thereto, to be designated paragraph vi., to be inserted immediately following paragraph v. thereof, and to read in its entirety as follows:

vi. Rural Event Center.

Section 10. Subsection b. of Section 2 of Part III of Section 20.3-33A of Article III, which subsection b. sets forth conditional uses in the Branan Field Rural Activity Center Land Use, is hereby amended by the addition of a new paragraph thereto, to be designated paragraph ii., to be inserted immediately following paragraph i. thereof, and to read in its entirety as follows:

ii. Rural Event Center.

Section 11. Subsection b. of Section 3 of Part III of Section 20.3-33A of Article III, which subsection b. sets forth conditional uses in the Branan Field Community Center Land Use, is hereby amended by the addition of a new paragraph thereto, to be designated paragraph viii., to be inserted immediately following paragraph vii. thereof, and to read in its entirety as follows:

viii. Rural Event Center.

Section 12. Subsection b. of Section 4 of Part III of Sec. 20.3-33A of Article III, which subsection b. sets forth conditional uses in the Branan Field Activity Center Land Use, is hereby amended by the addition of a new paragraph thereto, to be designated paragraph viii., to be inserted immediately following paragraph vii. thereof, and to read in its entirety as follows:

viii. Rural Event Center.

Section 13. Subsection a. of Section 6 of Part III of Section 20.3-33A of Article III, which subsection sets forth Gateway uses in the Branan Field Mixed Use Land Use, is hereby amended by the addition of a new subparagraph to paragraph v. relating to conditional uses therein, to be designated subparagraph H., to be inserted immediately following subparagraph G. thereof, and to read in its entirety as follows:

H. Rural Event Center.

Section 14. Section 7 of Part III of Section 20.3-33A of Article III, which section relates to the Branan Field Rural Neighborhood Center Land Use, is hereby amended by the addition of a new subsection b. thereto, to be designated Conditional Use and to add a new paragraph therein to be designated paragraph i. and to read in its entirety as follows:

i. Rural Event Center.

Section 15. Paragraph b. of subsection 1. of Section B of Section 20.3-33B of Article III, which Paragraph b. sets forth conditional uses in the Lake Asbury Master Planned Community land use, is hereby amended by the addition of a new subparagraph thereto, to be designated subparagraph vi., to be inserted immediately following subparagraph v. thereof, and to read in its entirety as follows:

vi. Rural Event Center.

Section 16. Paragraph b. of subsection 2 of Section B of Section 20.3-33B of Article III, which Paragraph b. sets forth conditional uses in the Lake Asbury Rural Reserve land use, is hereby amended by the addition of a new subparagraph thereto, to be designated subparagraph vi., to be inserted immediately following subparagraph v. thereof, and to read in its entirety as follows:

vi. Rural Event Center.

Section 17. Paragraph b. of subsection 3 of Section B of Section 20.3-33B of Article III, which Paragraph b. sets forth conditional uses in the Lake Asbury Rural Community land use, is hereby amended by the addition of a new subparagraph thereto, to be designated subparagraph ix., to be inserted immediately following subparagraph viii. thereof, and to read in its entirety as follows:

ix. Rural Event Center.

Section 18. Paragraph b. of subsection 4 of Section B of Section 20.3-33B of Article III, which Paragraph b. sets forth conditional uses in the Lake Asbury Rural Fringe land use, is hereby amended by the addition of a new subparagraph thereto, to be designated subparagraph v., to be inserted immediately following subparagraph iv. thereof, and to read in its entirety as follows:

v. Rural Event Center.

Section 19. Paragraph b. of subsection 5 of Section B of Section 20.3-33B of Article III, which Paragraph b. sets forth conditional uses in the Lake Asbury Activity Center land use, is hereby amended by the addition of a new subparagraph clause thereto, to be designated subparagraph vii., to be inserted immediately following subparagraph vi. thereof, and to read in its entirety as follows:

vii. Rural Event Center.

Section 20. Paragraph b. of subsection 6 of Section B of Section 20.3-33B of Article III, which Paragraph b. sets forth conditional uses in the Lake Asbury Village Center land use, is hereby amended by the addition of a new subparagraph thereto, to be designated subparagraph vi., to be inserted immediately following subparagraph v. thereof, and to read in its entirety as follows:

vi. Rural Event Center.

Section 21. Should any word, phrase, sentence, paragraph, subparagraph, subsection or section of this ordinance or of any of the amendments to Article III provided under this ordinance be held by a court of competent jurisdiction to be illegal, void, unenforceable, or unconstitutional, then such word, phrase, sentence, paragraph, subparagraph, subsection or section shall be severed from this ordinance or said amendments to Article III, as applicable, and all other words, phrases, sentences, paragraphs, subparagraphs, subsections and sections shall remain in full force and effect.

Section 22. This ordinance shall take effect as provided by Florida general law.

DULY ADOPTED by the Board of County Commissioners of Clay County, Florida, this ____ day of January, 2017.

BOARD OF COUNTY COMMISSIONERS
CLAY COUNTY, FLORIDA

By: _____
Wayne Bolla
Its Chairman

ATTEST:

S. C. Kopelousos
County Manager and Clerk of the

Board of County Commissioners

\ords\zoning\2015\rural events center\lst amdt 12-16 clean

Performance Standards

Location/Parcel Size

- Barn Weddings maybe allowed as an ancillary use on AR or AG properties subject to approval above, provided they are located on properties greater than 25 acres. However, if the property is located on transitional parcels adjacent to Commercial or Industrial zoned properties, such as, BB-1, BB-2, BB-3, BB-4, BB-5, the minimum lot size shall be 3.5 acres.

Setbacks

- Buildings used for Barn or Farm Weddings must be set back a minimum of 1000 ft from any existing residential home, or residentially zoned property including AR, AR1, AR2, etc.
- However, if the property is located on transitional parcels adjacent to Commercial or Industrial zoned properties, such as, BB-1, BB-2, BB-3, BB-4, BB-5, the minimum setback shall be only 500 ft measured building to building.
- Barn Wedding facilities in operation at the time of this ordinance will only be required to meet the setback requirements on any additional buildings.
- A variance to the setback can be applied for provided the variance is agreeable to the adjacent neighbors.

Ancillary Use

Barn or farm weddings are only allowed as an ancillary use not a primary use. The following are criteria to give definition to a wedding as an ancillary use:

- The facilities including buildings were in place and operated for Agricultural purposes for a minimum of five years prior to the Barn Wedding.
- Existing additions to structures cannot be made to convert the buildings into commercial type structures where the sole use is for weddings. The barns must still be capable of operating for agricultural purposes.

Hours of operation

- Outside festivities shall be limited to the hours of 10:00 am to 8:00 pm.
- Inside festivities shall be limited to the hours of 9:00 am to 10:00 pm

Noise

- There shall be no amplification of music outside of any buildings.
- For outside activities, no noise should be heard at the residential neighbor's property line.
- For inside activities, no noise or vibrations should be heard or felt at the residential neighbor's property line.
- In any event, noise or vibrations should not be heard or felt inside a residential home.
- However, if the property is located on transitional parcels adjacent to Commercial or Industrial zoned properties, such as, BB-1, BB-2, BB-3, BB-4, BB-5, the sound restrictions should apply to the neighbors dwelling not property line.

Lighting

- A photometric lighting plan will be required to be submitted along with each permit.
- Lighting shall be such that the amount of lighting at the subject property line will be 0.0 footcandles.
- Outdoor lighting, except for security lighting will be prohibited after 11:00.

- All lighting fixtures will be cut-off type, and will direct lighting downward.
- A maximum of 10 footcandles will be allowed at any location on the subject property.
- Pole height will be limited to 30 ft and will be located a minimum of 500 ft from any property line.

Traffic

- Prior to any wedding event, a traffic study should be conducted and submitted to Clay County to address any adverse impacts to the adjacent and nearby roadways. The study area will be determined by the Clay County Director of Engineering.
- Barn wedding facilities in operation at the time of this ordinance will not be required to provide a traffic study. However, if in the opinion of the Clay County Director of Engineering, the traffic generated by the Barn Wedding facility becomes a problem, then a traffic study will be required to assess what adverse impacts would have to be mitigated.

Land Development Code

- Any improvements associated with the parcel shall meet all Sections of the Clay County Code, including the Engineering Standards. No waivers or variances will be allowed except as approved by CCBOCC.

Number of Events

- The total number of wedding events will be limited to two (2) per month. If more than two events are requested in one month, it would require individual approval by the CCBOCC.

Signage



Land Development Code Amendment: Rural Event Centers

County Commission
January 10, 2017

Issue

- County Commission rescinded Article III, Subsection (bf), thereby deleting Rural Event Centers as a conditional use in December, 2016.
- Concern with proposed Rural Event Center in Melrose and unintended consequences of the existing Rural Event Center conditional use language.
- Instructed staff to provide alternative language.

Background

- Land Development Code amended at the April 27, 2010 Board of County Commissioners meeting to add this provision.
- In 2010, some land owners in Clay Hill made the request because of perceived redundancy between their efforts to work with the District to develop such ponds.
- However, the District has requested its removal from the Code because they do not have the staff nor resources to develop and approve these ponds.

How Does It Differ

- Rural Event Center can be proposed in most land uses in Clay County.
- Must obtain PUD zoning approval, or in Lake Asbury and Branan Field Master Plan areas, be reviewed consistent with PUD standards.
- No structure may be located closer than 50 feet from the property line.
- Subject to Land Development Code buffer requirements for Commercial use
- Parcel must be 3.5 acres if it contains both residential and non-residential uses and 10 acres if only non-residential.

Recommendation

- Approve ordinance to amend the Land Development Code to add Rural Event Centers as a Conditional Use and include recommended conditions and development criteria for their approval as PUDs.

Questions?



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: Board of County Commissioners

DATE: 1/3/2017

FROM: Holly Coyle

SUBJECT:

On November 8, 2016, Florida voters approved an amendment to the Florida Constitution titled "Use of Marijuana for Debilitating Medical Conditions" (Amendment 2). This amendment legalizes the medical use of marijuana and/or cannabis ("marijuana") throughout the State of Florida for individuals with debilitating medical conditions as determined by a licensed Florida physician and authorizes the registration and regulation of centers that acquire, produce, and distribute marijuana for medical purposes.

The Board, at its meeting on October 25, 2016, directed staff to proceed with the drafting of an ordinance to impose a temporary moratorium on medical marijuana treatment centers and licensed dispensing organizations. The ordinance is attached for your consideration.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description	Type	Upload Date	File Name
▢ BCC Memo 010317	Cover Memo	1/3/2017	BCC_Memo_010317.docx
▢ Ordinance	Ordinance	1/3/2017	Moratorium_Ordinance_11616.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Economic and Development Services	Nagle, Troy	Approved	1/4/2017 - 11:03 AM	
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:15 AM	



**Department of Economic
and Development Services**

Memorandum

To: Board of County Commissioners
From: Holly Coyle, Economic and Development Services Director
Date: January 3, 2017
Re: Public Hearing to consider an ordinance placing a temporary moratorium on medical marijuana treatment centers and licensed dispensing organizations

Issue: Moratorium on Medical Marijuana Treatment Centers and Licensed Dispensing Organizations

Background: On November 8, 2016, Florida voters approved an amendment to the Florida Constitution titled “Use of Marijuana for Debilitating Medical Conditions” (Amendment 2). This amendment legalizes the medical use of marijuana and/or cannabis (“marijuana”) throughout the State of Florida for individuals with debilitating medical conditions as determined by a licensed Florida physician and authorizes the registration and regulation of centers that acquire, produce, and distribute marijuana for medical purposes.

The use of low THC marijuana is already lawful in Florida under limited circumstances by virtue of the legislature’s enactment of Florida Statutes, Section 381.986, titled the “Compassionate use of local-THC and medical cannabis.” This law was enacted in 2014 to authorize qualified physicians to order low-THC cannabis or medical cannabis for qualified patients diagnosed with certain medical conditions. As a result, the Florida Department of Health’s Office of Compassionate Use was established and charged with overseeing the regulatory infrastructure for the delivery of medical cannabis to patients throughout the State. The passing of amendment 2 has the effect of making medical marijuana available for a wider group of medical conditions. With increased numbers of patients, legal medical marijuana dispensaries may seek to locate within the County.

Due to the historic and longstanding legal prohibition of marijuana prior to enactment of Florida Statutes, Section 381.986, the Clay County Land Development Regulations do not address the use of real property for the purposes of cultivating, processing, distributing, or lawfully selling medical marijuana, low-THC cannabis, or related activities.

In light of the passing of Amendment 2, if a licensed dispensing organization should seek to operate within the County, the County will need sufficient time to research, study, and analyze the potential impact and compatibility of medical marijuana treatment centers or approved

dispensing organizations upon adjacent land uses and the surrounding areas, traffic, congestion, surrounding property values, demand for County services and other aspects of the public safety and welfare to determine what uses are best suited for particular zoning categories and how best to formulate land development regulations that appropriately govern the use of real property for purposes of cultivation, processing, distribution, or selling marijuana or related activities to qualified patients.

The Board, at its meeting on October 25, 2016, directed staff to proceed with the drafting of an ordinance to impose a temporary moratorium on medical marijuana treatment centers and licensed dispensing organizations. The ordinance is attached for your consideration.

Recommendation: Approval of the ordinance as presented.

ORDINANCE NO. 2016/17-

AN ORDINANCE IMPOSING A TEMPORARY MORATORIUM ON THE OPERATION OF MEDICAL MARIJUANA TREATMENT CENTERS AND LICENSED DISPENSING ORGANIZATIONS WITHIN CLAY COUNTY, FLORIDA, FOR A PERIOD OF ONE (1) YEAR UNLESS RESCINDED OR EXTENDED BY A SUBSEQUENT ORDINANCE, OR BY A SUBSEQUENT AMENDMENT TO THE COUNTY'S LAND DEVELOPMENT REGULATIONS REGARDING THE REGULATION OF MARIJUANA TREATMENT CENTERS AND LICENSED DISPENSING ORGANIZATIONS; PROVIDING FOR REPEALER, SEVERABILITY, AND IMMEDIATE EFFECTIVE DATE.

WHEREAS, Florida Statutes, Section 381.986, titled the "Compassionate use of local-THC and medical cannabis," authorizes qualified physicians to order low-THC cannabis or medical cannabis for qualified patients diagnosed with certain medical conditions; and

WHEREAS, the Florida Department of Health's Office of Compassionate Use has recently been established and charged with overseeing the regulatory infrastructure for medical cannabis in the State; and

WHEREAS, on November 8, 2016, Florida voters considered an amendment to the Florida Constitution, titled "Use of Marijuana for Debilitating Medical Conditions" ("Amendment 2"); and

WHEREAS, Amendment 2 was approved legalizing the medical use of marijuana and/or cannabis ("marijuana") throughout the State of Florida for individuals with debilitating medical conditions as determined by a licensed Florida physician and authorizing the registration and regulation of centers that acquire, produce and distribute marijuana for medical purposes; and

WHEREAS, due to the historic and longstanding legal prohibition of marijuana prior to enactment of Florida Statutes, Section 381.986 and approval of Amendment 2, the Land Development Regulations of Clay County (the "County") do not address the use of real property for purposes of cultivating, processing, distributing or selling medical marijuana, low-THC cannabis, or related activities, and such uses of real property have historically not existed within the County; and

WHEREAS, in order to promote effective and responsible land use planning within the County due to the approval of Amendment 2 by Florida voters, or if a Licensed Dispensing Organization should seek to operate within the County, the Clay County Board of County Commissioners (the "Board") wishes to allow for sufficient time to research, study, and analyze the potential impact of Medical Marijuana Treatment Centers or approved Dispensing Organizations upon adjacent uses and the surrounding areas, traffic, congestion, surrounding

property values, demand for County services and other aspects of the public safety and welfare; and

WHEREAS, the Board finds that a temporary moratorium on the operation of Medical Marijuana Treatment Centers and approved Dispensing Organizations will allow the County a sufficient period of time to determine what uses are best suited to particular zoning categories and how best to formulate land development regulations that appropriately govern the use of real property for purposes of cultivation, processing, distributing or selling marijuana or related activities.

Be It Ordained by the Board of County Commissioners of Clay County:

Section 1. Moratorium Imposed. A temporary moratorium is hereby imposed on the operation of Medical Marijuana Treatment Centers and Licensed Dispensing Organizations within Clay County, Florida. While the temporary moratorium is in effect, the County shall not accept, process, or approve any application relating to the operation of a Medical Marijuana Treatment Center or Licensed Dispensing Organization. Nothing in this temporary moratorium shall be construed to prohibit the medical use of marijuana or low-THC cannabis by a qualifying patient, as determined by a licensed Florida physician, pursuant to Amendment 2, Florida Statutes, Section 381.986, or other Florida law.

Section 2. Definitions. For purposes of the temporary moratorium:

- A) “Medical Marijuana Treatment Center” means an entity that acquires, cultivates, possesses, processes (including development of related products such as food, tinctures, aerosols, oils or ointments), transfers, transports, sells, distributes, dispenses or administers marijuana, products containing marijuana, related supplies, or educational materials to qualifying patients or their personal caregivers and is registered by the Florida Department of Health.
- B) “Licensed Dispensing Organization” means an organization approved by the Florida Department of Health’s Office of Compassionate Use to cultivate, process and dispense low-THC cannabis and medical cannabis pursuant to Florida Statutes, Section 381.986.

Section 3. REPEALER. Any Ordinances or parts thereof in conflict with the provisions of this Ordinance are hereby repealed to the extent of such conflict.

Section 4. SEVERABILITY. If any section, phrase, sentence or portion of this ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision, and such holding shall not affect the validity of the remaining portions hereof.

Section 5. EFFECTIVE DATE. This Ordinance shall become effective immediately upon its adoption. The temporary moratorium enacted by this Ordinance shall terminate one (1)

year from the effective date of this Ordinance, unless rescinded or extended by subsequent Ordinance or by an amendment to the County's Land Development Regulations addressing the use of real property for purposes of cultivating, processing, distributing or selling medical marijuana, low-THC cannabis or related activities.

DULY ADOPTED by the Board of County Commissioners of Clay County, Florida, this ____ day of January, 2017.

BOARD OF COUNTY COMMISSIONERS
CLAY COUNTY, FLORIDA

By: _____
Its Chairman

ATTEST:

S. C. Kopelousos
County Manager and Clerk of the
Board of County Commissioners



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: Board of County Commissioners

DATE: 12/6/2016

FROM: Holly R. Coyle

SUBJECT:

Review and discussion of third renewal of Agreement #13/14-100 between Clay County and the Clay County Economic Development Corporation.

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

Bill Garrison, President of the Clay County Economic Development Corporation, will discuss proposed revisions to the terms of the existing agreement.

ATTACHMENTS:

Description	Type	Upload Date	File Name
▢ Sole Source Document	Cover Memo	12/29/2016	Sole_Source_Docs-CCEDC.pdf
▢ Agreement	Cover Memo	12/29/2016	CCEDC_Agreement_-_3rd_Renewal.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Budget Office	Russ, Stephanie	Approved	1/4/2017 - 8:14 AM	
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:27 AM	

CLAY COUNTY, FLORIDA

Sole Source Justification

Vendor: Clay County Economic Development Corporation

Commodity: Economic Development Services

Estimated annual expenditure for the above commodity or service: \$50,000.00

Initial all entries below that apply to the proposed purchase. Attach a memorandum containing complete justification and support documentation as directed in initialed entry. (more than one entry will apply to most sole source products/services requested).

1. _____ SOLE SOURCE REQUEST IS FOR THE ORIGINAL MANUFACTURER OR PROVIDER, THERE ARE NO REGIONAL DISTRIBUTORS. (Attach the manufacturer's written certification that no regional distributors exist. Item no. 4 also must be completed.)
2. _____ SOLE SOURCE REQUEST IS FOR THE ONLY STATE OF FLORIDA DISTRIBUTOR OF THE ORIGINAL MANUFACTURER OR PROVIDER. (Attach the manufacturer's — not the distributor's — written certification that identifies all regional distributors. Item no. 4 also must be completed.)
3. _____ THE PARTS/EQUIPMENT ARE NOT INTERCHANGEABLE WITH SIMILAR PARTS OF ANOTHER MANUFACTURER. (Explain in separate memorandum.)
4. _____ THIS IS THE ONLY KNOWN ITEM OR SERVICE THAT WILL MEET THE SPECIALIZED NEEDS OF THIS DEPARTMENT OR PERFORM THE INTENDED FUNCTION. (Attach memorandum with details of specialized function or application.)
5. _____ THE PARTS/EQUIPMENT ARE REQUIRED FROM THIS SOURCE TO PERMIT STANDARDIZATION. (Attach memorandum describing basis for standardization request.)
6. X _____ NONE OF THE ABOVE APPLY. A DETAILED EXPLANATION AND JUSTIFICATION FOR THIS SOLE SOURCE REQUEST IS CONTAINED IN ATTACHED MEMORANDUM.

The undersigned requests that competitive procurement be waived and that the vendor identified as the supplier of the service or material described in this sole source justification be authorized as a sole source for the service or material.

131
DEPARTMENT

1804

DIVISION

9/29/16

DATE

Hally Boyle
DEPARTMENT/DIVISION DIRECTOR

COUNTY MANAGER

(PURCHASING USE ONLY)

SOLE SOURCE AUTHORIZATION

APPROVED BY: _____ DATE: _____

DISAPPROVED BY: _____ DATE: _____

REASON: _____



Department of Economic
and Development Services

Memorandum

To: Board of County Commissioners
From: Holly Coyle, Director, Economic and Development Services
Date: September 29, 2016
Re: Economic Development Corporation Sole Source Justification

Issue: Economic Development Corporation Sole Source Justification

Background: Staff recommends utilizing the Clay County Economic Development Corporation for the provision of services related to economic development. Coordination of these efforts is supported by goals and policies outlined in the Economic Development Element of the Clay County 2025 Comprehensive Plan. Consistent with the Plan policies below, Clay County has utilized the services of the economic development agency extensively in the past to assist with the creation and expansion of new and existing businesses.

- Policy 1.1:** Clay County shall continue to support the Chamber and the Authority in conducting a coordinated economic development program.
- Policy 1.2:** Clay County shall maintain public-private partnerships through its continued support of the Chamber in an effort to provide a sufficient and stable base for business, governmental, and financial support for the County's economic development efforts.
- Policy 1.3:** Clay County shall work with the Chamber and encourage active development and implementation of programs that promote a diversified economy for Clay County through the following: attraction and retention of targeted businesses and primary industries, creation of public private partnerships, and the education of the community on the value of economic development.

Staff requests that competitive procurement be waived and that the Economic Development Corporation be authorized as a sole source for the economic development services.

Recommendation and Action: Approval.

AGREEMENT/CONTRACT REVIEW FORM		MEETING DATE BCC F+ A 11-15-16
DO NOT PLACE ITEMS ON AN AGENDA UNTIL REVIEW IS COMPLETED		
DATE:	July 13, 2016	<div style="text-align: center;"> RECEIVED JUL 25 2016 <i>Clay County Attorney's Office</i> </div>
Staff Member Preparing Form:	Holly R. Coyle	
Department Submitting Contract:	Economic and Development Services	
Vendor Name:	Clay County Economic Development Corporation	
Contract Title:	Agreement between Clay County and the Clay County Economic Development Corporation	
SUMMARY (TO BE COMPLETED BY DEPARTMENT)		
1. New Contract	Y <input checked="" type="radio"/> (N)	9. Contract Amount (*Detail negotiation efforts below) \$50,000
2. Renewal/Amend./Supplement	<input checked="" type="radio"/> (Y) N	10. Last Year's Price (*If increase explain below) \$50,000
3. Sole Source ** (explain below)	<input checked="" type="radio"/> (Y)* N	11. Date of Original Contract – May 13, 2014
4. Quotes/bid policy met	Y N/A	12. Number of Renewals – Third extension by mutual agreement of both parties.
5. Need to waive bid policy	<input checked="" type="radio"/> (Y) N	13. Length of Term – One year.
6. Automatic renewal	n/a <input checked="" type="radio"/> (N)	
7. Standard Addendum Executed	<input checked="" type="radio"/> (Y) N	Requested Action: Approval
8. Advance Payment Required	Y <input checked="" type="radio"/> (N)	
Funding Source		
Account Number: 131-1804-531000		Background/Purpose: <u>Provision of services related to economic development.</u>
Account Name: <u>Planning & Zoning - Professional Services</u>		
		<u>Advance Review FY16/17</u>

Approvals

Purchasing:	No Changes	With Changes
Review Date:		

Recommended Changes: * See note on page 1 of the Agreement.
* Is table on page 2 supposed to be blank?
* The Scrutinized Companies Certification needs to be incorporated into the Agreement.
* Complete page 10 of the Standard Addendum & the Scrutinized Companies form.

Budget:	No Changes	With Changes
Review Date:		

Finance:	No Changes	With Changes
Review Date:		

County Attorney:	No Changes	With Changes
Review Date:		

** Sole Source Explanation: _____

**IN RE: CLAY COUNTY
AGREEMENT/CONTRACT #13/14-100, THIRD RENEWAL**

The Third Renewal to Agreement No. 13/14-100 is made and entered into this ____ day of _____, 2017, by and between Clay County, a political subdivision of the State of Florida, by and through its Board of County Commissioners (the "County"), and the Clay County Economic Development Corporation (Economic Development Corporation or EDC).

WHEREAS, the County and the Economic Development Corporation desire to renew the Agreement; and,

WHEREAS, the Agreement will expire on September 30, 2016; and,

WHEREAS, the County and the Economic Development Corporation desire to reinstate and extend the terms of the Agreement.

W I T N E S S E T H:

The County and the Economic Development Corporation, for and in consideration of the mutual covenants herein made and the benefits flowing from each party to the other, do hereby agree as follows.

A. The Economic Development Corporation shall serve as the lead agency for coordination of economic development services as herein described within the boundaries of Clay County, and provide the following services:

1. Implement the Strategic Plan. The plan shall be in accordance with Exhibit J, Economic Development Element, of the 2025 Clay County Comprehensive Plan.
2. Pursue for Clay County a competitive economy that combines a variety of business and industry which will produce goods and services for export from the area or for local consumption which would otherwise be imported into the area.
3. Seek businesses that will utilize and train the local labor force as their employees and provide equitable wages and salaries.
4. Seek business and industry that will promote economic diversity while building on existing assets of the area.
5. Identify to prospective businesses the availability of job training programs through the Orange Park Campus of the St. Johns River State College, and other Clay County institutes of post-primary education.
6. Maintain an inventory of available buildings and industrial sites.
7. Maintain working relationships with Enterprise Florida, the Governor's Office with Tourism, Trade and Economic Development, the Florida First Coast Marketing Coalition, railroads, utilities and other economic development Corporations to generate potential business and industry locations for Clay County.
8. Coordinate efforts to obtain grant monies where available.
9. Support and encourage public/private partnerships to further strengthen economic development efforts.
10. Provide advice, cooperation and assistance as may be requested in developing Clay County policies and programs in the areas of economic growth, the economic development elements of the Comprehensive Plan, zoning ordinances, permitting processes and development issues.
11. Encourage expansion of existing business and industry and new business and industry in locations where existing public services and infrastructure are in place. Should appropriate locations not be

available where infrastructure is available, business and industry will be encouraged to locate in areas where future infrastructure will be developed as designated in the Public Facilities Element and Capital Improvement Program.

12. Encourage clustering of major business and industry activities to occur in areas close to arterial roads, access to utilities, port facilities, and areas that minimize impacts on the natural environment and on adjacent lands.
13. Continue programs of economic diversification and in the location of new business and industry.
14. Ensure that all records identified herein which relate to funding provided by the County shall be available for review or audit by the County Manager or his/her designee.
15. Furnish the County with quarterly written reports on economic development activities and a final written report at the end of each calendar year.

B. MEASURABLE GOALS

The following metrics will be used to gauge the success of the EDC's efforts. The benchmark for comparison will be the data existing on March 31, 2016. The EDC will provide this information to the County in the quarterly written reports required in Section A above.

	New Business Starts*	Total EDC Inquiries	County Annual Unemployment Rate*	Total Private Sector Jobs*	Average Weekly Wages*
2016					
1 st Quarter					
2 nd Quarter					
3 rd Quarter					
4 th Quarter					
2017					
1 st Quarter					
2 nd Quarter					
3 rd Quarter					
4 th Quarter					

*Data collected from the United States Department of Labor, Bureau of Labor Statistics

C. INDEPENDENT CONTRACT AND INDEMNIFICATION

The Economic Development Corporation shall act as an independent contractor and not as an employee of the County for all aspects associated with or covered by this Agreement. The Economic Development Corporation shall defend, protect, indemnify and hold harmless the County and all its principals, employees, officers, agents and servants (collectively, the Indemnitees), from and against any and all suits, claims, demands, liabilities and costs and all damages, including reasonable attorneys' fees and court costs, asserted against the Indemnitees or any of them by reason of injury to the persons or property of others.

D. AMOUNT AND USE OF FUNDING

The County shall pay an amount not to exceed \$50,000 for services (hereinafter "Services") as described in Section A of this Agreement. The Economic Development Corporation shall submit statements to the County for payment for services as described in Section A. The Economic Development Council shall submit statements to the County for payment for services rendered as described in Section A no more frequently than monthly during the term of this agreement. The last monthly payment request may be submitted no sooner than October 1, 2017 and no later than November 29, 2017. The statement shall include a detailed summary of the applicable services provided during the term of this Agreement by the Economic Development Council. In support of any statement the Economic Development Council shall

promptly submit to the County such information and supporting documentation as the County's Finance Department may reasonably request. Any other provisions of this Agreement to the contrary notwithstanding, the total amount of all payment for services rendered under this Agreement shall not exceed the funding allocation therefor in the County's budget. The provisions of this paragraph shall survive the termination or expiration of this Agreement. No payment for services rendered shall be subject to any handling fee, processing fee, surcharge or other mark-up. The County shall make all payments on all statements in accordance with the Local Government Prompt Payment Act.

E. RECORDS RETENTION. The Economic Development Corporation shall maintain all records and documents applicable to this Agreement for a minimum of three years from the date that final payment under this Agreement is received from the Economic Development Corporation, and shall be available for audit and public disclosure upon request of duly authorized persons. The Economic Development Corporation shall comply with all requirements of Chapter 119, Florida Statutes, to the extent applicable to such records and documents.

F. TERM

The initial term of this Agreement shall be October 1, 2016 through September 30, 2017. Thereafter, this Agreement may be renewed for successive terms of one year each upon execution of a renewal agreement by the parties hereto.

G. INCLUSIVE TERMS AND CONDITIONS

This Agreement contains all the terms and conditions agreed upon by the parties. No other agreements oral or otherwise regarding the subject matter of this Agreement shall be deemed to exist or to bind any of the parties hereto.

H. TERMINATION WITH OR WITHOUT CAUSE

The Agreement shall continue and remain in full force and effect until and unless either party shall give written notice to the other party of its desire to terminate this Agreement, with or without cause, on a specified time and date thereafter. Such written notice to terminate this Agreement shall be given no less than thirty (30) days prior to the date this Agreement shall be so terminated, with prompt notice in the event funds become unavailable to any party for any reason whatsoever. The County shall be the sole and final authority as to the availability of funds. In the event of such termination, the Economic Development Corporation shall be paid by the County for all services actually, timely, and faithfully rendered up to receipt of the notice of termination, and for all other services thereafter authorized in writing by the County.

I. NOTICES

Except as otherwise provided herein, any notice, acceptance, request, or approval from either party to the other party shall be in writing and sent by certified mail, return receipt requested, and shall be deemed to have been received when either deposited in a United States Postal Service mailbox or personally delivered with signed proof of delivery. The County and the Economic Development Corporation's representatives are:

County:

Clay County Board of County Commissioners
P.O. Box 1366
Green Cove Springs, FL 32043

Economic Development
Corporation:

Director
Clay County Economic Development Corporation
1845 Town Center Boulevard, Suite 110B
Fleming Island, FL 32003

A copy of any notice hereunder shall also be sent to:

Clerk of the Circuit Court
P.O. Box 698
Green Cove Springs, FL 32043

J. INVALIDITY OF PROVISIONS. If any provisions of this Agreement shall for any reason be held to be invalid or unenforceable, the invalidity or unenforceability of such provision shall not affect any of the remaining provisions of this Agreement, and this Agreement shall be enforced as if such invalid and unenforceable provision had not been contained herein.

K. THIRD PARTY BENEFICIARIES. No third party beneficiaries are intended or contemplated under this Agreement, and no third party shall be deemed to have rights or remedies arising under this Agreement against either party to this Agreement.

L. INTEGRATION. The Recitals set forth hereinabove form an integral part of this Agreement. When construing this Agreement, all resort shall be had to the Recitals to the extent necessary to give the fullest effect to the manifest intent of the parties set forth in this Agreement.

M. AGREEMENT BINDING. This Agreement shall be binding upon, and shall inure to the benefit of, the parties hereto and their respective successors and permitted assigns.

N. WAIVER. No waiver by either party of any term or condition of this Agreement will be deemed or construed as a waiver of any other term or condition, nor shall a waiver of any breach be deemed to constitute a waiver of any subsequent breach, whether of the same or of a different paragraph, subparagraph, clause, phrase, or other provision of this Agreement.

O. GOVERNING LAWS. This Agreement shall be governed and construed under and pursuant to the laws of the State of Florida, and the United States of America. Unless the parties otherwise agree, the venue of any action or proceeding brought under the provisions of this Agreement shall be Clay County, Florida.

P. Time is of the essence with respect to this Agreement and each of its terms and provisions.

Q. ATTORNEYS FEES AND COURT COSTS. In the event an attorney must be employed to enforce or interpret this Agreement, the party prevailing on the majority of its claims, or which successfully defends against a majority of the other's claims, shall be entitled to an award of reasonable attorney's fees and costs, including fees and costs incurred from the date of referral of the dispute to the prevailing party's attorney through the conclusion of litigation, arbitration, or other dispute resolution proceeding, or incurred in bankruptcy or on appeal. The provisions of this paragraph shall survive any termination of this Agreement.

R. PUBLIC ENTITY CRIME STATEMENT. In lieu of formal execution of a "Public Entity Crime Statement", the following paragraph is acknowledged by the Economic Development Corporation: "A person or affiliate who has been placed on the State of Florida convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity for a period of 36 months from the date of being placed on the convicted vendor list."

S. ATTACHMENTS. The Standard Addendum to all Contracts and Agreements and the Scrutinized Companies Certification are attached hereto and by reference its terms incorporated herein.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed for the uses and purposes herein expressed on the day and year first above-written.

**CLAY COUNTY BOARD OF
COUNTY COMMISSIONERS**

By: _____
Wayne Bolla, Chair

ATTEST:

S. C. Kopelousos
County Manager and Clerk of the
Board of County Commissioners

**CLAY COUNTY ECONOMIC
DEVELOPMENT CORPORATION, INC.**

By: _____
Chad Patrick, Chair

**STANDARD ADDENDUM TO ALL CONTRACTS
AND AGREEMENTS**
[General]

Any other provisions of the contract or agreement (the Agreement) to which this document is attached to the contrary notwithstanding, the provisions hereof take precedence over the provisions of the Agreement regardless of whether the matters addressed herein are also addressed in the Agreement, and shall be deemed an integral part of the Agreement as if set forth therein, having a force and effect of equal or superior dignity, as applicable, with the provisions thereof; provided, if provisions of the Agreement address a matter in a manner which results in a lower cost to the County than would prevail hereunder, then such provisions shall control and supersede the applicable provisions hereof. As used herein, the term "Contractor" means the vendor or other party to the Agreement providing construction, labor, materials, professional services, and/or equipment to the County thereunder; the term "County" means Clay County, a political subdivision of the State of Florida, its Board of County Commissioners, or any other name or label set forth in the Agreement identifying such entity; and the term "Parties" means the County and the Contractor together.

1. As used in this paragraph, the term "Act" means the Local Government Prompt Payment Act set forth in Part VII of Chapter 218, Florida Statutes; the term "Invoice" means a statement, invoice, bill, draw request or payment request submitted by the Contractor under the Agreement; the term "Manager" means the County Manager of the County; the term "Paying Agent" means the agent of the County to whom Invoices must be submitted if identified in the Agreement, or, if not so identified, the County's Finance Director; the term "Submittal Date" means, with respect to an Invoice, the submittal date thereof to the Paying Agent; and the term "Work" means the services rendered, or supplies, materials, equipment and the like constructed, delivered or installed under the Agreement. All payments for the Work shall be made by the County in accordance with the Act. Upon receipt of a proper Invoice, the County shall have the number of days provided in the Act in which to make payment.

(a) Promptly upon receipt of an Invoice submitted under this paragraph, the Paying Agent shall date stamp the same as received. Thereafter, the Paying Agent shall review the Invoice and may also review the Work as delivered, installed or performed to determine whether the quantity and quality of the Work is as represented in the Invoice and is as required by this Agreement. If the Paying Agent determines that the Invoice does not conform with the applicable requirements of the Agreement or this paragraph or that the Work within the scope of the Invoice has not been properly delivered, installed or performed in full accordance with the Agreement, the Paying Agent shall notify the Contractor in writing within 10 days after the improper Invoice is received that the Invoice is improper and indicate what corrective action on the part of the Contractor is needed to make the Invoice proper. The County shall pay each proper Invoice in accordance with the applicable provisions of the Act.

(b) By the submittal of an Invoice hereunder, the Contractor shall have been deemed to have warranted to the County that all Work for which payments have been previously received from the County shall be free and clear of liens, claims, security interests or other encumbrances in favor of the Contractor or any other person or entity for failure to make payment.

(c) The Parties will attempt to settle any payment dispute arising under this paragraph through consultation and a spirit of mutual cooperation. The dispute will be escalated to appropriate higher-level managers of the Parties, if necessary. If the dispute remains unresolved within 30 calendar days following the Submittal Date, then the Paying Agent shall schedule a meeting with the Manager between the Contractor's representative and the Paying Agent, to be held no later 45 calendar days following the Submittal Date, and shall provide written notice to the Contractor regarding the date,

time and place of the meeting no less than 7 calendar days prior thereto. At the meeting, the Contractor's representative and the Paying Agent shall submit to the Manager their respective positions regarding the dispute, including any testimony and documents in support thereof. The Manager shall issue a written decision resolving the dispute within 60 calendar days following the Submittal Date, and serve copies thereof on the Contractor's representative and the Paying Agent.

2. To the extent not otherwise expressly provided in the Agreement, any work or professional services subcontracted for by the Contractor for which the County has agreed to reimburse the Contractor shall not be marked-up, but shall be payable by the County only in the exact amount reasonably incurred by the Contractor. No other such subcontracted services shall be reimbursed.

3. To the extent not otherwise expressly provided in the Agreement, in the event the Agreement is for professional services, charged on a time basis, the County shall not be billed or invoiced for time spent traveling to and from the Contractor's offices or other points of dispatch of its subcontractors, employees, officers or agents in connection with the services being rendered.

4. To the extent not otherwise expressly provided in the Agreement, the County shall not be liable to reimburse the Contractor for any courier service, telephone, facsimile or postage charges incurred by the Contractor, except as follows, and then only in the exact amount incurred by the Contractor [if the space below is left blank then "NONE" is deemed to have been inserted therein]:

5. To the extent not otherwise expressly provided in the Agreement, the County shall not be liable to reimburse the Contractor for any copying expenses incurred by the Contractor except as follows, and then only at \$0.05 per page [if the space below is left blank then "NONE" is deemed to have been inserted therein]:

6. If and only if travel and per diem expenses are addressed in the Agreement in a manner which expressly provides for the County to reimburse the Contractor for the same, then the County shall reimburse the Contractor only for those travel and per diem expenses reasonably incurred and only in accordance with the provisions of Section 112.061, Florida Statutes. In the event the Contractor has need to utilize hotel accommodations or common carrier services, the County shall reimburse the Contractor for his, her or its reasonable expense incurred thereby provided prior approval of the Manager or his or her designee is obtained.

7. With respect to drawings and/or plans prepared on behalf of the County by the Contractor under the Agreement, unless specifically provided otherwise therein, complete sets of such drawings and/or plans shall be reproduced by the Contractor without cost to the County for all bidders requesting the same, and five complete sets of such drawings and/or plans shall be reproduced and delivered to the County without cost.

8. With respect to any indemnification by the County provided under the Agreement, any such indemnification shall be subject to and within the limitations set forth in Section 768.28, Florida Statutes, and to any other limitations, restrictions and prohibitions that may be provided by law, and shall not be deemed to operate as a waiver of the County's sovereign immunity.

9. In that the County is a governmental agency exempt from sales and use taxes, the County shall pay no such taxes, any other provisions of the Agreement to the contrary notwithstanding. The County shall provide proof of its exempt status upon reasonable request.

10. Any pre-printed provisions of the Agreement to the contrary notwithstanding, the same shall not automatically renew but shall be renewed only upon subsequent agreement of the Parties.

11. The Contractor acknowledges that in the budget for each fiscal year of the County during which the term of the Agreement is in effect a limited amount of funds are appropriated which are available to make payments arising under the Agreement. Any other provisions of the Agreement to the contrary notwithstanding, and pursuant to the provisions of Section 129.07, Florida Statutes, the maximum payment that the County is obligated to make under the Agreement from the budget of any fiscal year shall not exceed the appropriation for said fiscal year.

12. PUBLIC RECORDS LAW: The Contractor acknowledges the County's obligation under Art. 1, Section 24, Florida Constitution, and Chapter 119, Florida Statutes, as from time to time amended (together, the Public Records Laws), to release public records to members of the public upon request. The Contractor acknowledges that the County is required to comply with the Public Records Laws in the handling of the materials created under the Agreement and that the Public Records Laws control over any contrary terms in the Agreement. In accordance with the requirements of Section 119.0701, Florida Statutes, the Contractor covenants to comply with the Public Records Laws, and in particular to:

(a) Keep and maintain public records required by the County to perform the services required under the Agreement;

(b) Upon request from the County's custodian of public records, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law;

(c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and following completion of the Agreement if the Contractor does not transfer the records to the County; and,

(d) Upon completion of the Agreement, transfer, at no cost, to the County all public records in possession of the Contractor or keep and maintain public records required by the County to perform the services. If the Contractor transfers all public records to the County upon completion of the Agreement, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the Agreement, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the County, upon request from the County's custodian of public records, in a format that is compatible with the information technology systems of the County.

13. The Contractor's failure to comply with the requirements of paragraph 12 shall be deemed a material breach of the Agreement, for which the County may terminate the Agreement immediately upon written notice to the Contractor.

14. The Contractor acknowledges the provisions of Section 119.0701(3)(a), Florida Statutes, which, as applicable to the County and the Contractor, require as follows:

(a) A request to inspect or copy public records relating to the Agreement must be made directly to the County. If the County does not possess the requested records, the County shall immediately notify the Contractor of the request, and the Contractor must provide the records to the County or allow the records to be inspected or copied within a reasonable time.

(b) If the Contractor does not comply with the County's request for records, the County shall enforce the contract provisions in accordance with the Agreement.

(c) If the Contractor fails to provide the public records to the County within a reasonable time, the Contractor may be subject to penalties under Section 119.10, Florida Statutes.

15. IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THE AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (904) 269-6352, Ann.Mitchell@claycountygov.com, POST OFFICE BOX 1366, GREEN COVE SPRINGS, FLORIDA 32043.

16. As used in this paragraph, the term "Statute" means Section 287.135, Florida Statutes; the term "Certification" means a certification submitted by the Contractor under subsection (5) of the Statute in connection with submitting a bid or proposal for the Agreement or entering into or renewing the Agreement; and the term "Qualified Contract" means a contract with the County for goods or services of \$1 million or more.

(a) If the Agreement is a Qualified Contract entered into or renewed on or before September 30, 2016, then the County shall have the option of terminating the Agreement if the Contractor:

- (i) is found to have submitted a false Certification;
- (ii) has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; or,
- (iii) has been engaged in business operations in Cuba or Syria as defined in subsection (1) of the Statute.

(b) If the Agreement is a Qualified Contract entered into or renewed on or after October 1, 2016, then the County shall have the option of terminating the Agreement if the Contractor:

- (i) is found to have submitted a false Certification;
- (ii) has been placed on the Scrutinized Companies that Boycott Israel List as referred to in subsection (2) of the Statute, or is engaged in a boycott of Israel as defined in subsection (1) of the Statute;
- (iii) has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; or,
- (iv) has been engaged in business operations in Cuba or Syria as defined in subsection (1) of the Statute.

[The remainder of this page is intentionally blank.]

ATTEST FOR CLAY COUNTY:

S. C. Kopelousos, County Manager and Clerk of
the Board of County Commissioners

(Corporate Seal)

County:

Clay County, a political subdivision of the State
of Florida, by its Board of County
Commissioners

By: _____
Wayne Bolla
Its Chairman

Contractor Name:

Clay County Economic Development Corporation

By: _____
Chad Patrick
Its Chairman

Scrutinized Companies Certification

[Clay County: Interlocal Agreement for the Provision of Economic Development Services
INSERT PROJECT NAME]

Name of Company:¹ Clay County Economic Development Corporation

In compliance with subsection (5) of Section 287.135(5), Florida Statutes (the Statute), the undersigned hereby certifies that the company named above is not participating in a boycott of Israel as defined in subsection (1) of the Statute; is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as referred to in subsection (2) of the Statute; and does not have business operations in Cuba or Syria as defined in subsection (1) of the Statute.

Insert Name of Company:

Clay County Economic Development
Corporation

(Seal)

By: _____
Chad Patrick
Its Chairman

¹ "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company, or other entity or business association, including all wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit.



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: Board of County Commissioners

DATE: 1/3/2017

FROM: Purchasing

SUBJECT:

Request approval of Third Amendment to 800 MHZ Public Safety Radio System Agreement in the amount of \$35,597.00 for repairs to the Keystone Tower. Funding Source: 301-2223-546100 (\$12.50 Motor Vehicle Surcharge Fund - Public Safety-Communication/Oth - Repairs & Maintenance)

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

In the course of performing duties under previous amendments to the agreement, the vendor determined that the Keystone Tower had structural damage that required remediation prior to completion of previously approved upgrades and modifications.

Is Funding Required (Yes/No):

If Yes, Was the item budgeted
(Yes/No/N/A):

Funding Source: \$12.50 Motor Vehicle Surcharge Fund - Public Safety-Communication/Oth - Repairs & Maintenance

Account # 301-2223-546100 Amount - \$35,597.00

Sole Source (Yes/No):

Advanced Payment
(Yes/No):

ATTACHMENTS:

Description	Type	Upload Date	File Name
▢ Review form	Cover Memo	12/28/2016	review_form_3rd_amend.pdf
▢ Motorola_3rd Amendment REVISED.pdf	Cover Memo	1/3/2017	Motorola_3rd_Amendment_for_BCC_010317_REVISED.pdf

REVIEWERS:

Department Reviewer		Action	Date	Comments
Budget Office	Russ, Stephanie	Approved	1/4/2017 - 8:15 AM	
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:10 AM	

AGREEMENT/CONTRACT REVIEW FORM		MEETING DATE
DO NOT PLACE ITEMS ON AN AGENDA UNTIL REVIEW IS COMPLETED		
DATE:	12/27/16	
Staff Member Preparing Form:	Karen Thomas for Chief Mock	
Department Submitting Contract:	Public Safety	
Vendor Name:	Motorola Solutions, Inc.	
Contract Title:	Third Amendment to 800 MHZ Public Safety Radio System Agreement	
SUMMARY (TO BE COMPLETED BY DEPARTMENT)		
1. New Contract	Y	N
2. Renewal/Amend./Supplement	Y	N
3. Sole Source ** (explain below)	Y**	N
4. Quotes/bid policy met	Y	N
5. Need to waive bid policy	Y	N
6. Automatic renewal	n/a	N
7. Standard Addendum Executed	Y	N
8. Advance Payment Required	Y	N
9. Contract Amount (*Detail negotiation efforts below) \$35,597.00 = non-CIP 10. Last Year's Price (*If increase explain below) Original = 15,000,000.00 11. Date of Original Contract Amend 1 = 0 12. Number of Renewals Amend 2 = 337,516.89 13. Length of Term Amend 3 = 35,597.00 15,373,113.89		
Requested Action: Approval of Third Amendment		
Funding Source Account Number: 301-2223-546/00 = 12.50 m/v Surcharge Fund / Public Safety / Repairs & Maint. Account Name: 12.50 / Public Safety / Repairs & Maint.		

Approvals

Purchasing: <i>[Signature]</i>	No Changes: <input checked="" type="checkbox"/>	With Changes: <input type="checkbox"/>
Review Date: 12/28/16		

Recommended Changes: _____

Budget: <i>[Signature]</i>	No Changes: <input checked="" type="checkbox"/>	With Changes: <input type="checkbox"/>
Review Date: 12/28/16		

Finance: <i>[Signature]</i>	No Changes: <input checked="" type="checkbox"/>	With Changes: <input type="checkbox"/>
Review Date: 12/28/16		

*Price Negotiation Efforts: _____

County Attorney: <i>[Signature]</i>	No Changes: <input checked="" type="checkbox"/>	With Changes: <input type="checkbox"/>
Review Date: Prepared by Legal (CG)		

** Sole Source Explanation: _____

**THIRD AMENDMENT TO
800 MHZ PUBLIC SAFETY RADIO SYSTEM AGREEMENT**

THIS THIRD AMENDMENT TO 800 MHZ PUBLIC SAFETY RADIO SYSTEM AGREEMENT (the Third Amendment) is made and entered into as of the 10th day of January, 2017, between Clay County, a political subdivision of the State of Florida (the County), by and through its Board of County Commissioners, and Motorola Solutions, Inc., a Delaware corporation (the Vendor).

Recitals

WHEREAS, the County and the Vendor (the Parties) have heretofore entered into that certain 800 MHz Public Safety Radio System Agreement dated as of the 1st day of April, 2016, and designated by the County as Agreement/Contract No. 2015/2016-85 (the Agreement); and,

WHEREAS, the Parties subsequently amended the Agreement by entering into that certain First Amendment to 800 MHz Public Safety Radio System Agreement dated as of the 9th day of August, 2016 (the First Amendment); and,

WHEREAS, the Parties subsequently amended the Agreement by entering into that certain Second Amendment to 800 MHz Public Safety Radio System Agreement dated as of the 13th day of September, 2016 (the Second Amendment); and,

WHEREAS, in the course of performing its duties under the Agreement, as amended under the First and Second Amendments, in particular while implementing the Second Amendment upgrades and modifications, the Vendor has determined that the Keystone Tower possesses structural damage that requires remediation prior to completion of the Second Amendment upgrades and modifications; and,

WHEREAS, as provided in Section 8.2 of the Agreement, the Parties desire to amend both the Agreement and the Statement of Work attached thereto as Exhibit A for the purpose of addressing the remediation of the Keystone Tower, as hereinafter provided.

W I T N E S S E T H

IN CONSIDERATION OF the foregoing Recitals, the mutual covenants and promises hereinafter set forth, and for other good and valuable consideration, the receipt of which are hereby acknowledged and objections to the adequacy and sufficiency of which are hereby waived, the parties agree as follows:

1. For purposes of this Instrument, the term Agreement means the Agreement as amended pursuant to the First and Second Amendments.

2. The Agreement is further amended as follows:
- a. The **Statement of Work** attached hereto as Exhibit A is hereby substituted in place of the Statement of Work attached to the Original Agreement and the Second Amendment as Exhibit A. Section 16 has been added to the Statement of Work to provide for the remediation to the Keystone Tower by Vendor.
 - b. **Article 4** is amended to revise section 4.3 to account for 30 additional days to complete the Project due to the remediation required to the Keystone Tower as follows:

4.3 Subject to the terms herein, the Vendor shall cause the Project to reach the Final System Acceptance Date within Four Hundred Fifty (450) calendar days following from the effective date of the Notice to Implement (the Project Completion Deadline)(to wit: November 2, 2017).
 - c. **Article 6** is amended to include a new 6.1.2 as follows:

6.1.2 THIRD AMENDMENT. The Contract Price shall be amended by the additional amount of \$35,597.00 to provide for the Keystone Tower remediation by Vendor as set forth in Section 16 of the Statement of Work.
 - d. The **Payment Schedule** attached to the Agreement as Exhibit E shall be amended to include:

“Amendment #3 Keystone Tower Remediation complete – \$35,597.00.”
 - e. Section 7.3 is amended to expressly include as part of the **System** the Keystone Tower remediation as follows:

7.3 SYSTEM DESCRIPTION. The System to be provided by the Vendor under this Agreement shall be composed, at a minimum, of the subsystems, features and capabilities delineated in the Statement of Work. The System expressly includes the Microwave System and all hardware and software associated therewith. Further, the System expressly includes the tower upgrades and modifications to the Long Bay Tower, Sleepy Hollow Tower and Keystone Tower as well as the additional remediation work on the Keystone Tower.
 - f. Section 7.8, **LIMITED WARRANTIES**, is amended to expressly include the Vendor’s warranties for the Keystone Tower remediation as follows:

7.8.21 KEYSTONE TOWER REMEDIATION WARRANTY. In

connection with the Keystone Tower remediation, in addition to the warranties set forth above and provided for in this section 7.8, the Vendor warrants that the work performed, including the engineering, labor and materials provided, under this Third Amendment, Section 16 of the Statement of Work, will be free from defects and will operate under normal use and service for two (2) years from the date of acceptance of the completed work as scheduled for this Third Amendment. During such warranty period, defective materials will be repaired or replaced free of charge by the Vendor, including labor and shipping. Vendor's warranty excludes defects in the original tower structure, foundations or acts of God.

3. In accordance with Section 16.6 of the Agreement, PERFORMANCE AND PAYMENT GUARANTY, the Vendor shall furnish to the County a Rider to Bond No. 285052903 for the additional sum of \$35,597.00, to secure the Vendor's guarantee to the County of the completion and performance of the Keystone Tower remediation as set forth in Section 16 of the Statement of Work and as contemplated under Section 16.6 of the Agreement.

4. Except as further amended herein, the Agreement remains in full force and effect in accordance with its terms.

5. This Third Amendment shall be deemed effective as of date first above-written.

[The remainder of this page is intentionally blank.]

IN WITNESS WHEREOF, each of the Parties has caused this Third Amendment to have been executed on its behalf as of the date and year first above-written.

County:

Clay County, a political subdivision of the
State of Florida, by and through its Board of
County Commissioners

By: _____
Wayne Bolla
Its Chairman

ATTEST FOR THE COUNTY:

S. C. Kopelousos
County Manager and Clerk of the
Board of County Commissioners

Vendor:

Motorola Solutions, Inc., a Delaware
corporation

By: _____
Marshall Wright
Its Strategic Project Team Vice
President and Director of Sales

Exhibit A
[Statement of Work]

Exhibit A

Statement of Work

Article 1. This document comprises the Statement of Work attached as Exhibit A to the 800 MHz Public Safety Radio System Agreement between the County and the Vendor (the Agreement).

Article 2. If a term used in this document is defined in the Agreement, it shall have the meaning attributed thereto in the Agreement unless the context clearly indicates a different meaning, or unless it is otherwise defined in this document. Throughout this document, certain terms are described and defined. In each such instance, each such term is set forth parenthetically adjacent to the text that describes and defines it, and as used in this document shall have the meaning so defined and described. Acronyms used in this document but not otherwise defined shall have the meanings accepted for the same in the public safety radio system industry. The use of the term "legacy" in this document refers to the Existing System, as defined in the Agreement.

Article 3. The Work to be performed by the Vendor under the Agreement, the System to be installed and delivered to the County, and the features and performance requirements of the System are described as follows:

Section 1. P25 Phases I and II Conformance

- A. The top priority for the System is to ensure reliable interoperability and compatible equipment to the extent possible through conformance with applicable P25/TIA/EIA-102 protocol service documents and requirements. All equipment provided shall meet or exceed current standards of the Electronic Industries Alliance (EIA) and the Telecommunications Industry Association (TIA), and the rules and regulations of the Federal Communications Commission (FCC). All equipment shall be type accepted by the FCC. To this end, the System equipment must comply with the following:
 - (i) Common Air Interface – (CAI) (TIA/EIA-102.BAAA).
 - (ii) Inter-RF-Subsystem and Console Subsystem (ISSI/CSSI) Interface Suite of Wireline Standards (TIA/EIA-102.BACA-A).
 - (iii) Conventional Fixed Station Interface (FSI) (TIA/EIA-102.BAHA).
- B. With regard to each item of the System equipment, the Vendor shall provide the following in relation to each document identified in subsection A of this section:
 - (i) Confirmation of conformance and ship date.
 - (ii) Identification of specific TIA/EIA-102 Document and Addendums, together with any applicable revision dates.
 - (iii) A description of any exceptions.

- C. Compliance with the requirements of this section should be achieved by the Vendor's use of the Compliance Assessment Program set forth in the Department of Homeland Security Science and Technology Directorate, Project 25 Compliance Assessment. If that is not possible, the Vendor must conduct testing of a multiple manufacturer environment during staging tests or provide a list of the compliance assessment tests they have conducted, including interoperability tests, along with the actual Supplier's Declaration of Compliance (SDOC). It is mandatory that the System be compliant with P25 Phase II trunked infrastructure standards.

Section 2. Base Station Repeaters and Controllers

The System shall be designed around P25 digital base station repeaters with the following minimal specifications:

- A. Mounted on 19" open equipment racks.
- B. 100 watt minimum nominal power output, continuous duty.
- C. Frequency range of 763 to 862 MHz, covering all public safety 700 MHz and 800 MHz bands.
- D. Metering included for all critical parameters for alignment and adjustment.
- E. Primary power source to be 120VAC with battery backup capability.
- F. Separate antenna connectors for transmit and receive, 50 Ohm output impedance.
- G. Redundant site controllers with auto failover.
- H. All solid state and FCC type accepted.
- I. Alarmable Power Sensors.
- J. Local and remote programming ability.

Section 3. Voting Comparator and Audio/Data Distribution Equipment

Because of the countywide use of simulcast, receiver voting is a requirement. The Vendor shall provide a means of selecting the best quality received signal from each of the trunking sites. The voting comparator shall serve as the system-wide collector, voter and distributor of voice signals for its associated RF channels. The comparator shall produce the best quality audio signal from the multiple signal sources and provide the means to deliver it to the dispatch center and to all of the simulcast transmitter sites. For digital voice operation, the comparator shall incorporate frame diversity to utilize the best data frames of all of the inputs to construct the optimum output signal.

Section 4. Installation and Cutover/Site Upgrades and Additions

- A. As part of turnkey solution for the System, the Vendor will be responsible for complete installation of the new trunking system and for interfacing to all internal and external resources, including the County's new microwave network.
- B. The System must be installed and integrated seamlessly while the Existing System continues to provide uninterrupted service to emergency responders. This

will require the installation of new digital equipment into the existing shelter spaces while existing analog equipment remains in service. The Vendor must conduct a detailed survey of all existing sites for available space and submit a plan of action to be approved by the County to accomplish the transition. Some existing shelters have ample room for new equipment, but others will be very tight such as at the Fairgrounds site. It is anticipated that the power consumption of the new P25 infrastructure equipment will be comparable to the power consumption of the legacy infrastructure equipment. However, it is likely that a large number of components of the P25 and the legacy systems will require full power simultaneously throughout cutover. The County's Fixed Network Equipment sites have sufficient electrical capacity to power all equipment during the transition but may lack the number of circuits to supply both systems simultaneously.

- C. **Electrical.** As part of turnkey solution for the System, the Vendor shall assess the electrical resources available at each site for suitability and, if needed, upgrade the electrical systems to accommodate the new System at no additional cost. The County will allow the use of certain circuits to power multiple components on a temporary basis only to facilitate implementation of the new System.
- D. **Equipment Racks.** The Vendor shall provide racks of metallic construction (aluminum or steel) and of sufficient strength that the equipment will be securely supported and of shape and form which will provide for proper cooling. All equipment racks shall be securely anchored to the floor and bonded to the existing equipment shelter ground system. Cable routing shall use existing racks where available.
- E. **GPS Frequency Standard.** The Vendor shall replace all legacy frequency standards at each site. The Vendor shall install new frequency standards and associated antennas, and connect all new and existing site equipment requiring synchronization to the new frequency standards.
- F. **Dispatch Consoles.** As part of turnkey solution for the System, the Vendor will be responsible for complete installation of new dispatch consoles at the locations and in the quantities specified in the following table:

Location	Quantity
Clay County Sheriff's Office 901 North Orange Avenue Green Cove Springs, FL 32043	7 dispatch consoles
Clay County Fire Rescue 2519 State Road 16 West Green Cove Springs, FL 32043	5 dispatch consoles

Orange Park Police Department 2025 Smith Street Orange Park, FL 32073	2 dispatch consoles
Green Cove Springs Police Department 1001 Idlewild Avenue Green Cove Springs, FL 32043	2 dispatch consoles

- G. **Antenna Systems.** The Vendor shall install new antennas and related equipment that will provide the County with the radio coverage required by the acceptance test procedures. If additional sites will be required, the Vendor will select, procure and install all needed equipment at each site including antennas. The Vendor shall comply with all FCC and Region 9 requirements and all County licenses.
- H. **Transmission Lines/Combiners/Multicouplers/TTAs.** The Vendor shall install new transmission lines for all sites. The new combiners must be capable of full 700 MHz and 800 MHz coverage, and must each be capable of at least twelve (12) transmitter inputs. All new multicoupler/tower-top amplifier systems shall be equipped with pre-selector filters, tower-top amplifier, variable attenuators, and on the ground test ports for VSWR testing in the shelter, and be of sufficient capacity to support all legacy and replacement receivers plus six (6) spare ports. Super flexible 1/4" or 1/2" coaxial cable shall be utilized for interconnecting transmitters, combiners, receivers, multi-couplers, and antenna system transmission lines. Standard-type connectors suitable for the 700/800 MHz band with Teflon insulation and gold- or silver-plated mating surfaces shall be used throughout the RF system. All new surge suppressors shall support the 700/800 MHz bands and surge protectors shall be installed at the port where cables enter the shelter.
- I. **County Responsibilities.** The County shall have the following responsibilities:
- (i) Assume the usage costs of power, leased lines, and generator fueling during the construction/installation effort and on an ongoing basis.
 - (ii) Provide personnel to observe construction progress and testing of site equipment according to the schedule provided by Motorola.
 - (iii) As applicable (based on local jurisdictional authority), be responsible for any installation or upgrades of the electrical system in order to comply with NFPA 70, Article 708, but only with respect to tower sites in existence on the Effective Date, and not with respect to any radio towers added by the Vendor under subsection 3.5.1 of the Agreement.
 - (iv) Provide a right of entry letter from the site owner for Motorola to conduct field investigations.
 - (v) Provide structural and foundation drawings of the antenna support structure if available.

- (vi) Provide access to the existing support facilities for the antenna cables (cable ladder, entry ports, waveguide bridge) from the antenna to the equipment room.
- (vii) Pay for any upgrade of the antenna support structure necessary to accommodate the new antennas, if required; provided, this provision shall not apply to any required increase in tower height.
- (viii) Provide space, HVAC, backup power (ups, generator), grounding, surge suppression, electrical outlets, lighting, fire suppression and cabling facilities for the equipment room per Motorola's R56 specifications, consistent with the site conditions in existence during the site inspection conducted on January 23, 2015, as depicted in the floor plans and schematics provided to the Vendor as of said date. Ceiling and cable tray heights in the equipment rooms should be such as to accommodate 7-foot equipment racks, and the ceiling should be 8 feet or greater.

Section 5. Grounding, Bonding and Lightning Protection

- A. The Vendor shall inspect the grounding systems at all facilities and provide a written report delineating any deficiencies and identifying the required corrective action. The written report shall be submitted to the County at least forty five (45) calendar days prior to the installation of new equipment. The County will consider the deficiencies and make disposition in a timely manner. The County may elect to correct the noted deficiencies or have the deficiencies corrected by the Vendor at additional cost.
- B. The Vendor shall furnish and install all grounding and bonding conductors and make connections to existing facilities. The conductors shall be Number 6 American Wire Gauge (AWG) copper wire or larger. The Vendor shall provide all grounding and lightning protection equipment, including surge arresters, to comply with the requirements of this section for all equipment installed as part of the Project. Bonding conductors shall be used to bond the various pieces of equipment, conduit, trays, etc., together.
- C. The Vendor shall perform a four-wire soil resistivity test and cause appropriate electrodes to be installed to meet the ground resistance requirement of less than 10 Ohms. The Vendor shall perform a ground resistance test after ground rods and lines are installed to demonstrate compliance with this requirement. The ground resistance readings shall be recorded and provided to the County by the Vendor prior to site acceptance. A single point ground system shall be used by the Vendor, whenever possible and approved by the County, on all equipment installed as part of the Project. The single point ground system installed within equipment shelters or buildings shall be connected to the exterior building/tower ground system. The grounding system installation shall be in accordance with the guidelines outlined in subsection D.

- D. The Vendor shall ensure that all equipment is installed, electrically bonded, grounded, and protected in accordance with the latest editions of:
- (i) NFPA 37, Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines.
 - (ii) NFPA 70, National Electrical Code.
 - (iii) NFPA 72, National Fire Alarm Code.
 - (iv) NFPA 110, Standard for Emergency and Standby Power Systems.
 - (v) NFPA 111, Standard on Stored Electrical Energy Emergency and Standby Power Systems.
 - (vi) NFPA 1221, Standard for the installation, Maintenance and Use of Emergency Services Communications Systems.
- E. The Vendor shall ensure that all equipment is installed and tested in accordance with the following requirements:
- (i) Each single row of equipment shall have a separate ground bus consisting of an AWG #2 or larger solid or stranded copper conductor. Each bus shall be connected to the single point ground window.
 - (ii) A single cabinet, rack, or enclosure and any associated transmission line or circuit protection devices shall have a ground conductor bonding all components to a single point ground near the equipment installation.
 - (iii) The antenna support structure/tower must be bonded to the external ground system using an exothermic weld, if permitted by the tower manufacturer.
 - (iv) All ground conductors that compose the external ground system shall be connected using exothermic welding.
 - (v) Transmission lines shall be grounded with properly sized ground kits and connected to the tower and entry bus.
 - (vi) The external ground system shall be tested for soil impedance in accordance with MILHDBK- 419A and shall provide a ground resistance of 10 Ohms or less.
- F. The Vendor shall provide new lightning surge protection for all metallic cables interfacing with equipment outside the site or facility. This includes alternating current (AC) power, RF cabling to the towers, telephone lines, and other equipment interfaces. All cables in cable trays shall be secured at intervals of no more than thirty-six (36) inches. Cables shall be supported for all runs in excess of twenty-four (24) inches. The Vendor shall provide a cable tray system at each site as may be required and/or as the Vendor proposes new or replacement trays. The Vendor shall install surge protection devices for all RF cabling and wiring associated with the System and Project.
- G. The Vendor shall identify surge protection deficiencies at existing facilities, if any exist, and recommend changes to the County. In the event that the County does not choose to improve any noted surge protection deficiencies, the Vendor shall

take appropriate steps to protect the new equipment associated with the System and Project, including the inclusion of surge arresters in interfaces between equipment. All coaxial transmission lines to external antennas shall be protected using suitable flange mount (or bulkhead mount, where necessary) surge protectors equivalent to the PolyPhaser IS-50-NX-CI. Telephone lines shall be protected using gas tube protectors that comply with Telcordia GR-1361 specifications.

Section 6. New Microwave Network/Expansion

- A. The Vendor must install the new Microwave System and all of its components. The Vendor must also connect any new sites into the System with privately-owned microwave hops in the 6 GHz band. Any potential new site must also be evaluated on the basis of microwave connectivity to the next two closest sites, in a manner that will preserve the primary ring network currently in use in the Existing System. All new microwave hops should be fully compatible with the new Microwave System. It will be necessary for the Vendor to maintain a relationship with Alcatel-Lucent throughout the design, implementation and cutover phases. The Vendor must coordinate space for two microwave dishes on each existing tower and negotiate space on any new tower (if required), and space for microwave equipment in each existing shelter and any new shelter (if required) as needed to create the new network connections. The Vendor must also coordinate space on existing towers for the additional microwave dishes, and space in existing shelters for the additional equipment if necessary. If any new sites are integrated into the microwave loops, there may be no net increase in dishes or equipment at the existing sites, except for possible temporary duplication while the path is being re-aligned.
- B. The Vendor must create a detailed design for integration of new tower sites, if any, into the new Microwave System, including changes to existing hops to accommodate new sites inserted into the loops. A cutover plan approved by the County must be created to bring the new sites on-line without any interruptions of service. Temporary loss of redundant paths may be necessary, but the Vendor must provide details, if that is the case. The Vendor will be responsible for the licensing of any new microwave frequencies.

Section 7. Training

- A. The Vendor is responsible for all training described in this section.
- B. Training shall include a pre-installation session to identify all the System features to be programmed by the Vendor as well as maintenance training after installation and acceptance. The Vendor shall provide familiarization/maintenance training for all technical personnel during the equipment provisioning and installation phases of the Project. This training will ensure familiarization with the System of Project leaders and maintenance personnel from the County's staff.

- C. Training must be provided in the following manner:
- (i) Instructor led classes for the County's technical staff and trainers for the train the trainer program.
 - (ii) Access to updated web based training materials throughout the life of the System.
 - (iii) Support materials to provide in house training
- D. On-site training seminars shall be provided and shall include complete training, beginning with basic theory through comprehensive coverage of the operation and maintenance of the equipment supplied under the Agreement. The Vendor shall supply highly skilled instructing personnel (with extensive training and experience on the equipment supplied under the Agreement) and all necessary instructional materials. All manuals, schematics, and other printed materials shall become the property of the attendees.
- E. The training seminars shall include but not be limited to the following:
- (i) Distribution of training literature.
 - (ii) A presentation of the general communications equipment/system theory, configuration, and features.
 - (iii) A description of routine communications procedures, features, and functions with demonstrations and hands-on participation.
 - (iv) Training for maintenance and troubleshooting of all equipment provided.
 - (v) Field optimization, maintenance, and repair.
 - (vi) Instructions for depot level maintenance of equipment, circuit boards, modules, assemblies, etc.
 - (vii) Troubleshooting to the appropriate level, utilizing the County's test equipment provided by the Vendor as part of the procurement of the System.
 - (viii) Specific training on the simulcast system optimization equipment and procedures.
- F. Initial training must be scheduled to take place within two (2) weeks of initial deployment of the new equipment so that the personnel will retain the knowledge obtained. At the conclusion of the overall training program, there must be a performance based test to validate the effectiveness of the training. In addition, the Vendor must develop and provide a web-based training plan to facilitate ongoing re-training of County personnel as deemed necessary by the County. The Vendor shall submit training personnel resumes, a list of training classes, and references for prior customers who have been trained by the Vendor's training personnel. The County shall interview the Vendor's training team and shall mutually agree on the training package and the qualifications of the training personnel prior to the development and execution of the customized County training program. The Vendor shall provide additional information on all

applicable training classes for management, emergency responder and maintenance staff available at the Vendor's manufacturing facilities where appropriate.

- G. **Radio System Operational Training.** The Vendor shall provide on-site, customized System operational training for up to forty (40) members of the County's staff. Training shall include System orientation and familiarization that includes discussion and equipment demonstration. The Vendor shall provide a training schedule that correlates to the implementation schedule. The Vendor's highly skilled personnel, familiar with the same equipment as that being implemented, shall conduct the training. This training shall be designed for administrators, agency coordinators, and system managers that require a solid, high-level understanding of the System and all supporting infrastructure. The Vendor shall provide one (1) set of manuals per student plus an additional five (5) sets of manuals. All manuals shall be provided in an electronic version such as *.PDF format. Five (5) CD-ROM/DVD copies shall be supplied; provided, the County may in its sole discretion agree that such copies may be supplied in a different format. The Vendor's program shall include training in orientation, management, and operation of all equipment provided with the new System, and must address the following items:
- (i) Overview of the System, including:
 - 1. Basic operation of System, System components and responder equipment.
 - 2. Basic use of the portable and mobile radios.
 - (ii) Use of the System.
 - (iii) Use of diagnostic tools for the System.
 - (iv) Fleet mapping for the System.
 - (v) Database management and network administration for the System.
 - (vi) Use of the System's network control and management system/alarm monitoring.
 - (vii) Familiarization and orientation with the System's communication facilities.
 - (viii) System reporting and utilization analysis.
 - (ix) Interoperability of the System, including:
 - 1. Implementing interoperability functionality.
 - 2. Implementing interoperability functionality of the radio console.
- H. The training described in subsection G shall be designed so that, upon completion, a County technical staff member will be qualified to comprehend with respect to the System radio system management, the network and fallback design, and will be able to competently perform System diagnostics and operate the mobile and/or portable units. Instruction material must be included as a part of each course and shall become the property of the County.

- I. **Radio System Management Training.** The Vendor shall provide on-site System management training for up to five (5) members of the County's technical staff. Training shall include System orientation and familiarization that includes discussion and equipment demonstration. Ongoing training opportunities for new or updated components via internet or CD-based self-paced programs developed by the Vendor are also encouraged by the County. The Vendor shall provide on-site training in orientation, management, operation, and maintenance of all System management subsystems and associated network elements. The training shall include education on the theory of operation and practical administration and maintenance procedures for the entire System infrastructure and all systems and subsystems contained therein.
- J. With regard to training described in subsection I, the Vendor shall conduct comprehensive classroom operator training for the communications management personnel operating and administering the new System. This training shall be conducted in a classroom environment, using training aids, and a comprehensive model of the entire System. Training aids such as videos, System diagrams, training manuals showing working functionality, and a qualified instructor shall be available for these classes. There shall be handouts available for all attendees. Each student shall receive a customized system management training manual. In addition to the system management training manual, an electronic version such as *.PDF shall be provided. Twelve (12) hard copies and twelve (12) CD-ROM/DVD copies shall be supplied. The Vendor shall provide, in addition to the customized training plan and handout material, twelve (12) video DVD copies that will instruct a technical staff member on the operational functions and features of the radio System and the mobile and/or portable fleet. The course content shall include the following, at a minimum, for all network subsystems:
- (i) As-Built documentation structure, numbering system, and configuration control system.
 - (ii) Block diagram and System description.
 - (iii) System and radio programming and fleet mapping.
 - (iv) Use of software applications.
 - (v) Logging recorder configuration and management.
 - (vi) Database development, optimization, and management.
 - (vii) Client level maintenance.
- K. **Emergency Responder Training – Train the Trainer.** The Vendor shall develop and conduct training classes for County personnel to familiarize them with all the features and functionality of the new console system. The Vendor shall provide on-site, "Train the Trainer" type courses for the following categories of equipment if provided:
- (i) Radio consoles.
 - (ii) Mobile radios.
 - (iii) Portable radios.

- (iv) Alternative support systems and specialized equipment (if utilized)
- L. The training described in subsection K shall include System orientation and familiarization that includes theory of operation discussion and equipment demonstration. The training shall be designed so that, upon completion, each student will be qualified to train System emergency responders on the customized County operation of the specific equipment. For example, the student shall be qualified to train County first-responders and general government users on the operation of all provided mobiles and portables. The Vendor shall customize all "Train the Trainer" courses as reasonably required by the County in conjunction with the specific programming and configuration parameters utilized by the County. Training shall also include programming and installation of the mobile and portable equipment.
- M. With regard to training described in subsections K and L, the Vendor shall provide training for up to four (4) classes of thirty-five (35) students per class. The Vendor's highly skilled personnel shall conduct the training. Instructional material shall be included as parts of each course and will become the property of the County. These courses shall include the following topics:
 - (i) Implementing all features and functions of the radio.
 - (ii) Basic use of the portable and mobile radios.
 - (iii) Implementing interoperability functionality.
- N. Training aids such as videos, system diagrams, training manuals showing working functionality and a qualified instructor shall be available for the classes described in subsection M. The Vendor shall provide appropriate handouts for all attendees. The Vendor shall provide to each student a personal "Trainer's Guide" training manual. In addition to the "Trainer's Guide" training manual, the Vendor shall provide an electronic version such as *.PDF (Portable Document Format) readable with the Adobe Acrobat Reader software. The Vendor shall provide, in addition to the training plan, and handout material, five (5) video DVD copies that will instruct an emergency responder on the operational functions and features of all provided System mobile and portable radios; provided, the County may in its sole discretion agree that such copies may be supplied in a different format.
- O. **On-Site Radio Usage Training.** The County shall provide most of the on-site radio usage training through instructors trained under the Train the Trainer program described in subsections K through M. The Vendor will provide technical support through qualified personnel on site during periods of equipment rollout to ensure that all responders and other authorized radio users walk out the door confident in the use of the radios and the System. Such support will not be a training class, but rather a technical resource to answer specific questions and concerns that may arise upon rollout. The County trainers shall be responsible for taking the lead on initial and continued field training.

- P. **Ongoing Training.** In addition to the training provided in this section, the Vendor must develop and provide a web-based training plan to facilitate ongoing re-training of County personnel as deemed reasonably necessary by the County.

Section 8. NCMS Terminals

- A. The Vendor shall install six (6) NCMS terminals. The terminals shall consist of a keyboard, processor, software, 21 inch LCD or LED color display, all necessary interconnect cabling, and 120 VAC operation. The Vendor shall also provide two (2) color network printers. The master terminal and two others shall be installed at the master site, along with a network printer. Two other terminals and a printer shall be installed in the offices at the System maintenance facility. The final terminal shall be installed along with the redundant System control point.
- B. Each NCMS terminal installed under subsection A shall allow an operator at the terminal to perform at least the following typical tasks:
- (i) Inquire about the status of alarms.
 - (ii) Inquire and make changes to the priority level of assignments of any and all units in the System, such assignments to include those made on an individual basis, by user group, or both.
 - (iii) Inquire about dispatch call loading information. The NCMS terminal shall display the real time activity of the System controller and shall include, at a minimum, the following information:
 - 1. System configuration and management.
 - 2. System alarms.
 - 3. Specific working channels in current use.
 - 4. Specific working channels available for use.
 - 5. Specific channel being used as trunking control/signaling channel.
 - 6. Working channels removed from operation by the NCMS.

Section 9. System Database

- A. The System management function shall be capable of partitioning the database such that different managers have access to and control over the units and groups for which they have been authorized. The System must have messages that include caller ID, start of call, end of call, call transmitter location, transmitter outage, etc. The System must include equipment that causes all of these messages to be recorded, maintained and stored in a database (the Message Database) with three (3) years system message capacity information. The equipment associated with the Message Database must include a ready and reliable means for efficiently searching and retrieving the stored messages.
- B. The System must include equipment that creates, manages and maintains a database that simultaneously records, stores and updates System user profiles,

such as user group access, priority levels, dynamic regrouping plans, authorization codes, call statistics, traffic recordings for each radio, talk group, fleet map and agency, etc. (the System Database). The equipment associated with the System Database must include a ready and reliable means for efficiently searching and retrieving the stored information therein.

- C. The equipment that creates, manages and maintains the System Database must be configured so that whenever a field unit is turned on and the unit is within RF coverage range of the System, the unit's discrete address and user group selection is recorded into the System Database. The configuration of the System Database must permit user defined sorting of calls by units, groups, time of day, duration of call, channel, site, and priority. The System Database must be configured so as to continuously record and back up the data it receives in real time. The backup of the System Database must be configured to function as a "fault tolerant" database that is automatically kept current. The System Database must be configured such that, if a failure occurs with the primary System Database; the backup System Database shall automatically be activated for System access with no drop in service. The System Database must have sufficient capacity to store all System profiles, as well as the capacity to store a minimum of one (1) month of System activity for report generation. The System Database must be configured such that every twenty-four (24) hours it is automatically backed up and stored on devices external to the trunked control system, such as a hard drive or a LAN.
- D. The System manager workstation shall include a primary and redundant online data logger with sufficient memory to store one (1) week of data from the trunked System under maximum System loading. The redundant, real-time data logger shall be configured to automatically go "online" in the event the primary data logger fails. The Vendor shall provide a means of transferring and recalling this data to and from off-line, quasi-permanent storage media (the Storage Media). The County intends to retain the Storage Media for a period of ninety (90) days, and the System must be equipped and configured to accomplish this.

Section 10. System Diagnostics

- A. The Vendor shall provide and install sufficient hardware and software to monitor and test the trunked radio system (the Diagnostic System). The Vendor shall cause the Diagnostic System to be configured so that it continuously tests all RF repeater stations, site controllers, and other critical hardware and software functions. Should any abnormalities be found during a test sequence, the Diagnostic System must cause the abnormality to be logged.
- B. Typical alarms to be displayed by the NMCS from the Diagnostic System shall include, but not be limited to the following:
 - (i) Radio equipment alarms from the P25 repeaters and controllers.
 - (ii) Power system alarms including UPS, batteries, generators, etc.

- (iii) Microwave system alarms and dehydrator alarms.
 - (iv) Site alarms like entry, temperature, smoke, HVAC failure.
- C. At a minimum, the information logged by the Diagnostic System as required under subsection A shall include the type of problem encountered, the date and time, and the channel(s) or equipment where the problem occurred. Additionally, the Diagnostic System shall activate audible and visible alarms to notify the System supervisor of the problem. If a failure results in a loss of transmitter power or high VSWR on a repeater station, combiner, or antenna system, the System controller must be configured so that it automatically removes the affected repeater station from the System until such time that the fault is corrected. If interference is received on a radio channel, the System controller must be configured so that it automatically removes that channel and associated receivers from the system until such time that the fault is corrected. When a repeater station or a radio channel is removed from service, the Diagnostic System must be configured so that it sends an immediate alarm to the System supervisor. The NCMS alarming subsystem shall be capable of expansion with additional alarms in the future as needed by the County.

Section 11. Mobile and Portable Equipment

- A. All mobile and/or portable equipment supplied by the Vendor shall have been independently tested for compliance to the published MILSTD 810 C, D, E, and F standards for temperature, shock, humidity, vibration, salt, fog, dust, blowing rain and, where appropriate, water submersion. The Vendor shall provide authenticated inspection and factory test documentation for all equipment supplied, showing that the equipment meets the specifications. All mobile and portable accessories must be standardized to the greatest extent possible to simplify maintenance and reduce spare parts inventories. All mobile and portables shall be capable of performing all functions and features of the System. All mobile and portable equipment must be capable of operating in the 700 MHz and 800 MHz bands.
- B. **Mobile Installations.**
 - (i) The Vendor shall install all mobile radio equipment for the System in accordance with the requirements of this subsection B.
 - (ii) The Vendor shall cause all mobile equipment installations to take place within the County. The Vendor shall perform a sample installation of mobile equipment on each of the various types of vehicles in which mobile equipment will be operated. The sample installations shall be modified as necessary and approved by the County before additional mobile equipment is installed. All mobile radio installations shall include an optional power-down timer switch that turns the radio off after a selectable time limit. Time shall be variable between 30 minutes to three

hours. The timer shall be reset when the vehicle ignition switch is activated.

- (iii) The Vendor shall coordinate with the County to establish a work area and other necessary facilities for mobile equipment installations, vehicle availability, and a detailed schedule. Both positive and negative high-current power cables shall be run directly to the vehicle battery or power distribution point to ensure a noise-free installation. Installation of mobile equipment shall minimize the exposure to and possibility of damage due to abuse, vandalism, and theft. Theft-resistant fasteners and mountings shall be used when necessary. Cables shall be run in hidden and protected spaces to the degree possible. New microphone holders in vehicles shall be located in a position convenient to the driver; exact locations shall be coordinated with Clay County for each type of vehicle.
- (iv) The Vendor will remove all existing legacy radios, wiring harnesses, speakers, and other mounting accessories and replace them with the new components. As part of the mobile installation, the Vendor shall reconnect all existing subordinate systems in the vehicles, such as communication systems for headsets. For any motorcycle operations, the Vendor will include a "quick-disconnect" interface for the officer to disconnect from the standard motorcycle radio and the ability to plug in directly into his/her portable radio without the need to remove his/her motorcycle safety helmet. This will ensure that the officer will always remain in radio contact during the officer's time away from the motorcycle without the need to remove the helmet for radio communications. Mobile antennas and antenna cables shall be installed on all types of County vehicles. Installations shall be in accordance with the mobile radio installation plans schedule, as proposed by the Vendor and approved by the County. The Vendor shall exercise care to ensure compliance with the manufacturer's installation instructions as previously noted.
- (v) Each mobile radio and the installation thereof must include the following:
 - 1. 3db gain operational across the entire 763-862 MHz frequency range per current FCC requirements.
 - 2. NMO style base with 17' of Teflex coax or its equivalent.
 - 3. All required mounting hardware, accessories, and appropriate coax connector.

C. **Portable Radios.** All portable radios provided by the Vendor for the System shall be equipped with a top display, desktop-style battery charger and/or in-vehicle charger, a spare battery of the same type and duty cycle rating as the primary battery provided with the radio, and a standard belt clip. All portable radios shall be equipped standard with a ½ wavelength whip style antenna and be

operational across the entire 763-862 MHz frequency range per current FCC requirements. Portable radios shall be capable of operation in the following modes:

- (i) P25 12.5 kHz FDMA trunked mode;
- (ii) 12.5 kHz TDMA trunked mode;
- (iii) P25 12.5 kHz FDMA conventional mode; and,
- (iv) 12.5 kHz analog FM mode in the 700/800 MHz public safety band.

Section 12. System Performance Standards. The System Performance Standards contemplated in the Agreement are the requirements for the System set forth in this section.

- A. The coverage reliability requirement for the System applies to both the area coverage reliability and the in-building coverage reliability. The area coverage reliability requirement is such that the System must meet the DAQ 3.4 performance requirement for portable radios worn at hip level in 97% of the entire area located within territorial boundaries of the County (the Service Area). **This means that the System must perform so that 97% of the Service Area shall exhibit the specified coverage resulting in a DAQ 3.4.** The in-building coverage reliability requirement is such that the System must meet the DAQ 3.4 performance requirement for portable radios worn at hip level in 100% of the buildings identified in Appendix H of the RFP. **This means that the System must perform so that 100% of said buildings shall exhibit the specified coverage resulting in a DAQ 3.4.**
- B. **Portable Radio Coverage.** The Vendor shall design and operate the System to achieve portable radio coverage on-street with the portable radio and antenna worn at hip level (1m AGL) throughout the Service Area. The Vendor's System design and coverage acceptance testing configuration shall be conducted with the radio and antenna at hip level using a microphone without a microphone antenna. Because of the variety of methods for hip mounting and portable carrying cases, the System must be designed based on a swivel case on the hip, consistent with the 88.1-D TSB-88.1-D recommendation for the "worst case" carrying device. The example below is based on a portable in a swivel case with a ¼ wave antenna per TSB-88.1-D and was clarified that it was just an example.

		Running Total
Reference Sensitivity	-119 dBm	-119 dBm
Static C/N	-7.6 dB	-126.6 dBm
Faded C/N for DAQ 3.4	17.7 dB	-108.9 dBm
Swivel Clip Carrying Case	15.4 dB	-94 dBm
Building Attenuation	12 dB	-82 dBm

Motorola's design is based on a portable in a swivel case at hip level with a ½ wave flex antenna which was detailed in the proposal response. The street level for the acceptance test plan is as noted in the table below -99.4 dbm.

		Running Total
Reference Sensitivity	-118.5 dBm	-118.5 dBm
Static C/N	-6.5 dB	-125.0 dBm
Faded C/N for DAQ 3.4	17.0 dB	-108.0 dBm
Swivel Clip Carrying Case	8.6 dB	-99.4 dBm

- C. The System Performance Standards include all requirements for the System set forth in Section 6 of the RFP to the extent not addressed in subsections A and B.
- D. Compliance with these System Performance Standards will be established by the Vendor successfully completing the tests set forth in the Acceptance Test Plan (Exhibit B).

Section 13. Single Point Failure Modes/Equipment Redundancy

- A. The Vendor shall design the System so as to prevent a loss of trunked communications due to any single point failure within the System. The Vendor shall define all single point failure modes that will cause the System to be degraded into modes of Catastrophic Failure, as that term is defined in the Acceptance Test Plan attached to the Agreement as Exhibit B, or an operational mode that degrades System functionality. If System modifications must be made to prevent these failures, the Vendor shall make such modifications at no cost to Clay County. During the Acceptance Testing phase, if the County can remove a single module or disconnect a single cable that causes such a Catastrophic Failure, the System shall not be accepted until the Vendor corrects the failed configuration. Any subsystems shall be considered in this evaluation. Redundancy shall be employed for all System elements whose failure would result in such a Catastrophic Failure of the System, or constitute a single point of failure of the entire System. As necessary, a suggested list follows:
 - (i) System Controllers.
 - (ii) The fixed end control equipment for the System will be located at the Clay County Sheriff's Office and Clay County Fire Rescue as provided in Section 4.F.
 - (iii) The geo-redundant prime sites for the System shall be at the locations described in paragraph (ii) above.
 - (iv) The System controllers, any radio frequency gateway devices, and other computer-based fixed end equipment shall be fully redundant and automatically protected against failure using either hot-standby switch-over or a fault-tolerant, multi-processor architecture.
 - (v) The System controller shall maintain 100 percent functionality in the event of the failure of one of its redundant elements.

- B. The System must feature fault tolerant design to ensure that the performance and capacity of the controllers are not reduced by more than ten (10) percent during the failure of any single processor.

Section 14. Project Schedule and Timetable

- A. Upon the County's approval, the Vendor shall prepare and submit a schedule for the Project (the Project Schedule) and Gantt chart (the Gantt Chart) including, at a minimum, the following tasks:
 - (i) Completion of System design review.
 - (ii) Training of the technicians responsible for System maintenance.
 - (iii) System staging completed.
 - (iv) Completion of infrastructure installations at end locations.
 - (v) Infrastructure acceptance testing successfully completed.
 - (vi) Coverage testing successfully completed.
 - (vii) Test documentation submitted to the County.
 - (viii) Initial portable and mobile fleet of non-public safety user training and portable and mobile installation completed.
 - (ix) 60-day operational test successfully completed.
 - (x) System infrastructure accepted and applicable warranty periods begin.
 - (xi) Completion of transitioning the remaining County agencies to the System.
 - (xii) Project completion.
- B. The Project Schedule shall clearly identify tasks to be performed by both the County and the Vendor. The Project timeline as reflected in the Project Schedule and the Gantt Chart shall include important milestones and logical breakpoints by which the County and the Vendor shall assess the progress to date, and prepare for the remaining project tasks.

Section 15. Tower Upgrade and Modification

- A. For purposes of this section, the following terms shall have the meanings attributed thereto unless the context clearly indicates a different meaning:
 - (i) "Keystone Tower Plans" means the 13 page document entitled "Modification to Existing 480'± Guyed Tower Keystone Site for Motorola Solutions" prepared by Pate Engineering, Inc., of Tampa, Florida, signed and sealed on August 24, 2016, and bearing Job Number 16-141B, a copy of which is attached to this Statement of Work as Addendum No. 1.
 - (ii) "Sleepy Hollow Tower Plans" means the 10 page document entitled "Modification to Existing 480'± Guyed Tower Sleepy Hollow Site for Motorola Solutions" prepared by Pate Engineering, Inc., of Tampa, Florida, signed and sealed on August 24, 2016, and bearing Job Number

16-141A, a copy of which is attached to this Statement of Work as Addendum No. 2.

- (iii) “Nudd Report” means the 83 page document regarding the Long Bay Tower located at N 30.0952875, W 81.8596902, entitled “Structural Analysis of Existing 480 ft Guyed Tower Considering Various Configurations of Existing and Proposed Wireless Equipment”, including the several documents attached thereto, prepared by Fred A. Nudd Corporation of Ontario, New York, signed and sealed on June 13, 2016, and bearing Job Number 116-21012 and providing that the upgrading of the Long Bay Tower consists of the following: (i) Replace guy wire at 210 ft with new 9/16” diameter EHS wires tensioned to 10% of their ultimate breaking strength and (ii) Replace guy wire at 470 ft with new 9/16” diameter EHS wires tensioned to 10% of their ultimate breaking strength. The Nudd Report is incorporated by reference herein.
 - (iv) “Tower Upgrade and Modification Projects” means the upgrade and modification of the Keystone Tower in accordance with the Keystone Tower Plans, the upgrade and modification of the Sleepy Hollow Tower in accordance with the Sleepy Hollow Tower Plans, and the upgrade of the Long Bay Tower in accordance with the Nudd Report.
- B. The Vendor shall undertake and complete the Tower Upgrade and Modification Projects and shall do so in accordance with the terms set forth in Vendor’s August 16, 2016 proposals for such work.
- C. The Project Schedule and the Gantt Chart, provided for in Section 14 above, shall include the Tower Upgrade and Modification Projects.

Section 16. Keystone Tower Remediation

- A. For purposes of this section, the following terms shall have the meanings attributed thereto unless the context clearly indicates a different meaning:
- (i) “Keystone Tower Remediation Plans” means the 14 page document entitled “Modification to Existing 480’± Guyed Tower Keystone Site for Motorola Solutions” prepared by Pate Engineering, Inc., of Tampa, Florida, dated November 23, 2016, bearing Job Number 16-141B, and to be signed and sealed before commencement of work, a copy of which is attached to this Statement of Work as Addendum No. 3.
 - (ii) “Keystone Tower Remediation Project” means the remediation of the Keystone Tower in accordance with the Keystone Tower Remediation Plans.

- B. The Vendor shall undertake and complete the Keystone Tower Remediation Project and shall do so in accordance with the terms set forth in Vendor's December 6, 2016 proposal for such work. Further, upon completion of such work, specifically proper completion of the tower modifications shown on the Keystone Tower Remediation plans and the changing of the tower loading to the final configuration required by the remediation plans, Vendor shall confirm that the tower meets the requirements of ANSI/TIA-222-G-2 and the Florida Building Code 5th Edition (2014) for the criteria shown on the Keystone Tower Remediation Plans as represented in Pate Engineering Inc.'s December 19, 2016 correspondence to Vendor, attached to this Statement of Work as Addendum No. 4.
- C. The Project Schedule and the Gantt Chart, provided for in Section 14 above, shall include the Keystone Tower Remediation Project.

[End of Statement of Work]

Addendum No. 1
[Keystone Tower Plans]



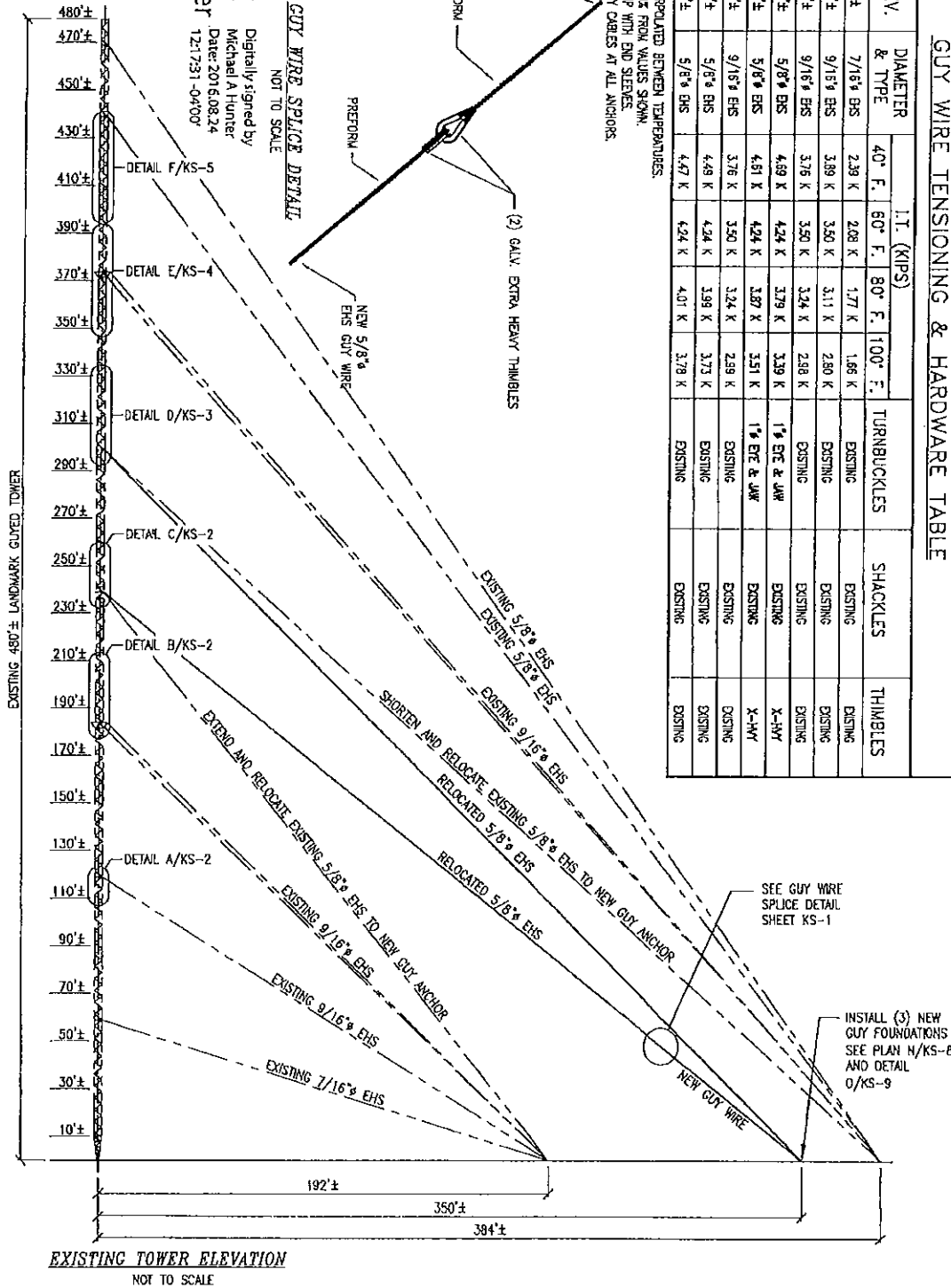
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY
MICHAEL A. HUNTER, PE (FLORIDA PE #58068) ON 8/24/2016
USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT
ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE
MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Michael
A Hunter

Digitally signed by
Michael A Hunter
Date: 2016.08.24
12:17:31 -0400

GUY WIRE SPICE DETAIL

NOT TO SCALE



GUY WIRE TENSIONING & HARDWARE TABLE

BREAKING STRENGTH	GUY LEVEL	ELEV. & TYPE	T. (KIPS)				TURNBUCKLES	SHACKLES	THIMBLES
			40' F.	60' F.	80' F.	100' F.			
20.4 K	1	60' ± 7/16" EHS	2.39 K	2.08 K	1.77 K	1.66 K	EXISTING	EXISTING	EXISTING
35.0 K	2	100' ± 9/16" EHS	3.89 K	3.50 K	3.11 K	2.80 K	EXISTING	EXISTING	EXISTING
35.0 K	3	185' ± 9/16" EHS	3.76 K	3.50 K	3.24 K	2.98 K	EXISTING	EXISTING	EXISTING
42.4 K	4	240' ± 5/8" EHS	4.89 K	4.24 K	3.79 K	3.39 K	EXISTING	EXISTING	EXISTING
42.4 K	5	300' ± 5/8" EHS	4.81 K	4.24 K	3.87 K	3.51 K	1" EYE & JAW	EXISTING	X-MAY
35.0 K	6	375' ± 9/16" EHS	3.76 K	3.50 K	3.24 K	2.99 K	EXISTING	EXISTING	EXISTING
42.4 K	7	440' ± 5/8" EHS	4.49 K	4.24 K	3.99 K	3.73 K	EXISTING	EXISTING	EXISTING
42.4 K	8	470' ± 5/8" EHS	4.47 K	4.24 K	4.01 K	3.78 K	EXISTING	EXISTING	EXISTING

NOTE: (1) GUY TENSIONS MAY BE INTERPOLATED BETWEEN TEMPERATURES.

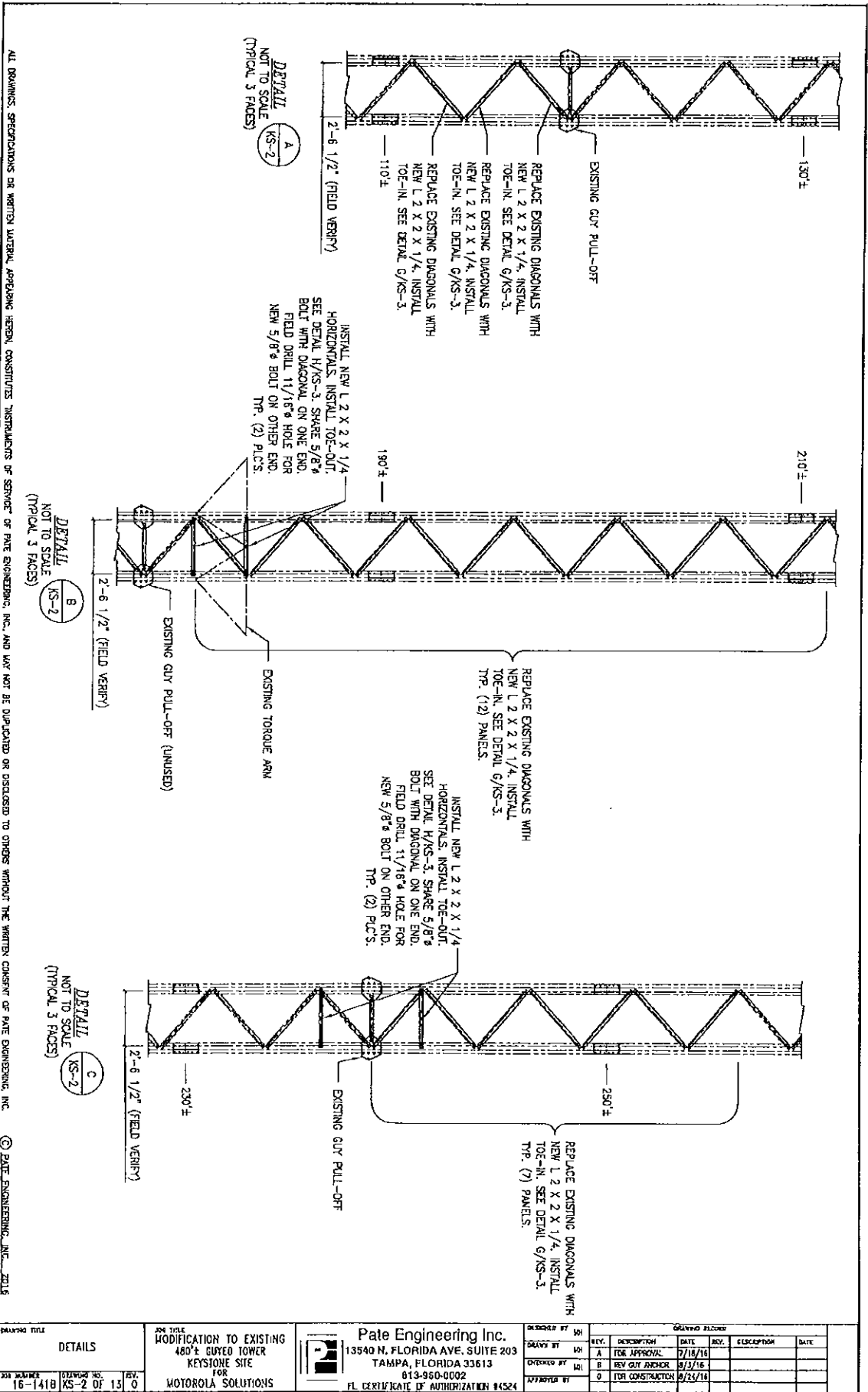
(2) GUY TENSIONS MAY VARY 10% FROM VALUES SHOWN.

(3) INSTALL GUINCHED BIG-Grip WITH END STIFFENERS.

(4) PROVIDE TURNBUCKLE SAFETY CABLES AT ALL ANCHORS.

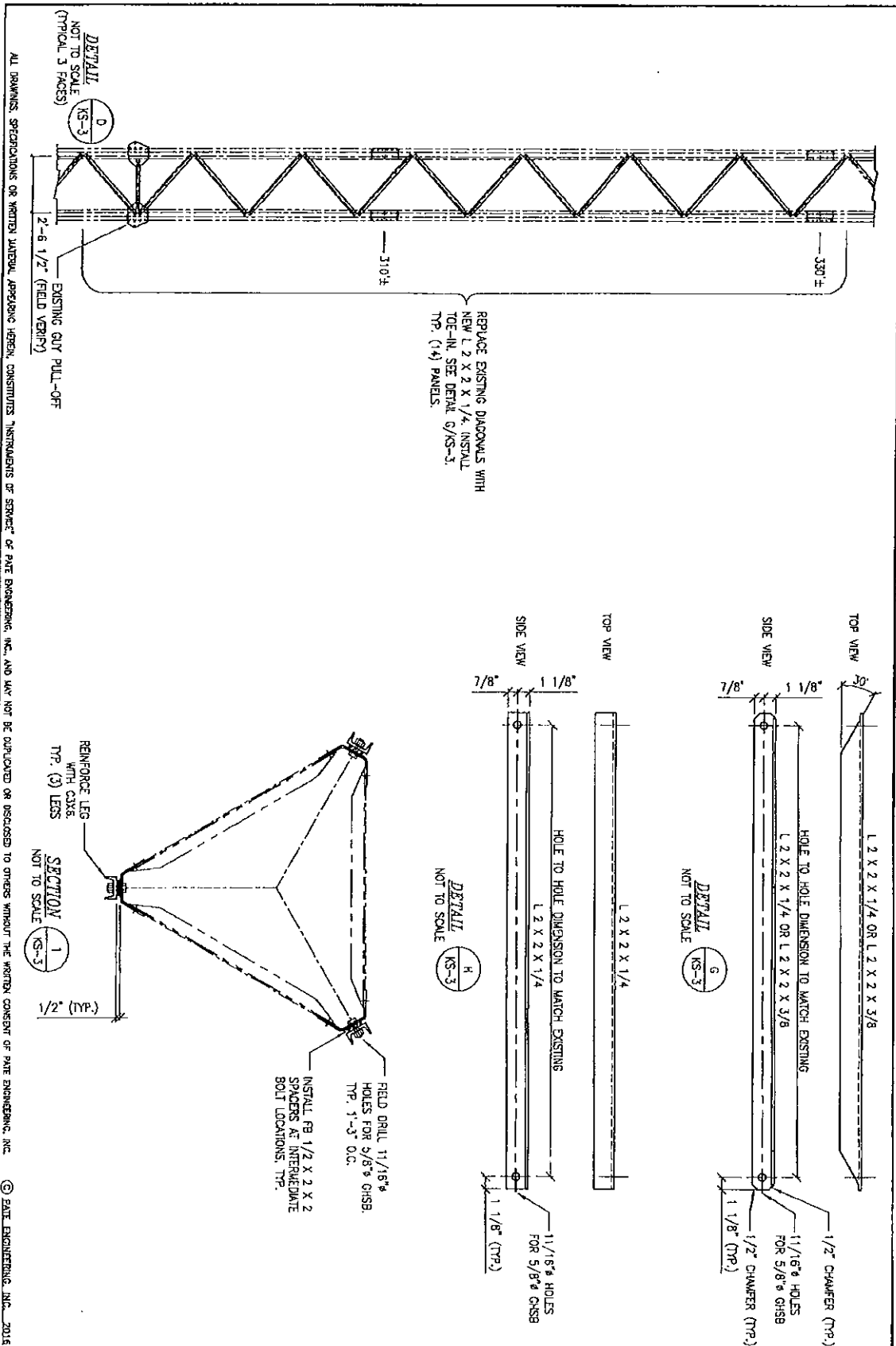
ALL DIMENSIONS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016


GENERAL INFORMATION			PATE ENGINEERING INC.			DRAWING RECORD		
PROJECT NO.	16-141B	KS-1 OF 13	DATE	8/24/16	FL. CERTIFICATE OF AUTHORIZATION #4524	REV.	DESCRIPTION	DATE
DESCRIPTION	MODIFICATION TO EXISTING 480' ± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS					A	FOR APPROVAL	7/18/16
DESIGNED BY	MICHAEL A. HUNTER					B	REV GUY ANCHOR	8/3/16
CHECKED BY	MICHAEL A. HUNTER					C	FOR CONSTRUCTION	8/24/16



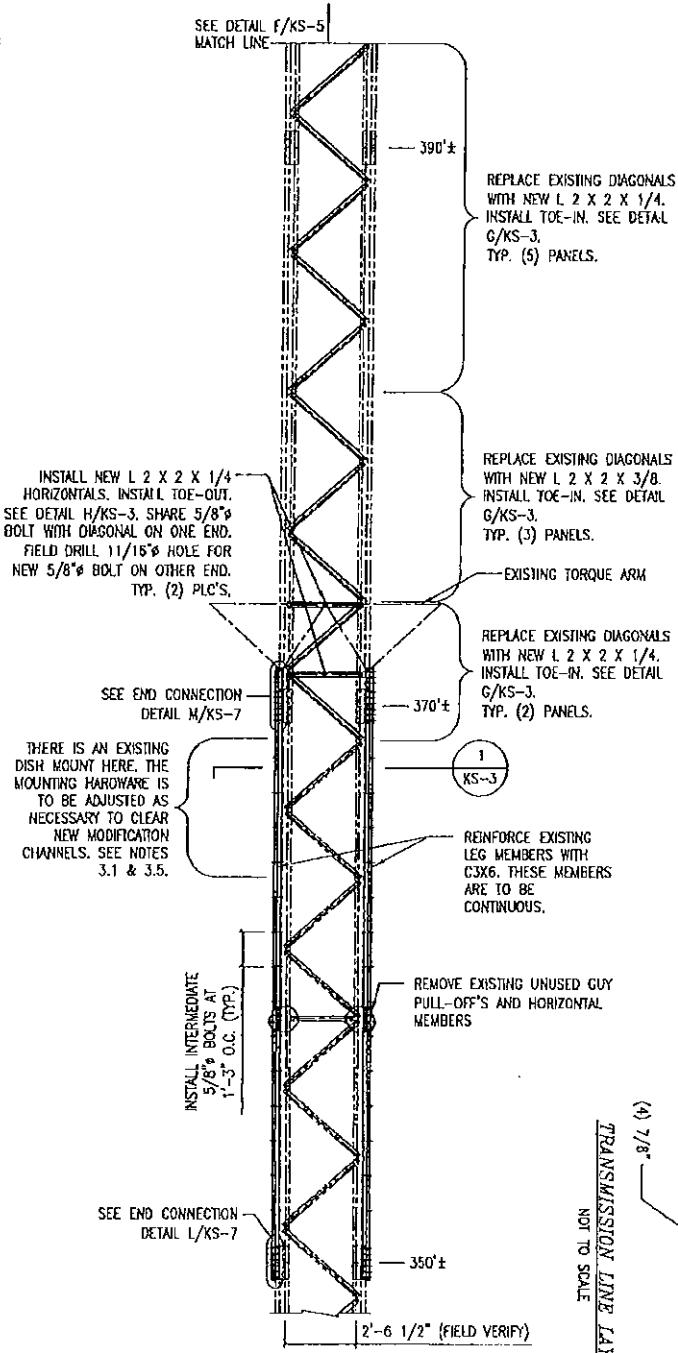
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		REVISIONS			
DETAILS		MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		REV.	DESCRIPTION	DATE	REV.
JOB NUMBER 16-1418	DRAWING NO. KS-2 OF 13	REV.	O	DRAWN BY LOI	CHECKED BY LOI	A	FOR APPROVAL	7/16/16	
						B	REV GUY ANCHOR	8/3/16	
						C	FOR CONSTRUCTION	8/23/16	

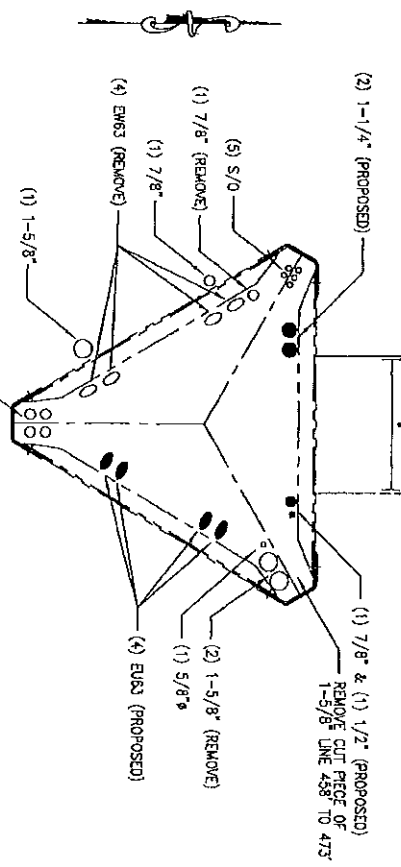


DRAWING TITLE				JOB TITLE				DESIGNED BY				REVIEW RECORD			
DETAILS				MODIFICATION TO EXISTING 480' & GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS				 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #1524				REVISIONS			
JOB NUMBER 15-1418				DETAILS NO. KS-3 OF 13				REV. 0				DATE			
								DRAWN BY KH				REV. 1			
								CHECKED BY KH				DATE 7/18/16			
								APPROVED BY O				REV. 1			
												DATE 8/2/16			

ALL DRAWINGS SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREON CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2015

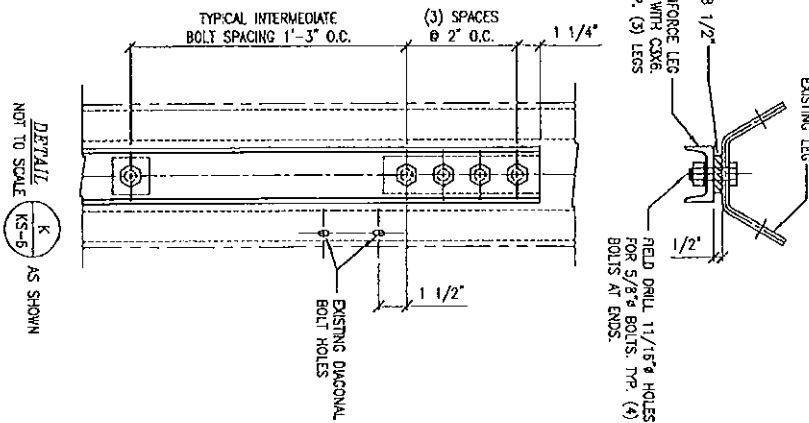
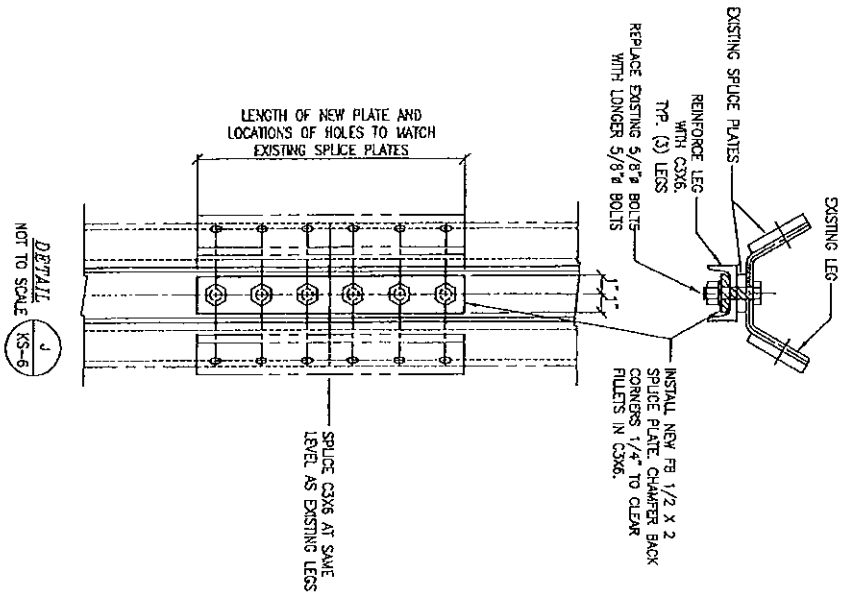


DETAIL E
KS-4
NOT TO SCALE
(TYPICAL 3 FACES)



DRAWING TITLE			JOB TITLE		DESIGNED BY		DRAWING RECORD			
DETAILS			MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		SK	SK	REV.	DESCRIPTION	DATE	REV.
16-1418			KS-4 OF 13		0	0	A	FOR APPROVAL	7/19/16	
							B	REV OUT AND/OR	8/3/16	
							C	FOR CONSTRUCTION	8/24/16	

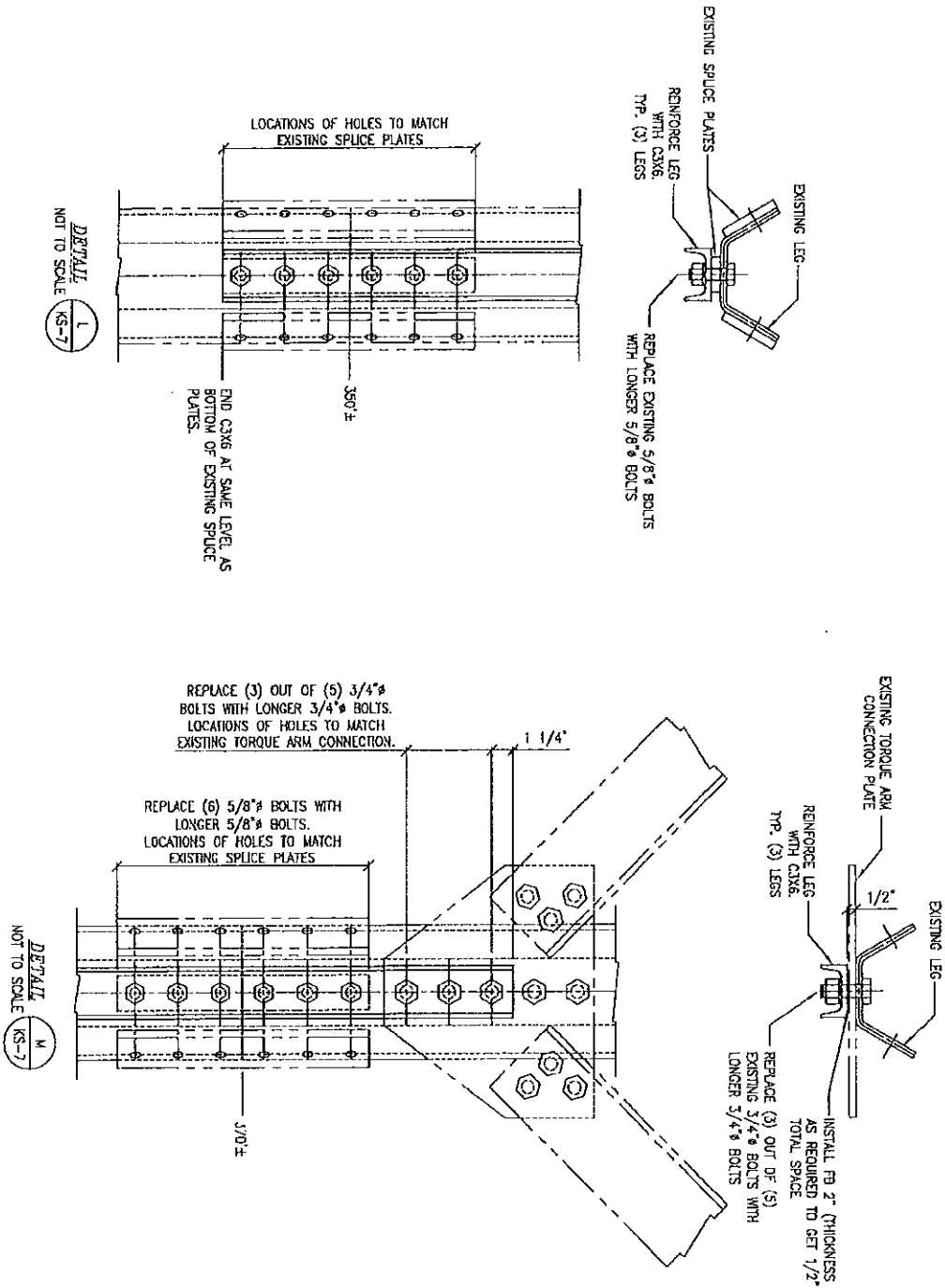
Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION 14524



ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC.

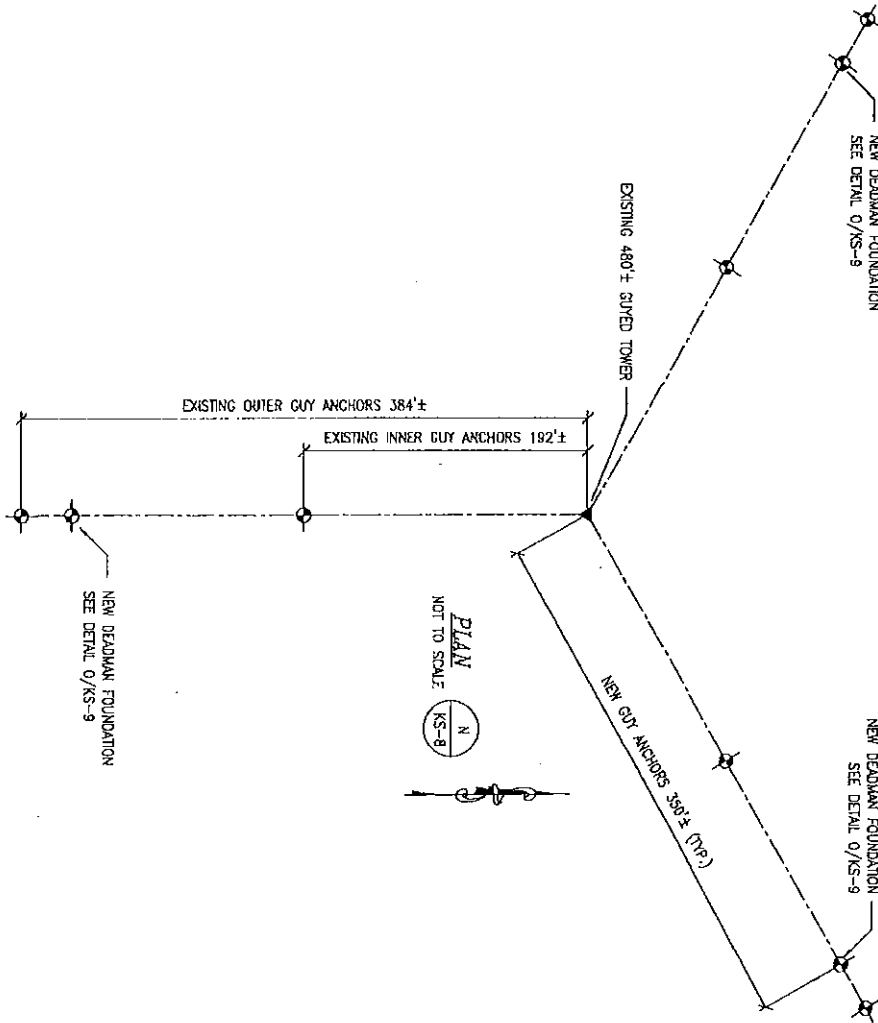
DRAWING TITLE DETAILS		JOB TITLE MODIFICATION TO EXISTING 480 ± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4324		DESIGNED BY: UN DRAWN BY: UN CHECKED BY: UN APPROVED BY:		DATE: 7/18/16 DATE: 8/2/16 DATE: 8/24/16			
---------------------------------	--	---	--	---	--	---	--	--	--	--	--


ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES "INSTRUMENTS OF SERVICE" OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016



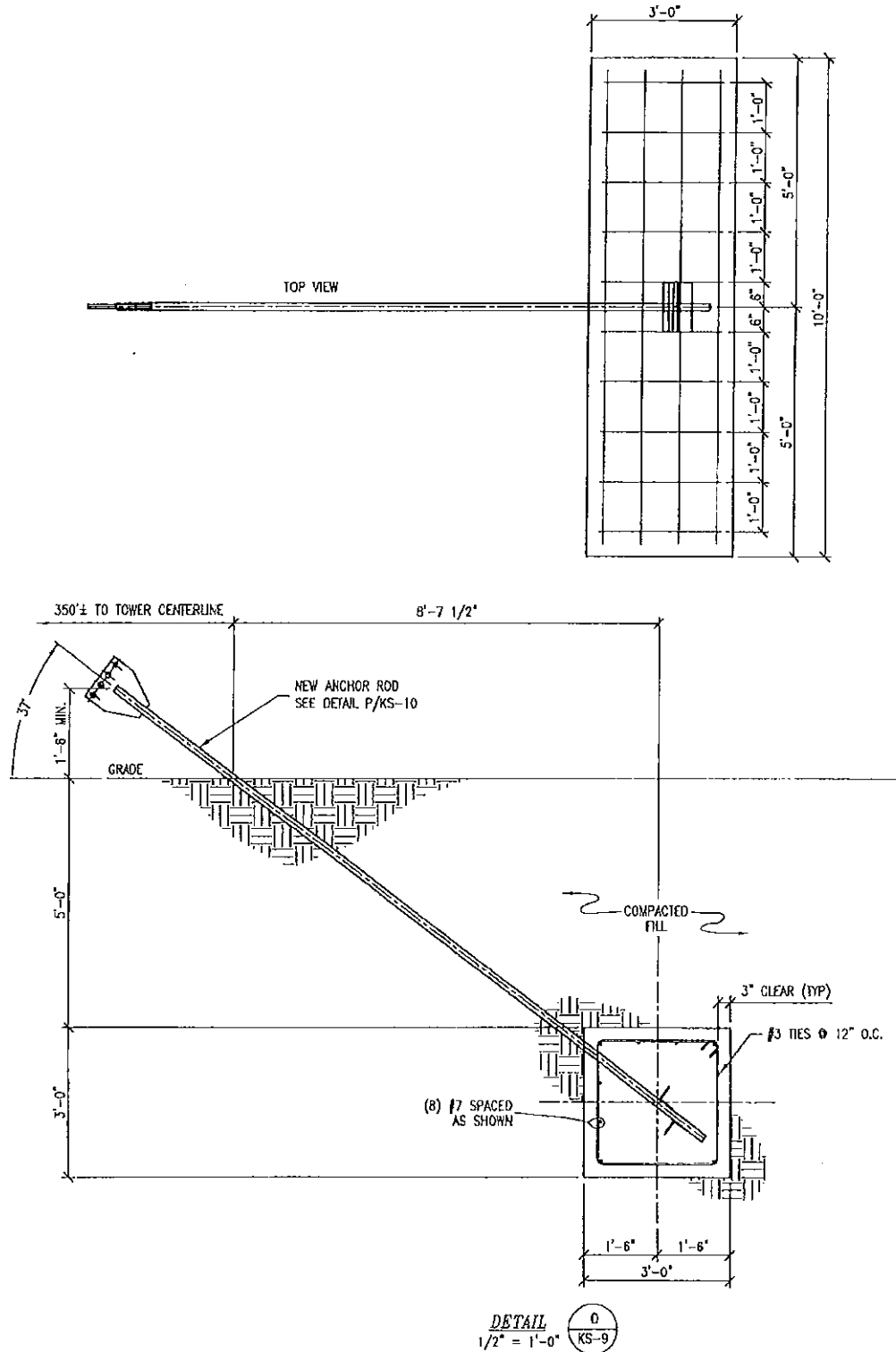
DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		DESIGNED BY		DRAWING REVISION	
DETAILS		MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-860-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DATE		DATE	
JOB NUMBER		DRAWING NO.		APPROVED BY		REV.		REV.	
16-141B		KS-7 OF 13		DATE		A		FOR APPROVAL	
						B		REV. CHG. AND/OR	
						C		FOR CONSTRUCTION	

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, PREPARED HEREON, CONSTITUTES INSTRUCTIONS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015



DRAWING TITLE			JOB TITLE			Pate Engineering Inc.			DESIGNED BY		JH		REVISIONS			
PLAN			MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR			 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION 14524			DRAWN BY		JH		REV. DESCRIPTION DATE		REV. DESCRIPTION DATE	
16-1418			KS-8 OF 13						CHECKED BY		JH		A FOR APPROVAL 7/7/18		B REV QTY AMEND 6/3/18	
16-1418			KS-8 OF 13						APPROVED BY		D		FOR CONSTRUCTION 5/21/18			
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													
16-1418			KS-8 OF 13													

ALL DRAWINGS SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

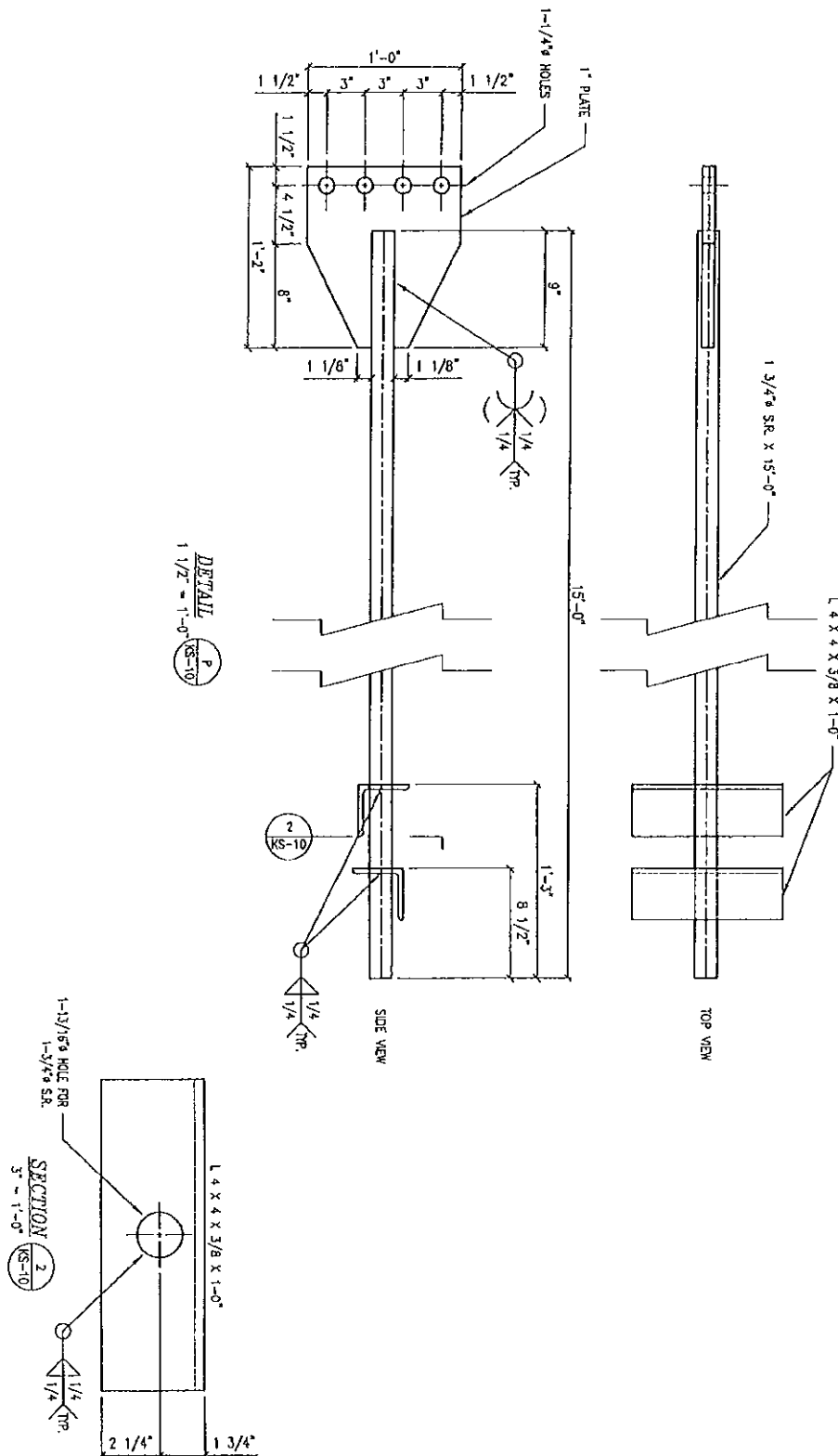


DRAWING TITLE			JOB TITLE			DESIGNED BY			CHECKED BY			APPROVED BY		
FOUNDATION DETAIL			MODIFICATION TO EXISTING 480' ± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS			WH			WH			WH		
REV. 0			REV. 0			A			B			C		
DATE 7/18/14			DATE 9/3/14			DATE 8/24/14			DATE			DATE		
DESCRIPTION FOR APPROVAL			DESCRIPTION FOR APPROVAL			DESCRIPTION FOR APPROVAL			DESCRIPTION FOR APPROVAL			DESCRIPTION FOR APPROVAL		
DATE 7/18/14			DATE 9/3/14			DATE 8/24/14			DATE			DATE		
DESCRIPTION FOR APPROVAL			DESCRIPTION FOR APPROVAL			DESCRIPTION FOR APPROVAL			DESCRIPTION FOR APPROVAL			DESCRIPTION FOR APPROVAL		
DATE 7/18/14			DATE 9/3/14			DATE 8/24/14			DATE			DATE		



Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PALE ENGINEERING, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PALE ENGINEERING, INC. © PALE ENGINEERING, INC., 2016



DRAWING TITLE				DESIGNED BY				DESIGN RECORD			
DETAILS				UN				UN			
JOB NUMBER				REV.				DATE			
18-141B				A				7/16/16			
DRAWING NO.				B				REV. BY ANKER			
KS-10 OF 13				UN				8/3/16			
REV.				C				FOR CONSTRUCTION			
0				UN				8/24/16			

JOB TITLE
MODIFICATION TO EXISTING
480' E. GUYED TOWER
KEYSTONE SITE
FOR
MOTOROLA SOLUTIONS

Pale Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

GUY ANCHOR DRILLED PIER DESIGN CRITERIA

LATERAL = 31.9 KIPS
UP/LIFT = 23.9 KIPS

FOUNDATION NOTES

MATERIALS

CONCRETE $f'_c = 3,000$ PSI @ 28 DAYS
REINFORCING STEEL ASTM A-615 GRADE 60

NOTES:

- 1.1 CONCRETE SHALL BE DESIGNED, DETAILED, PRODUCED AND PLACED AS PROVIDED FOR IN ACI STANDARD 318, LATEST EDITION, "BUILDING CODE REQUIREMENT FOR STRUCTURAL CONCRETE AND ACI STANDARD 301, LATEST EDITION, "SPECIFICATIONS FOR STRUCTURAL CONCRETE."
- 1.2 REINFORCING STEEL SHALL BE HANDLED, CUT AND PLACED AS PROVIDED FOR IN THE MANUAL OF STANDARD PRACTICE, CRSI.
- 1.3 PAINT ANCHORS RODS IN CONTACT WITH SOIL TO 6" ABOVE GRADE WITH TWO (2) COATS OF BITUMINOUS PAINT PRIOR TO BACKFILLING.
- 1.4 GROUNDING CONDUITS, LINES, ETC. SHALL BE RELOCATED AS NECESSARY TO CLEAR THE NEW STRUCTURE. GROUNDING SHALL BE MAINTAINED AT ALL TIMES. PROVIDE PROTECTIVE GROUNDING IN ACCORDANCE WITH TH-222-6, OR OWNERS SPECIFICATIONS.
- 1.5 WHERE FIELD WORK IS CARRIED OUT NEAR THE TOWER AND OTHER STRUCTURES, EXTREME CARE SHALL BE EXERCISED TO PREVENT DAMAGE.
- 1.6 EXTREME CARE SHALL BE EXERCISED WHEN EXCAVATING FOR NEW ANCHORS. TO PREVENT DAMAGE TO EXISTING GUY WIRES OVERHEAD.
- 1.7 IF NECESSARY TO MOVE FENCES OR OTHER ITEMS, OR DISTURB THE GROUND, THEY SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
- 1.8 THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING. ANY PROBLEMS WITH ACCESS, INTERFERENCE, PROPERTY LINES, ETC. SHALL BE RESOLVED PRIOR TO MOVING ONTO THE JOB SITE. UNDERGROUND UTILITIES SHALL BE LOCATED PRIOR TO BEGINNING WORK. NO EXTRA WILL BE CONSIDERED FOR THESE CONDITIONS.
- 1.9 THE CONTRACTOR MUST COORDINATE THE WORK AND COOPERATE WITH THE TOWER OWNER PRIOR TO MOVING INTO THE SITE.
- 1.10 ALL CONSTRUCTION PROCEDURES SHALL MEET THE REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS TO PROTECT PERSONNEL.
- 1.11 COMPACT BACKFILL IN 6" LIFTS WITH POWERED HAND TAMPER.
- 1.12 THE CONTRACTOR SHALL OBTAIN CONCRETE TEST CYLINDERS FROM EACH ANCHOR FOUNDATION. FURNISH COPIES OF THE TEST RESULTS TO THE ENGINEER FOR THE SEVEN (7) DAY BREAK AND TWENTY- EIGHT (28) DAY BREAK.
- 1.13 THE CONTRACTOR MUST ANTICIPATE THE PRESENCE OF LOOSE SOIL MATERIALS AND GROUNDWATER.
- 1.14 THE ANCHOR FOUNDATIONS HAVE BEEN DESIGNED ACCORDING TO THE GEOTECHNICAL EXPLORATION BY AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC., PROJECT NO. 6166-18-0181, DATED 7/29/2016. A COPY OF THE REPORT CAN BE OBTAINED FROM THE CLIENT.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREON, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC.

© PATE ENGINEERING, INC. 2015

FOUNDATION NOTES 15-141B XS-11 OF 13		OR TITLE MODIFICATION TO EXISTING 480'x GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4521		DESIGNED BY DRAWN BY CHECKED BY APPROVED BY		DATE 7/18/16 8/2/16 8/23/16		REVISIONS REV. DESCRIPTION 1 FOR APPROVAL 2 REV GUY HORIZ 3 FOR CONSTRUCTION	
---	--	---	--	---	--	--	--	--------------------------------------	--	--	--

DESIGN CRITERIA

THIS TOWER HAS BEEN ANALYZED AND THESE DRAWINGS REPRESENT MODIFICATIONS REQUIRED TO SUPPORT THE FOLLOWING ANTENNAS AND LINES IN ACCORDANCE WITH AWS/D1-1:2015 FOR THE FOLLOWING CRITERIA:

V_W = 103.8 MPH (3-SEC GUST NOMINAL WIND SPEED)
EXPOSURE C

CLASS II (S-1.0)

TOPOGRAPHIC CATEGORY 1

THE ABOVE CRITERIA MEETS OR EXCEEDS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 5TH EDITION (2014) FOR THE FOLLOWING CRITERIA:

V_W = 134 MPH (RISK CATEGORY II/IV) (3-SECOND GUST ULTIMATE WIND SPEED)
EXPOSURE C

ELEV. (FT.) NOTES DESCRIPTION TRANSMISSION LINES

476±	A	WHIP ANTENNA WITH REFLECTOR	TO AMPLIFIER
476±	A	AMPLIFIER	7/8" & 1/2"
456±	A	WHIP ANTENNA WITH REFLECTOR	1-5/8"
456±	A	6" SIDE ARM	1-5/8"
455±	A	WHIP ANTENNA WITH REFLECTOR	1-5/8"
431±	A	4" SIDE ARM	1-5/8"
392±	A	8" PANEL ANTENNA ON PIPE MOUNT	1-5/8"
366±	A	DB224 (SIMILAR) ON 4" SIDE ARM	7/8"
340±	A	8" DISH WITH RADOME & MOUNT	EW63
335±	A	DB224 (SIMILAR) ON 2-4" SIDE ARM	7/8"
308±	A	8" DISH WITH RADOME & MOUNT	EW63
282±	A	DB224 (SIMILAR) ON 2-4" SIDE ARM	7/8"
212±	A	8" GROUND PLANE WHIP ON 3-6" SIDE ARM	7/8"
199±	A	DB224 (SIMILAR) ON 3-6" SIDE ARM	EW63
171±	A	8" DISH WITH RADOME & MOUNT	EW63
171±	A	8" DISH WITH RADOME & MOUNT	EW63

PROPOSED ANTENNAS

480±	A	BLR125-A	TO AMPLIFIER
458±	A	AMPLIFIER	7/8" & 1/2"
435±	B	6" SIDE ARM	---
380±	C	(2) SE4192-WBL & MOUNT	(2) 1-1/4"
350±	D	8" DISH WITH RADOME & MOUNT (AZ=23)	EW63
225±	D	6" DISH WITH RADOME & MOUNT (AZ=23)	EW63
187±	D	6" DISH WITH RADOME & MOUNT (AZ=50)	EW63
187±	D	4" DISH WITH RADOME & MOUNT (AZ=50)	EW63

NOTES:

- THESE ANTENNAS, MOUNTS, AND TRANSMISSION LINES ARE TO BE REMOVED FROM THE TOWER AND WERE NOT INCLUDED IN THIS DESIGN.
- THIS ANTENNA WAS ASSUMED TO BE MOUNTED ON A 6" SIDE ARM CONSISTING OF (2) 4" ANGLE MEMBERS X 10' LONG AND A 3" PIPE X 5' LONG AT THE END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE SOUTHEAST TOWER FACE AND EXTEND 6' TOWARDS THE SOUTHWEST.
- THESE (2) PANEL ANTENNAS WERE ASSUMED TO BE MOUNTED WITH (2) 4" ANGLE MEMBERS X 12' LONG WITH A 2-1/2" PIPE X 21' LONG ON EACH END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE SOUTHWEST TOWER FACE (CENTERED ON THE FACE) WITH A PIPE ON EACH END.
- THE DISH ANTENNAS WERE ASSUMED TO BE MOUNTED ON 4" PIPES X 6' LONG ATTACHED TO THE TOWER WITH (2) 5" ANGLE MEMBERS X 5' LONG. THE DISHES WERE ASSUMED TO HAVE ONE TIE-BACK MEMBER (EXCEPT THE 8" DISH WAS ASSUMED TO HAVE (2) TIE-BACK MEMBERS).

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREON, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

MATERIALS:

STRUCTURAL STEEL, PIPE AND PLATES: ASTM A36 F_y = 36.0 KSI
EHS GUY WIRE: ASTM A475 (EXTRA HIGH STRENGTH) CLASS A GALVANIZED
U-BOLTS: ASTM A36 F_y = 36.0 KSI OR STAINLESS STEEL TYPE 304
WELD ELECTRODES: E70 SERIES

BOLTS:

- ALL BOLTS 1/2" DIA. AND LARGER, SHALL BE A325X, THREADS EXCLUDED FROM SHEAR PLANE, AND FINISHED WITH A HEAVY HEX NUT, HEAVY ROUND WASHER, AND HEAVY "PALNUT", ALL HOT-DIPPED GALVANIZED.
- GUY WIRE HARDWARE I.E. TURNBUCKLES, THIMBLES, ETC. SHALL BE CROSBY HOT-DIPPED GALVANIZED FORGED STEEL, UNLESS OTHERWISE NOTED OR APPROVED EQUAL.
- U-BOLTS SHALL BE FINISHED WITH HEAVY WASHERS, HEAVY HEX NUTS AND "PALNUTS", ALL HOT-DIPPED GALVANIZED OR STAINLESS STEEL. NUTS SHALL BE FINISHED "RUN UP" ON U-BOLT.
- FABRICATION
- ALL STEEL FABRICATION SHALL BE DONE IN ACCORDANCE WITH AWS "STEEL CONSTRUCTION MANUAL", LATEST EDITION.
- HOLES SHALL BE 1/16" LARGER THAN BOLT DIAMETER SPECIFIED UNLESS OTHERWISE NOTED.
- DUE TO THE ABSENCE OF ORIGINAL FABRICATION DRAWINGS AND DIMENSIONS ON THIS TOWER, THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS GIVEN ON THESE DRAWINGS.
- SLOTTED HOLES MAY NOT BE USED UNLESS SPECIFICALLY SHOWN ON THESE DRAWINGS.
- ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS STRUCTURAL WELDING CODE D1.1, LATEST EDITION. WELDER SHALL HOLD CURRENT CERTIFICATES FOR THE PROCESS AND POSITION BEING USED.
- WELDING ROD MATERIAL SHALL BE COMPATIBLE IN CHEMISTRY AND STRENGTH TO HIGHEST GRADE BASE METAL.
- ALL WELDED CONNECTIONS SHALL BE "SEAL" WELDED TO PREVENT WEEPING OF RUST FROM CONNECTIONS.
- ALL STEEL MATERIAL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123. AFTER GALVANIZING, ALL THREADS AND OTHER ITEMS SHALL BE PROPERLY CLEANED. ALL BOLTS, ETC. SHALL BE REMOVED FROM ALL GALVANIZED MATERIAL PRIOR TO SHIPMENT. DRAIN HOLES SHALL BE PROVIDED FOR CLOSED SECTIONS.
- THESE DRAWINGS ARE NOT FABRICATION (SHOP) DRAWINGS. THE USE OF ANY DIMENSIONS ON THESE DRAWINGS FOR FABRICATION PURPOSES, IS DONE AT THE SOLE RISK OF THE CONTRACTOR.
- ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.
- ERECTOR
- PRIOR TO BIDDING ON THIS PROJECT, THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE IF ANY CLEARANCE PROBLEMS EXIST BETWEEN THE EXISTING AND NEW HARDWARE. ANY RELOCATION OF EXISTING HARDWARE (ANTENNAS, MOUNTS, WAVEGUIDE LADDERS, ETC.) REQUIRED TO INSTALL THE NEW HARDWARE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO EXTRAS WILL BE CONSIDERED FOR THIS CONDITION.
- FIELD DRILLED HOLES AND CUTS AND DAMAGED GALVANIZED SURFACES SHALL BE GIVEN ONE (1) BRUSH COAT OF Z.N.C. LIQUID (800-831-3275) TO A 5 MIL WET FILM THICKNESS. PREPARE SURFACES AND APPLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. A TOP COAT OF HIGH UV RESISTANCE ACRYLIC PAINT SHALL BE APPLIED OVER THE Z.N.C.
- FIELD CUTS AND HOLES SHALL BE MADE WITH POWER TOOLS SUCH AS POWER HACKSAWS, DRILLS OR PUNCHES. CUTS AND HOLES MAY NOT BE BURIED.
- NO TOWER MODIFICATIONS SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- WHERE EXISTING COAX, WAVEGUIDE, ANTENNAS, ETC. INTERFERE WITH THIS MODIFICATION WORK, THEY SHALL BE RELOCATED AND PROPERLY SECURED. WHERE NECESSARY, THEY SHALL BE TEMPORARILY RELOCATED AND SECURED. AFTER THE WORK IS COMPLETE, THEY SHALL BE INSTALLED IN THEIR FINAL LOCATION AND PROPERLY SECURED. RE-ATTACH THE CLIMB LADDER SUPPORTS TO NEW REPLACEMENT DIAGONALS USING THE EXISTING HARDWARE.
- INSTALL NEW TRANSMISSION LINES AS SHOWN ON "TRANSMISSION LINE LAYOUT PLAN" (SHEET KS-4).

GENERAL NOTES

DATE: 7/15/16		DATE: 8/2/16	
REV. 0	DATE: 7/15/16	REV. 1	DATE: 8/2/16
FOR APPROVAL		FOR CONSTRUCTION	
BY: [Signature]		BY: [Signature]	
CHECKED BY: [Signature]		CHECKED BY: [Signature]	
DATE: 7/15/16		DATE: 8/2/16	

NOTES

MODIFICATION TO EXISTING 480± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS

Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-950-0002
FL CERTIFICATE OF AUTHORIZATION #43521

3. ERECTION (CONTINUED)
- 3.7 INSTALL NEW ANTENNA MOUNTS AS DESCRIBED IN THE NOTES SECTION UNDER THE DESIGN ANTENNA LIST.
- 3.8 IF THE TRANSMISSION LINES ARE NOT LOCATED AS SHOWN ON THESE DRAWINGS OR IF ANTENNA MOUNTS SUBSTANTIALLY LARGER THAN DESCRIBED ARE INSTALLED, OVER STRESS OF THE TOWER MAY OCCUR. A RE-ANALYSIS OF THE TOWER MAY BE NECESSARY TO DETERMINE THE STRESS STATE OF THE TOWER.
- 3.9 THE RELOCATION OF GUY WIRES SHALL BE ONE CONTINUOUS OPERATION. RELOCATE ONE GUY WIRE AT A TIME. PROVIDE TEMPORARY GUYING AS REQUIRED. NO GUY WIRE REMOVAL SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 3.10 RELOCATED GUY WIRES SHALL BE GROUNDED PER OWNERS REQUIREMENTS.
- 3.10 WHERE FIELD WORK IS CARRIED OUT NEAR EXISTING COAX AND ANTENNAS, EXTREME CARE SHALL BE EXERCISED AND PROTECTION PROVIDED AS REQUIRED TO PREVENT DAMAGE TO TRANSMISSION EQUIPMENT OR INTERRUPTION OF TRANSMISSION SERVICE.
- 3.11 NEW BOLTS SHALL BE TIGHTENED AND TENSIONED BY THE "TURN OF THE NUT" METHOD, PER AISC MANUAL OF STEEL CONSTRUCTION, I.E. 1/3 TURN BEYOND "SNUG" TIGHT.
- 3.12 U-BOLTS SHALL BE "SNUG" TIGHT. DO NOT BEND PLATES.
- 3.13 AFTER TOWER MODIFICATIONS HAVE BEEN COMPLETED, RETENSION ALL GUYS TO THE INITIAL TENSION (1T) SHOWN AND REPLUMB THE TOWER.
- 3.14 ALL CONSTRUCTION PROCEDURES SHALL COMPLY WITH THE SAFETY REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS.
- 3.15 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DESIGNED BY 14 DATE 7/18/11		CHECKED BY 14 DATE 8/24/11		APPROVED BY 14 DATE 8/24/11	
REV. DESCRIPTION 1 FOR APPROVAL 2 FOR CONSTRUCTION		REV. DESCRIPTION 1 FOR APPROVAL 2 FOR CONSTRUCTION		REV. DESCRIPTION 1 FOR APPROVAL 2 FOR CONSTRUCTION	
Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #14321					
JOB TITLE MODIFICATION TO EXISTING 480' E. GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS					
NOTES 16-1418 KS-13 OF 13 0					

Addendum No. 2
[Sleepy Hollow Tower Plans]

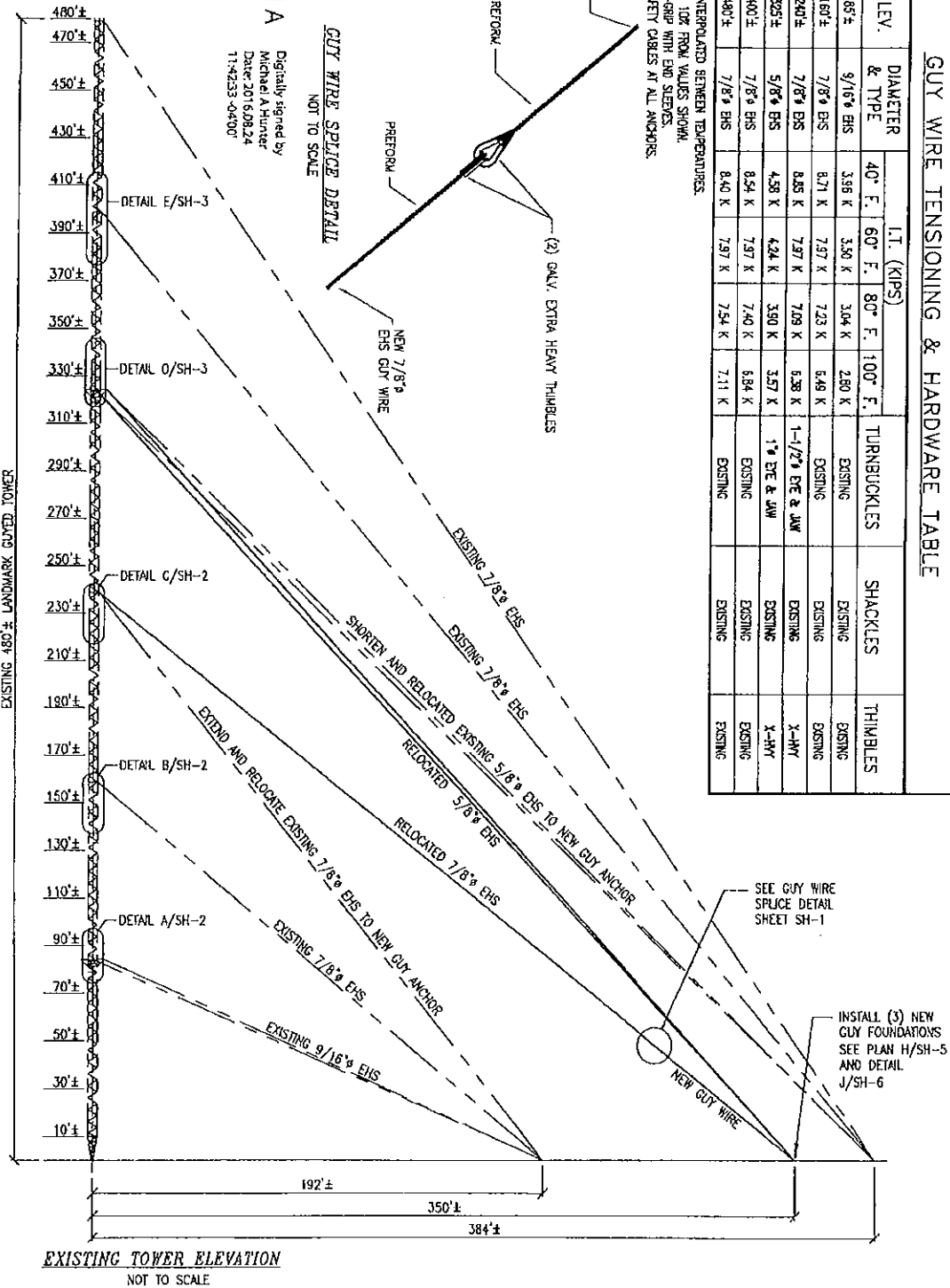


THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY
MICHAEL A. HUNTER, PE (FLORIDA PE #58088) ON 8/24/2016
USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT
ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE
MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Michael A
Hunter

Digitally signed by
Michael A. Hunter
Date: 2016.08.24
11:42:33 -0400

CUT WIRE SPICE DETAIL
NOT TO SCALE



GUY WIRE TENSIONING & HARDWARE TABLE

BREAKING STRENGTH	GUY LEVEL	ELEV. & TYPE	DIAMETER & TYPE	LT. (KIPS)				TURNBUCKLES	SHACKLES	THIMBLES
				40' F.	60' F.	80' F.	100' F.			
35.0 K	1	68' ±	9/16" EHS	3.95 K	3.58 K	3.04 K	2.80 K	EXISTING	EXISTING	EXISTING
79.2 K	2	160' ±	7/8" EHS	8.71 K	7.97 K	7.23 K	6.49 K	EXISTING	EXISTING	EXISTING
79.2 K	3	240' ±	7/8" EHS	8.85 K	7.97 K	7.09 K	6.38 K	EXISTING	EXISTING	EXISTING
42.4 K	4	305' ±	5/8" EHS	4.58 K	4.24 K	3.60 K	3.57 K	1-1/2" EYE & JAW	EXISTING	X-JAW
79.2 K	5	400' ±	7/8" EHS	8.54 K	7.97 K	7.40 K	6.84 K	EXISTING	EXISTING	EXISTING
79.2 K	6	480' ±	7/8" EHS	8.40 K	7.97 K	7.54 K	7.11 K	EXISTING	EXISTING	EXISTING

NOTE: (1) GUY TENSIONS MAY BE INTERPOLATED BETWEEN TEMPERATURES.

(2) GUY TENSIONS MAY VARY 10% FROM VALUES SHOWN.

(3) INSTALL CLAMPED BIC-GRIP WITH END SLEEVES.

(4) PROVIDE TURNBUCKLE SAFETY CABLES AT ALL ANCHORS.

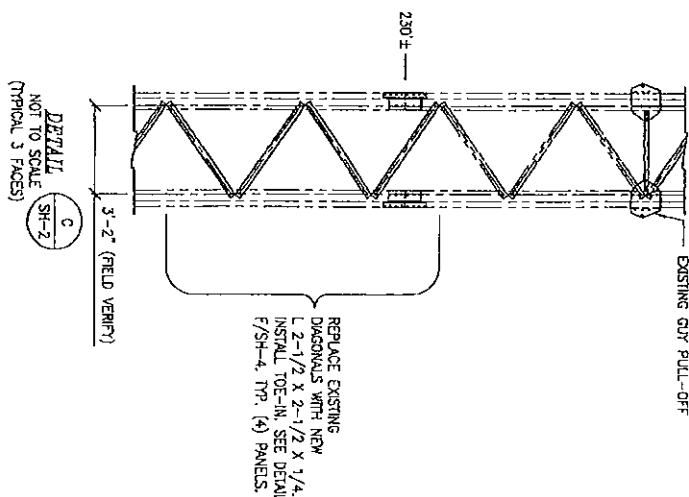
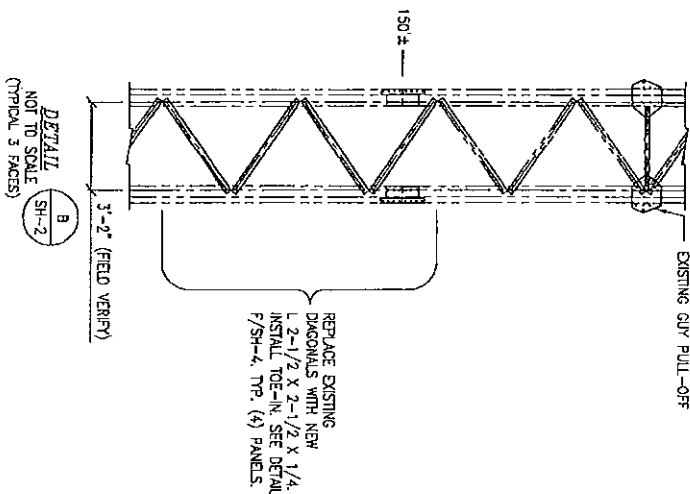
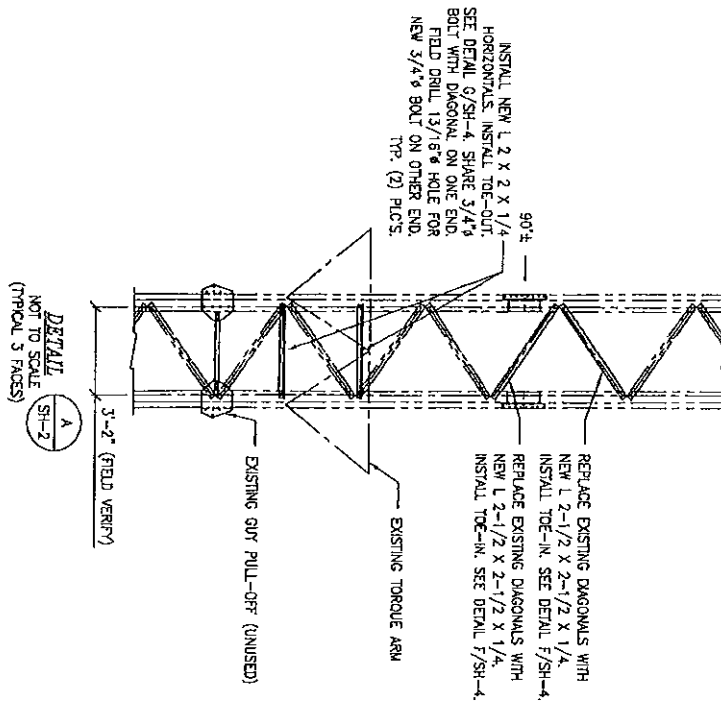
ALL DIMENSIONS SPECIFICATIONS OR WRITTEN MATERIAL APPLYING HEREIN, CONSTRUCTORS' INSTRUMENTS OF SERVICE OF PAITE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PAITE ENGINEERING, INC. © PAITE ENGINEERING, INC. 2016

REVISION TITLE
GENERAL ARRANGEMENT
REV. 16-141A SH-1 OF 10

JOB TITLE
MODIFICATION TO EXISTING
480' ± GUYED TOWER
SLEEPY HOLLOW SITE
FOR
MOTOROLA SOLUTIONS

Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #1524

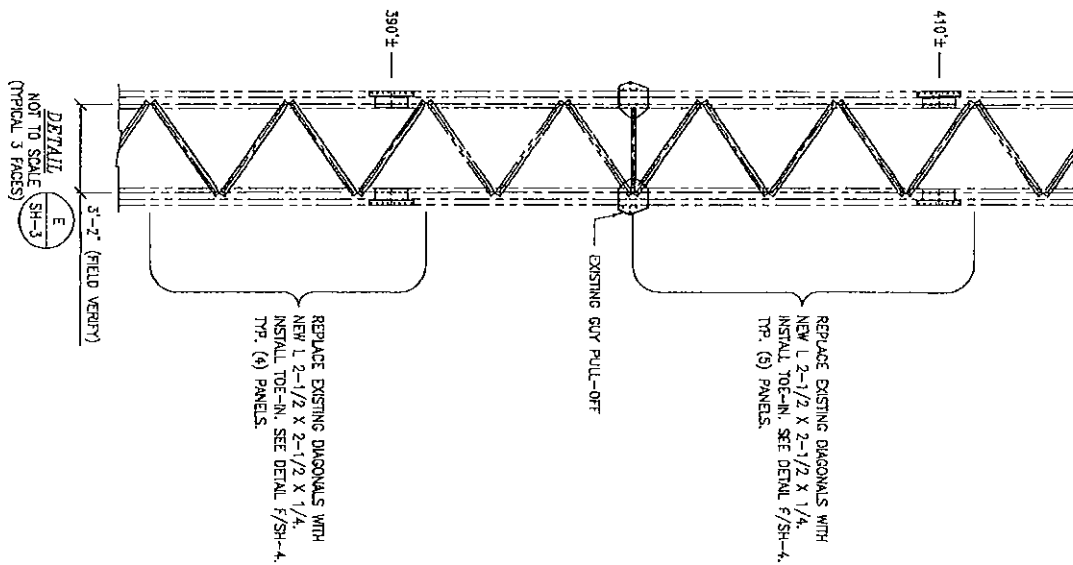
DESIGNED BY	IN	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
MARKET BY	MR	A	FOR APPROVAL	7/21/16			
CHECKED BY	KL	B	REV FOUNDATION	8/4/16			
APPROVED BY		C	FOR CONSTRUCTION	8/24/16			



ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

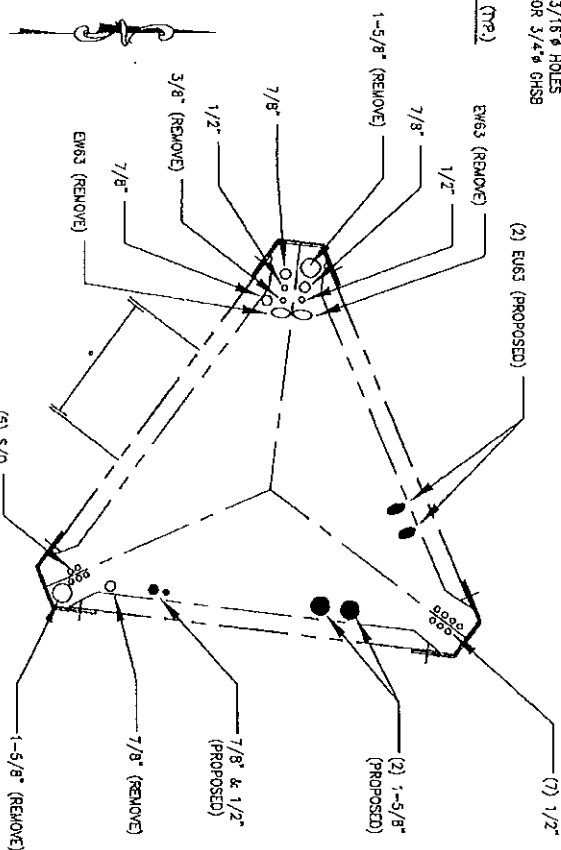
DRAWING TITLE			DATE		
DETAILS			7/21/16		
PROJECT TITLE			REV.		
MODIFICATION TO EXISTING			DESCRIPTION		
480± GUYED TOWER			DATE		
SLEEPY HOLLOW SITE			7/21/16		
FOR			REV.		
MOTOROLA SOLUTIONS			DESCRIPTION		
16-141A			DATE		
SH-2 OF 10			7/21/16		
REV. 0			7/21/16		

Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524



ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN CONSTITUTES INSTRUMENTS OF SERVICE OF DATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF DATE ENGINEERING, INC. © DATE ENGINEERING, INC. 2016


DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		REVISION BY		DATE		DESCRIPTION		DATE	
DETAILS		MODIFICATION TO EXISTING 430' x GUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS		13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-980-0002 FL CERTIFICATE OF AUTHORIZATION 44524		DRAWN BY		DATE		DESCRIPTION		DATE	
JOB NUMBER 15-141A		DRAWING NO. SH-3		REV. 0		CHECKED BY		DATE		DESCRIPTION		DATE	
						APPROVED BY		DATE		DESCRIPTION		DATE	



TRANSMISSION LINE LAYOUT
NOT TO SCALE

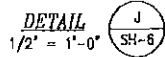
NOT TO SCALE


ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREON, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2015

DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		DATE/TIME RECORD							
DETAILS		MODIFICATION TO EXISTING 400' x GUYED TOWER SLEEPY HOLLOW SITE FOR		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 A CERTIFICATE OF AUTHORIZATION: 44524		DESIGNED BY	VH	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
AIR NUMBER:	DRAWING NO.					QUANTITY BY	VH	A	FOR APPROVAL	7/21/16			
16-141A	SH-4 OF 10					EXERCISED BY	VH	B	REV FOUNDATION	8/2/16			
						APPROVED BY		C	FOR CONSTRUCTION	8/24/16			
		MOTOROLA SOLUTIONS											

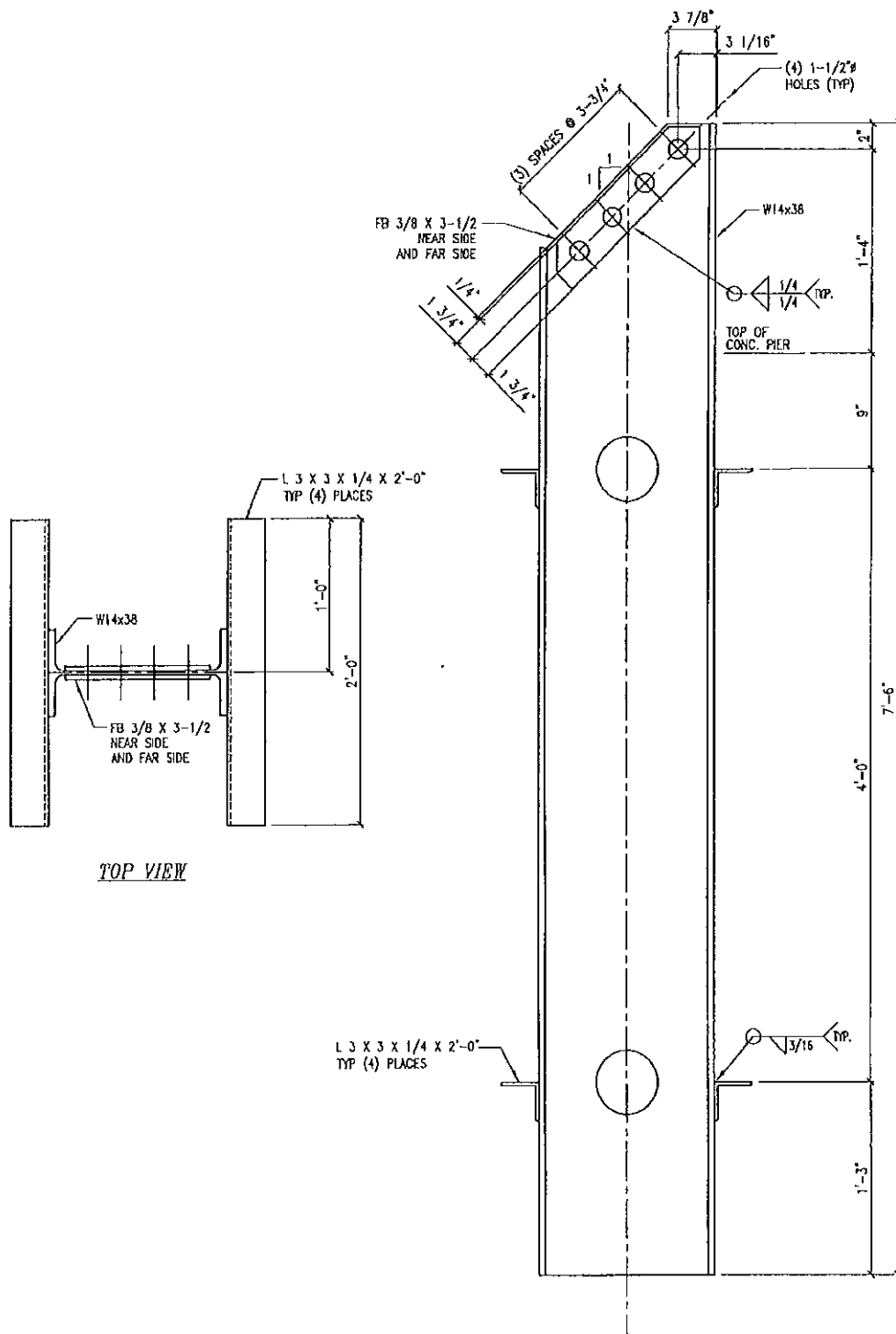


© PATE ENGINEERING, INC. 2016



EXAMINE TITLE		JOB TITLE		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-980-0002 FL CERTIFICATE OF REGISTRATION 14524		DESIGNED BY FH						DRAWN BY FH						CHECKED BY FH						APPROVED BY FH					
FOUNDATION DETAIL		MODIFICATION TO EXISTING 480' X GUYED TOWER STEELP GULLOW SITE FOR MOTOROLA SOLUTIONS				REV.						REV.						REV.						REV.					
JOB NUMBER		DRAWING NO.		REV.		REV.						REV.						REV.						REV.					
16-141A		SH-6 OF 10		0																									

ALL DIMENSIONS, SPECIFICATIONS OR WRITTEN MATERIAL APPLICABLE HEREON, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016



DETAIL K
1 1/2" = 1'-0" SH-7

DRAWING TITLE		JOB TITLE		Pate Engineering Inc.		DESIGNED BY		REVISION RECORD					
DETAILS		MODIFICATION TO EXISTING 480± CUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS		 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-980-0002 FL CERTIFICATE OF AUTHORIZATION #4524		SH							
JOB NUMBER		DRAWING NO.				DRAWN BY		REV.		DESCRIPTION		DATE	
16-1414		SH-2		OF 10		SH		A		FOR APPROVAL		2/11/18	
						CHECKED BY		B		FOR FOUNDATION		2/13/18	
						APPROVED BY		C		FOR CONSTRUCTION		2/25/18	

GUY ANCHOR DRILLED PIER DESIGN CRITERIA

LATERAL = 53.7 KIPS
UP/LIFT = 42.2 KIPS

FOUNDATION NOTES

MATERIALS

CONCRETE $f_c = 3,000$ PSI @ 28 DAYS
REINFORCING STEEL ASTM A-615 GRADE 60

NOTES:

- 1.1 CONCRETE SHALL BE DESIGNED, DETAIL, PRODUCED AND PLACED AS PROVIDED FOR IN ACI STANDARD 318, "BUILDING CODE REQUIREMENT FOR STRUCTURAL CONCRETE" AND ACI STANDARD 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE".
 - 1.2 REINFORCING STEEL SHALL BE HANDLED, CUT AND PLACED AS PROVIDED FOR IN THE MANUAL OF STANDARD PRACTICE, CRSI.
 - 1.3 DRILLED PIERS SHALL CONFORM TO REQUIREMENTS OF ACI 308.1 AND FHWA-NHI-10-016, "DRILLED SHAFTS: CONSTRUCTION PROCEDURES AND LIFT DESIGN METHODS".
 - 1.4 GROUNDING CONDUITS, LINES, ETC. SHALL BE RELOCATED AS NECESSARY TO CLEAR THE NEW STRUCTURE GROUNDING SHALL BE MAINTAINED AT ALL TIMES. PROVIDE PROTECTIVE GROUNDING IN ACCORDANCE WITH ANSI/TIA-222-G-2.
 - 1.5 THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING. ANY PROBLEMS WITH ACCESS, INTERFERENCE, PROPERTY LINES, ETC. SHALL BE RESOLVED PRIOR TO MOVING ONTO THE JOB SITE. UNDERGROUND UTILITIES SHALL BE LOCATED PRIOR TO BEGINNING WORK. NO EXTRA WILL BE CONSIDERED FOR THESE CONDITIONS.
 - 1.6 THE CONTRACTOR MUST COORDINATE THE WORK AND COOPERATE WITH THE TOWER OWNER PRIOR TO MOVING INTO THE SITE.
 - 1.7 DRILLING OPERATIONS SHALL BE PLANNED TO ENCOUNTER LOOSE MATERIAL. SPECIAL PRECAUTIONS MUST BE TAKEN TO PREVENT CAVING OF WALLS OR HOLE.
 - 1.8 DRILLING AND POURING OPERATIONS SHALL BE PROGRAMMED TOGETHER TO BE A SINGLE AND CONTINUOUS PROCEDURE. IN CASE MECHANICAL FAILURE OCCURS DURING DRILLING, THE PART ALREADY DRILLED SHALL BE CLEANED AND THE CONTINUOUS PROCEDURE SHALL BE RESUMED. THE DEPTH OF THE HOLE SHALL BE MEASURED IMMEDIATELY AFTER DRILLING IS COMPLETED AND IMMEDIATELY PRIOR TO POURING. THESE TWO MEASUREMENTS MUST BE THE SAME WITHIN A FEW INCHES.
 - 1.9 THE CONTRACTOR SHALL KEEP A DRILLING AND POURING LOG FOR EACH PIER. THE LOG SHALL INCLUDE, BUT NOT BE LIMITED TO, IDENTIFICATION OF PIER, ELEVATION OF WATER, HOLE STABILIZATION USED (SLURRY, CASING, ETC.), VOLUME OF CONCRETE POURED WITH START AND STOP TIMES.
 - 1.10 THE CONTRACTOR SHALL OBTAIN FOUR (4) CONCRETE TEST CYLINDERS FROM EACH FOUNDATION CONCRETE POUR IN ACCORDANCE WITH ACI 317.2 (SAMPLING FRESH CONCRETE) AND ASTM C39 (COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS). FURNISH TWO (2) COPIES OF THE TEST RESULTS TO THE ENGINEER FOR THE SEVEN (7) DAY BREAK AND TWENTY-EIGHT (28) DAY BREAK. TOP OF PIERS MUST BE FORMED AND POURED A MINIMUM OF SIX INCHES BELOW FINISHED GRADE. PROVIDE MINIMUM OF 3 OR 4 INCHES (AS SHOWN) OF COVER OVER REBAR BY MEANS OF PLASTIC ROLLERS OR SPACERS.
- ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREON, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

- 1.12 WHERE FIELD WORK IS CARRIED OUT NEAR THE OTHER STRUCTURES, EXTREME CARE SHALL BE EXERCISED TO PREVENT DAMAGE.
- 1.13 ALL CONSTRUCTION PROCEDURES SHALL MEET THE REQUIREMENTS OF OSHA AND OTHER APPLICABLE REGULATIONS TO PROTECT PERSONNEL.
- 1.14 THE ANCHOR FOUNDATIONS HAVE BEEN DESIGNED ACCORDING TO THE GEOTECHNICAL EXPLORATION BY AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC., PROJECT NO. 6166-16-0181, DATED 7/29/2016. A COPY OF THE REPORT CAN BE OBTAINED FROM THE CLIENT.
- 1.15 FINAL DRAINAGE SHALL BE PROVIDED TO MINIMIZE INFILTRATION OF SURFACE WATER AROUND THE PIERS.
- 1.16 ANY DAMAGE TO IRRIGATION SYSTEMS, UTILITIES, ETC. SHALL BE REPAIRED TO THE SAME CONDITION AS EXISTS PRIOR TO DRILLING.

FOUNDATION NOTES		MODIFICATION TO EXISTING 483'x GUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0802 FL CERTIFICATE OF AUTHORIZATION #1524		REVISION RECORD <table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>FOR APPROVAL</td> <td>7/21/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>REV. FOUNDATION</td> <td>8/4/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>FOR CONSTRUCTION</td> <td>8/24/16</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		NO.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	1	FOR APPROVAL	7/21/16				2	REV. FOUNDATION	8/4/16				3	FOR CONSTRUCTION	8/24/16			
NO.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE																										
1	FOR APPROVAL	7/21/16																													
2	REV. FOUNDATION	8/4/16																													
3	FOR CONSTRUCTION	8/24/16																													
FOR NUMBER	REVISION NO.	REV.																													
16-141A	SH-8 OF 10	0																													

DESIGN CRITERIA

THIS TOWER HAS BEEN ANALYZED AND THESE DRAWINGS REPRESENT MODIFICATIONS REQUIRED TO SUPPORT THE FOLLOWING ANTENNAS AND LINES IN ACCORDANCE WITH AWS/7M-222-G-2 FOR THE FOLLOWING CRITERIA:

V_W = 103.8 MPH (3-SEC GUST NOMINAL WIND SPEED)
 CLASS II (I=1.0)
 EXPOSURE C

TOPOGRAPHIC CATEGORY 1

THE ABOVE CRITERIA MEETS OR EXCEEDS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 5TH EDITION (2014) FOR THE FOLLOWING CRITERIA:

V_W = 134 MPH (RISK CATEGORY III/IV) (3-SECOND GUST ULTIMATE WIND SPEED)
 EXPOSURE C

ELEV. (FT.) NOTES

DESCRIPTION

TRANSMISSION LINES

ELEV. (FT.)	NOTES	DESCRIPTION	TRANSMISSION LINES
477±	A	WAP ANTENNA	TO AMPLIFIER
477±	A	AMPLIFIER	7/8" & 1/2"
477±	A	6" SIDE ARM	1-5/8"
466±	A	WAP ANTENNA	1-5/8"
464±	A	6" SIDE ARM	1-5/8"
457±	A	WAP ANTENNA	1-5/8"
457±	A	6" SIDE ARM	1-5/8"
416±	A	WAP ANTENNA	1-5/8"
416±	A	6" SIDE ARM	1-5/8"
415±	A	WAP ANTENNA	1-5/8"
366±	A	WAP ANTENNA	1-5/8"
355±	A	WAP ANTENNA	1-5/8"
304±	A	WAP ANTENNA	1-5/8"
121±	A	WAP ANTENNA	1-5/8"
69±	A	WAP ANTENNA	1-5/8"

450±	A	WAP ANTENNA	TO AMPLIFIER
450±	A	AMPLIFIER	7/8" & 1/2"
430±	A	6" SIDE ARM	1-5/8"
430±	A	WAP ANTENNA	1-5/8"
410±	A	WAP ANTENNA	1-5/8"
115±	A	WAP ANTENNA	1-5/8"

NOTES:

- THESE ANTENNAS, MOUNTS, AND TRANSMISSION LINES ARE TO BE REMOVED FROM THE TOWER AND WERE NOT INCLUDED IN THIS DESIGN.
- THIS ANTENNA WAS ASSUMED TO BE MOUNTED ON A 6" SIDE ARM CONSISTING OF (2) 4" ANGLE MEMBERS X 10' LONG AND A 2" PIPE X 4' LONG AT THE END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE SOUTH TOWER FACE AND EXTEND 6' TOWARDS THE WEST.
- THESE (2) PANEL ANTENNAS WERE ASSUMED TO BE MOUNTED WITH (2) 4" ANGLE MEMBERS X 12' LONG WITH A 3" PIPE X 5' LONG ON EACH END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE EAST TOWER FACE (CENTERED ON THE FACE) WITH A PIPE ON EACH END.
- THE DISH ANTENNAS WERE ASSUMED TO BE MOUNTED ON 4" PIPES X 6' LONG ATTACHED TO THE TOWER WITH (2) 5" ANGLE MEMBERS X 5' LONG. THE DISHES WERE ASSUMED TO HAVE ONE TIE-BACK MEMBER.

GENERAL NOTES

MATERIALS:

STRUCTURAL STEEL, PIPE AND PLATES ASTM A36 F_y = 36.0 KSI
 EHS CRY WIRE ASTM A475 (EXTRA HIGH STRENGTH) CLASS A GALVANIZED
 U-BOLTS ASTM A36 F_y = 36.0 KSI OR STAINLESS STEEL TYPE 304
 WELD ELECTRODES E70 SERIES

1. BOLTS

1.1 ALL BOLTS 1/2" DIA. AND LARGER, SHALL BE A325X THREADS EXCLUDED FROM SHEAR PLANE, AND FURNISHED WITH A HEAVY HEX NUT, HEAVY ROUND WASHER, AND HEAVY "NUT". ALL HOT-DIPPED GALVANIZED, UNLESS OTHERWISE NOTED OR APPROVED EQUAL.

1.2 U-BOLTS SHALL BE FURNISHED WITH HEAVY WASHERS, HEAVY HEX NUTS AND "NUTS". ALL HOT-DIPPED GALVANIZED OR STAINLESS STEEL, NUTS SHALL BE FURNISHED "RUN UP" ON U-BOLT.

2. FABRICATION

2.1 ALL STEEL FABRICATION SHALL BE DONE IN ACCORDANCE WITH AWS "STEEL CONSTRUCTION MANUAL", LATEST EDITION.

2.2 HOLES SHALL BE 1/16" LARGER THAN BOLT DIAMETER SPECIFIED UNLESS OTHERWISE NOTED.

2.3 DUE TO THE ABSENCE OF ORIGINAL FABRICATION DRAWINGS AND DIMENSIONS ON THIS TOWER, THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS GIVEN ON THESE DRAWINGS.

2.4 SLOTTED HOLES MAY NOT BE USED UNLESS SPECIFICALLY SHOWN ON THESE DRAWINGS.

2.5 ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS STRUCTURAL WELDING CODE D1.1, LATEST EDITION. WELDER SHALL HOLD CURRENT CERTIFICATES FOR THE PROCESS AND POSITION BEING USED.

2.6 WELDING ROD MATERIAL SHALL BE COMPATIBLE IN CHEMISTRY AND STRENGTH TO HIGHEST GRADE BASE METAL.

2.7 ALL WELDED CONNECTIONS SHALL BE "SEAL" WELDED TO PREVENT WEAVING OF RUST FROM CONNECTIONS.

2.8 ALL STEEL MATERIAL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123. AFTER GALVANIZING, ALL THREADS AND OTHER TEAS SHALL BE PROPERLY CLEANED. ALL BOLTS, ETC. SHALL BE REMOVED FROM ALL GALVANIZED MATERIAL PRIOR TO SHIPMENT. DRAIN HOLES SHALL BE PROVIDED FOR CLOSED SECTIONS.

2.9 THESE DRAWINGS ARE NOT FABRICATION (SHOP) DRAWINGS. THE USE OF ANY DIMENSIONS ON THESE DRAWINGS FOR FABRICATION PURPOSES, IS DONE AT THE SOLE RISK OF THE CONTRACTOR.

2.10 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.

3. ERECTION

3.1 PRIOR TO BEGINNING ON THIS PROJECT, THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE IF ANY CLEARANCE PROBLEMS EXIST BETWEEN THE EXISTING AND NEW HARDWARE. ANY RELOCATION OF EXISTING HARDWARE (ANTENNAS, MOUNTS, WAREHOUSE, LADDERS, ETC.) REQUIRED TO INSTALL THE NEW HARDWARE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO EXTRAS WILL BE CONSIDERED FOR THIS CONDITION.

3.2 FIELD DRILLED HOLES AND CUTS AND DAMAGED GALVANIZED SURFACES SHALL BE GIVEN ONE (1) BRUSH COAT OF ZINC LIQUID (800-831-3275) TO A 5 MIL WET FILM THICKNESS. PREPARE SURFACES AND APPLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. A TOP COAT OF HIGH UV RESISTANCE ACRYLIC PAINT SHALL BE APPLIED OVER THE ZNC.

3.3 FIELD CUTS AND HOLES SHALL BE MADE WITH POWER TOOLS SUCH AS POWER HACKSAWS, DRILLS OR PUNCHES. CUTS AND HOLES MAY NOT BE BURNED.

3.4 NO TOWER MODIFICATIONS SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

3.5 WHERE EXISTING COAX, WAREHOUSE, ANTENNAS, ETC. INTERFERE WITH THIS MODIFICATION WORK, THEY SHALL BE RELOCATED AND PROPERLY SECURED. WHERE NECESSARY, THEY SHALL BE TEMPORARILY RELOCATED AND SECURED AFTER THE WORK IS COMPLETE. THEY SHALL BE INSTALLED IN THEIR FINAL LOCATION AND PROPERLY SECURED. RE-ATTACH THE CLIMB UNDER SUPPORTS TO NEW REPLACEMENT DIAGONALS USING THE EXISTING HARDWARE.

3.6 INSTALL NEW TRANSMISSION LINES AS SHOWN ON "TRANSMISSION LINE LAYOUT PLAN" (SHEET SH-4).

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2014

DRAWING TITLE		NOTES		DATE		REV.	
MODIFICATION TO EXISTING 480' & GUYED TOWER SLEEPY HOLLOW SITE FOR		NOTES		DATE		REV.	
MOTOROLA SOLUTIONS		NOTES		DATE		REV.	
16-141A		SH-8 OF 10		7/11/16		0	

Pate Engineering Inc.
 13540 N. FLORIDA AVE. SUITE 203
 TAMPA, FLORIDA 33613
 813-960-0002
 FL CERTIFICATE OF AUTHORIZATION #4524

DESIGNED BY: []
 CHECKED BY: []
 APPROVED BY: []
 DATE: 7/11/16

REVISION RECORD

REV.	DESCRIPTION	DATE
1	FOR APPROVAL	7/11/16
2	FOR FOUNDATION	8/11/16
3	FOR CONSTRUCTION	8/11/16

3. ERECTION (CONTINUED)
- 3.7 INSTALL NEW ANTENNA MOUNTS AS DESCRIBED IN THE NOTES SECTION UNDER THE DESIGN ANTENNA LIST.
- 3.8 IF THE TRANSMISSION LINES ARE NOT LOCATED AS SHOWN ON THESE DRAWINGS OR IF ANTENNA MOUNTS SUBSTANTIALLY LARGER THAN DESCRIBED ARE INSTALLED, OVER STRESS OF THE TOWER MAY OCCUR. A RE-ANALYSIS OF THE TOWER MAY BE NECESSARY TO DETERMINE THE STRESS STATE OF THE TOWER.
- 3.9 THE RELOCATION OF GUY WIRES SHALL BE ONE CONTINUOUS OPERATION. RELOCATE ONE GUY WIRE AT A TIME. PROVIDE TEMPORARY GUNING AS REQUIRED. NO GUY WIRE REMOVAL SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 3.10 RELOCATED GUY WIRES SHALL BE GROUNDED PER OWNERS REQUIREMENTS.
- 3.11 WHERE FIELD WORK IS CARRIED OUT NEAR EXISTING COAX AND ANTENNAS, EXTREME CARE SHALL BE EXERCISED AND PROTECTION PROVIDED AS REQUIRED TO PREVENT DAMAGE TO TRANSMISSION EQUIPMENT OR INTERRUPTION OF TRANSMISSION SERVICE.
- 3.12 NEW BOLTS SHALL BE TIGHTENED AND TENSIONED BY THE "TURN OF THE NUT" METHOD, PER AISC MANUAL OF STEEL CONSTRUCTION, I.E. 1/3 TURN BEYOND "SNUG" TIGHT.
- 3.13 U-BOLTS SHALL BE "SNUG" TIGHT. DO NOT BEND PLATES.
- 3.14 AFTER TOWER MODIFICATIONS HAVE BEEN COMPLETED, RETENSION ALL GUYS TO THE INITIAL TENSION (1T) SHOWN AND REPLUMB THE TOWER.
- 3.15 ALL CONSTRUCTION PROCEDURES SHALL COMPLY WITH THE SAFETY REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS.
- 3.16 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PAIE ENGINEERING, INC.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PAIE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PAIE ENGINEERING, INC. © PAIE ENGINEERING, INC. 2016

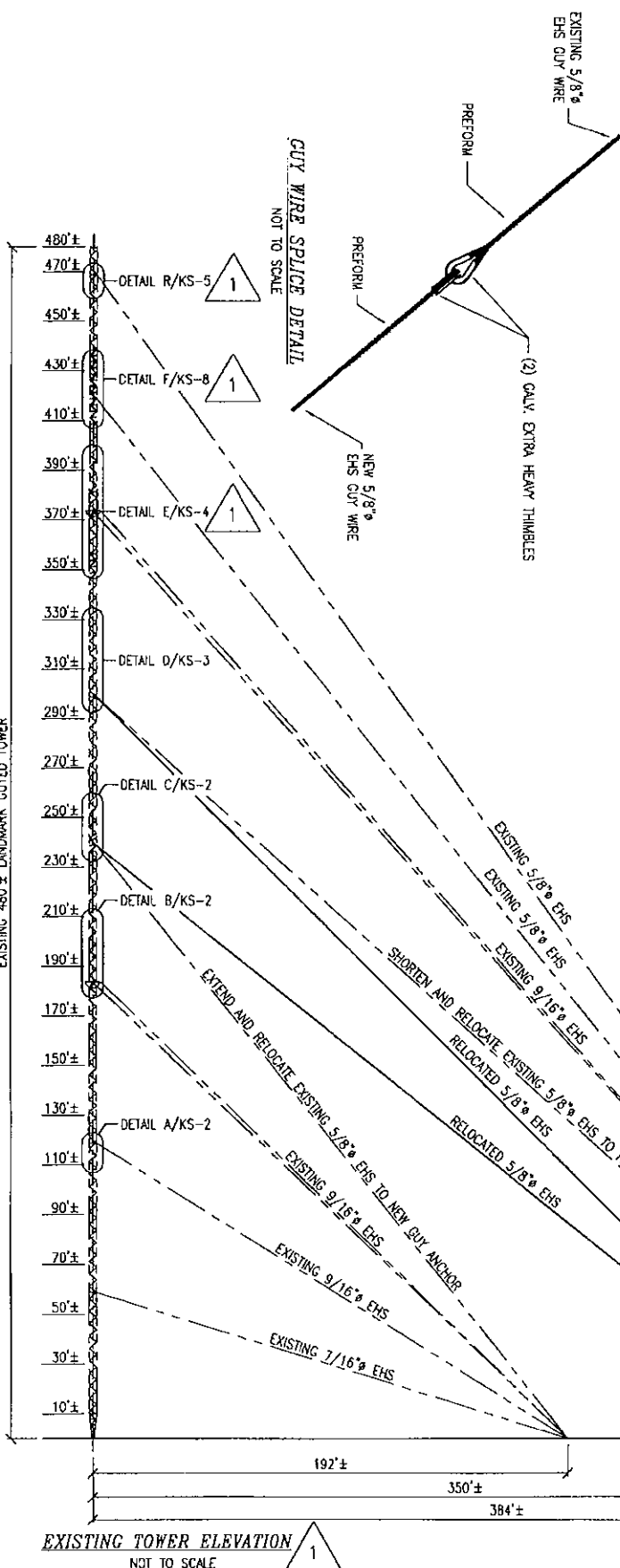
NOTES 16-141A			JOB NUMBER 16-141A			DRAWING NO. SH-10 OF 10			REV. 0		
JOB TITLE MODIFICATION TO EXISTING 480'± GUYED TOWER SLEEPY HOLLOW SITE FOR MOTOROLA SOLUTIONS						Pate Engineering Inc. 13540 N. FLORIDA AVE, SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #1524					
DESIGNED BY SH						CHECKED BY SH					
DRAWING RECORD						REV. DESCRIPTION DATE					
1 FOR APPROVAL						7/21/16					
2 FOR FOUNDATION						6/4/16					
3 FOR CONSTRUCTION						6/24/16					

Addendum No. 3
[Keystone Tower Remediation Plans]

GUY WIRE TENSIONING & HARDWARE TABLE

BREAKING STRENGTH	GUY LEVEL	ELEV. & TYPE	I.T. (KIPS)				TURNBUCKLES	SHACKLES	THIMBLES
			40' F.	60' F.	80' F.	100' F.			
20.8 K	1	60± 7/16" EHS	2.39 K	2.08 K	1.77 K	1.66 K	EXISTING	EXISTING	EXISTING
35.0 K	2	120± 9/16" EHS	3.89 K	3.50 K	3.11 K	2.90 K	EXISTING	EXISTING	EXISTING
35.0 K	3	185± 9/16" EHS	3.76 K	3.50 K	3.24 K	2.98 K	EXISTING	EXISTING	EXISTING
42.4 K	4	240± 5/8" EHS	4.69 K	4.24 K	3.79 K	3.39 K	1" ETE & JAW	EXISTING	X-HY
42.4 K	5	300± 5/8" EHS	4.61 K	4.24 K	3.87 K	3.51 K	1" ETE & JAW	EXISTING	X-HY
35.0 K	6	375± 9/16" EHS	3.58 K	3.30 K	3.04 K	2.80 K	EXISTING	EXISTING	EXISTING
42.4 K	7	420± 5/8" EHS	4.51 K	4.24 K	3.97 K	3.70 K	EXISTING	EXISTING	EXISTING
42.4 K	8	470± 5/8" EHS	4.47 K	4.24 K	4.01 K	3.78 K	EXISTING	EXISTING	EXISTING

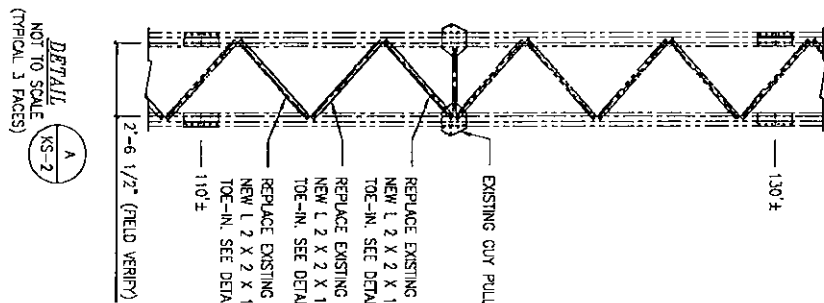
NOTE: (1) GUY TENSIONS MAY BE INTERPOLATED BETWEEN TEMPERATURES.
 (2) GUY TENSIONS MAY VARY 10% FROM VALUES SHOWN.
 (3) INSTALL GALVANIZED BG-GRP WITH END SLEEVES.
 (4) PROVIDE TURNBUCKLE SAFETY CABLES AT ALL ANCHORS.



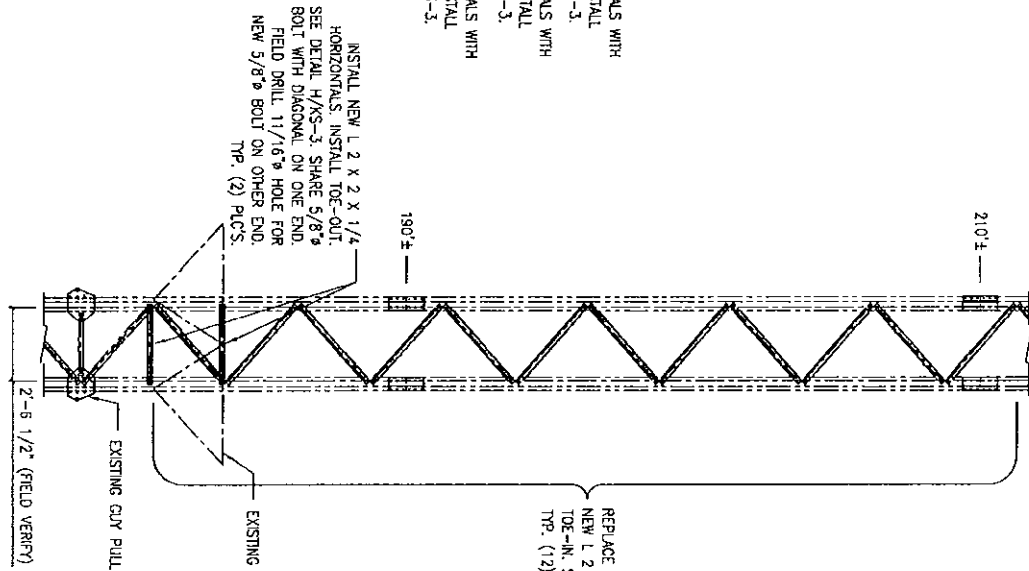
ALL DIMENSIONS, SPECIFICATIONS OR MATERIAL APPEARING HEREIN, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015

DRAWING TITLE		JOB TITLE		DESIGNED BY		DRAWING RECORD			
GENERAL ARRANGEMENT		MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		DRAWN BY		REV.	DESCRIPTION	DATE	
JOB NUMBER 16-1418		DRAWING NO. KS-1 OF 14		CHECKED BY		A	FOR APPROVAL	7/18/16	
				APPROVED BY		B	REV GUY ANCHOR	8/3/16	
						C	FOR CONSTRUCTION	8/24/16	
						1	GENERAL REV	1/23/17	

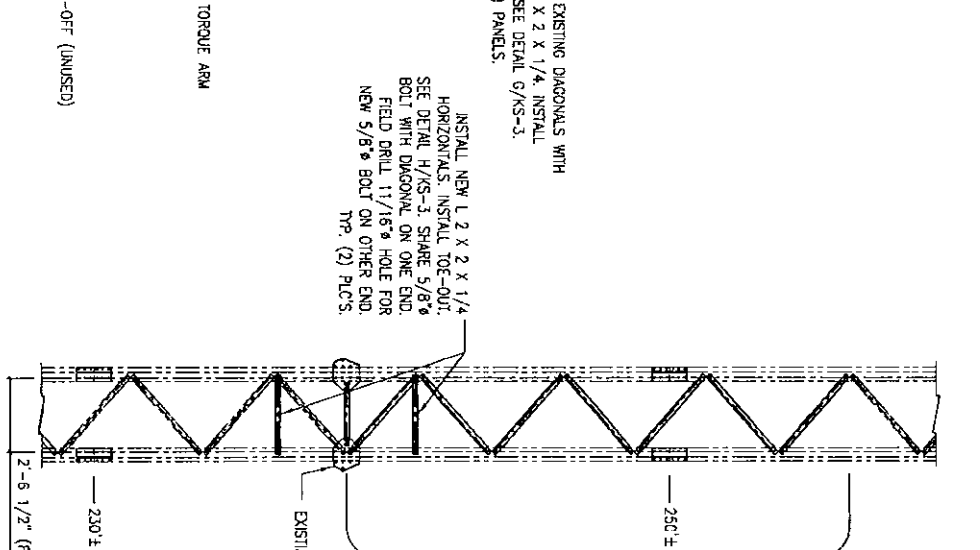
Pate Engineering Inc.
 13540 N. FLORIDA AVE. SUITE 203
 TAMPA, FLORIDA 33613
 813-960-0002
 FL CERTIFICATE OF AUTHORIZATION #1524



DETAIL A
KS-2
(TYPICAL 3 FACES)
NOT TO SCALE



DETAIL B
KS-2
(TYPICAL 3 FACES)
NOT TO SCALE



DETAIL C
KS-2
(TYPICAL 3 FACES)
NOT TO SCALE

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

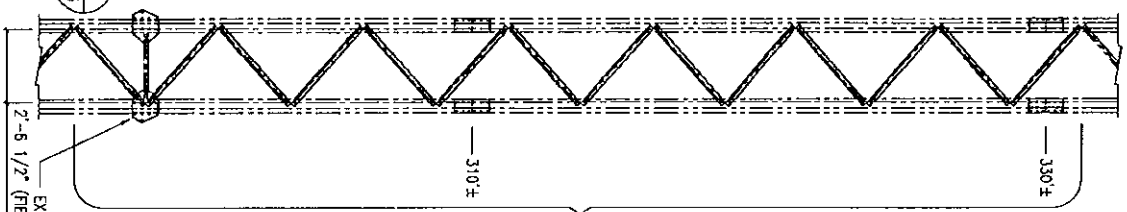
DRAWING TITLE			
DETAILS			
JOB NUMBER	DRAWING NO.	REV.	1
16-141B	KS-2 OF 14		

JOB TITLE
MODIFICATION TO EXISTING
480' ± GUYED TOWER
KEYSTONE SITE
FOR
MOTOROLA SOLUTIONS

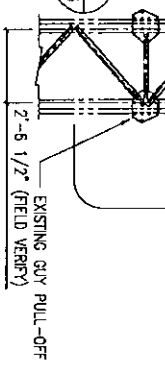


Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

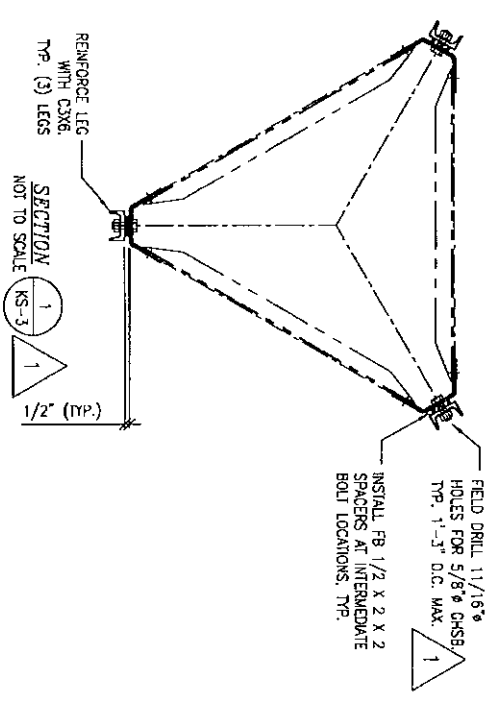
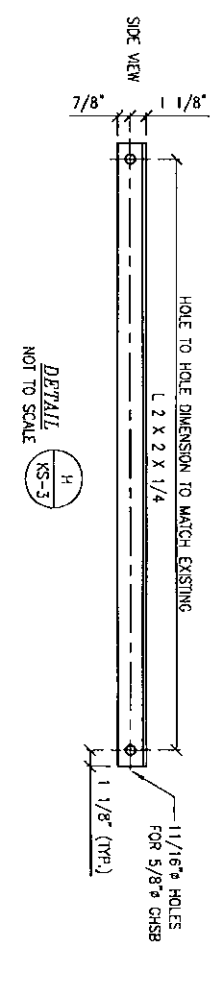
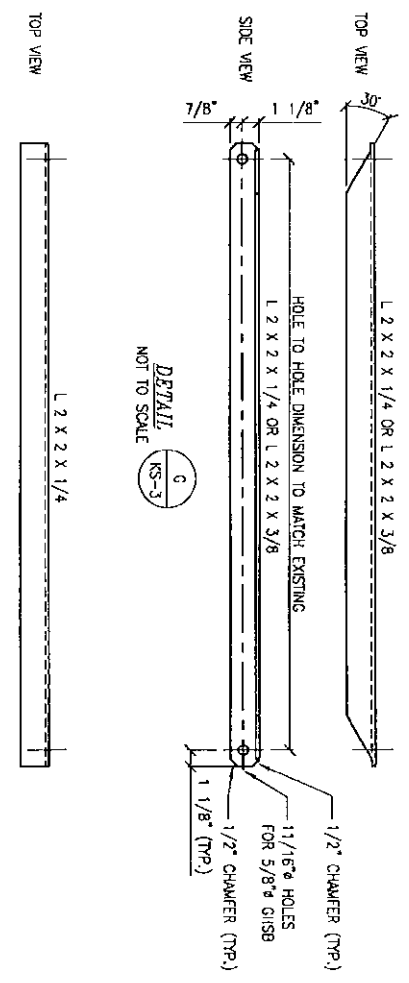
DESIGNED BY		DATE/REV RECORD			
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
A	FOR APPROVAL	2/18/15			
B	REV GUY ANCHOR	8/3/15			
C	FOR CONSTRUCTION	8/24/15			
1	GENERAL REV	11/23/16			



REPLACE EXISTING DIAGONALS WITH
NEW L 2 X 2 X 1/4. INSTALL
TIE-IN. SEE DETAIL G/KS-3.
TYP. (14) PANELS.



ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES "INSTRUMENTS OF SERVICE" OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

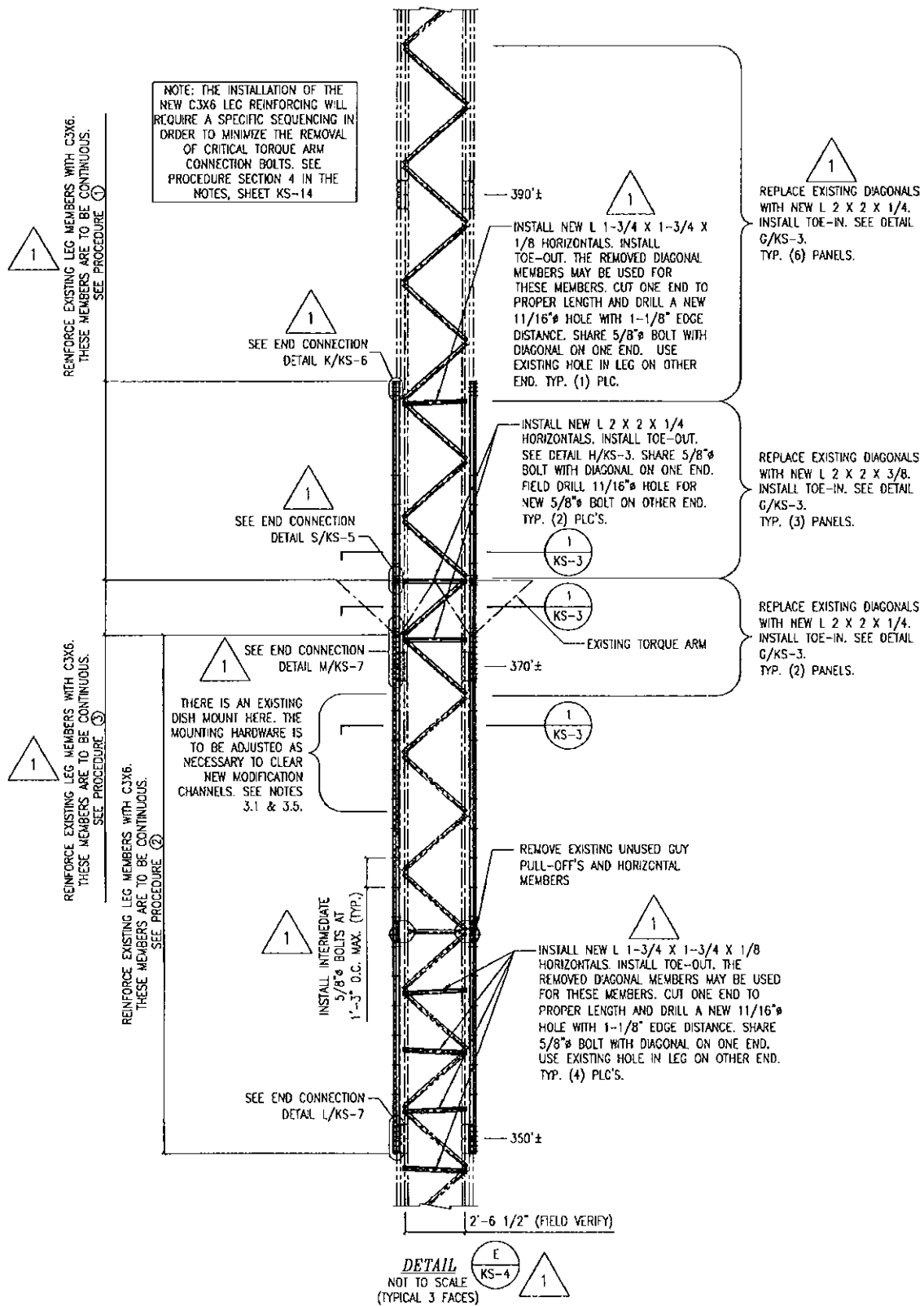


DRAWING TITLE			DESIGNED BY		DRAWING RECORD			
DETAILS			REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
JOB TITLE			1	FOR APPROVAL	7/15/15			
MODIFICATION TO EXISTING			2	REV QUN IN CHOR	8/3/15			
480'x4 GUYED TOWER			3	FOR CONSTRUCTION	8/24/15			
KEYSTONE SITE			4	GENERAL REV	11/23/15			
FOR								
MOTOROLA SOLUTIONS								

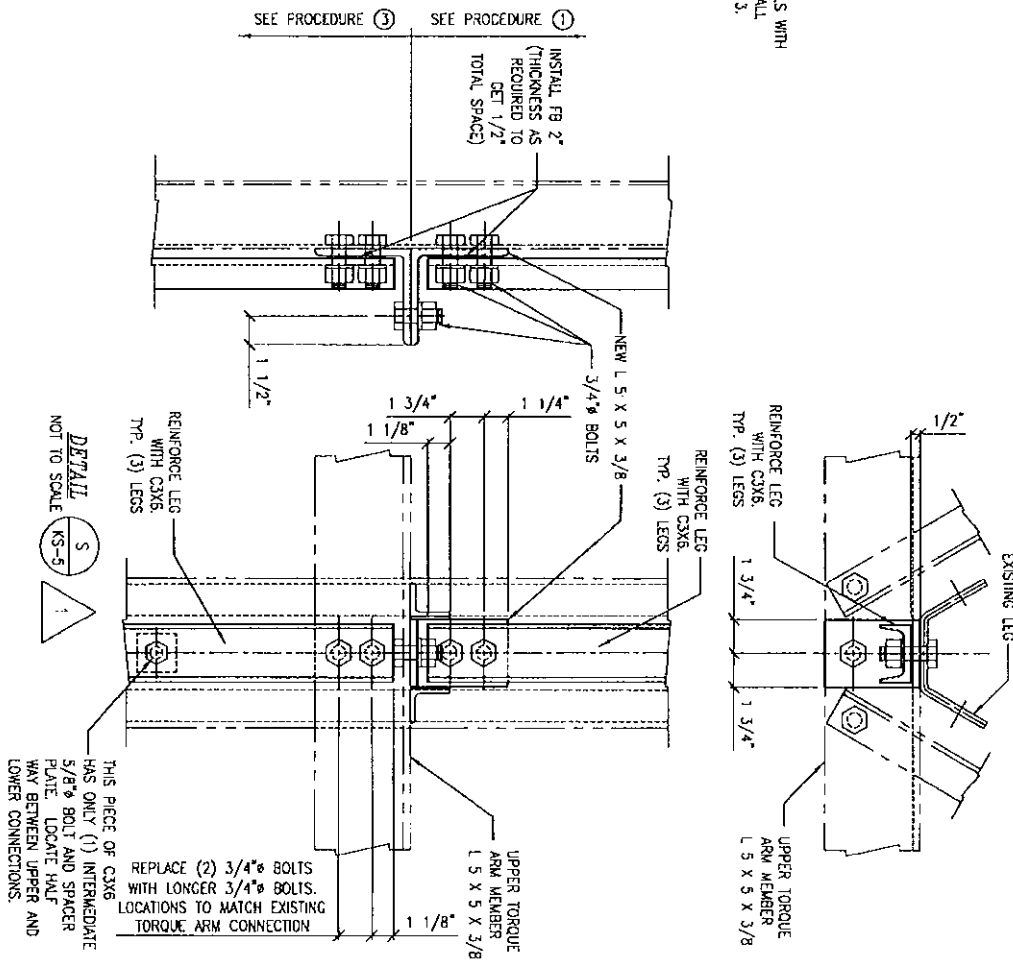
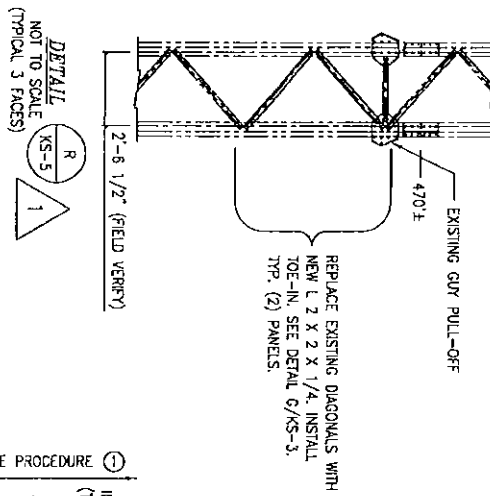


Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION 14524


ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE "INSTRUMENTS OF SERVICE" OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2015

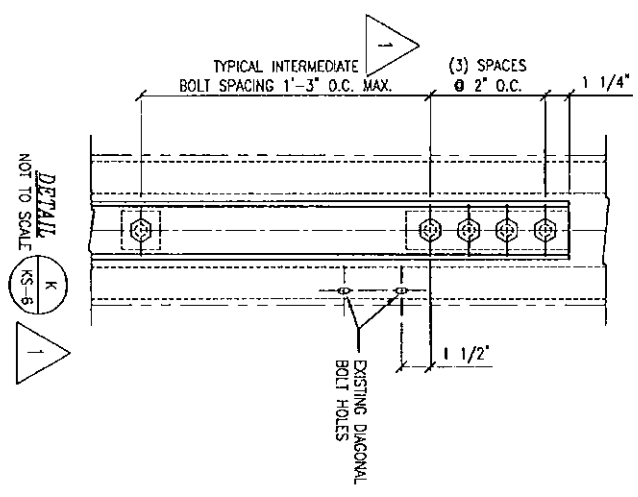
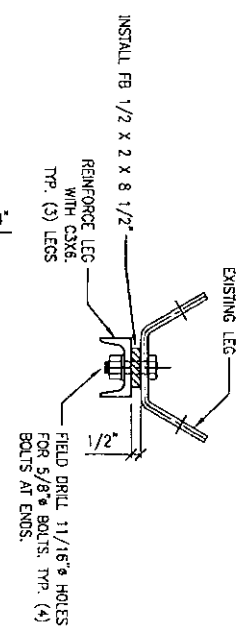
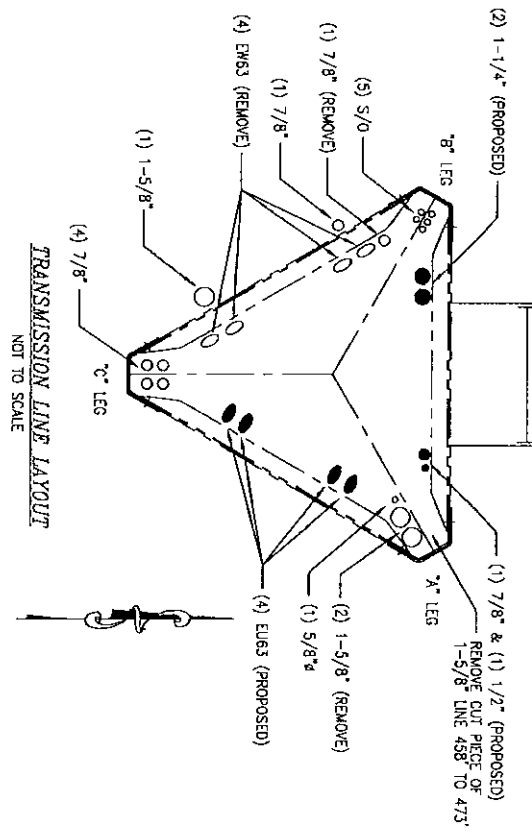


DRAWING TITLE				JOB TITLE		Pate Engineering Inc.		DRAWING RECORD							
DETAILS				MODIFICATION TO EXISTING 480' x GUYED TOWER KEYSTONE SIRE FOR MOTOROLA SOLUTIONS		 13540 N. FLORIDA AVE., SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DESIGNED BY	MH	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
JOB NUMBER	DRAWING NO.	OF	REV.					DRAWN BY	MH	A	FOR APPROVAL	7/15/13			
16-1410	KS-4	04	1					CHECKED BY	MH	B	REV GUY AND/OR	8/3/13			
								APPROVED BY		0	FOR CONSTRUCTION	8/23/13			
										1	GENERAL REV	11/21/16			



ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREON, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC., AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016

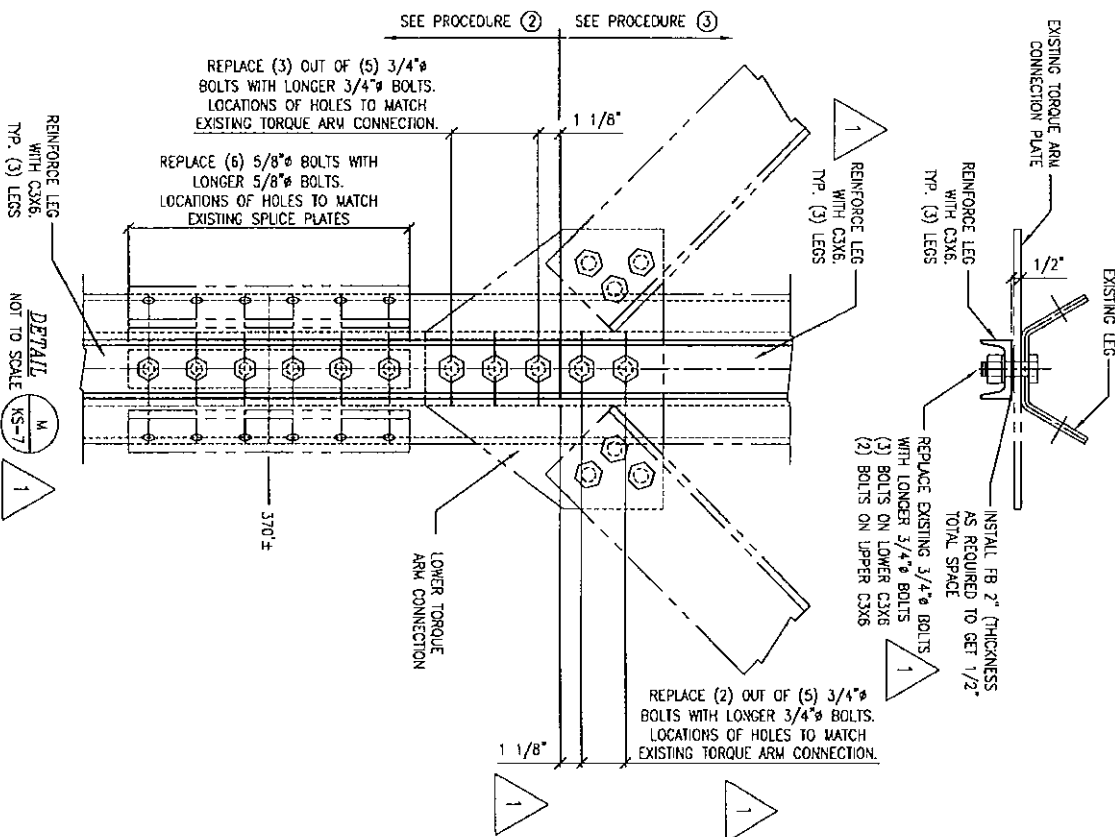
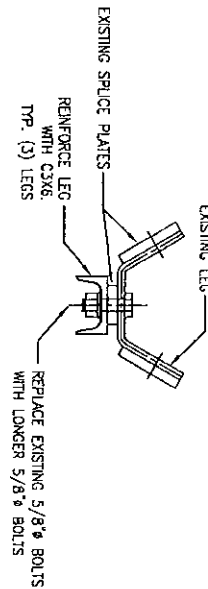
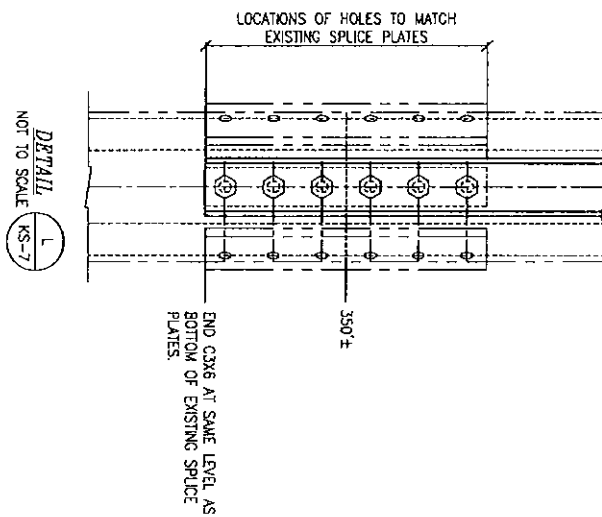
DRAWING TITLE				JOB TITLE				Pate Engineering Inc.				DESIGNED BY				GRAPHIC RECORD			
DETAILS				MODIFICATION TO EXISTING 480± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS				 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524				UH							
JOB NUMBER		DRAWING NO.		REV.								DRAWN BY		REV.					
16-141B		KS-5 OF 14		1								UH		A		7/15/16			
												CHECKED BY		B		8/3/16			
												APPROVED BY		O		FOR CONSTRUCTION 8/24/16			
														1		GENERAL REV. 11/21/16			



ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2015

DRAWING TITLE			JOB TITLE			Pate Engineering Inc.		DESIGNED BY		DRAWING RECORD					
DETAILS			MODIFICATION TO EXISTING 480± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS			13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DRAWN BY	WA	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
JOB NUMBER 16-1418	DRAWING NO. KS-6 OF 14	REV. 1				CHECKED BY	WA	B	FOR APPROVAL	7/18/16					

ALL DIMENSIONS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016



DRAWING TITLE				DESIGNED BY				DATE			
DETAILS				REV.				DATE			
JOB TITLE				DRAWN BY				DATE			
MODIFICATION TO EXISTING				CHECKED BY				DATE			
480' & CUYED TOWER				APPROVED BY				DATE			
KEYSTONE SITE				REV. A				DATE			
FOR				REV. B				DATE			
MOTOROLA SOLUTIONS				REV. C				DATE			
DRAWING NO.				REV. D				DATE			
16-1418				REV. E				DATE			
KS-7 OF 14				REV. F				DATE			
REV. 1				REV. G				DATE			

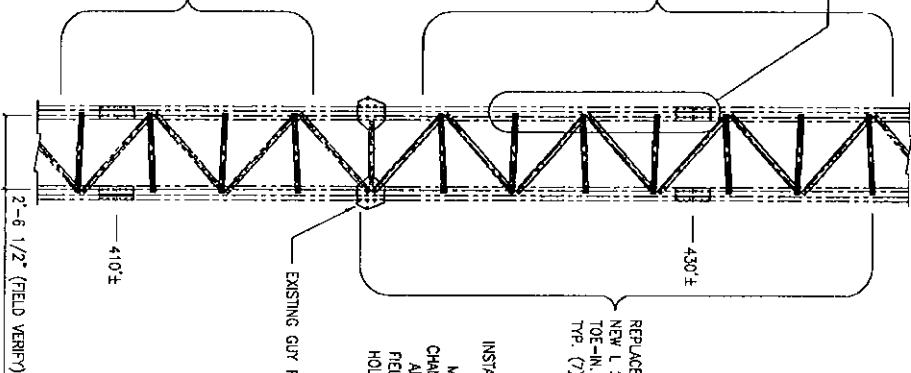


Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-980-0002
FL CERTIFICATE OF AUTHORIZATION #4324

THE "C" LEG (OPPOSITE FROM THE CLIMBING LADDER) HAS A DAMAGED AREA. ADDITIONAL REINFORCING (SEE DETAIL 1/KS-8) AND BRACING PROCEDURE FOR DIAGONAL REPLACEMENT (SEE DETAIL U/KS-8) WILL BE REQUIRED.

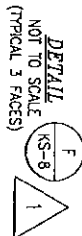
INSTALL NEW L 1-3/4 X 1-3/4 X 1/8 HORIZONTALS. INSTALL TOE-OUT. THE REMOVED DIAGONAL MEMBERS MAY BE USED FOR THESE MEMBERS. CUT ONE END TO PROPER LENGTH AND DRILL A NEW 11/16" HOLE WITH 1-1/8" EDGE DISTANCE. SHARE 5/8" BOLT WITH DIAGONAL ON ONE END. USE EXISTING HOLE IN LEG ON OTHER END. TYP. (7) PLCS.

INSTALL NEW L 1-3/4 X 1-3/4 X 1/8 HORIZONTALS. INSTALL TOE-OUT. THE REMOVED DIAGONAL MEMBERS MAY BE USED FOR THESE MEMBERS. CUT ONE END TO PROPER LENGTH AND DRILL A NEW 11/16" HOLE WITH 1-1/8" EDGE DISTANCE. SHARE 5/8" BOLT WITH DIAGONAL ON ONE END. USE EXISTING HOLE IN LEG ON OTHER END. TYP. (4) PLCS.

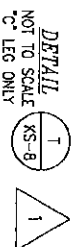
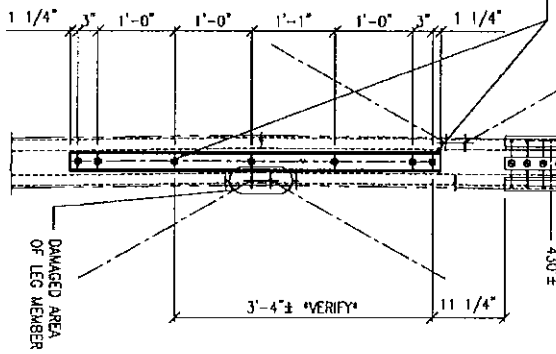
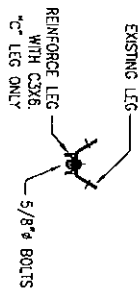


REPLACE EXISTING DIAGONALS WITH NEW L 2 X 2 X 1/4. INSTALL TOE-IN. SEE DETAIL G/KS-3. TYP. (7) PANELS

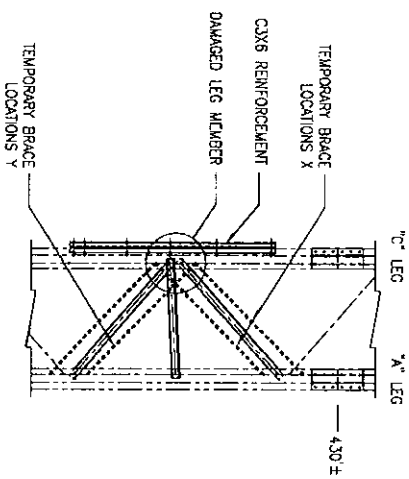
INSTALL 5/8" BOLT IN THESE (2) EXISTING HOLES IN THE LEG MEMBER TO ATTACH AND ALIGN CHANNEL AFTER THESE (2) BOLTS ARE INSTALLED AND TIGHTENED. FIELD DRILL THE OTHER 11/16" HOLES FOR 5/8" BOLTS IN THE LOCATIONS SHOWN.



DETAIL F/KS-8
NOT TO SCALE
(TYPICAL 3 FACES)



DETAIL T/KS-8
NOT TO SCALE
"C" LEG ONLY



DETAIL U/KS-8
NOT TO SCALE
(AC FACE ONLY)

1. INSTALL CXX6 REINFORCEMENT ON THE "C" LEG. SEE DETAIL T/KS-8.
2. INSTALL L 1-3/4 X 1-3/4 X 1/8 HORIZONTAL MEMBER ON THE BC FACE (NOT THE FACE SHOWN) TO BRACE THE LEG ON THE OPPOSITE SIDE OF THE DAMAGED AREA.
3. INSTALL TEMPORARY BRACING MEMBERS AT LOCATIONS "X" ABOVE AND BELOW THE UPPER DIAGONAL MEMBER USING EXISTING HOLES IN THE TOWER LEGS. TIGHTEN THESE MEMBERS AS MUCH AS POSSIBLE.
4. CAREFULLY LOOSEN THE BOLTS IN THE UPPER DIAGONAL MEMBER. IF THE TEMPORARY BRACING IS ADEQUATELY STABILIZING THE LEG MEMBER, REPLACE THIS DIAGONAL AS SHOWN IN DETAIL F/KS-8.
5. RELOCATE THE TEMPORARY BRACING MEMBERS TO LOCATIONS "Y" ABOVE AND BELOW THE LOWER DIAGONALS USING EXISTING HOLES IN THE TOWER LEGS. TIGHTEN THESE MEMBERS AS MUCH AS POSSIBLE.
6. CAREFULLY LOOSEN THE BOLTS IN THE LOWER DIAGONAL MEMBER. IF THE TEMPORARY BRACING IS ADEQUATELY STABILIZING THE LEG MEMBER, REPLACE THIS DIAGONAL AS SHOWN IN DETAIL F/KS-8. ALSO ATTACH THE END OF THE NEW HORIZONTAL MEMBER THAT SHARES THE DIAGONAL END BOLT.
7. REMOVE THE TEMPORARY BRACE ABOVE THE LOWER DIAGONAL (BUT NOT THE ONE BELOW THE DIAGONAL). THIS WILL ALLOW THE NEW HORIZONTAL TO BE ROTATED UP TO THE CONNECTION ON THE "X" LEG. COMPLETE THE INSTALLATION OF THE HORIZONTAL AND TIGHTEN.

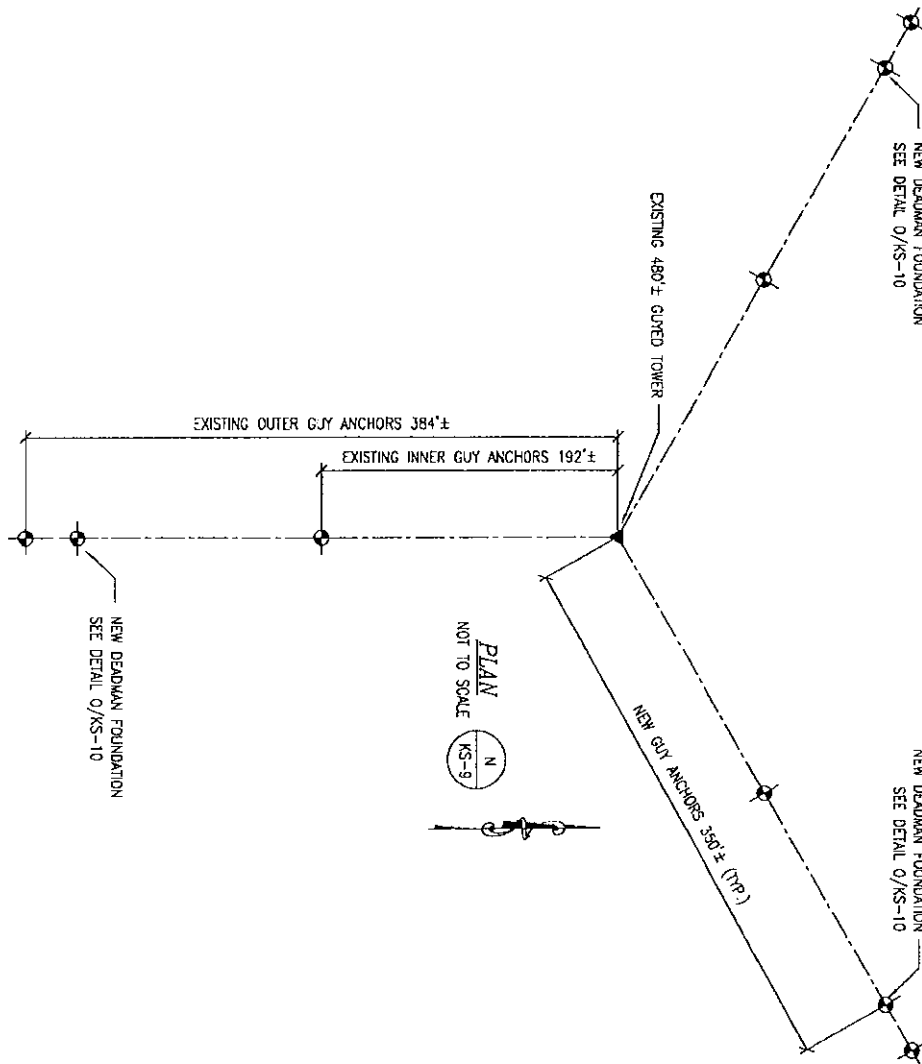
ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTES "INSTRUCTIONS OF SERVICE" OF PATE ENGINEERING, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2015

DRAWING TITLE		DESIGNED BY		DRAWING RECORD	
DETAILS		MH		REV.	DESCRIPTION
FOR NUMBER		MH		DATE	DATE
16-1418		MH		7/15/11	
DRAWING NO.		MH		8/3/15	
KS-8		MH		9/21/15	
OF		MH		11/12/16	
14		MH			
REV.		MH			
1		MH			

MODIFICATION TO EXISTING
480± GUYED TOWER
KEYSTONE SITE
FOR
MOTOROLA SOLUTIONS

Pate Engineering Inc.
13540 N. FLORIDA AVE, SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN, CONSTITUTE "INSTRUMENTS OF SERVICE" OF PATE ENGINEERING, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016



DRAWING TITLE			JOB TITLE			DESIGNED BY			DRAWING RECORD		
PLAN			MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR			MH			REV.	DESCRIPTION	DATE
16-141B			MOTOROLA SOLUTIONS			MH			A	FOR APPROVAL	7/18/15
KS-9 OF 14						MH			B	REV GUY ANCHOR	8/3/15
REV. 1									C	FOR CONSTRUCTION	8/24/15
									D	GENERAL REV	11/23/16



Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

DRAWING TITLE		
FOUNDATION DETAIL		
JOB NUMBER	DRAWING NO.	REV.
16-1418	KS-10 OF 14	1

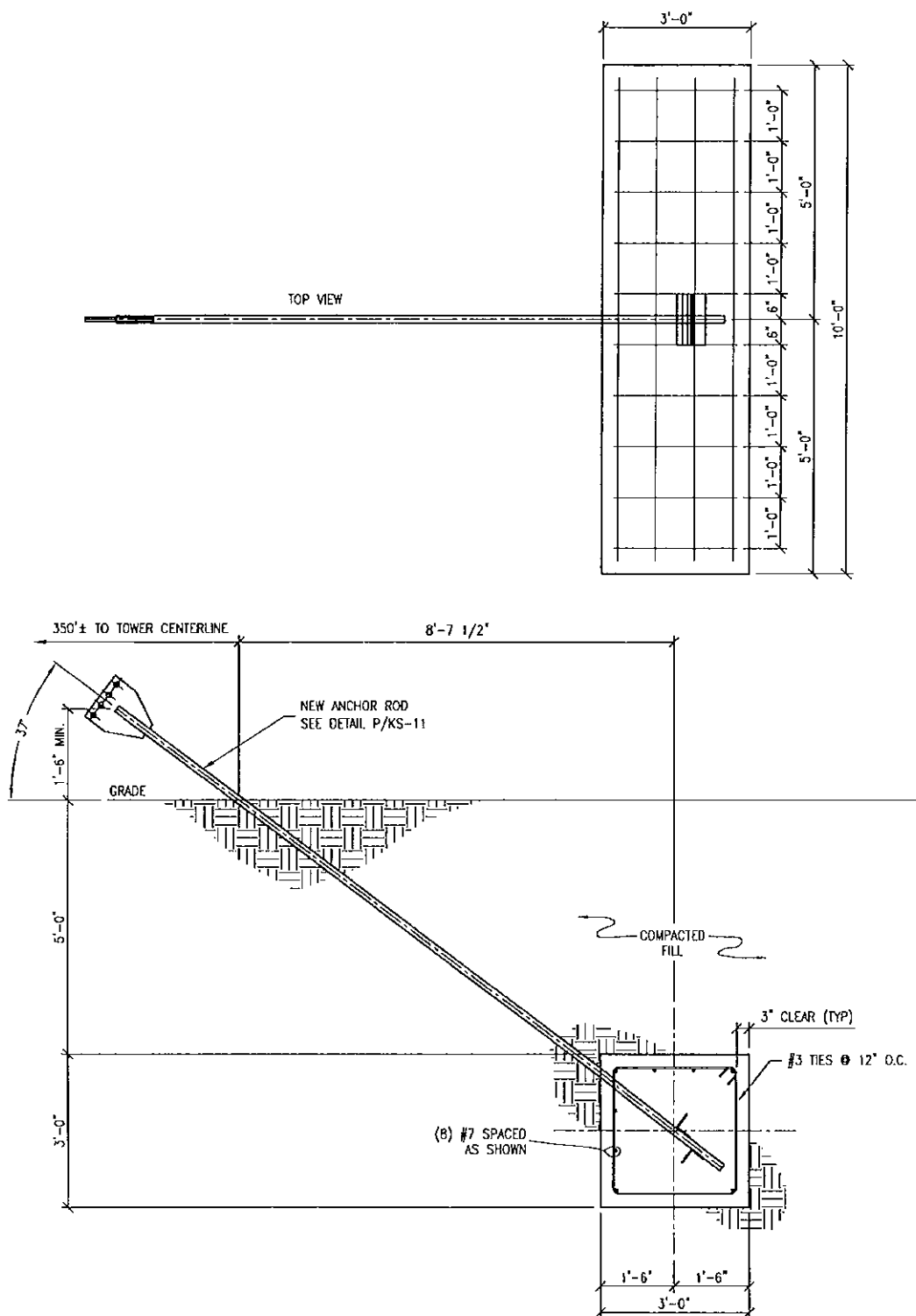
JOB TITLE
MODIFICATION TO EXISTING
480'± GUYED TOWER
KEYSTONE SITE
FOR
MOTOROLA SOLUTIONS




Pate Engineering Inc.
3540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

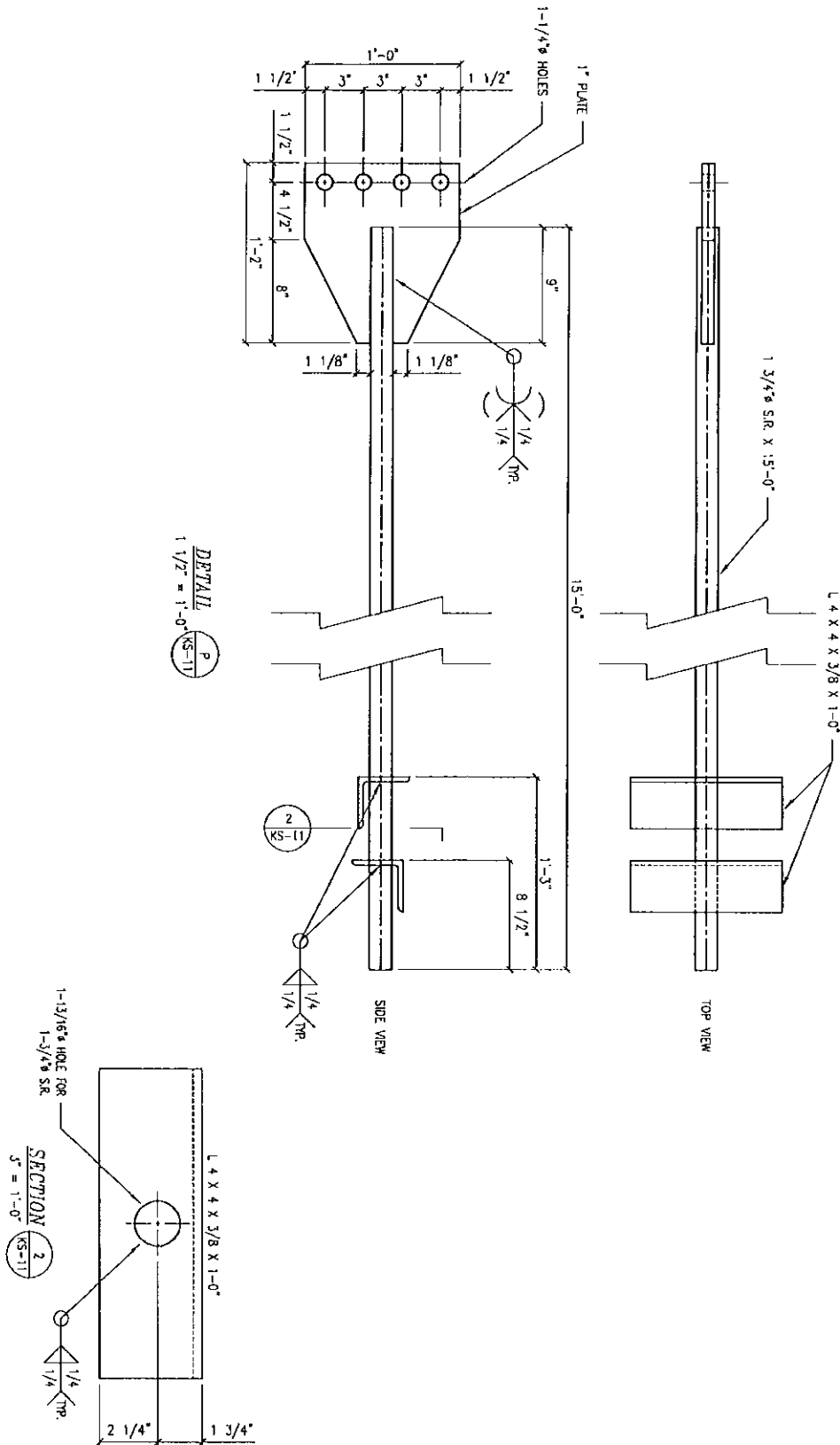
DESIGNED BY	LM
DRAWN BY	LM
CHECKED BY	LM
APPROVED BY	

DRAWING RECORD					
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
A	FOR APPROVAL	7/18/18			
B	REV GUY ANCHOR	8/3/18			
C	FOR CONSTRUCTION	8/24/18			
1	GENERAL REV	11/23/18			



DETAIL $1/2" = 1'-0"$ 

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREON CONSTITUTES INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC. 2016



DRAWING TITLE		JOB NUMBER		DELIVERED NO.		REV.		DRAWING RECORD			
DETAILS		16-1418		KS-11		1		REV.	DESCRIPTION	DATE	REV.
JOB TITLE		MODIFICATION TO EXISTING		480± GUYED TOWER		KEYSTONE SITE		A	FOR APPROVAL	7/15/16	
FOR		MOTOROLA SOLUTIONS						B	REV OUT ANCHOR	8/3/16	
								C	FOR CONSTRUCTION	8/24/16	
								D	GENERAL REV	11/23/16	



Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

DESIGNED BY		CHECKED BY		APPROVED BY	
JH		JH		JH	

GUY ANCHOR DRILLED PIER DESIGN CRITERIA

LATERAL = 31.4 KIPS
UP/LIFT = 23.5 KIPS



FOUNDATION NOTES

MATERIALS

CONCRETE

f'c = 3,000 PSI @ 28 DAYS

REINFORCING STEEL

ASTM A-615 GRADE 60

NOTES:

- 1.1 CONCRETE SHALL BE DESIGNED, DETAILLED, PRODUCED AND PLACED AS PROVIDED FOR IN ACI STANDARD 318, LATEST EDITION, "BUILDING CODE REQUIREMENT FOR STRUCTURAL CONCRETE" AND ACI STANDARD 301, LATEST EDITION, "SPECIFICATIONS FOR STRUCTURAL CONCRETE."
- 1.2 REINFORCING STEEL SHALL BE HANDLED, CUT AND PLACED AS PROVIDED FOR IN THE MANUAL OF STANDARD PRACTICE, CRSI.
- 1.3 PAINT ANCHORS ROOS IN CONTACT WITH SOIL TO 6" ABOVE GRADE WITH TWO (2) COATS OF BITUMINOUS PAINT PRIOR TO BACKFILLING.
- 1.4 GROUNDING, CONDUITS, LINES, ETC. SHALL BE RELOCATED AS NECESSARY TO CLEAR THE NEW STRUCTURE. GROUNDING SHALL BE MAINTAINED AT ALL TIMES. PROVIDE PROTECTIVE GROUNDING IN ACCORDANCE WITH TIA-222-G, OR OWNERS SPECIFICATIONS.
- 1.5 WHERE FIELD WORK IS CARRIED OUT NEAR THE TOWER AND OTHER STRUCTURES, EXTREME CARE SHALL BE EXERCISED TO PREVENT DAMAGE.
- 1.6 EXTREME CARE SHALL BE EXERCISED WHEN EXCAVATING FOR NEW ANCHORS, TO PREVENT DAMAGE TO EXISTING GUY WIRES OVERHEAD.
- 1.7 IF NECESSARY TO MOVE FENCES OR OTHER ITEMS, OR DISTURB THE GROUNDS, THEY SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
- 1.8 THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING. ANY PROBLEMS WITH ACCESS, INTERFERENCE, PROPERTY LINES, ETC. SHALL BE RESOLVED PRIOR TO MOVING ONTO THE JOB SITE. UNDERGROUND UTILITIES SHALL BE LOCATED PRIOR TO BEGINNING WORK. NO EXTRA WILL BE CONSIDERED FOR THESE CONDITIONS.
- 1.9 THE CONTRACTOR MUST COORDINATE THE WORK AND COOPERATE WITH THE TOWER OWNER PRIOR TO MOVING INTO THE SITE.
- 1.10 ALL CONSTRUCTION PROCEDURES SHALL MEET THE REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS TO PROTECT PERSONNEL.
- 1.11 COMPACT BACKFILL IN 6" LIFTS WITH POWERED HAND TAMPER.
- 1.12 THE CONTRACTOR SHALL OBTAIN CONCRETE TEST CYLINDERS FROM EACH ANCHOR FOUNDATION. FURNISH COPIES OF THE TEST RESULTS TO THE ENGINEER FOR THE SEVEN (7) DAY BREAK AND TWENTY-EIGHT (28) DAY BREAK.
- 1.13 THE CONTRACTOR MUST ANTICIPATE THE PRESENCE OF LOOSE SOIL MATERIALS AND GROUNDWATER. THE ANCHOR FOUNDATIONS HAVE BEEN DESIGNED ACCORDING TO THE GEOTECHNICAL EXPLORATION BY AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC., PROJECT NO. 6166-16-01-81, DATED 7/29/2016. A COPY OF THE REPORT CAN BE OBTAINED FROM THE CLIENT.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIALS, APPEARING HEREIN, CONSTITUTE "INSTRUMENTS OF SERVICE" OF PATE ENGINEERING, INC., AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE FOUNDATION NOTES		JOB TITLE MODIFICATION TO EXISTING 480'± GUYED TOWER KEYSTONE SITE FOR MOTOROLA SOLUTIONS		Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">DESIGNED BY</th> <th colspan="4">DRAWING RECORD</th> </tr> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> <tr> <td>A</td> <td>FOR APPROVAL</td> <td>7/16/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>REV GUY ANCHOR</td> <td>8/5/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C</td> <td>FOR CONSTRUCTION</td> <td>8/24/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>D</td> <td>GENERAL REV</td> <td>11/23/16</td> <td></td> <td></td> <td></td> </tr> </table>				DESIGNED BY		DRAWING RECORD				REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	A	FOR APPROVAL	7/16/16				B	REV GUY ANCHOR	8/5/16				C	FOR CONSTRUCTION	8/24/16				D	GENERAL REV	11/23/16			
DESIGNED BY		DRAWING RECORD																																											
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE																																								
A	FOR APPROVAL	7/16/16																																											
B	REV GUY ANCHOR	8/5/16																																											
C	FOR CONSTRUCTION	8/24/16																																											
D	GENERAL REV	11/23/16																																											
JOB NUMBER 16-1418		DRAWING NO. KS-12 OF 14		REV. 1																																									

THIS TOWER HAS BEEN ANALYZED AND THESE DRAWINGS REPRESENT MODIFICATIONS REQUIRED TO SUPPORT THE FOLLOWING ANTENNAS AND LINES IN ACCORDANCE WITH ANSI/TIA-222-C-2 FOR THE FOLLOWING CRITERIA:

$V_w = 103.8$ MPH (3-SEC GUST NOMINAL WIND SPEED)
 CLASS II (I=1.0)
 EXPOSURE C
 TOPOGRAPHIC CATEGORY 1
 $V_{w1} = 134$ MPH (RISK CATEGORY III/IV) (3-SECOND GUST ULTIMATE WIND SPEED)
 EXPOSURE C
 THE ABOVE CRITERIA MEETS OR EXCEEDS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 5TH EDITION (2014) FOR THE FOLLOWING CRITERIA:

DESIGN CRITERIA

ELV. (FT.)	NOTES	DESCRIPTION	TRANSMISSION LINES
------------	-------	-------------	--------------------

476±	A	WHIP ANTENNA WITH REFLECTOR	TO AMPLIFIER
476±	A	AMPLIFIER	7/8" & 1/2"
476±	A	6" SIDE ARM	---
456±	A	WHIP ANTENNA WITH REFLECTOR	1-5/8"
456±	A	6" SIDE ARM	---
455±	A	WHIP ANTENNA WITH REFLECTOR	1-5/8"
455±	A	4" SIDE ARM	---
431±	A	6" PANEL ANTENNA ON PIPE MOUNT	1-5/8"
392±	A	DB224 (SIMILAR) ON 4" SIDE ARM	7/8"
366±	A	8" DISH WITH RADOME & MOUNT	EW63
340±	A	DB224 (SIMILAR) ON 2-4" SIDE ARM	7/8"
335±	A	6" DISH WITH RADOME & MOUNT	EW63
308±	A	DB224 (SIMILAR) ON 2-4" SIDE ARM	7/8"
262±	A	8" GROUND PLANE WHIP ON 3-6" SIDE ARM	7/8"
212±	A	DB224 (SIMILAR) ON 3-6" SIDE ARM	7/8"
199±	A	8" DISH WITH RADOME & MOUNT	EW63
171±	A	6" DISH WITH RADOME & MOUNT	EW63

460±	A	ELR125-A	TO AMPLIFIER
458±	A	AMPLIFIER	7/8" & 1/2"
458±	B	6" SIDE ARM	---
435±	C	(2) SE4192-WBL & MOUNT	(2) 1-1/4"
380±	D	8" DISH WITH RADOME & MOUNT (AZ=23°)	EW63
350±	D	6" DISH WITH RADOME & MOUNT (AZ=23°)	EW63
225±	D	6" DISH WITH RADOME & MOUNT (AZ=50°)	EW63
187±	D	4" DISH WITH RADOME & MOUNT (AZ=50°)	EW63

NOTES:

- THESE ANTENNAS, MOUNTS, AND TRANSMISSION LINES ARE TO BE REMOVED FROM THE TOWER AND WERE NOT INCLUDED IN THIS DESIGN.
- THIS ANTENNA WAS ASSUMED TO BE MOUNTED ON A 6" SIDE ARM CONSISTING OF (2) 4" ANGLE MEMBERS X 10' LONG AND A 3" PIPE X 5' LONG AT THE END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE SOUTHEAST TOWER FACE AND EXTEND 6' TOWARDS THE SOUTHWEST.
- THESE (2) PANEL ANTENNAS WERE ASSUMED TO BE MOUNTED WITH (2) 4" ANGLE MEMBERS X 12' LONG WITH A 2-1/2" PIPE X 21' LONG ON EACH END. THE ANGLES WERE ASSUMED TO BE ATTACHED ACROSS THE SOUTHWEST TOWER FACE (CENTERED ON THE FACE) WITH A PIPE ON EACH END.
- THE DISH ANTENNAS WERE ASSUMED TO BE MOUNTED ON 4" PIPES X 6' LONG ATTACHED TO THE TOWER WITH (2) 5" ANGLE MEMBERS X 5' LONG. THE DISHES WERE ASSUMED TO HAVE ONE TIE-BACK MEMBER (EXCEPT THE 8" DISH WAS ASSUMED TO HAVE (2) TIE-BACK MEMBERS).

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2015

GENERAL NOTES

STRUCTURAL STEEL, PIPE AND PLATES ASTM A36 $F_y = 36.0$ KSI
 EHS GUY WIRE ASTM A475 (EXTRA HIGH STRENGTH) CLASS A GALVANIZED
 U-BOLTS ASTM A36 $F_y = 36.0$ KSI OR STAINLESS STEEL TYPE 304
 WELD ELECTRODES E70 SERIES

- BOLTS
- ALL BOLTS 1/2" DIA. AND LARGER SHALL BE A325X, THREADS EXCLUDED FROM SHEAR PLANE, AND FURNISHED WITH A HEAVY HEX NUT, HEAVY ROUND WASHER, AND HEAVY PLAINUT, ALL HOT-DIPPED GALVANIZED.
- GUY WIRE HARDWARE I.E. TURNBUCKLES, THIMBLES, ETC. SHALL BE CROSBY HOT-DIPPED GALVANIZED FORGED STEEL UNLESS OTHERWISE NOTED OR APPROVED EQUAL.
- U-BOLTS SHALL BE FURNISHED WITH HEAVY WASHERS, HEAVY HEX NUTS AND "PLAINUTS", ALL HOT-DIPPED GALVANIZED OR STAINLESS STEEL. NUTS SHALL BE FURNISHED "RUN UP" ON U-BOLT.
- FABRICATION
- ALL STEEL FABRICATION SHALL BE DONE IN ACCORDANCE WITH ASC "STEEL CONSTRUCTION MANUAL", LATEST EDITION.
- HOLES SHALL BE 1/16" LARGER THAN BOLT DIAMETER SPECIFIED UNLESS OTHERWISE NOTED.
- DUE TO THE ABSENCE OF ORIGINAL FABRICATION DRAWINGS AND DIMENSIONS ON THIS TOWER, THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS GIVEN ON THESE DRAWINGS.
- SLOTTED HOLES MAY NOT BE USED UNLESS SPECIFICALLY SHOWN ON THESE DRAWINGS.
- ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS STRUCTURAL WELDING CODE D1.1, LATEST EDITION.
- WELDER SHALL HOLD CURRENT CERTIFICATES FOR THE PROCESS AND POSITION BEING USED.
- WELDING ROD MATERIAL SHALL BE COMPATIBLE IN CHEMISTRY AND STRENGTH TO HIGHEST GRADE BASE METAL.
- ALL WELDED CONNECTIONS SHALL BE "SEAL" WELDED TO PREVENT WEEPING OF RUST FROM CONNECTIONS.
- ALL STEEL MATERIAL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123. AFTER GALVANIZING, ALL THREADS AND OTHER ITEMS SHALL BE PROPERLY CLEANED. ALL BURRS, ETC. SHALL BE REMOVED FROM ALL GALVANIZED MATERIAL PRIOR TO SHIPMENT. DRAIN HOLES SHALL BE PROVIDED FOR CLOSED SECTIONS.
- THESE DRAWINGS ARE NOT FABRICATION (SHOP) DRAWINGS. THE USE OF ANY DIMENSIONS ON THESE DRAWINGS FOR FABRICATION PURPOSES, IS DONE AT THE SOLE RISK OF THE CONTRACTOR.
- ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.
- ERECTION
- PRIOR TO BEGINNING ON THIS PROJECT, THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE IF ANY CLEARANCE PROBLEMS EXIST BETWEEN THE EXISTING AND NEW HARDWARE. ANY RELOCATION OF EXISTING HARDWARE (ANTENNAS, MOUNTS, WAVEGUIDE LADDERS, ETC.) REQUIRED TO INSTALL THE NEW HARDWARE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NO EXTRAS WILL BE CONSIDERED FOR THIS CONDITION.
- FIELD DRILLED HOLES AND CUTS AND DAMAGED GALVANIZED SURFACES SHALL BE GIVEN ONE (1) BRUSH COAT OF Z.R.C. LIQUID (800-831-3275) TO A 5 MIL WET FILM THICKNESS. PRETREAT SURFACES AND APPLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. A TOP COAT OF HIGH UV RESISTANCE ACRYLIC PAINT SHALL BE APPLIED OVER THE ZRC.
- FIELD CUTS AND HOLES SHALL BE MADE WITH POWER TOOLS SUCH AS POWER HACKSAWS, DRILLS OR PUNCHES. CUTS AND HOLES MAY NOT BE BURNED.
- NO TOWER MODIFICATIONS SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED.
- THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- WHERE EXISTING COAX, WAVEGUIDE, ANTENNAS, ETC. INTERFERE WITH THIS MODIFICATION WORK, THEY SHALL BE RELOCATED AND PROPERLY SECURED. WHERE NECESSARY, THEY SHALL BE TEMPORARILY RELOCATED AND SECURED. AFTER THE WORK IS COMPLETE THEY SHALL BE INSTALLED IN THEIR FINAL LOCATION AND PROPERLY SECURED. RE-ATTACH THE CLIMB LADDER SUPPORTS TO NEW REPLACEMENT DIAGONALS USING THE EXISTING HARDWARE.
- INSTALL NEW TRANSMISSION LINES AS SHOWN ON "TRANSMISSION LINE LAYOUT PLAN" (SHEET KS-6).

DATE	REV.	DESCRIPTION
16-1418	1	MODIFICATION TO EXISTING 480± KEYSTONE TOWER FOR MOTOROLA SOLUTIONS


DATE	REV.	DESCRIPTION
16-1418	1	MODIFICATION TO EXISTING 480± KEYSTONE TOWER FOR MOTOROLA SOLUTIONS

Pate Engineering Inc.
 13540 N. FLORIDA AVE. SUITE 203
 TAMPA, FLORIDA 33613
 813-960-0002
 FL CERTIFICATE OF AUTHORIZATION #4524

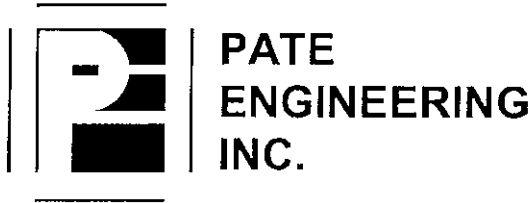
DESIGNED BY	DATE	DESCRIPTION
MA	7/18/16	FOR APPROVAL
CHECKED BY	DATE	DESCRIPTION
MA	8/3/16	REV GUY ANCHOR
APPROVED BY	DATE	DESCRIPTION
MA	8/24/16	FOR CONSTRUCTION
MA	11/23/16	GENERAL REV

3. ERECTION (CONTINUED)
- 3.7 INSTALL NEW ANTENNA MOUNTS AS DESCRIBED IN THE NOTES SECTION UNDER THE DESIGN ANTENNA LIST.
- 3.8 IF THE TRANSMISSION LINES ARE NOT LOCATED AS SHOWN ON THESE DRAWINGS OR IF ANTENNA MOUNTS SUBSTANTIALLY LARGER THAN DESCRIBED ARE INSTALLED, OVER STRESS OF THE TOWER MAY OCCUR. A RE-ANALYSIS OF THE TOWER MAY BE NECESSARY TO DETERMINE THE STRESS STATE OF THE TOWER.
- 3.9 THE REPLACEMENT OF DIAGONAL MEMBERS SHALL BE ONE CONTINUOUS OPERATION. REPLACE ONE DIAGONAL AT A TIME. PROVIDE TEMPORARY BRACING AS REQUIRED. NO MEMBER REPLACEMENT SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 3.10 THE RELOCATION OF GUY WIRES SHALL BE ONE CONTINUOUS OPERATION. RELOCATE ONE GUY WIRE AT A TIME. PROVIDE TEMPORARY GUYING AS REQUIRED. NO GUY WIRE REMOVAL SHALL BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 3.11 RELOCATED GUY WIRES SHALL BE GROUNDED PER OWNERS REQUIREMENTS.
- 3.12 WHERE FIELD WORK IS CARRIED OUT NEAR EXISTING COAX AND ANTENNAS, EXTREME CARE SHALL BE EXERCISED AND PROTECTION PROVIDED AS REQUIRED TO PREVENT DAMAGE TO TRANSMISSION EQUIPMENT OR INTERRUPTION OF TRANSMISSION SERVICE.
- 3.13 NEW BOLTS SHALL BE TIGHTENED AND TENSIONED BY THE "TURN OF THE NUT" METHOD, PER AISC MANUAL OF STEEL CONSTRUCTION, I.E. 1/3 TURN BEYOND "SNUG" TIGHT.
- 3.14 U-BOLTS SHALL BE "SNUG" TIGHT, DO NOT BEND PLATES.
- 3.15 AFTER TOWER MODIFICATIONS HAVE BEEN COMPLETED, RETENSION ALL GUYS TO THE INITIAL TENSION (I.T.) SHOWN AND REPLUMB THE TOWER.
- 3.16 ALL CONSTRUCTION PROCEDURES SHALL COMPLY WITH THE SAFETY REQUIREMENTS OF OSHA, THE OWNER, AND OTHER APPLICABLE REGULATIONS.
- 3.17 ANY CHANGES FROM THESE DRAWINGS SHALL BE REQUESTED IN WRITING AND MAY NOT BE MADE WITHOUT WRITTEN CONSENT FROM PATE ENGINEERING, INC.
4. PROCEDURE FOR INSTALLATION OF COAX LEG REINFORCING
 - 4.1 ONLY (1) OF THE CHANNE REINFORCING MEMBERS (IN WHICHEVER SECTION IS BEING WORKED ON) MAY BE INSTALLED AT A TIME. PROVIDE TEMPORARY BRACING AS REQUIRED. NONE OF THIS WORK IS TO BE STARTED IF STRONG WINDS OR GUSTS ARE EXPECTED OR EXPERIENCED. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 - 4.2 PROCEDURE ①
 - 4.2.1 THE LEG REINFORCING ABOVE THE TOP TORQUE ARM MEMBER IS TO BE INSTALLED TO COMPLETION. PRIOR TO ANY WORK ON ANY OTHER SECTION, THIS PART OF THE WORK WILL NOT INVOLVE REMOVAL OF ANY TORQUE ARM CONNECTIONS AND WILL STRENGTHEN THE UPPER TORQUE ARM CONNECTION AFTER COMPLETION.
 - 4.3 PROCEDURE ②
 - 4.3.1 THE LEG REINFORCING CHANNELS BELOW THE BOTTOM OF THE TORQUE ARM IS TO BE INSTALLED TO COMPLETION. SECOND, THIS IS TO BE DONE PRIOR TO THE SECTION OF REINFORCING INSIDE THE TORQUE ARM. THE (3) LOWER TORQUE ARM BOLTS THAT ARE BEING REPLACED ARE TO BE REMOVED AND REPLACED (1) AT A TIME.
 - 4.4 PROCEDURE ③
 - 4.4.1 THE LEG REINFORCING CHANNELS THAT ARE INSIDE OF THE TORQUE ARM ARE TO BE INSTALLED LAST. THE (2) LOWER AND (2) UPPER TORQUE ARM BOLTS THAT ARE BEING REPLACED ARE TO BE REMOVED AND REPLACED (1) AT A TIME.

ALL DRAWINGS, SPECIFICATIONS OR WRITTEN MATERIAL, APPEARING HEREIN, CONSTITUTE INSTRUMENTS OF SERVICE OF PATE ENGINEERING, INC. AND MAY NOT BE DUPLICATED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF PATE ENGINEERING, INC. © PATE ENGINEERING, INC., 2016

DRAWING TITLE NOTES		JOB TITLE MODIFICATION TO EXISTING 480 ± GUYED TOWER KEYSTONE SITE		 Pate Engineering Inc. 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL CERTIFICATE OF AUTHORIZATION #4524		DESIGNED BY: M4 DRAWN BY: M4 CHECKED BY: M4 APPROVED BY: 1				DRAWING RECORD <table border="1"> <thead> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>FOR APPROVAL</td> <td>7/16/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>REV GUY ANCHOR</td> <td>8/3/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>C</td> <td>FOR CONSTRUCTION</td> <td>8/24/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>D</td> <td>GENERAL REV</td> <td>11/23/16</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	A	FOR APPROVAL	7/16/16				B	REV GUY ANCHOR	8/3/16				C	FOR CONSTRUCTION	8/24/16				D	GENERAL REV	11/23/16			
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE																																						
A	FOR APPROVAL	7/16/16																																									
B	REV GUY ANCHOR	8/3/16																																									
C	FOR CONSTRUCTION	8/24/16																																									
D	GENERAL REV	11/23/16																																									
JOB NUMBER 16-1418		DRAWING NO. KS-14 OF 14		REV. 1																																							

Addendum No. 4
[December 19, 2016 Pate Engineering Inc. Letter]



13540 N. Florida Avenue, Suite 203
Tampa, Florida 33613
www.pateengineering.com
(813) 960-0002
FL CA #4524

December 19, 2016

Motorola Solutions, Inc.
1851 NE 65th Street
Ft. Lauderdale, Florida 33308
Attn: Mr. Jim Redington

Re: 480-Ft Guyed Tower
Keystone Site
Our Job # 16-141B

Dear Mr. Redington,

During construction of the tower modifications on the Keystone site, damage was noted on the South tower leg at approximately 425' elevation. The site was visited on 11/19/2016 to observe this damage.

The tower modification design was revised to add additional tower bracing and to reinforce the area around this leg damage. After the tower modifications shown on Drawings KS-1 to 14 of 14, rev. 1, dated 11/23/2016 are properly completed, and the tower loading is changed to the final configuration required by those drawings, the tower will meet the requirements of ANSI/TIA-222-G-2 and the Florida Building Code 5th Edition (2014) for the criteria shown on the referenced drawings.

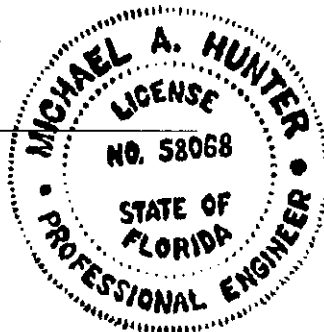
If you have any questions regarding this letter, please call.

Pate Engineering, Inc.

Michael A. Hunter
By: Hunter

Digitally signed by
Michael A. Hunter
Date: 2016.12.19
09:19:10 -05'00'

Michael A. Hunter, P.E.
Florida P.E. No. 58068



This item has been electronically signed and sealed by Michael A. Hunter, PE on 12/19/2016 using a Digital Signature.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: Board of County Commissioners

DATE: 1/3/2017

FROM: Dale Smith, P.E.

SUBJECT:

Request approval of the Acceptance of Maintenance of Streets and Drainage for Azalea Ridge Subdivision Unit 2 Phase 3.

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

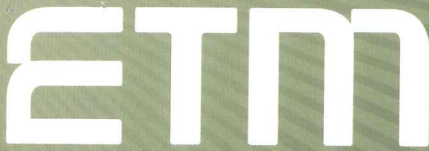
D.R. Horton, Inc. - Jacksonville has requested acceptance of maintenance for the streets and drainage for the aforementioned single family style subdivision. The subdivision has been designed and substantially constructed per the Clay County Development Code except for the final lift of asphalt. This final lift of asphalt is reflected in a previously approved agreement between Clay County and D.R. Horton.

ATTACHMENTS:

Description	Type	Upload Date	File Name
▣ Acceptance Package	Cover Memo	1/5/2017	Final_Acceptance_Package.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Public Works	Slaybaugh, Jaclyn	Approved	1/6/2017 - 3:39 PM	Item Pushed to Agenda



VISION • EXPERIENCE • RESULTS

www.etminc.com

tel 904-642-8990 • fax 904-646-9485

14775 Old St. Augustine Road • Jacksonville, Florida 32258

August 15, 2016

Board of County Commissioners
Clay County
477 Houston Street
Green Cove Springs, Florida 32043

Reference: Azalea Ridge Unit Two, Phase 3 (Lots 47-69, 225-232, 260-272 & 288-297)
Acceptance of Streets & Drainage
ETM No. 13-078

Dear Sir:

This letter is to advise you that, based upon limited field inspection, review of the contractor's as-built drawings, review of paving and drainage, and materials and testing reports, we have found that the paving and storm drainage systems, are complete and in substantial compliance with the approved plans and specifications. This certification is made to the Board of County Commissioners, Clay County, to induce the Board of County Commissioners, Clay County, to accept the project for operation and maintenance. This certification is not to be used for any other purpose nor relied upon by any other than the Board of County Commissioners, Clay County.

The street that we are requesting acceptance by the Board of County Commissioners, Clay County for maintenance is:

Rolling Brook Court	Sta. 10+00 to Sta. 10+50
Great Loop Falls (North).....	Sta. 10+50 to Sta. 21+00
Rock Springs Way.....	Sta. 16+00 to Sta. 20+85
Cherry Creek Way.....	Sta. 16+00 to Sta. 19+90

The following outlines the approximate value of the improvements.

- | | |
|------------------|---------------|
| 1. Roadway/Curb: | \$ 213,510.00 |
| 2. Drainage: | \$ 100,435.00 |

Sincerely,
ENGLAND, THIMS & MILLER, INC.

K.T. Peter Ma, P.E.
Vice President / Principal



August 15, 2016

Clay County Board of County Commissioners
477 Houston Street
Green Cove Springs, FL 32043

RE: Azalea Ridge Unit Two, Phase 3 (Lots 47-69, 225-232, 260-272 & 288-297)
Acceptance of Streets & Drainage
ETM Proj. Num 13-078

To Whom It May Concern:

The purpose of this letter is to request final acceptance of the streets and drainage for Azalea Ridge Unit Two, Phase 3 (Lots 47-69, 225-232, 260-272 & 288-297) from the Clay County Board of County Commissioners. This will include:

- 485 LF of Rock Springs Way
- 1,050 LF of Great Loop Falls (North)
- 50 LF of Rolling Brook Court
- 390 LF of Cherry Creek Way

If you have any questions, please contact me at (904) 268-2845.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Cunningham".

John Cunningham
D.R. Horton Inc. – Jacksonville, FL



PALM BEACH GRADING, INC.

8451 SW Old Kansas Ave. Stuart Fla. 34997

Phone: (772) 678 4029 Fax: (772) 678 4374

Prepared By: Austin Perez

aperez@pbgrading.net

Cell Number 561-719-8225

Quote To:

Robert Porter

Azalea Ridge

DR Horton

Project: Azalea Ridge PH-3

Date: 6-10-15

Change Order Request

ITEM	CODE	QUANTITY	UNIT	DESCRIPTION	PRICE	TOTAL
1				<u>EARTHWORK & DEMOLITION</u>		
A		15	AC	Clearing & Grubbing	\$ 1,200.00	\$ 18,000.00
B		7,291	CY	4" Stripping	\$ 1.00	\$ 7,291.00
C		7,069	CY	Excavation	\$ 2.50	\$ 17,672.50
D		11,516	CY	Place & Compact	\$ 1.15	\$ 13,243.40
E		54	EA	Fine Grade Lots	\$ 250.00	\$ 13,500.00
F		1	LS	Rough Grade R/W	\$ 5,000.00	\$ 5,000.00
G		1,950	LF	Silt Fence	\$ 2.50	\$ 4,875.00
H		72,750	SY	Seed & Mulch	\$ 0.45	\$ 32,737.50
I		1	LS	Survey	\$ 6,100.00	\$ 6,100.00
I		1	LS	Testing	\$ 9,800.00	\$ 9,800.00
						\$ 128,219.40
2				<u>STREET IMPROVEMENTS ONSITE</u>		
A		5,003	SY	12" Stabilized Subgrade LBR - 40	\$ 4.00	\$ 20,012.00
B		2,178	SY	6" Crushed Concrete Base	\$ 12.50	\$ 27,225.00
C		2,825	SY	7" Crushed Concrete Base	\$ 13.00	\$ 36,725.00
D		3,511	LF	Standard Curb & Gutter	\$ 11.00	\$ 38,621.00
E		120	SY	Valley Gutter	\$ 9.50	\$ 1,140.00
H		8	SY	Handicap Ramps	\$ 750.00	\$ 6,000.00
I		5,003	SY	Prime Coat	\$ 0.85	\$ 4,252.55
J		5,003	SY	1.5 Type SP 9.5 Asphaltic Concrete	\$ 11.20	\$ 56,033.60
K		1	LS	Pavement Markings	\$ 8,500.00	\$ 8,500.00
L		1	LS	Survey	\$ 15,000.00	\$ 15,000.00
						\$ 213,509.15
4				<u>ON - SITE DRAINAGE</u>		
A		869	LF	18" RCP	\$ 30.00	\$ 26,070.00
B		229	LF	24" RCP	\$ 38.00	\$ 8,702.00
C		77	LF	19" x 30" ERCP	\$ 55.00	\$ 4,235.00
D		7	LF	Curb Inlets	\$ 3,600.00	\$ 25,200.00
E		1	LF	Double Curb Inlet	\$ 6,200.00	\$ 6,200.00
F		1	EA	Triple Curb Inlet	\$ 9,500.00	\$ 9,500.00
G		2	EA	19" x 30" Mitered End Section	\$ 950.00	\$ 1,900.00
H		2	EA	Storm Manhole	\$ 2,800.00	\$ 5,600.00
O		1,175	LF	TV	\$ 3.00	\$ 3,525.00
P		1	LS	Survey	\$ 9,500.00	\$ 9,500.00
						\$ 100,432.00
5				<u>SEWER COLLECTIONSYSTEM</u>		
A		1,140	LF	8" PVC Sanitary Main	\$ 30.00	\$ 34,200.00
C		52	EA	Sanitary Laterals 6" W/Marks	\$ 550.00	\$ 28,600.00
D		7	EA	Sanitary Manholes Type A	\$ 3,600.00	\$ 25,200.00
F		4	EA	Tie Into Existing Sanitary Manholes	\$ 2,500.00	\$ 10,000.00
H		1	LS	Testing	\$ 4,500.00	\$ 4,500.00
I		1	LS	Survey	\$ 12,500.00	\$ 12,500.00
						\$ 115,000.00

<u>Z</u>			<u>WATER MAIN</u>			
A	80	LF	4" PVC Water Main (DR-26)	\$ 18.00	\$	1,440.00
B	925	LF	8" PVC Water Main (DR-26)	\$ 26.30	\$	24,327.50
C	920	EA	10" PVC Water Main (DR-26)	\$ 32.60	\$	29,992.00
D	14	EA	Fittings	\$ 850.00	\$	11,900.00
E	1	EA	4" Gate Valve	\$ 950.00	\$	950.00
E	3	EA	8" Gate Valve	\$ 1,100.00	\$	3,300.00
F	4	EA	10" Gate Valve	\$ 1,250.00	\$	5,000.00
G	3	EA	Fire Hydrant Assembly off of 8" Main	\$ 3,200.00	\$	9,600.00
H	1	LS	Fire Hydrant Assembly off of 10" Main	\$ 3,950.00	\$	3,950.00
I	2	EA	Single Long Water Service	\$ 650.00	\$	1,300.00
J	19	EA	Double Short Water Service	\$ 850.00	\$	16,150.00
K	9	EA	Double Long Water Service	\$ 950.00	\$	8,550.00
L	6	EA	Sample Points	\$ 400.00	\$	2,400.00
M	1	LS	Testing	\$ 3,000.00	\$	3,000.00
N	1	LS	Survey	\$ 8,500.00	\$	8,500.00
					\$	130,359.50

<u>8</u>			<u>STORM WATER POLLUTION PREVENTION PLAN</u>			
A	8,500	LF	Silt Fence	\$ 2.00	\$	17,000.00
B	22	EA	Inlet Protection	\$ 125.00	\$	2,750.00
C	52	EA	Seeding Pads	\$ 100.00	\$	5,200.00
D	5,851	SY	Seeding R/W	\$ 0.50	\$	2,925.50
E	600	SY	Sod 1' Back of Curb & SW	\$ 3.00	\$	1,800.00
F	1	LS	Survey	\$ 8,500.00	\$	8,500.00
					\$	38,175.50

<u>9</u>			<u>BOND</u>			
A	1	LS	Payment & Performance Bond	\$ 45,000.00	\$	45,000.00
					\$	45,000.00

<u>10</u>			<u>RECLAIMED WATER</u>			
A	176	LF	4" PVC Reclaim Main (DR-26)	\$ 15.00	\$	2,640.00
B	820	LF	6" PVC Reclaim Main (DR-26)	\$ 17.50	\$	14,350.00
C	965	LF	12" PVC Reclaim Main (DR-26)	\$ 43.50	\$	41,977.50
D	1	LS	Fittings	\$ 950.00	\$	950.00
E	1	EA	4" Gate Valve & Box	\$ 950.00	\$	950.00
F	2	EA	6" gate Valve & Box	\$ 950.00	\$	1,900.00
G	1	EA	12" Gate Valve & Box	\$ 1,750.00	\$	1,750.00
H	1	EA	Short Single Reclaim Service	\$ 650.00	\$	650.00
I	8	EA	Short Double Reclaim Service	\$ 850.00	\$	6,800.00
J	1	LS	Long Single Reclaim Service	\$ 650.00	\$	650.00
K	17	EA	Long Double Reclaim Service	\$ 850.00	\$	14,450.00
L	1	EA	2" Below Grade Flushing Hydrant	\$ 1,250.00	\$	1,250.00
M	4	EA	Remove Plug & Connect to Existing	\$ 2,200.00	\$	8,800.00
N	1	LS	Testing	\$ 3,000.00	\$	3,000.00
O	1	LS	Survey	\$ 8,500.00	\$	8,500.00
					\$	108,617.50

Gland Total \$ 879,313.05

SUBDIVISION MAINTENANCE WARRANTY BOND
BOND NO. SU1141219

CLAY COUNTY
FLORIDA

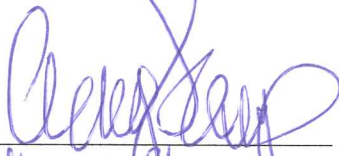
KNOW ALL MEN BY THESE PRESENTS, That **D.R. Horton Inc., - Jacksonville** of **4220 Race Track Rd., St. Johns, FL 32259**, as Principal and, **Arch Insurance Company, 1125 Sanctuary Parkway, Ste. 200, Alpharetta, GA 30009**, as Surety, are held and firmly bound unto the **BOARD OF COUNTY COMMISSIONERS OF CLAY COUNTY, FLORIDA** as Obligee, in the sum of **Three Hundred Thirteen Thousand Nine Hundred Forty Five Dollars and No Cents (\$313,945.00)** FOR THE PAYMENT OF WHICH SAID Principal and Surety bind themselves, administrators, executors, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal is the Contractor for **Azalea Ridge Unit Two Phase 3 Lots 47-69; 225-232; 260-272; and 288-297**, as the same is platted and recorded in Plat Book 57 Pages 24-29, Public Records of Clay county, Florida; and said Board has agreed that Clay county shall accept certain street, sidewalk, grassing and drainage improvements within said **Azalea Ridge Unit Two** for maintenance, provided that the Principal and Surety deliver to the Board a maintenance warranty bond, guaranteeing said improvements against faulty workmanship and materials, said bond and guarantee to be in full force and effect for a minimum of 24 months, beginning **January 10th 2017** and this bond shall serve as said maintenance warranty, incorporating by reference the provisions of Section 9-3(3) of Article IX of the Clay County Land Development Code, as amended, as the same codified under Chapter 20 of the Clay County Code; and this bond shall remain in full force and effect from its effective date for minimum period of at least two (2) years to expire only as provided in Article IX of the Clay County Land Development Code.

NOW THEREFORE, THE CONDITIONS OF THIS OBLIGATION ARE SUCH that if the Principal shall fully guarantee, indemnify and save harmless Clay County from all loss, cost, expenses and damages, for any repairs or replacements arising out of defective workmanship or materials in the construction or installation of said improvements, then this obligation shall be null and void; otherwise to be and remain in full force under the provisions Article IX of the Clay County Land Development Code as to any claims arising prior to its termination as provided within.

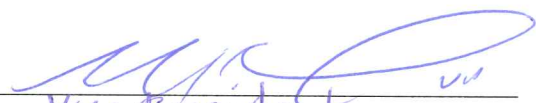
Signed, sealed and dated this 14th day of December, 2016

Witness:



Anthony Sharp

D.R. Horton Inc., - Jacksonville

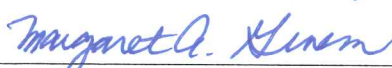
By: 
It's: Vice President
Print Name: Philip A. Trueman

Witness:



Gloria Robb

Arch Insurance Company

By: 
It's: Attorney-in-Fact & FL Licensed Resident Agent
Print Name: Margaret A. Ginem

Approved : Clay County

By: _____

c/o Willis of Florida, Inc.
4211 W. Boy Scout Blvd., Ste. 1000
Tampa, FL 33607
Inquiries: (813) 281-2095

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON BLUE BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for Mortgage, Note, Loan, Letter of Credit, Bank Deposit, Currency Rate, Interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:

That the Arch Insurance Company, a corporation organized and existing under the laws of the State of Missouri, having its principal administrative office in Jersey City, New Jersey (hereinafter referred to as the "Company") does hereby appoint:

Anett Cardinale, Brandy Baich, David H. Carr, Eileen C. Heard and Margaret A. Ginem of Tampa, FL (EACH)

its true and lawful Attorney(s)in-Fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf as surety, and as its act and deed:

Any and all bonds, undertakings, recognizances and other surety obligations, in the penal sum not exceeding Ninety Million Dollars (\$90,000,000.00).

This authority does not permit the same obligation to be split into two or more bonds In order to bring each such bond within the dollar limit of authority as set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents shall be as binding upon the said Company as fully and amply to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on September 15, 2011, true and accurate copies of which are hereinafter set forth and are hereby certified to by the undersigned Secretary as being in full force and effect:

"VOTED, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys-in-fact, and to authorize them subject to the limitations set forth in their respective powers of attorney, to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances and other surety obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of process."

This Power of Attorney is signed, sealed and certified by facsimile under and by authority of the following resolution adopted by the unanimous consent of the Board of Directors of the Company on September 15, 2011:

VOTED, That the signature of the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, and the signature of the Secretary, the seal of the Company, and certifications by the Secretary, may be affixed by facsimile on any power of attorney or bond executed pursuant to the resolution adopted by the Board of Directors on September 15, 2011, and any such power so executed, sealed and certified with respect to any bond or undertaking to which it is attached, shall continue to be valid and binding upon the Company.



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: County Commissioners

DATE: 1/3/2017

FROM: County Manager

SUBJECT:

Randy Harris submitted an application August 9, 2016 to serve on the Clay County Historic Preservation Board, District 5. At that time, Commissioner Gayward Hendry served in that capacity, resigning after the General Election on November 28, 2016. Requesting the Boards consideration and approval to appoint Mr. Harris to the CCHPB, District 5. He has attended several of their meetings and shows an interest in the Board.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description	Type	Upload Date	File Name
▢ Randy Harris HPB Application	Cover Memo	1/3/2017	Randy_Harris_HP_B_Application.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:10 AM	
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:10 AM	

NAME OF BOARD/COMMISSION/COMMITTEE YOU ARE APPLYING FOR:

NAME AND ADDRESS		DISTRICT	
[Name] RANDY HARRIS [Street Address] 2988 QUAPAW TR. [City, ST ZIP Code] MIDDLEBURG, FL 32069		[District] 5 [Number of Years Resided] 20	
PHONE AND EMAIL		EMPLOYER	
[Phone] 904-505-4827 [Email] RHARRIS@CLAYCOUNTYSOUNDER.COM		[Name] [Phone] [Position] US NAVY RETIRED [Number of Years]	
VOTER INFORMATION		COMMITTEE INFO	
Registered Voter <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		What Committee Are You Applying For?	
		DIRECTOR OF OPERATION MANAGEMENT	
EDUCATION			
SCHOOLS	YEARS	DEGREE	
OPHS	5	—	
HILSBORO COUNTY AED		YES	
SOUTHERN ILL UNIVERSITY		COURSES	
SOUTHERN UNION		COURSES	
VOLUNTEER, CIVIC, PROFESSIONAL & OTHER ACTIVITIES			
Please list any volunteer service organizations, clubs, or professional Societies that you are member of or titles you may have held. Please include committee and advisory boards.			
ORGANIZATION/COMMITTEE	YEARS	POSITION	
VFW	LIFETIME		
CLAY COUNTY HIST. SOC.	YRS		
HISTORICAL SOCIETY ORANGE PARK	YRS		
HABITAT FOR HUMANITY	1 YEAR		
GREEN COVE SPRINGS FOOD PANTRY		CURRENT	
MILITARY MUSEUM BOD			
REASONS FOR SERVING			
Describe any additional knowledge, skill, education or experience you have, which would assist you in the duties of the board/committee.			
[Description] CLAYCOUNTYSOUNDER.COM			
Explain why you want to serve on this board/committee, and include any particular potential contribution your selection would bring.			
[Explanation] HISTORICAL INTERESTS HISTORICAL PHOTOGRAPHY PUBLISHED AUTHOR			
MISCELLANEOUS			
Potential Conflict of Interest: Do you do business or are you engaged in the management of any business enterprise that has a financial interest in Clay County Government? Please give details, including the name of the enterprise, the nature of the business, and the position you hold.			
[Explanation] N/A			

MISCELLANEOUS Continued

Have you ever been convicted for violation of any federal, state, county or municipal law, regulation or ordinance? If so, give details. Do not include traffic violations or fines of \$100 or less that were imposed, unless it also included a jail sentence.

[Explanation]

N/A

REFERENCES

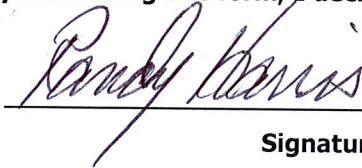
List names, addresses and telephone numbers of at least three persons who are qualified to comment on your qualifications and of whom inquiry may be made by Clay County Board of County Commissioners.

NAME	ADDRESS	TELEPHONE
CINDY CHEATWOOD		
VAN HOGAN		904-631-8309
CAROLYN DAY		
MARILYN HADDOCK		
STEVE HOWARD		904-955-4795

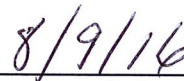
ADDITIONAL INFORMATION AND COMMENTS

[Comments]

By submitting this form, I declare the foregoing facts to be true, correct and complete.



Signature



Date



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: BCC

DATE:

FROM:
County
Manager

SUBJECT:

AGENDA
ITEM
TYPE:

ATTACHMENTS:

Description	Type	Upload Date	File Name
▣ Memo	Cover Memo	1/5/2017	2016_HSIP_Memo_(003).doc
▣ Application CR220 & East West Parkway	Cover Memo	1/5/2017	2016_HSIP_Application_CR- 220___East-West_Signed.pdf
▣ Application CR 220 & Town Center	Cover Memo	1/5/2017	2016_HSIP_Application_CR- 220___Town_Center_Boulevard.pdf
▣ Application US17 & Eagle Harbor	Cover Memo	1/5/2017	2016_HSIP_Application_US- 17___Eagle_Harbor_Signed.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
County Manager	Slaybaugh, Jaclyn	Approved	1/6/2017 - 3:39 PM	Item Pushed to Agenda



CLAY COUNTY FLORIDA

Engineering and Public Works Department

Engineering Division

Mailing Address

P.O. Box 1366
Green Cove Springs, FL
32043

Physical Address

477 Houston Street
3rd Floor, Admin. Building
Green Cove Springs, FL
32043

Area Code: 904
Phone: 284-6301
269-6301
Fax: 278-4708

County Manager

Stephanie C. Kopelousos

Commissioners:

Mike Cella
District 1

Wayne Bolla
District 2

Diane Hutchings
District 3

Buck Burney
District 4

Gayward Hendry
District 5

Switchboard:

GCS (904) 284-6300
KH (352) 473-3711
KL (904) 533-2111
OP/MBG (904) 269-6300

www.claycountygov.com

TO: BCC
FROM: Dale Smith
DATE: January 5, 2017
RE: FDOT Highway Safety Improvement Program

Issue: FDOT solicited grants for the Highway Safety Improvement Program. These grants do not require matching of funds from the County.

Background: FDOT solicited proposals in late October with data required that were going to be difficult to develop in time for the December 31, 2016 deadline. Preliminary Engineering and estimates were completed after Christmas and the application were sent in on December 30, 2016. The county is requesting that FDOT fully fund these improvements

The three projects developed for your consideration are:

- Intersection Improvement at CR-220 & East-West Parkway
 - Re-align the CR 220 left-turn bays to improve visibility and extend these bays to provide additional queuing/storage capacity. – Estimated cost \$ 110,228.69
 -
- Intersection Improvement at CR-220 & Town Center Boulevard
 - Construct a second northbound-to-westbound left-turn bay which includes reducing lane widths to 11' and constructing a traffic separator – Estimated cost \$ 214,850
- Intersection Improvement at US-17 & Eagle Harbor Parkway
 - Extending the inside left-turn lane of the eastbound approach, to provide additional storage for this second left-turn bay. Estimated cost \$73,755.12

Recommendation: Staff recommends prioritization and submission of all three projects.

Application

2016/2017 Off-System Highway Safety Improvement Program

Project Description

Priority No.: 2

Project Title: County Road 220 & East-West Parkway

SHSP Emphasis Area(s): ☒ Intersection Crashes ☐ Lane Departure ☐ Vulnerable Road Users

County: Clay County

City/Town: N/A

Location: Intersection of County Road 220 & East-West Parkway in Fleming Island

Description:
(500 words or less)

Based on field observations, the study intersection experiences heavy northbound-to-westbound left-turn volumes, especially during the midday and PM peak hours.

Contact Information

Maintaining Agency: Clay County Board of County Commissioners

Contact Person: Dale Smith, PE

Address: 477 Houston Street

City: Green Cove Springs

Florida

Zip: 32043

Phone: (904) 284-6335

E-mail: dale.smith@claycountygov.com

Local Agency Program (LAP) Willingness

The Local Agency Program (LAP) is the Department's primary delivery mechanism for off-system projects included in the Five-Year Adopted Work Program, as opposed to the Florida Department of Transportation (the Department) administering the off-system project.

1. Is your agency Local Agency Program (LAP) Certified? Yes ☒ No ☐ Certification Type: ☐ Project Specific ☐ Full
2. If answered no to #1, is your agency interested in being LAP Certified? Yes ☐ No ☐
3. If answered no to #2, identify Sponsoring LAP Certified Agency _____

Note: Your signature below indicates your agency's willingness to enter into a LAP or other formal agreement with Florida Department of Transportation (FDOT) to complete the project if selected for funding. **To be completed by the Certified LAP Agency or Sponsoring Certified LAP Agency**

Dale Smith, PE

Name

Director of Engineering and Public Works

Title



Signature

12/30/16

Date

Application

2016/2017 Off-System Highway Safety Improvement Program

Application Summary

County: Clay County City/Town: N/A
Facility Type: ☐ Corridor ☒ Intersection ☒ Rural ☐ Urban ☐ Suburban
Road Name: County Road 220
Intersecting Roadway (N/A ☐): East-West Parkway
Section (N/A ☒): _____ Mile station (N/A ☒): _____ to _____ Length (N/A ☒): _____

Problem description: (identify types of crashes/injuries targeted for reduction):

Predominant crash type: twenty-one (21) rear-end, six (6) left turn, four (4) off road, one (1) angle, one (1) sideswipe, one (1) rollover, and one (1) pedestrian, with careless driving as the predominant contributing cause. A total of thirty-five (35) collisions.

Scope of Work/Proposed Improvement(s)

☐ Systematic Improvements ☐ N/A

Currently, there is a single left-turn bay for northbound traffic at this "T" intersection. Utilizing the existing right-of-way width, construct a second northbound-to-westbound left-turn bay which includes reducing lane widths to 11' and constructing a traffic separator.

Infrastructure Impacts

Select only one (1)	<input type="checkbox"/>	No Drainage Impact – no drainage work required
	<input type="checkbox"/>	Major Drainage Impact – relocating or installing new curb inlets or other extensive drainage work is required, or drainage impact has not yet been determined
	<input checked="" type="checkbox"/>	Minor Drainage Impact – extending pipes, reconfiguring swales or other minor work is required
Select all that apply	<input type="checkbox"/>	Relocation of private gas utility or fiber optic communication cable is not required
	<input type="checkbox"/>	Relocation of public/private water or sewer utility is not required
	<input type="checkbox"/>	Relocation of telephone, power, cable TV utilities is not required
	<input checked="" type="checkbox"/>	No specimen or historic trees ≥ 18" diameter will be removed or destroyed

Summary of Project Cost Estimate and Schedule

Phase	Estimated Cost (\$)	Requested Funding (\$)	Requested FDOT Fiscal Year
Design	16,958.26	16,958.26	Earliest Available
ROW			
Construction	54,353.4	54,353.4	Earliest Available
MOT & Mobilization	10,870.68	10,870.68	Earliest Available
CEI	8,479.13	8,479.13	Earliest Available
Other			
Contingency	19,567.22	19,567.22	Earliest Available
Total	110,228.69	110,228.69	Earliest Available

Note: Appropriate / required documentation must be provided for application. All applications will be evaluated for constructability and cost estimates will be adjusted accordingly.

Benefit-Cost Ratio: 6.6

Application

2016/2017 Off-System Highway Safety Improvement Program



Project Description

Priority No.: 1

Project Title: County Road 220 & Town Center Boulevard

SHSP Emphasis Area(s): ☒ Intersection Crashes ☐ Lane Departure ☐ Vulnerable Road Users

County: Clay County

City/Town: N/A

Location: Intersection of County Road 220 & Town Center Boulevard in Fleming Island

Description:
(500 words or
less)

The signalized intersection of CR 220 and Town Center Boulevard experiences a high number of collisions each year.

Contact Information

Maintaining Agency: Clay County Board of County Commissioners

Contact Person: Dale Smith, PE

Address: 477 Houston Street

City: Green Cove Springs

Florida

Zip: 32043

Phone: (904) 284-6335

E-mail: dale.smith@claycountygov.com

Local Agency Program (LAP) Willingness

The Local Agency Program (LAP) is the Department's primary delivery mechanism for off-system projects included in the Five-Year Adopted Work Program, as opposed to the Florida Department of Transportation (the Department) administering the off-system project.

1. Is your agency Local Agency Program (LAP) Certified? Yes ☒ No ☐ Certification Type: ☐ Project Specific ☐ Full
2. If answered no to #1, is your agency interested in being LAP Certified? Yes ☐ No ☐
3. If answered no to #2, identify Sponsoring LAP Certified Agency _____

Note: Your signature below indicates your agency's willingness to enter into a LAP or other formal agreement with Florida Department of Transportation (FDOT) to complete the project if selected for funding. **To be completed by the Certified LAP Agency or Sponsoring Certified LAP Agency**

Dale Smith, PE

Name

Director of Engineering and Public Works

Title

A handwritten signature in blue ink, appearing to read "Dale Smith", written over a horizontal line.

Signature

12/30/16
Date

Application

2016/2017 Off-System Highway Safety Improvement Program

Application Summary

County: Clay County City/Town: N/A
Facility Type: ☐ Corridor ☒ Intersection ☒ Rural ☐ Urban ☐ Suburban
Road Name: County Road 220
Intersecting Roadway (N/A ☐): Town Center Boulevard
Section (N/A ☒): _____ Mile station (N/A ☒): _____ to _____ Length (N/A ☒): _____

Problem description: (identify types of crashes/injuries targeted for reduction):

Predominant crash type: forty-four (44) rear-end, twelve (12) left turn, four (4) sideswipe, three (3) off-road, two (2) angle, one (1) improper backing, with careless driving as the predominant contributing cause. A total of sixty-six (66) collisions.

Scope of Work/Proposed Improvement(s)

☐ Systematic Improvements ☐ N/A

Re-align the CR 220 left-turn bays to improve visibility and extend these bays to provide additional queuing/storage capacity.

Infrastructure Impacts

Select only one (1)	<input type="checkbox"/>	No Drainage Impact – no drainage work required
	<input type="checkbox"/>	Major Drainage Impact – relocating or installing new curb inlets or other extensive drainage work is required, or drainage impact has not yet been determined
	<input checked="" type="checkbox"/>	Minor Drainage Impact – extending pipes, reconfiguring swales or other minor work is required
Select all that apply	<input type="checkbox"/>	Relocation of private gas utility or fiber optic communication cable is not required
	<input type="checkbox"/>	Relocation of public/private water or sewer utility is not required
	<input type="checkbox"/>	Relocation of telephone, power, cable TV utilities is not required
	<input type="checkbox"/>	No specimen or historic trees ≥ 18" diameter will be removed or destroyed

Summary of Project Cost Estimate and Schedule

Phase	Estimated Cost (\$)	Requested Funding (\$)	Requested FDOT Fiscal Year
Design	33,054.02	33,054.02	Earliest Available
ROW	0	0	
Construction	105,942.38	105,942.38	Earliest Available
MOT & Mobilization	21188.48	21188.48	Earliest Available
CEI	16,527.01	16,527.01	Earliest Available
Other	0	0	
Contingency	38,139.26	38,139.26	Earliest Available
Total	214851.13	214851.13	Earliest Available

Note: Appropriate / required documentation must be provided for application. All applications will be evaluated for constructability and cost estimates will be adjusted accordingly.

Benefit-Cost Ratio: 11.68

Application

2016/2017 Off-System Highway Safety Improvement Program



District Two

Project Description

Priority No.: 3

Project Title: US-17 & Eagle Harbor Parkway

SHSP Emphasis Area(s): ☒ Intersection Crashes ☐ Lane Departure ☐ Vulnerable Road Users

County: Clay County

City/Town: N/A

Location: Intersection of US-17 and Eagle Harbor Parkway in Fleming Island

Description:
(500 words or
less)

Based on field observations, the signalized intersection of Eagle Harbor Parkway and US 17 experiences heavy eastbound-to-northbound left-turn volumes.

Contact Information

Maintaining Agency: Clay County Board of County Commissioners

Contact Person: Dale Smith, PE

Address: 477 Houston Street

City: Green Cove Springs

Florida

Zip: 32043

Phone: (904) 284-6335

E-mail: dale.smith@claycountygov.com

Local Agency Program (LAP) Willingness

The Local Agency Program (LAP) is the Department's primary delivery mechanism for off-system projects included in the Five-Year Adopted Work Program, as opposed to the Florida Department of Transportation (the Department) administering the off-system project.

1. Is your agency Local Agency Program (LAP) Certified? Yes ☒ No ☐ Certification Type: ☐ Project Specific ☐ Full
2. If answered no to #1, is your agency interested in being LAP Certified? Yes ☐ No ☐
3. If answered no to #2, identify Sponsoring LAP Certified Agency _____

Note: Your signature below indicates your agency's willingness to enter into a LAP or other formal agreement with Florida Department of Transportation (FDOT) to complete the project if selected for funding. To be completed by the Certified LAP Agency or Sponsoring Certified LAP Agency

Dale Smith, PE

Director of Engineering and Public Works

Name

Title

Signature

12/30/14

Date

Application

2016/2017 Off-System Highway Safety Improvement Program

Application Summary

County: Clay County City/Town: N/A
Facility Type: ☐ Corridor ☒ Intersection ☒ Rural ☐ Urban ☐ Suburban
Road Name: Eagle Harbor Parkway
Intersecting Roadway (N/A ☐): US-17
Section (N/A ☒): _____ Mile station (N/A ☒): _____ to _____ Length (N/A ☒): _____

Problem description: (identify types of crashes/injuries targeted for reduction):

Predominant crash type: twenty-one (21) rear-end, six (6) left turn, four (4) off road, one (1) angle, one (1) sideswipe, one (1) rollover, and one (1) pedestrian, with careless driving as the predominant contributing cause. A total of thirty-five (35) collisions.

Scope of Work/Proposed Improvement(s)

☐ Systematic Improvements ☐ N/A

Extending the inside left-turn lane of the eastbound approach, to provide additional storage for this second left-turn bay.

Infrastructure Impacts

Select only one (1)	<input type="checkbox"/>	No Drainage Impact – no drainage work required
	<input type="checkbox"/>	Major Drainage Impact – relocating or installing new curb inlets or other extensive drainage work is required, or drainage impact has not yet been determined
	<input checked="" type="checkbox"/>	Minor Drainage Impact – extending pipes, reconfiguring swales or other minor work is required
Select all that apply	<input type="checkbox"/>	Relocation of private gas utility or fiber optic communication cable is not required
	<input type="checkbox"/>	Relocation of public/private water or sewer utility is not required
	<input type="checkbox"/>	Relocation of telephone, power, cable TV utilities is not required
	<input type="checkbox"/>	No specimen or historic trees ≥ 18" diameter will be removed or destroyed

Summary of Project Cost Estimate and Schedule

Phase	Estimated Cost (\$)	Requested Funding (\$)	Requested FDOT Fiscal Year
Design	11,346.94	11,346.94	Earliest Available
ROW			
Construction	36,368.40	36,368.40	Earliest Available
MOT & Mobilization	7,273.68	7,273.68	Earliest Available
CEI	5,673.47	5,673.47	Earliest Available
Other			
Contingency	13,092.63	13,092.63	Earliest Available
Total	73,755.12	73,755.12	Earliest Available

Note: Appropriate / required documentation must be provided for application. All applications will be evaluated for constructability and cost estimates will be adjusted accordingly.

Benefit-Cost Ratio: 3.83



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: BCC

DATE:

FROM: County Manager's Office

SUBJECT: Clay Electric Cooperative, Inc. requests the approval of the Clay County Board of Commissioners to use twelve voting machines and related tabulation equipment for the Cooperative's 79th Annual Meeting to be held on Thursday, March 30, 2017.

AGENDA ITEM TYPE:

ATTACHMENTS:

Description	Type	Upload Date	File Name
Request Letter	Cover Memo	12/27/2016	Request_by_Clay_Electric.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:29 AM	
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:30 AM	



Clay Electric Cooperative, Inc.

December 8, 2016

Clay County Board of County Commissioners
Post Office Box 1366
Green Cove Springs, Florida 32043-1366

Dear Commissioners,

Clay Electric Cooperative, Inc. would like to request the approval of the Clay County Board of Commissioners to use 12 voting machines and related tabulation equipment for the Cooperative's 79th Annual Meeting to be held on Thursday, March, 30, 2017. With your approval and in cooperation with the Supervisor of Elections office, we have utilized the voting machines and related tabulation equipment for the last few years with great success.

If approved by the Board of County Commissioners, we will coordinate the usage of the machines with Mr. Chambliss and will pay for any labor and transportation expense incurred by the Supervisor of Election's office to operate the tabulation equipment on the day of the meeting.

I look forward to hearing from you.

Sincerely,

Derick R. Thomas
Director, Member & Public Relations

/ep

cc: Mr. Chris Chambliss, Supervisor of Elections
Post Office Box 337
Green Cove Springs, Florida 32043

A Touchstone Energy® Cooperative



Post Office Box 308 Keystone Heights, Florida 32656-0308
(352) 473-8000 ext. 8266 FAX (352) 473-9366



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: Board of County
Commissioners

DATE: 12/13/2016

FROM: Teresa Capo

SUBJECT:

AGENDA ITEM
TYPE:

BACKGROUND INFORMATION:

N/A

ATTACHMENTS:

Description	Type	Upload Date	File Name
▣ Draft Planning Commission Minutes 12-06-16	Backup Material	12/13/2016	PC_Minutes_Packet_12-06-16.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Economic and Development Services	Coyle, Holly	Approved	12/13/2016 - 1:07 PM	
County Manager	Kopelousos, Stephanie	Approved	12/29/2016 - 11:55 AM	



PLANNING COMMISSION MINUTES

December 6, 2016

7:00 PM

Clay County Administration Building/Board of County
Commissioners Meeting Room

Call to Order

Present:

Joe Anzalone, Chairman
Belinda Johnson, Vice Chairman
Richard Fain
Scott Westervelt
James Fossa, CCSB
Major Ryan Leonard, Camp Blanding

Absent:

Marsha Dumler
Michael Bourré

Staff Present:

Courtney Grimm, County Attorney
Ed Lehman, Director of Planning & Zoning
Chad Williams, Zoning Chief
Teresa Capo, Recording Secretary

1. **Approval of Minutes**

Vice Chairman Johnson made the motion to approve the minutes for November 1, 2016. Commissioner Westervelt seconded the motion which carried 5-0.

Public Comment

Jason O'Neil, Tuff Shed Inc., Orange Park, addressed the Commission and requested that the County consider changing its Building Code to allow sheds of up to 160 square feet be exempt from the permitting process in Clay County.

Public Hearings

1. **Public Hearing to Consider Rezoning Application Z-16-13 PS-1 to RB**

Chad Williams, Zoning Chief, informed the Commission of Application Z-16-13, which is a change in zoning from PS-1 (Private Services District) to RB (Single Family Residential District) for uses permitted within an area consisting primarily of single family homes.

Following his presentation, Mr. Williams recommended approval of the application.

Chairman Anzalone opened the public hearing.

Anthony Goria, Applicant, 2160 Autumn Cove Circle, Fleming Island, addressed the Commission with regard to the proposed application and stated that he was available for questions.

Julie Gottlieb, 3799 Bedford Drive, Middleburg, asked questions about the proposed development and expressed concern with the possibility of having the entrance into the development be routed thru the Boxxwood Subdivision.

Chairman Anzalone closed the public hearing.

Mr. Goria responded to questions posed during the public hearing and stated that the only legal access provided for the proposed development is thru the Boxxwood Subdivision, which they are planning on utilizing.

Following a brief discussion, Commissioner Westervelt made the motion to recommend approval of the rezoning, to include staff comments and recommendations, along with their findings and conclusions. Commissioner Fain seconded the motion which carried 5-0.

Old Business/New Business

1. Discussion Concerning an Ordinance Placing a Temporary Moratorium on Medical Marijuana Treatment Centers and Licensed Dispensing Organizations

Courtney Grimm, County Attorney, informed the Commission that at the Board of County Commissioners' October 25, 2016 meeting, staff was directed to proceed with the drafting of an ordinance to impose a temporary moratorium on medical marijuana treatment centers and licensed dispensing organizations. Ms. Grimm stated that the ordinance will be presented to the Planning Commission for consideration at their January 3, 2017 meeting.

Brief discussion followed.

Chairman Anzalone opened the public hearing.

Richard Klinzman, 1985 Timucua Trail, Middleburg, addressed the Commission and asked that they consider denial of the BCC's ordinance that would impose a moratorium on medical marijuana treatment centers and licensed dispensing organizations.

Brief comments followed by the Commission.

No action was taken.

2. Schedule of Public Workshops to Address Evaluation and Appraisal Report

Ed Lehman, Director of Planning & Zoning, informed the Commission of a series of community workshops that will be held to allow members of the community the opportunity to identify and discuss the major issues affecting the County. Mr. Lehman stated that all the workshops will be held at 6:00 P.M. and encouraged members of the community to attend the meetings.

Public Comment

No public comments were received.

There being no further business, the meeting was adjourned at 7:37 P.M.

Approved: _____

Joe Anzalone
Chairman

Teresa Capo
Recording Secretary



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: BCC

DATE:

FROM: County
Manager's
Office

SUBJECT:

AGENDA ITEM
TYPE:

ATTACHMENTS:

Description	Type	Upload Date	File Name
 Schedule	Cover Memo	12/27/2016	DOC122716.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:28 AM	
County Manager	Kopelousos, Stephanie	Approved	1/5/2017 - 10:28 AM	



St. Johns River

Water Management District

Ann B. Shortelle, Ph.D., Executive Director

4049 Reid Street • P.O. Box 1429 • Palatka, FL 32178-1429 • (386) 329-4500
On the Internet at www.sjrwmd.com.

DATE: December 7, 2016

TO: Board of County Commissioners
Attention: Recording Secretary

FROM: Lori Griffith, Sr. Administrative Assistant

SUBJECT: 2017 Governing Board Meeting Schedule

2017 meeting schedule announced for the St. Johns River Water Management District's Governing Board

Meetings of the Governing Board of the St. Johns River Water Management District are open to the public for input in the governance process. As required by Florida law (189.417 *Florida Statutes*), this notice is given so that the public has an opportunity to attend meetings that may be of interest. Governing Board meetings are held at District Headquarters, 4049 Reid Street (Hwy. 100 west), Palatka, Fla. Date, time and location are subject to change at the discretion of the Governing Board. For additional information about the District, its Board and meeting dates, visit www.sjrwmd.com.

YEAR 2017	
MONTH	DATE
JANUARY	10
FEBRUARY	14
MARCH	14
APRIL	11
MAY	9
JUNE	13
JULY	11
AUGUST	8
SEPTEMBER	12
SEPTEMBER	26 (final budget hearing) 5:05pm
OCTOBER	10
NOVEMBER	14
DECEMBER	12

GOVERNING BOARD

John A. Miklos, CHAIRMAN
ORLANDO

Fred N. Roberts Jr., VICE CHAIRMAN
OCALA

Chuck Drake, SECRETARY
ORLANDO

Ron Howse, TREASURER
COCOA

Douglas C. Bournique
VERO BEACH

John P. Browning, Jr.
EAST PALATKA

Douglas Burnett
ST. AUGUSTINE

Maryam H. Ghyabi
ORMOND BEACH

Carla Yetter
FERNANDINA BEACH



Agenda Item
Clay County Board of County Commissioners

Clay County Administration Building
Tuesday, January 10 2:00 PM

TO: Board of County
Commissioners

DATE: 12/29/2016

FROM: Karen Thomas,
Administrative & Contractual
Services

SUBJECT:
Bid Opening Tabulations for December 6, 2016:
A. Bid #16/17-2, Tree Removal Services
B. Bid #16/17-3, Cured-In-Place Pipe

AGENDA ITEM TYPE:

BACKGROUND INFORMATION:

Letters of Documentation

ATTACHMENTS:

Description	Type	Upload Date	File Name
▣ BCC bid openings 011017	Cover Memo	12/29/2016	BCC_bid_openings_011017.pdf

REVIEWERS:

Department	Reviewer	Action	Date	Comments
Administrative and Contractual Services	Slaybaugh, Jaclyn	Approved	1/6/2017 - 3:42 PM	Item Pushed to Agenda

BID TABULATION FORM

Bid: 16/17-2

Date: December 6, 2016

Proj: Tree Removal Services

Time Open: 1:00

Ad: Clay Today, November 10, 2016

Time Close: 1:05

This is a generic Bid Tabulation Form; all required bid documents will be verified prior to bid recommendation.

Bids to be evaluated based on evaluation criteria established in bid document

	Bidder	Copies	W9	Insurance	Total Amount
1	American Tree Surgeons	✓	✓	✓	117,375.00
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

Revised
Total
113,400.00

Staff Assigned to tabulate bids and make recommendations:

Van Hogan
Name

Field Operations Coordinator
Title

Recommendations: Staff will review the bids and present a recommendation to the Finance Committee for subsequent recommendation to the Board. Bids to be evaluated based on evaluation criteria established in bid document.

Bid Opening Witnessed By: Dora Fish
(BCC)

Pat Stab
Clerk
Michael F. [Signature]
Department Representative

BID TABULATION FORM

Bid: 16/17-3

Date: December 6, 2016

Proj: Cured-In-Place Pipe

Time Open: 1:07

Ad: Clay Today, November 10, 2016

Time Close: 1:20

This is a generic Bid Tabulation Form; all required bid documents will be verified prior to bid recommendation.

Bids to be evaluated based on evaluation criteria established in bid document

Bidder	Copies	W9	Insurance	Total Amount
1 Hunterland Group Inc.	✓	✓	✓	194,350.00
2 Evans Contracting Services Inc.	✓	✓	✓	283,400.00
3 Vacivision Environmental LLC	✓	✓	✓	261,250.00
4 IPR Southeast LLC	✓	✓	✓	238,150.00
5 Insituform Technologies LLC	✓	✓	✓	175,090.00
6 American Infrastructure Technologies Corp			✓	305,775.00
7 Southeast Pipe Survey Inc.	✓	✓	✓	377,590.00
8 Layne An Lines LLC	✓	✓	✓	234,950.00
9				
10				
11				
12				
13				
14				
15				

Staff Assigned to tabulate bids and make recommendations:

Van Hogan
Name

Field Operations Coordinator
Title

Recommendations: Staff will review the bids and present a recommendation to the Finance Committee for subsequent recommendation to the Board. Bids to be evaluated based on evaluation criteria established in bid document.

Bid Opening Witnessed By: Donna Fish
(BCC)

Pat Stut
Clerk
Michael Fely
Department Representative