

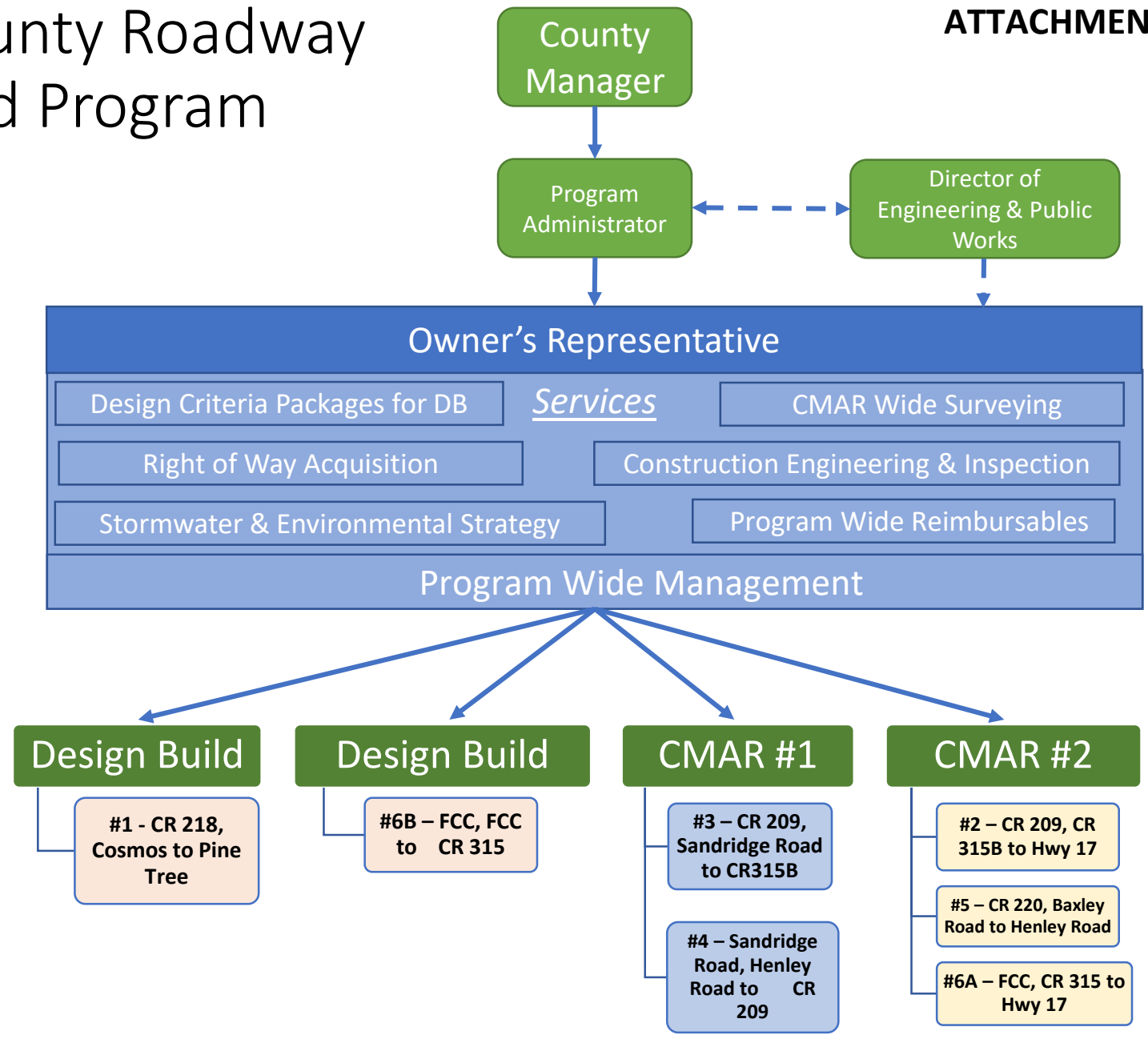
**ATTACHMENT A  
DIAGRAM/CHART OF  
PROJECTS AND  
CATEGORIES OF  
SERVICES**



# Clay County Roadway Bond Program

## ATTACHMENT A

### Program Organization & Strategy



**ATTACHMENT B**  
**RFQ Scope of Services**

## ATTACHMENT B

### **RFQ NO. 19/20-40, OWNER'S REPRESENTATIVE SERVICES FOR 2020 TRANSPORTATION BONDING PROJECTS**

(Provided by Engineering/Public Works Department)

#### **I. PURPOSE**

This Request for Qualifications (RFQ) is for a Consultant to provide Owner's Representative Services and other related professional services necessary to oversee the design and construction (by others) of the \$130 million 2020 Transportation Bonding Projects.

#### **II. SCOPE OF SERVICES:**

The list of anticipated projects and their associated budgets are attached on Exhibit A "2020 TRANSPORTATION BOND PROJECTS SCOPE OF SERVICES" which is attached hereto and by reference incorporated herein. Additionally, projects not in the 2020 Transportation Bonding Projects, or projects which are added to the 2020 Transportation Bonding Projects at a later date, may be added to the programs at the discretion of the County. Program management, right of way acquisition, construction engineering and inspection services, and other related professional services will begin in 2020 and continue through the construction close-out and warranty periods of all projects constructed in the program. The selected Owner's Representative consultant will likely perform little, if any, design services on any of the projects, but will oversee, monitor, direct, check, review, and comment on design work performed by others. The construction of the roadway projects will be by Construction Managers at Risk (CMAR). The Owner's Representative will manage the CMAR and the design consultant in the development of a set of construction plans with a Guaranteed Maximum Price that will have minimum change orders. Furthermore, the consultant selected to perform these requested services will not be eligible to compete for, nor win, any design services on any of the projects in the program for which they were selected. The exact scope of services for Owner's Representative Services is not known at this time, but will be negotiated with the selected consultant to establish the terms and the consultant's fee of the agreement. Services anticipated will generally include, but are in no way limited to, the following:

#### **FINANCIAL/ACCOUNTING SUPPORT SERVICES:**

- Validate program requirements and budgets
- Perform cash flow analyses
- Establish projects financial accounting systems
- Maintain up-to-date project accounts clearly showing remaining balances
- Advise County of projected funding needs on a monthly basis
- Assist the County with any other financial/accounting support services as may be necessary to implement the projects

#### **GENERAL ADMINISTRATIVE SERVICES:**

- Establish document controls and filing systems
- Establish projects schedules clearly identifying the critical paths
- Prepare correspondence on behalf of County in response to project inquiries

- Attend or conduct production meetings with County staff
- Provide regular, periodic status reports to the County detailing recent and current significant actions
- Provide any other general administrative services as may be necessary to implement the projects

**PROFESSIONAL SERVICES SUPPORT SERVICES:**

- Assist the County in review scope of services for design for the projects
- Assist the County with the review of contract agreements between the County and design consultants for the designs of the projects prepared by the County 's General Counsel
- Prepare all paperwork and documentation necessary for submittal to the Board of County Commissioners
- Provide all right of way acquisition for the roadway projects either by Owner's Representative staff or subcontracts
- As requested provide base line surveying, right of way mapping and legal description for proposed acquisition
- Provide Construction Engineering and Inspection services
- Provide any other professional services support services as may be necessary to implement the projects

**PUBLIC AWARENESS/COMMUNICATION SERVICES:**

- Assist the County by providing information concerning each project on a timely, regular basis
- Assist the County by attending and participating in any public meetings and workshops related to any of the projects in the Program
- Assist in the preparation flyers, brochures, hand-outs, or other descriptive materials for distribution to attendees at public information meetings
- Assist the County Representative on any media contacts concerning any significant actions such as road closures, lane closures, construction activities, etc., connected with any of the projects
- As requested by the County, provide any other public awareness/communication services as may be necessary to assist the County

**PERMITTING SERVICES:**

- Develop a comprehensive stormwater and wetland permitting strategy for all of the projects in the program.
- Guide design consultants on each project through the permitting process to ensure that the designs are proceeding in accordance with the comprehensive permitting plan
- Review permit application and documentation packages prepared by design consultants for conformance to approved comprehensive permitting plan
- Provide any other permitting services as may be necessary to implement the projects

**DESIGN SUPPORT SERVICES:**

- Issue Notices to Proceed to design consultants for each project

- Enforce and perform all terms of the design contracts between the County and design consultants
- Review and determine validity of design consultants' claims for extra work and/or extensions of time for performance of services
- Review and evaluate appropriateness of fee proposals for supplemental services as submitted by design consultants
- Prepare and submit all documentation for supplemental services amendments to the County for processing
- Draft amendments for supplemental services for review and approval by the County
- Monitor design consultants' performance in all facets of design and adherence to schedules
- Review and comment on the preparation of plans by design consultants at the 30%, 60%, 90%, and final completion stages; of construction specifications at the 90% and final completion stages; and of preliminary and final estimates of construction costs. Based upon such reviews, recommend acceptance and approval by the County of such plans, specifications, and estimates. Upon completion of each plan review process, certify by letter to the County that the plans, specifications, and estimates have been reviewed and that the design is in general accordance with the intended scope of work.
- Review design development compliance with approved project design criteria
- Review and provide written response on the adequacy of all design consultants' submittals of design plans and specifications
- Assist in value engineering services and studies on the design plans with the CMAR and design consultants
- Advise and consult with the design consultants on questions of engineering with respect to project design intent
- Review, validate and provide written response as to the stage of design completion as reported by design consultants on their requests for periodic progress payments
- Review design consultants' requests for periodic progress payments, correct any errors or ambiguities thereon, stamp approved, and send to County with certification that the pay request has been reviewed, that the payment requested is appropriate and correct for the work which has been satisfactorily completed, and recommend that the County make payment to the design consultant
- Assist in constructability review of plans prior to letting for bids
- Review and evaluate construction contract packages and recommend possible improvements to strengthen documents as a management tool during construction
- Upon satisfactory completion of plans, specifications, cost estimate and contract documents, certify to County in writing that the contract documents and cost estimate are complete and proper, and recommend that projects be put out for bids
- Perform geotechnical advisory support services as necessary
- Perform surveying support services as needed
- Serve as expert witness for the County in any legal proceeding concerning design issues
- Assist in pre-bid CMAR conferences
- Answer bidder inquiries and Requests for Information (RFI's)

- Continue refining GMP as necessary
- Review and recommend in writing to the County if the County should continue with the CMAR or competitively bid the project.
- Assist the County in the preparation of the contracts between the County and the CMARs awarded each road widening project
- Issue Notices to Proceed to CMARs
- After award and contracting with the CMAR, prepare and distribute record sets of construction drawings which incorporate all changes made through the addenda process
- Provide any other design support services as may be necessary to implement the projects

**RIGHT-OF-WAY ACQUISITION SERVICES:**

- Perform, or obtain from others, environmental Phase I assessments on all questionable parcels required for a project
- Perform, or obtain from others, environmental Phase II assessments, as necessary, as determined by review/evaluation of Phase I reports
- Perform, or oversee performance by others, of Phase III environmental remediation activities, if and as necessary
- Set up property acquisition files
- Perform, or obtain from others, appraisals on all parcels which the County must purchase for all projects
- Review and confirm appraisals for accuracy and appropriateness
- Obtain title searches on parcels to be acquired
- Provide or obtain from others, negotiations with property owners for purchase of private property
- Prepare, or obtain from others, options to purchase and sales agreements for properties satisfactorily negotiated and submit to County for approval
- Assist the County in relocation services for existing residents or businesses in accordance with federal guidelines and the County 's Comprehensive Plan
- Conduct, or obtain from others, closings on negotiated parcels
- Recommend unreasonably or impossibly obtainable parcels to the County for acquisition by eminent domain, and prepare suit package
- Perform, or obtain from others, site and boundary surveys as may be necessary for acquisition/closing
- Provide recorded deeds and add property onto the County 's property inventory
- Serve as expert witness for the County in any eminent domain proceeding
- Perform, or obtain from others, asbestos testing/abatement on structures acquired by the County
- Demolish, or obtain from others, structures acquired by the County
- Maintain complete financial accounting of all real estate transactions
- Provide, or obtain from others, any other right-of-way acquisition services as may be necessary to implement the projects

### **CONSTRUCTION ENGINEERING & INSPECTION (CEI) SERVICES:**

- Schedule and conduct pre-construction conferences as necessary
- Enforce and perform all terms of the construction contracts between the County and its CMARs
- Review shop drawings submitted by CMARs for conformance to the specifications, and distribute to all parties as necessary
- Answer CMARs' inquiries and RFI's in a timely manner
- Provide qualified construction inspectors to inspect the work to ensure that construction is proceeding in accordance with the specifications, and that all work is constructed properly
- Direct the CMAR to remove and replace defective work which does not meet specifications, or is otherwise incorrectly constructed
- Review and analyze contract change order requests and proposals to determine validity thereof, and recommend appropriate action to the County
- Review claims and disputes and recommend necessary actions
- Review and recommend for approval contract change orders and forward necessary documentation and paperwork to the County as to the necessity for such changes, including substantiation of the extra costs thereof
- Review construction inspection reports relating to the CMARs' performance and communicate with each, if necessary, regarding non-conformance to plan specifications, workmanship, etc.
- Arrange for and administer construction materials testing by third party testing laboratories to ensure that materials installed meet the requirements of the contract documents
- Review CMARs' requests for monthly progress payments and, if appropriate, certify pay application is proper and transmit to County with recommendation that the invoice be paid
- Adjust requests for monthly progress payments, as necessary, to align amount of pay requested with actual progress of construction satisfactorily performed
- In the event of the need to revise the contract drawings during the construction period, issue contract original drawings to the design consultant for revision, obtain the revised originals from the design consultant, review the changes and corrections on behalf of the County, and issue new prints of the revised drawings to all parties concerned
- Prepare and maintain monthly progress schedules and reports applicable to all phases of the construction operations, and such special reports as may be required to keep the County fully advised with respect to the progress of construction of the projects
- Monitor CMARs' preparation of in-progress as-built drawings during the course of construction to ensure that final as-built drawings on mylar will be easily produced
- Collect final as-built drawings on mylar for each project, review for conformance with the contract documents and specifications, and recommend approval/disapproval to the County
- If final as-builts on mylar are recommended for disapproval, monitor CMARs' preparation of revised final as-built drawings which will be approved
- Prepare a final engineering report on the construction status of each project



- Recommend in writing that the County make final payment on a project when appropriate
- Collect all documents and deliverables, including release of liens and consent of surety, from the CMARs prior to recommending that final payments be made
- Continue acting as the County's representative throughout the post-construction phase of the projects, which generally cover the CMARs' one-year warranty periods
- Deliver all final documents, including originals of construction drawings and specifications, and projects files to the County
- Prepare and deliver final projects financial accounting reports to the County
- Direct the CMARs to replace or correct defective work which becomes known during the warranty period
- Provide monthly status reports to the County concerning warranty activities and corrective work by CMARs
- Enforce all warranty provisions of the contract documents
- Schedule and conduct a twenty-two (22) month warranty period inspection of all projects including the CMARs, design consultants and County personnel as appropriate
- Develop twenty-two (22) warranty punch list and forward to the CMAR for corrective action
- Monitor CMAR's performance on addressing the punch list
- Advise the County, in writing, when CMARs have satisfactorily completed all of their obligations under the warranty periods of the contracts
- Provide any other construction engineering and inspection services as may be necessary to implement the projects

**III. MINIMUM REQUIREMENTS OF AN OWNER'S REPRESENTATIVE CONSULTANT:**

- A. Authorized under Chapter 471, Florida Statutes, to perform professional engineering services.
- B. Consultant must have managed at least two (2) prior similar road construction programs with a combined value of at least \$100,000,000.
- C. A local office within the surrounding counties in which the work will be done. (Note: Consultants are not required to have a local office in order to respond to this RFQ, but one will be required prior to execution of a contract.)

**IV. BUDGET:**

The budget for the six (6) road projects in the program including all design, construction, land acquisition, permitting, testing, owner's representative services, contingencies, and any and all other costs necessary to deliver the projects is \$125,528,854.

**V. TIMING:**

It is desirable for the Consultant to begin services on or as near to July 15, 2020, as possible. The required time for completion of the road improvement program is five (5)

years, which includes construction time, with the actual schedule to be established during negotiations with the selected Consultant.

**VI. CLAY COUNTY PROJECT MANAGER:**

The Project Manager for this project will be designated by Howard Wannamaker, County Manager.

**VII. FURNISHED DOCUMENTS:**

A brief description of each roadway project is provided in Exhibit A with conceptual estimates.

During preparation of a response to this RFQ, the following material is available for review by prospective Consultants upon request.

- A. Bid documents for a recently constructed project.
- B. County Land Development Procedures Manual.

**VIII. CONTINGENT FEES PROHIBITED**

The Consultant must warrant that it has not employed or retained a company or person, other than a bona fide employee or subcontractor, working in his employ, any fee, commission, percentage, gift or other consideration contingent upon or resulting from the award of making a contract with the County.

**IX. ACCURACY OF WORK**

The Consultant shall be responsible for the accuracy of its work, including work by any subcontractors, and shall promptly make necessary revisions or corrections resulting from errors and omissions on the part of the Consultant or subcontractors without additional compensation. Acceptance of the work by the County shall not relieve the Consultant of the responsibility for subsequent corrections of any such errors and the clarification of any ambiguities.

The Consultant shall be and shall remain liable, in accordance with applicable law, for all damages to the County caused by the Consultant's performance of any of the services furnished under this Agreement.

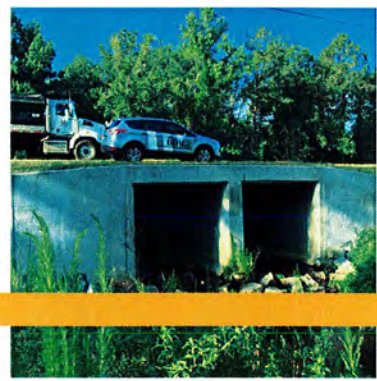
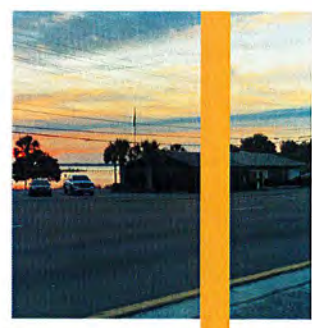
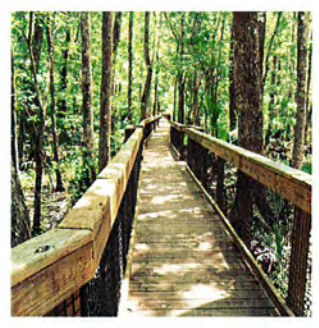
**ATTACHMENT C**  
**Owner Rep's Response**  
**June 1, 2020**



RFQ NO. 19/20-40

# Owner's Representative Services for 2020 Transportation Bonding Projects

June 1, 2020



**RFQ NO. 19/20-40, OWNER'S REPRESENTATIVE SERVICES FOR  
2020 TRANSPORTATION BONDING PROJECTS**

CORPORATE DETAIL

Failure to complete all fields may result in your bid being rejected as non-responsive.

COMPANY NAME: WGI, Inc.

ADDRESS: 4371 U.S. Highway 17 South, suite 203  
Fleming Island, FL 32003

TELEPHONE: 904-407-4503

FAX #: 904-470-4504

E-MAIL: walter.kloss@wginc.com

Name of Person submitting Bid: Walter Kloss, P.E.

Title: Vice President

Signature: 

Date: 5/30/2020

**ADDENDA ACKNOWLEDGMENT:**

Bidder acknowledges receipt of the following addendum:

Addendum No. \_\_\_\_\_ Date: \_\_\_\_\_ Acknowledged by: \_\_\_\_\_

Addendum No. \_\_\_\_\_ Date: \_\_\_\_\_ Acknowledged by: \_\_\_\_\_

Addendum No. \_\_\_\_\_ Date: \_\_\_\_\_ Acknowledged by: \_\_\_\_\_

## A. COMPETENCE

### Firm Capabilities: Professional, Technical, and Educational Achievements


WGI, Inc. (WGI) is a nationwide, full-service, multidisciplinary consulting firm with a Florida-based history dating back to 1972 providing a comprehensive range of services. Our corporate office is in West Palm Beach with branch offices located throughout the state. WGI began providing engineering and planning services in northeast Florida in 2006 (Jacksonville Office) and established the Fleming Island, Clay County office in 2011. WGI's Fleming Island office is ideally qualified to administer this project as it houses our corporate alternative delivery management group. This group includes experts in design-build, construction management at risk, public-private-partnerships, and innovative

contracting. Recognized for exceptional service, WGI is committed to its core ethics as we steadily expand. Our 550-plus professionals provide engineering contract administration, civil engineering, surveying and mapping, transportation engineering, structural engineering, drainage engineering, signalization, ITS, lighting, traffic operations, subsurface utility engineering (SUE), architecture, landscape architecture, land planning, environmental sciences, mechanical, electrical, plumbing, parking planning and design, and creative services.

The WGI Team has all the qualifications and experience required to administer the Clay County Roadway Bond Program as Owner's Representative. With this expertise, we will provide in-depth and comprehensive reviews on all elements of the Program and manage this contract with on-time deliveries and within your

budget. WGI is licensed under Florida Statutes to perform services required for this project. WGI serves public agencies, municipalities and private clients throughout Florida and is dedicated to the well-being and economic prosperity of Clay County – where we live and work. WGI builds on the strength of its professionals' outstanding skills and their passion for innovation and incomparable client service.

### WGI has all the FDOT prequalifications required to administer an Owner's Representative contract



May 25, 2020

Kate Fontaine, VP, Administration  
WGI, INC.  
2035 Vista Parkway, Suite 100  
West Palm Beach, Florida 33411

Dear Ms. Fontaine:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 2 - Project Development and Environmental (PDE) Studies
- Group 3 - Highway Design - Roadway
  - 3.1 - Minor Highway Design
  - 3.2 - Major Highway Design
  - 3.3 - Complex Highway Design
- Group 4 - Highway Design - Bridges
  - 4.1.1 - Miscellaneous Structures
  - 4.1.2 - Minor Bridge Design
  - 4.2.1 - Major Bridge Design - Concrete
  - 4.2.2 - Major Bridge Design - Steel
- Group 5 - Bridge Inspection
  - 5.4 - Bridge Load Rating
- Group 6 - Traffic Engineering and Operations Studies
  - 6.1 - Traffic Engineering Studies
  - 6.2 - Traffic Signal Timing
  - 6.3.1 - Intelligent Transportation Systems Analysis and Design
  - 6.3.2 - Intelligent Transportation Systems Implementation
  - 6.3.3 - Intelligent Transportation Traffic Engineering Systems Communications
  - 6.3.4 - Intelligent Transportation Systems Software Development
- Group 7 - Traffic Operations Design
  - 7.1 - Signing, Pavement Marking and Channelization
  - 7.2 - Lighting
  - 7.3 - Signalization

- Group 8 - Survey and Mapping
  - 8.1 - Control Surveying
  - 8.2 - Design, Right of Way & Construction Surveying
  - 8.3 - Photogrammetric Mapping
  - 8.4 - Right of Way Mapping
- Group 10 - Construction Engineering Inspection
  - 10.1 - Roadway Construction Engineering Inspection
- Group 11 - Engineering Contract Administration and Management
- Group 13 - Planning
  - 13.4 - Systems Planning
  - 13.5 - Subarea/Corridor Planning
  - 13.6 - Land Planning/Engineering
  - 13.7 - Transportation Statistics
- Group 14 - Architect
- Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2021 for contracting purposes.

**We are prequalified in FDOT Work Group 11.0 – Engineering Contract Administration** which is required to be an owner's representative on Florida Department of Transportation contracts.

## LICENSES

WGI is licensed under Florida Statutes to perform professional engineering, surveying, landscape architecture, and geologic services.

**State of Florida Department of State**

Florida Secretary of State

Florida Secretary of State

**Licensee Details**

**License Information**

Name: WGI, INC. (Primary Name)  
WGI (DBA Name)

Main Address: 2035 VISTA PARKWAY  
SUITE 100  
WEST PALM BEACH FLORIDA 33411

County: PALM BEACH

License Mailing:

License Location:

**License Information**

License Type: Architect Business

Rate: AA26003274

License Number: Current

Status: 05/24/2016

Expires: 02/28/2021

**Special Qualifications**

Limited Liability Corporation 05/24/2016

**Alternate Names**

STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
BOARD OF LANDSCAPE ARCHITECTURE

THE LANDSCAPE ARCHITECT BUSINESS HEREIN WAS REGISTERED UNDER THE PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

WGI, INC.  
2035 VISTA PARKWAY  
WEST PALM BEACH, FL 33411

LICENSE NUMBER: LC20069521

EXPIRATION DATE: NOVEMBER 26, 2023

Always verify license online at MyFloridaLicense.com

Do not alter this document in any form.  
This is your license. It is unlawful for anyone other than the licensee to use this document.

STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
BOARD OF PROFESSIONAL GEOLOGISTS

THE GEOLOGY BUSINESS HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

WGI, INC.  
2035 VISTA PARKWAY  
WEST PALM BEACH, FL 33411

LICENSE NUMBER: GB750

EXPIRATION DATE: JULY 31, 2020

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Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2001 September Pkwy Tallahassee, Florida 32309-6700

License No. LB7855  
Expiration Date: February 24, 2021

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 177, Florida Statutes

WGI, INC.  
2035 VISTA PARKWAY STE. 100  
WEST PALM BEACH, FL 33411

niese fried

MS. L.S. 104007 F. 0033  
CONTRACTOR OF WORKERS FLORIDA

Engineering Firm Registry #33574

License Issued To: WGI, INC.  
License Status: Current  
Originally Licensed On: 10/24/2019



**Our Team is made up of ENR-top-ranked firms**

**WGI** ranked **#187** Design Firm

**HDR** ranked **#6** Design Firm and **#10** Program Management Firm

**E&R** ranked **#53** Construction Management Firms

## Number and Size of Staff

Firm	Role	Office Location	Employees (Florida Residents)
WGI, Inc.	Overall Management, Public Awareness, Design Support & Permitting Assistance	Clay County	550 (378)
HDR, Inc.	Scheduling, Document Control, ROW	Duval County	14,531 (679)
Eisman & Russo	CEI	Duval County	177 (177)

## Number and Size of Staff

WGI has nine offices in Florida and 10 offices nationally with over 550 full-time professionals. WGI's Fleming Island office will lead this program and has 38 professionals assigned to this project including: eight project managers, fourteen professional engineers, five engineering interns, one professional surveyor and mapper and field crews, and six technical and administrative support staff members.

Our team includes people you know and trust who have successfully delivered your projects. We are **THE HOMETOWN TEAM**, with over 40 Clay County residents and five offices in the county. We are a **POWERFUL** team. Including our subconsultants, HDR, Inc. (HDR) and Eisman and Russo, Inc. (E&R), we can rely on over 19,400 skilled professionals to deliver this project on time and budget!

## Project Staffing & Organization/ Proposed Personnel

As Prime Consultant, WGI will manage and coordinate all aspects of this project with the County's project manager. WGI's organizational structure takes advantage of our key staffs' experience on similar programs and Clay County knowledge to maximize efficiency and effectiveness while controlling budgets and schedules. The WGI team is comprised of staff permanently assigned to our Fleming Island office and local subconsultants

that have successfully teamed with us on similar transportation projects. All team members have the education, training, experience, and expertise required to administer this program successfully. The organization chart on the following page and the following brief resumes outline professional licensure, experience, technical training, and education for proposed key staff.

## Names, Resumes, and Experience of Key Personnel



**Alan Mosley, PE, Program Manager – Program Wide (WGI)**

*FL PE #39578, B.S., Davis School of Business of Jacksonville University, over 40 years of experience.* Alan led the \$2.25B Better Jacksonville Plan (BJP) which included \$1.5B in transportation infrastructure improvements as the Public Works Director and eventually the Chief Administrator officer for the City of Jacksonville. He managed all the city's infrastructure planning, engineering, operations, and construction functions. Alan successfully led the BJP through the Great Recession and was key to keeping BJP going strong even as the supporting revenue stream was significantly under-performing. Alan's success on the BJP project was his ability to streamline contract management operations to eliminate inefficiencies and move projects quickly from "concept to

concrete." He is proficient in all types of infrastructure improvement programs and projects including plans and specification preparation, engineering studies and analysis, permitting, property acquisition, public involvement, and construction management. In addition to being easy to work with, Alan brings a unique blend of public and private sector experience that makes him the right leader for this program.



**Carlos Campos, PE, Deputy Program Manager – Technical**



**(WGI) | FL PE #78425, B.S., Civil Engineering, Florida**

**State University; M.S., Structural Engineering, Florida State University, 15 years of experience.** Carlos has been integral to providing superior engineering services to Clay County and has been working with County staff on several projects. He currently serves as an embedded employee in Clay County's office. The experience he has gained through this involvement will translate to efficiency and eliminate a learning curve in the County's processes. Carlos has broad project management experience on complex engineering projects across Florida for state, county, municipal, and private sector clients, including seven major alternative delivery projects. He has extensive knowledge of plans production, vertical and horizontal geometric design, quantities, and cost analysis and will be providing technical oversight for the WGI Team. He was the project manager for

the Clay County bridge projects (Williams Park, Walkill Creek on CR 226, Walkill Creek on CR 209, and Walkill on CR 209) and managed the award-winning Plantation Oaks Blvd emergency replacement design-build. His experience also includes the Design Build (DB) Request for Proposal (RFP) Development Contract, Districtwide on the HEFT project and the Wekiva Parkway (SR 429) DB.

**Will Stewart, PE, Deputy Program Manager – Administrative (WGI)**  
FL PE #42764, B.S., Building Construction, University of Florida, Certified Floodplain Manager, 43 years of experience. Will's 40 years of experience includes managing, reviewing, designing and permitting transportation projects. His experience includes; the First Coast Expressway (Owner Representative Contract), Wekiva Parkway (SR 429) DB, I-95/Overland Bridge DB and numerous projects for Clay County. He will serve as the Administrative Program Manager and also be responsible for the overall comprehensive stormwater and wetland permitting strategy for the projects.

**Eric Lanning, PE, Design Support – Lead (WGI)** | FL PE #77560, B.S., Civil Engineering, University of Central Florida, Certified in Advanced Maintenance of Traffic, 13 years of experience. As WGI's Northeast Florida Transportation Manager, Eric oversees operations of all Fleming Island engineering staff. He has experience working as a contract manager, project manager, roadway engineer, maintenance of traffic engineer, and signing and pavement marking engineer on many FDOT, county, and city projects. Eric has worked on projects of all sizes from new interstate alignments to resurfacing, restoration, and sidewalk projects. He has delivered several area projects, including the current design of SR 15 (US 17) from Water Oak Lane to Eagle Harbor Parkway in Clay County.

**Walter Kloss, PE, Executive Oversight (WGI)** | FL PE #42625, B.S. Civil Engineering, University of Florida, 35 years of experience. Walter is the Vice President of Transportation & Alternative Delivery for WGI and is a subject matter expert on design-best-value solutions for infrastructure programs like the Clay County Roadway Bond Program. He has managed large and small projects on limited access highways, complex roadways, and minor roadway systems. His experience includes managing and coordinating numerous alternative delivery and design-build projects, from project inception through construction completion. His knowledge from his numerous years of experience in all aspects of roadway project development makes him perfectly suited to provide executive oversight of this program. Walter is highly involved in Clay County, serving on the CUA and YMCA Boards.

**Rob Woodruff, PE, Structures Manager (WGI)** | FL PE #57099, B.S., Civil Engineering, NC State University, 32 years of experience. Rob is WGI's North Florida Chief Structures Engineer. He has experience with all aspects of structures design and procurement. Owner's Representative project experience includes: Design Build (DB) Request for Proposal (RFP) Development Contract, Districtwide for the HEFT project, I-595 PPP (FDOT D4) and the I-4 Ultimate PPP.

**Kevin Cann, PE, Drainage Design Manager (WGI)** | FL PE #77549, M.E., Civil Engineering, Water Resources, University of Florida, 16 years of experience. Kevin is familiar with your requirements and served as a Clay County embedded employee providing engineering support, conceptual drainage design and cost estimating. His project experience includes the Design Build (DB)

Request for Proposal (RFP) Development Contract, Districtwide for the HEFT project, Wekiva Parkway (SR 429) DB and numerous other DB projects.

**Chris Stermer, Utility Manager (WGI)**  
A.A. University of Maryland, 21 years of experience. As WGI's Utility Coordination Manager, Chris oversees WGI's utility coordination personnel and activities and coordinates utilities on WGI's most complex projects.

**Joel Johnson, Permitting Program Manager (WGI)** | B.S., Biology, University of North Texas, 19 years of experience. Joel's experience includes mitigation design and monitoring, water quality monitoring, habitat mapping, conservation planning, environmental permitting at all levels of regulatory jurisdiction, and wildlife monitoring/relocations.

**Ryan Kett, PSM, Geospatial Manager (WGI)** | FL PSM #LS7113, M.S. Geomatics, University of Florida, 7 years of experience. Ryan is WGI's Northeast Florida Geospatial Service Manager. His surveying experience includes right-of-way mapping, topographic, hydrographic, and as-built surveys.

**Nancy Clements, PE, Contract Administration (WGI)** | FL PE #54923, B.S. Civil Engineering, Worcester Polytechnic Institute, 31 years of experience. Nancy, Senior V.P. of Transportation (WGI) and former FTE Chief Engineer, is a skilled contract administrator, professional engineer, and manager who understands all elements of transportation project/program management. Her management experience includes Owner's Representation contracts including FTE's Northern Turnpike Extension and their Design-Build RFP Continuing Services Contract; FDOT Districtwide resurfacing projects; and continuing services contracts.

# TEAM ORGANIZATION CHART

Our Team is Made Up of 19,400 Professionals, 40 Clay County Residents, and over 1,000 Florida Residents



**LEGEND**

- DBE Acuity Design Group (ADG)
- DBE Aerostar SES, LLC (AES)
- Birchfield & Humphrey, PA (B&H)
- CBRE Group, Inc. (CBRE)
- Clary & Associates (Clary)
- CSI Geo, Inc. (CSI)
- Eiland & Associates, Inc. (E&A)
- Eisman & Russo, Inc. (E&R)
- Environmental Resource Solutions, A Division of SES Energy Services, LLC (ERS)
- HDR, Inc. (HDR)
- Tocoi Engineering, LLC (Tocoi)
- VIA Consulting Services, Inc. (VIA)
- WGI, Inc. (WGI)
- Weigel-Veasey Appraisers, Inc. (WVA)
- Wood Environment & Infrastructure Solutions, Inc. (Wood)

- CLAY Clay County Resident
- CLAY Clay County Office
- DBE Disadvantaged Business Enterprise







**George McGregor, PE, Executive Oversight and ROW Lead (HDR)**  
 FL PE #38728, Technical Certificate in Computer Programming, Florida Junior College at Jacksonville, 43 years of experience. George is a skilled program manager with public and private sector experience in design and construction, preparation of final contract documents, cost estimates, specifications, land surveying, transportation and drainage design, program budgeting and scheduling, and Geographic Information Systems and database technologies. As a Program Manager, Mr. McGregor has extensive experience in project planning, scope development, and project estimating.

**Tracey Glansen, ROW Acquisition (HDR) | Real Estate Agent License # SL 3018545, B.S., Business Management, Florida Atlantic University, 19 years of experience.**  
 Tracey has been the ROW Project Manager on four ROW projects for the BJP and related transportation improvement programs in Duval County.

**Laurie Luhrs, Senior Administrator – Project Controls (HDR) | Nassau Community College, 20 years of experience.** Laurie has managed project control efforts for major GEC contracts with JAXPORT, the City of Jacksonville, and the Jacksonville Transportation Authority. She has been on point as the project controls lead for the \$2.25B BJP.



**Antonio “Tony” Mahfoud, Executive Oversight and CEI – Lead (E&R)**  
 FL PE 48302, B.S., Civil Engineering, University of Central Florida, 32 years of experience. Tony has more than

32 years of experience in engineering design, permitting, and construction management. He has represented municipalities on numerous Program Management contracts including Owner’s Representative on CEI, Design and Technical Guidance and currently serves as Program Manager of CEI Services for Clay County CEI Continuing Contract, COJ Resurfacing/Sidewalk Program Mgt and JTA’s Mobility Works Bond Issued Funding CEI Program.

**Elie Assi, PE, Senior Project Engineer (E&R) | FL PE#59996, M.S., Civil Engineering, University of North Carolina, 29 years of experience.** Elie is a lead SPE specializing in CEI and has served as the Senior Project Engineer for Clay County on the CEI GEC contract since 2013 and has additionally served North Florida region on numerous FDOT projects worth more than \$150M.



**Mike Woodward, PE, Geotechnical Manager (Wood) | FL PE #42814, B.S., Civil Engineering, University of Florida; M.E., Geotechnical Engineering, University of Florida, 33 years of experience.** Michael has managed and provided project geotechnical engineering services for transportation projects across Florida.



**Pete Sheridan, III, PE, Senior Project Engineer (VIA) | FL PE #45993, B.S., Civil Engineering, Florida International University, 30 years of experience.** Pete, a resident of Clay County, has broad-based experience in program management and construction administration of multi-million dollar projects.

**Additional CEI Qualifications**

In addition to the licenses and qualifications shown on page 1, our skilled CEI team holds the following certifications:

	<b>Construction Training Qualification Program (CTQP)</b>	<b>Total CEI Team</b>
<b>CTQP Certification</b>	Asphalt Paving I	35
	Asphalt Paving II	30
	Earthwork I	29
	Earthwork II	26
	Concrete Field I	26
	Concrete Field II	10
	Final Estimates I	36
	Final Estimates II	21
	Drilled Shaft	14
	Pile Driving	18
QC Manager	19	
<b>Other Certifications</b>	ACI Field Testing I	25
	ACI (CTCI) Level II	11
	Nuclear Safety	33
	FDOT Critical Structures	23
	Stormwater Erosion Cont.	31
	MOT Advanced/Intermediate	34
IMSA Traffic Signal Insp I	17	
IMSA Traffic Signal Tech I	4	

**Subconsultants**

The WGI team includes several subconsultants selected for their diverse expertise, local knowledge, and national resources.

**HDR** under George McGregor, will coordinate the acquisition of rights-of-way (ROW), easements and properties under this contract for Clay County. HDR has been providing ROW services in Florida for 20 years and has 200 ROW professionals, with 27 in Florida. They have the local support of our 51 Jacksonville engineers, architects, planners, scientists, and technicians ready to provide prompt response to the County.



HDR will also assist with the Financial/ Accounting and Project Controls services. HDR has managed the City of Jacksonville's \$2.25B BJP and has been the Program Manager for much of the \$1.5B transportation and infrastructure portion.

**E&R** will lead CEI efforts. E&R has provided CEI services to Clay County for many years and knows your specifications and processes. They thoroughly understand how to manage construction projects including those with unique and complex requirements. They have managed projects with a construction cost of up to \$600 million. Their review of design and construction methods focuses on improving and shortening the construction schedule, which in turn, saves clients time and money.

Other teaming considerations were based on their expertise, our mutual long-term and in-depth relationships, and their familiarity with the County's procedures and preferences. The combined resources and experience of our firms will give us the depth of staff, design expertise, and availability to successfully complete this project. Subconsultants' names, locations, project responsibilities, and their estimated percentage of work is provided on the table to the right.

### Extent of Repeat Business

WGI's history indicates a high level of customer satisfaction with our performance, quality, schedule, and service. A sampling of clients that entrust WGI to perform professional consulting services on a continuing basis includes:

- + Clay County BOCC (2 projects)
- + Clay County Utility Authority (8 projects)
- + FDOT (250+ projects)
- + FTE (200+ projects)
- + Palm Beach County (15 projects)

Subconsultant	Role	Location	Est. % of Work
<b>DBE</b> Acuity Design Group (ADG)	Public Involvement	Duval County	1%
<b>DBE</b> Aerostar SES, LLC (AES)	Remediation Services	Duval County	1%
<b>DBE</b> Alrod Logistics, Inc.	Inspection Services	Duval County	1%
Birchfield & Humphrey, PA (B&H)	Legal Services	Duval County	1%
CBRE Group, Inc. (CBRE)	Appraisals	Duval County	1%
Clary & Associates (Clary)	Geospatial	Duval County	1%
CSI Geo, Inc. (CSI)	Materials Testing	Duval County	2%
Eiland & Associates, Inc. (E&A)	Geospatial	Clay County	1%
Eisman & Russo, Inc. (E&R)	CEI, Executive Oversight	Duval County	29%
<b>DBE</b> Environmental Resource Solutions, A Division of SES Energy Services, LLC (ERS)	Environmental Permitting, Contamination	Duval County	1%
HDR, Inc. (HDR)	Scheduling, Document Control, ROW, Executive Oversight	Duval County	10%
<b>DBE</b> Toco Engineering, LLC (Tocoi)	Utilities	Clay County	1%
<b>DBE</b> VIA Consulting Services, Inc. (VIA)	CEI support	Clay County	5%
Weigel-Veasey Appraisers, Inc. (WVA)	Appraisals, Legal Services	Clay County	2%
Wood Environment & Infrastructure Solutions, Inc. (Wood)	Geotechnical Services	Duval County	2%

- + City of West Palm Beach (8 projects)
- + RS&H (17 projects)
- + Cone & Graham (50+ projects)
- + HNTB (6 projects)
- + Ranger Construction (75+ projects)
- + URS (12 projects)
- + CH2M (8 projects)
- + US Army Corps of Engineers (22 projects)
- + Florida Department of Environmental Protection (15 projects)
- + All five Florida Water Management Districts (114 projects)
- + Atkins (PBS&J) (22 projects)
- + Avatar Properties (6 projects)
- + Arcadis US (13 projects)

### Equipment & Facilities

WGI's Fleming Island office is conveniently located on US 17. It has a spacious

conference room outfitted with the latest equipment and technology to conduct meetings in lieu of utilizing County facilities. The conference room tables are adjustable and can be positioned to allow appropriate social distancing. We use Teams, Zoom, and Go-To Meeting for videoconference for additional measures to meet all COVID-19 protocols. Our hardware and software for drafting, 3D modeling, designing, word processing, scheduling, invoicing, file management, drainage calculations, coordinate geometry, and much more complement our highly-qualified professionals. Our well-furnished offices provide an efficient, effective environment in which to perform the Owners Representative services. Our high-speed plotters and laser printers allow us to produce a quality product in a cost-effective and timely manner. ProjectWise file sharing allows our Team to seamlessly collaborate with all our team members and County Staff.

Our cutting-edge computer drafting, engineering, data acquisition, and hydraulic software includes: MicroStation and Geopak with 3D Corridor Modeler, EPA's Surface Water Management Model (SWMM), TRANS CAD, ICPR including PercPack (Pond Modeling), Microsoft Project, HEC-RAS (Riverine Modeling), Water CAD, FFAST Piping Network Analysis, HY-8, ArcView GIS, Auto Turn, and ASAD (storm sewer modeling). MicroStation V8, Autodesk AEC Suite, Autodesk Infrastructure Suite, Autodesk Design Suite Premium, AutoCAD Civil 3D; Revit, TDS, GPS VectorNT Processing Software, Graftnet GPS Post Processing Software, Cyclone Cloudworks for Laser Scanning, Hypack Max Hydrographic Software, CAiCE; Descartes, and ESRI ArcGIS.

*For scheduling and project management we use:*

Microsoft Project, Deltek Vision Software, ProjectWise, SharePoint, Microsoft Teams, Office Suite (Office 365), Three Week Look Ahead, and Vena Project Resource Software.

**Our Survey Equipment Includes**

- Topcon GPS Receivers with GLONASS
- Ashtech GPS Receivers with GLONASS
- Topcon Prismless Total Stations
- Topcon Robotic Total Stations
- Topcon Digital Levels & Topcon Levels
- TDS Data Collectors
- VacMaster 4000 System SUE Trucks
- Metrotech Line Designators/Locators
- Rigid Line Designators
- ODOM CV-100 Hydrographic System with Narrow Beach Transducers
- MALA Ground Penetrating Radar Units
- Leica P-50 Laser Scanner
- Leica Pegasus2 Mobile LiDAR
- Leica Back Pack Scanner

- Riegl VUX UAV LiDAR
- Fleet 4-Wheel Drive Vehicles
- Alligator Cage
- DJI Drones
- Fire Fly6 Pro Drone
- Harris Hybrid Drone
- Teledyne Z-Boat 1800RP (remotely-operated)

**Our CEI Equipment Includes**

- 150 CEI Vehicles
- 18 Nuclear Density Gauges
- 16 Air Concrete Meters
- 6 Turbidity Measuring Meters
- 8 Noise Monitoring Devices
- 20 Go-Pro Cameras (field video)
- 15 Sign & Pavement Reflective Meters

**Three Similar Projects**

*Turnpike Mainline/I-595 Interchange (Owner's Representative), Broward County*

**Owner:** Florida's Turnpike Enterprise (FTE)  
**Construction Value:** \$105M  
**Reference:** Becky Bolan, PE, PMP  
**Phone Number:** (407) 264-3416  
 WGI designed the Turnpike/I-595 Systems Interchange to 60% as part of the \$1.2B I-595 improvements bid as a Public Private Partnership (P3) Design-Build project facilitated by FDOT District 4. WGI was FTE's **Owner's Representative** throughout the completion of construction of FTE's portion (\$105M) of the project, which consisted of multi-level interchange ramp reconstruction and operational improvements. WGI supported FTE's procurement efforts and completed miscellaneous design task work orders throughout the duration of this contract. Elements of work included roadways, structures, intersections, interchanges, geotechnical activities, architecture, surveys, drainage, signing and pavement markings, signalization, lighting, utility coordination, and all necessary incidental

items for development of a complete RFP package and procurement.

**Request for Proposal (RFP) Development Contract, Districtwide (Two Contracts)**

**Owner:** Florida's Turnpike Enterprise  
**Construction Value:** \$244M  
**Reference:** Christina Colon, PE  
**Phone Number:** (407) 264-3603

This is a general services contract for engineering and architectural services covering multiple areas within FTE system of toll roads in which FTE requested services on an as-needed basis of WGI and its subconsultant partners. The general objective of the contract is to develop Alternative Delivery RFPs to be used by FTE for procurement of Design-Build Firms (DBF). Acting as Owner's Representative for FTE, WGI reviewed plans, represented FTE in meetings, and protected FTE's interests. WGI and its subconsultant partners provided services to support widening, interchange, and resurfacing projects. Miscellaneous design task work orders were assigned throughout the duration of this contract. One of the major projects included in this contract was the \$244M Homestead Extension of Florida's Turnpike (HEFT) from SR 836 to NW 106 St.

**Lake Worth Beach Neighborhood Road Program Owner's Representative, Palm Beach County**

**Owner:** City of Lake Worth Beach  
**Construction Value:** \$40M  
**Reference:** Brian Shields  
**Phone Number:** (561) 586-1675  
 WGI is overseeing engineering, public outreach, and construction management of this four-year roadway improvement program approved as a \$40M bond program. The program is the City's largest capital improvement project to date and will dramatically improve transportation throughout the City's

residential areas, water distribution, and wastewater collection. As the General Engineering consultant for this project, WGI provided a single point of contact, maintaining consistency, cohesiveness, and collaboration among City staff and consultants for effective program management and delivered the program on schedule and below budget. Services included public involvement, engineering, construction management, designing and maintaining a program website, operation of a multilingual hotline, and review and approval of design plans for roadway and utility improvements.

### Accuracy of Engineer's Estimates on Recent Projects

WGI has an outstanding record of accuracy for engineers estimates thanks to its skilled staff who have design, construction, and CEI experience, and our extensive experience with contractors. WGI has delivered 42 transportation Design-Build projects and over 200 CMAR infrastructure projects and through this relationship with contractors has excelled at preparing engineering construction estimates. Our staff regularly performs construction phase services, enabling us to adjust cost estimates based on the ever-changing unit prices in bidding and construction. Our engineer's estimates are typically within 5% of the actual bids. Recently, our Clay County Sandridge Road Culvert Replacement project bid within 2% of WGI's engineers estimate.

Engineer's Estimates That You Can Count On			
Project	Estimate	Actual	% Difference
<b>Sandridge Road Culvert Replacement, Clay County</b>	\$1.2M	\$1.22 M	2%
<b>I-10 DB from Escambia Bay to SR 281, Santa Rosa County</b>	\$36.7M	\$38.6M	2.6%
<b>I-75 from Hernando County Line to CR 470 DB, Sumter County</b>	\$75.3M	\$76.9M	2%
<b>Turnpike Widening from Osceola Parkway to Beachline Expressway, Orange County</b>	\$185M	\$177M	4.3%

### Other Documentation

In addition to the three required projects that showcase WGI's past performance on similar size road construction programs with a combined value of at least \$100M, these HDR projects further demonstrate our ability to manage this program:

#### *Better Jacksonville Plan (BJP), Duval County*

**Firm:** HDR  
**Owner:** City of Jacksonville  
**Reference:** John Pappas, PE  
**Phone Number:** (904) 255-8748  
 HDR managed the \$2.25B comprehensive growth management program that provides road and infrastructure improvements, environmental preservation, targeted economic development and new and improved public facilities. HDR has been the Program Manager for much of the \$1.5B transportation and infrastructure portion of the BJP and has been a central and constant force allowing the Program to successfully navigate through the Great Recession of 2008.

#### *Bell Shoals Roadway Improvement Project, Hillsborough County*

**Firm:** HDR  
**Owner:** Hillsborough County  
**Reference:** Dean DiRose  
**Phone Number:** (813) 272-5670  
 This 44 parcel acquisition project involved the expansion of Bell Shoals Road. The project consisted of both commercial and residential properties, and was on

an accelerated schedule. HDR prepared easements and ownership lists for the acquired parcels and maintained constant communication with the engineers, surveyors, attorneys, and property owners.

### B. RECENT, CURRENT, & PROJECTED WORKLOAD

WGI's recent and current projects performed in our Fleming Island office are detailed on the following page. The only significant project requiring production resources is the I-10 Widening Design-Build Project. However, this project is 90% complete and will only require occasional management involvement until final plans completion at the end of 2020.

#### Projected Personnel Availability

The WGI team has reviewed the Scope of Services and evaluated the staffing level and number of positions needed to provide the owner's representative services and other professional services necessary to oversee the design and construction of the \$130M Roadway Bonding Projects.

The Projected Personnel Availability table on the following page shows the other project commitments of assigned staff and their availability to your project. Our program manager (Alan Mosley) has 99% availability to lead our team on this contract. In fact, all key staff assigned to this project have ample availability to successfully complete the management, reviews, and specialty services of this program and to assist with any other scope requests by the County. Issuance of the notice-to-proceed is anticipated by mid-July. WGI's Fleming Island office will have over 4,000 staff hours per month available to work on this contract. WGI has 550 professional and support staff to assist key staff members, if needed or required, to accelerate project delivery.

## Recent, Current, and Projected Workload

Project	Project Size (Const. Value or Contract Value)	State of Completion	Status of Project Relative to Completion Schedules	Alan Mosley, PE	Carlos Campos, PE	Will Stewart, PE	Eric Lanning, PE	Walter Kloss, PE	Rob Woodruff, PE	Kevin Cann, PE	Chris Stermer	Ryan Kett, PSM
I-10 Widening Design-Build from I-295 to I-95, FDOT District 2	\$176.4M (Const. Value)	<b>Design at 90%</b> Design Complete: 12/2020, Const. 2023	<b>Two weeks ahead of schedule</b>	1%	10%		20%	5%	15%	20%	2%	5%
I-10 at SR 121 Interchange Improvements PD&E, FDOT District 2	\$19.3M (Const. Value)	All but one task are substantially complete. No major work anticipated.	On Schedule, Project moved outside the 5-year program			5%						
SR 15 (US 17) from Water Oak Lane to Eagle Harbor Parkway, FDOT District 2	\$9.1M (Const. Value)	Design at 30% Letting 2022	On Schedule				20%			15%		
Clay County Continuing GEC Services Contracts (Task Work Orders)	\$546K (Contract Value)	Contract at 75%	On Schedule		20%	16%				10%		5%
SR 426 (Wekiva Parkway, Seg 6) Design Build, FDOT District 5	\$234.6M (Const. Value)	Design Complete Construction 5/2021	On Schedule		1%		2%	5%				
Miscellaneous	N/A	N/A	Ongoing					15%	20%		38%	20%
<b>Percent Available</b>				99%	69%	79%	58%	75%	65%	55%	60%	70%

Projected Personnel Availability		
Key Person	Other	Availability
Alan Mosley, PE	1%	<b>99%</b>
Carlos Campos, PE	31%	<b>69%</b>
Will Stewart, PE	21%	<b>79%</b>
Eric Lanning, PE	42%	<b>58%</b>
Walter Kloss, PE	25%	<b>75%</b>
George McGregor, PE	60%	<b>40%</b>
Tony Mahfoud, PE	45%	<b>55%</b>
Rob Woodruff, PE	35%	<b>65%</b>
Kevin Cann, PE	45%	<b>55%</b>
Chris Stermer	40%	<b>60%</b>
Joel Johnson	30%	<b>70%</b>
Mike Woodward	60%	<b>40%</b>
Tracey Glansen	45%	<b>55%</b>
Ryan Kett, PSM	30%	<b>70%</b>
Elie Assi, PE	30%	<b>70%</b>
Pete Sheridan, PE	40%	<b>60%</b>
Nancy Clements, PE	55%	<b>45%</b>
Laurie Luhrs	45%	<b>55%</b>

Our entire team has access to over 1,000 professionals in Florida and over 19,400 outside Florida. We have the resources and expertise to deliver this contract.

### Ability to Complete Concurrent Projects

WGI and its team members have extensive staff available and capable of creating several teams to achieve the project support or plans review during design, and multiple CEI teams to monitor the CMAR activities during construction. Our experience managing large programs means we use best practices and have ample resources needed to staff multiple concurrent projects, assign work to our several local firms, and use the exceptional talents of our key staff.

Our Project Management Plan shows anticipated schedules and milestones. Once approved by Clay County, we will

conduct a project kick-off meeting with all team members to establish clear lines of communication, assign tasks, and set deadlines. We will conduct weekly status update meetings for assignments, schedules, and budget requirements. Weekly reports will be shared with County staff for tracking and public outreach. Our team understands the importance of these projects and the public perception with their desire to stay informed.

WGI routinely reviews its staffing resources using Deltek Vision, VENA, and three-week look-ahead spreadsheets, which assign staff to under-contract work, anticipated pursuits, and future work efforts, to anticipate staffing needs and reassign staff where needed. This allows us to proactively manage resources throughout the company and perform on multiple concurrent contracts while we maintain quality services.

### C. FINANCIAL RESPONSIBILITY

WGI was originally owned in its entirety by Joel Wantman and was incorporated in 1991. Since that time and to promote a healthy and growing firm, we have evolved with 67 shareholders with David Wantman holding majority ownership. Eight of our key staff shown in the organization chart are also WGI owners. While the shareholders continue to grow over time, there has never been a sudden change in ownership or leadership. WGI has grown substantially since its inception and has strategically increased staff each year. With our growth, we have maintained control of our financial and technical health. An early indication of our financial responsibility was our successful completion of the FDOT overhead audit and financial review process. Another was our success during and after the great recession; we avoided layoffs and we adjusted our business model to increasingly pursue alternative delivery. This process gave a clear vote

of confidence for our accounting and management procedures. On the basis of our record, we enjoy a very solid banking relationship.

### D. INSPECTION & POST DESIGN

#### Statement of Overall Ability to Observe and Monitor Construction Projects

WGI is FDOT pre-qualified in Group 10, Construction Engineering Inspection, and is adept and successful at CEI. Our experienced personnel and careful monitoring through cutting-edge technology allow WGI to oversee successful completion of a wide variety of concurrent projects. Eisman & Russo and VIA are also prequalified in Group 10 and will be providing CEI services and have extensive Clay County experience.

**Our successful delivery of hundreds of projects, as well as this compliant proposal, demonstrate our ability to interpret specifications.**

### Ability To Observe & Advise

E&R is a leading provider of CEI services and an ENR Top 100 Construction Management firm. E&R, with additional CEI resources from VIA Consulting, will manage all CEI services. E&R provides project management/owner's representative services for a wide spectrum of municipal contracts that include roadways, bridges, drainage, and utilities. E&R has worked with Clay County on post-design and construction inspection for projects including Old Jennings Road, Henley Road, CR 209, Oakleaf Box Culvert, and over 13 different subdivisions under the current General Engineering Services/CEI contract.

E&R will tackle all identified bond projects with no learning curve and will meet the expectations of County Manager Howard Wanamaker, County Engineer Dale Smith, PE and CEI Manager Steve Koteris. E&R has served as an extension of the County, reviewing shop drawings within 24 hours of contractor submittals. In addition, E&R has provided CEI services on over \$2B in construction projects over the past five years including the Pensacola Bay bridge (\$580M); I-395 (\$900M); and the Overland Bridge & Roadway (\$180M). E&R's construction inspection specialists are dedicated to ensuring construction quality, problem solving, construction contract administration, schedule monitoring, and claims resolution. We understand the importance of avoiding construction delays, which often lead to claims submitted by the contractor. To that end, we use a decision-making matrix which enables our project managers to resolve field issues within 24 hours and establish a quick turnaround time to avoid claims and delays. E&R consistently works on projects with minimum field adjustments; and they prevent unnecessary construction delays and contract change orders.

Financial Responsibility	
<b>Bank Reference:</b>	For further banking reference information, please feel free to contact: <b>Doug Sherman</b> , Market Executive – SVP, Bank of America, <b>Phone:</b> (941) 730-7036
<b>Balance Sheet (Net Worth):</b>	WGI has provided a sealed envelope containing our confidential financial information which is attached to the <b>Original</b> proposal.
<b>Form of Business:</b>	WGI is incorporated in the State of Florida as an "S" Corporation. Corporate Registration #S66593.
<b>WGI's Officers Include:</b>	<ul style="list-style-type: none"> <li>+ David Wantman, PE CEO</li> <li>+ Gregory Sauter, PE President</li> <li>+ Mario Echagaurrua, PE COO</li> <li>+ David Kent, CFO</li> </ul>
<b>WGI also has the following professional licenses in the State of Florida:</b>	
<ul style="list-style-type: none"> <li>+ Professional Engineer #6091</li> <li>+ Professional Surveyor and Mapper #LB7055</li> <li>+ Professional Landscape Architect #LC26000521</li> <li>+ Professional Geology Business #GB758</li> </ul>	
<b>There are no unique risks associated that could threaten WGI's existence as a growing company.</b>	
<b>Federal Tax ID</b>	65-0271367



## WGI and Team's CEI and Construction Administration Experience

Client, Project, Const. Cost	Description of Services
<b>WGI</b>	
City of Boynton Beach, Main Lift Station, \$6.8M	CEI services for all phases of a new regional lift station and forcemain
City of Ft. Pierce, Service Canal Restoration, \$3.4M	CEI services for 2,000 ft long canal repair and culvert replacements
City of Lake Worth Beach, Neighborhood Road Bond, \$40M	CEI services for the Cities largest CIP four year Bond program
City of West Palm Beach, Banyan Blvd, \$10M	CEI for complete street, multi mobility Urban corridor
Palm Beach County, Atlantic Ave Roadway Design, \$7.9M	CEI services for roadway improvements, including bike lanes, sidewalks, drainage, and utility design
City of West Palm Beach, Vista Pkwy Roadway Improvements, \$790K	CEI services for all milling, resurfacing, structural, curb, swale and flume work
<b>E&amp;R</b>	
Clay County, Old Jennings Road, \$3.5M	CEI services for the widening of a two-lane rural road to a five-lane urban road.
City of Jacksonville, Countywide Program Management for Resurfacing/Sidewalk Construction, \$250M	E&R has completed over 2,300 miles of road resurfacing, 120 miles of sidewalk/bike trail, and drainage rehabilitation.
Clay County, CR 209, \$4.7M	CEI services for the widening of a two-lane rural to four-lane divided roadway
Clay County, Oakleaf Box Culvert and Sandridge Road Box Culvert, \$2M	CEI services for the removal, disposal, and replacement of an existing 4' x 9' barrel precast drainage culvert; and replace culvert/cross drains with double barrel 8' x 10'
JTA, Wonderwood, Segment 3, \$38M	CEI services for reconstruction of the existing two-lane sections to a four-lane divided urban roadway
FDOT D2, SR 21/Blanding Blvd., \$5.4M	CEI services for the widening and reconstruction of approx. one mile of SR 21/Blanding Blvd. in Clay County
FDOT D2, SR 9A, \$27M	CEI services for the construction of four miles of new interstate roadway
FDOT D2, I-95/ I-295 to JTB, \$25M	CEI services for widening of seven miles of interstate roadway
St. Johns County, CR 210 Phase II, \$10M	CEI services for widening from four lanes to six lanes and replacing existing box culvert with a one-span creek crossing bridge
FDOT D2, Overland Bridge, \$180M	CEI services for this 2.5 mile long project that includes 17 bridges
FDOT D2, SR 200 at I-95, \$48M	CEI for a DDI interchange project with 2.3 miles of road from four to six lanes and numerous utilities.
FDOT D2, SR 200/A1A Widening, \$18.5M	CEI for 1.5 miles of roadway from four to six lanes

## Our CEI Project Management Plan is presented on page 11.

### Specification Creation and Interpretation

Developing specifications that promote methods of performing work and anticipate qualities of materials and labor is both an art and a science. Our CEI team's Senior Project Engineers, Elie Assi, PE; John Kemp, PE; Pete Sheridan, PE; and Joey Wood, PE and CEI Project Administrators have completed FDOT courses on preparing specifications for CMARs, Design-Build, and Design-Bid-Build procurement. Our team understands how to communicate and clarify information that cannot always be presented in the Design Plan alone to avoid conflicting information and claims.

### Daily Reports / Monthly and Progress Estimates

Clear and concise project documentation and daily reporting avoids litigation and claims. We will record clear, detailed, accurate, objective, and complete construction information on a timely basis. Senior CEI Inspectors, such as Faqir Mujtaba, Jeremy Baker, and Russell Gautreaux, will review Daily Reports with the Project Administrator each day and complete the Weekly Summary together. Quantities for Progress Estimates will be extracted from the Daily Reports, tracked, and verified on a weekly basis with the contractor.

### Claims Avoidance and Claims Management

Immediately upon a possible claim condition being discovered, we will create an issue file which will contain copies of daily reports, photographs, videos, a field summary of events to identify the possible claim condition, recollections of previous discussions, meeting minutes highlighting key information, field level directions, and directions from the designer.

## CEI Project Management Plan

### 1. Post-Design Services

- + Retain ownership of the project throughout construction
- + Assist County in contingency development for CMAR
- + Attend preconstruction meeting prior to construction start
- + Responsiveness to Contractor to eliminate any construction delays
- + Review of shop drawings within 24 hours of submittal
- + Direct communication between our PM and Clay County's PM
- + Assist contractor in specification interpretations

### 2. Preconstruction

- + Determine County's needs for each project
- + Address cost, schedule, administrative services for CMAR
- + Provide utility coordination
- + Document preconstruction activities through videos and photos
- + Conduct a preconstruction conference with all major stakeholders
- + Provide bidding/cost analysis and assistance

### 3. Construction

- + Analyze Contractor's schedule and track progress and milestones
- + Review of shop drawings in a timely manner
- + Perform daily inspections, maintain daily and weekly inspection reports
- + Review of the Contractor's Maintenance of Traffic (MOT) Plan
- + Coordinate correction of deficiencies with County and Contractor
- + Coordinate requests for information (RFI) with the Engineer-of-Record
- + Provide public information services through flyers, door hangers, meetings and a dedicated project website
- + Review and advise County with Contractors' claims/contract change orders

### 4. Post-Construction

- + Review and verify all submitted drawings from Contractor
- + Prepare and submit as-builts and certificates of completion
- + Archive all project records and documents for easy transfer to the County
- + Manage through warranty period

## E. PAST AND PRESENT RECORD OF PROFESSIONAL ACCOMPLISHMENTS AND PAST RECORD OF PERFORMANCE FOR USING AGENCIES

### List of Completed Projects Similar in Scope, Including References (WGI)

WGI has extensive experience delivering similar projects. This includes working as owner's representative and General Engineering and Survey Consultant contracts and delivering numerous large Design-Build / CMAR projects. The following is a list of projects similar to the requested services that were provided by WGI. We have also listed projects that represent work our major subconsultants have performed to showcase our well-rounded team's experience.

WGI has received 25 awards for alternative delivery transportation projects in Florida, including receiving several prestigious national awards.



**Turnpike Mainline/I-595 Interchange**

*Turnpike Mainline/I-595 Interchange  
Owners Representative Contract,  
Broward County*

**Owner:** Florida Turnpike Enterprise (FTE)

**Reference:** Becky Bolan, PE, PMP

**Phone Number:** (407) 264-3416

WGI designed the Turnpike/I-595 Systems Interchange Improvements to 60% as part of the \$1.2B I-595 improvements bid as a Public Private Partnership (P3) Design-Build project facilitated by FDOT District 4. WGI was FTE's **Owner's Representative** throughout the completion of construction of FTE's portion (\$105M) of the project, which consisted of multi-level interchange

ramp reconstruction and operational improvements. WGI supported FTE's procurement efforts and completed miscellaneous design task work orders throughout the duration of this contract. Elements of work included plan reviews, quantity checks, safety analysis, coordination with FDOT, FTE and FHWA, and preliminary design of roadways, structures, intersections, interchanges, geotechnical activities, architecture, surveys, drainage, signing and pavement markings, signalization, lighting, utility coordination, and all necessary incidental items for development of a complete RFP package and procurement.



*Design Build Request for Proposal (RFP) Development Contract, Districtwide (Two Contracts)*

**Owner:** Florida Turnpike Enterprise (FTE)

**Reference:** Christina Colon, PE

**Phone Number:** (407) 264-3603

WGI provided **general engineering and architectural services** for FTE.

The general objective of the contract was to assist FTE as an extension of their staff with Design-Build RFPs for FTE. WGI completed task work orders for roadways, structures, intersections, interchanges, geotechnical activities, architecture, surveys, drainage, signing and pavement markings, signalization, lighting, utility coordination, landscaping and irrigation, right-of-way maps and legal descriptions, maintenance of traffic, tolling infrastructure and operations, cost estimates, environmental permits, and environmental mitigation plans. One of the major projects included in this contract was the \$244M Homestead Extension of Florida's Turnpike from SR 836 to NW 106 St.

*Lake Worth Beach Neighborhood Road Program Owner's Representative, Palm Beach County*

**Owner:** City of Lake Worth Beach

**Reference:** Brian Shields, PE

**Phone Number:** (561) 586-1675

As **General Engineering Consultant**, WGI oversaw engineering, public outreach, and construction management of this \$40M four-year roadway improvement bond program – Lake Worth Beach's largest to date. It improved transportation, water distribution, and wastewater collection. WGI provided a single point of contact, maintaining consistency, cohesiveness, and collaboration among City staff and consultants for effective program management. We delivered the program on schedule and under budget. Services included public involvement, engineering,



**WGI has been very professional in their delivery of Program Management Services over the four years of the Lake Worth Beach Neighborhood Road Program, helping us keep the \$40 million Program on schedule and budget.**

**– Brian Shields, PE, Director/City Engineer, Water Utilities**

construction management, designing and maintaining a program website, operating a multilingual hotline, and review of design plans for roadway and utilities.

*Wekiva Parkway (SR 429) Segment 6 Design-Build, Lake and Seminole Counties*

**Owner:** FDOT D5

**Reference:** John Tyler

**Phone Number:** (386) 943-5000

WGI is delivering Section 6 of the \$234M Wekiva Parkway, a new, six-mile long, four-lane, limited-access toll road. The project also includes a two-lane service road and a major segmental bridge over the Wekiva River (a designated National Wild and Scenic River). To accelerate project completion, WGI organized the project into three sections, managing subconsultants on each section of design. This project demonstrates WGI's ability to deliver a complex, best value project requiring multiple disciplines, as we have done many times. WGI provided: roadway and structures design; geospatial services; landscape and environmental design; permitting; signage and

pavement marking; lighting design; and traffic management.

*I-10 Widening from I-295 to I-95 Design-Build, Duval County*

**Owner:** FDOT D2

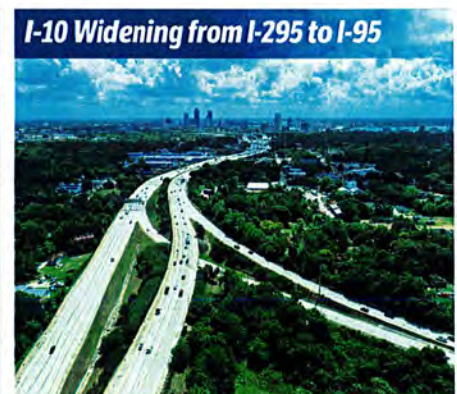
**Reference:** Craig Teal

**Phone Number:** (386) 961-7703

WGI is delivering this important \$176M northeast Florida design-build project. It will widen I-10 from west of I-295 to I-95 from six lanes to ten lanes. WGI is providing comprehensive engineering services for the project, including design of twelve bridge widenings, intersections, roadway widening, drainage, ITS, landscaping, signage, and post design services. WGI collaborated to develop the best design and construction solutions for the project – resulting in the best value for the people of Florida. The team's innovations resulted in elimination of disruptive roadway shutdowns and deep excavations on local City of Jacksonville roads. We also developed numerous solutions to enhance safety and mobility during construction of this major project.



**Wekiva Parkway**



*I-10 Widening from I-295 to I-95*

**Turnpike Widening from Osceola Parkway to Orlando South Interchange, Orange County**

**Owner:** Florida Turnpike Enterprise (FTE)

**Reference:** Bob Alderman, PE

**Phone Number:** (407) 264-3683

This \$177M project widened and reconstructed four miles of Florida's Turnpike from a four-lanes to eight. Improvements included modifications to substandard roadway geometry, interchange design, RR coordination, utility location and coordination, new stormwater management systems, retaining walls, sound barrier walls, widening of four bridges, reconstruction of three bridges including two 1,700+ foot long Category II third-level steel box girder bridges, four box culvert extensions, signing and pavement markings, new ITS facilities, highway lighting, environmental permitting, landscaping enhancements, and surveying and mapping. The utility locating effort on this four-mile project included coordination with 22 utility agency owners, utility record research, horizontal designations over approximately five utility miles with electromagnetic line locating, ground penetrating radar, and vacuum excavation utility test holes.

**Motor Carrier Size and Weight Design Support, State-Wide (FDOT)**

**Owner:** FDOT Central Office

**Reference:** Bryan Hubbard, PE

**Phone Number:** (850) 410-5462

WGI held two of these \$5M five-year task contracts, including 53 task work orders (TWOs), valued at over \$150M in construction. WGI provided a wide range of engineering, architectural, technical, and management services for various projects for the Motor Carrier Size and Weight (MCSAW) Office. TWOs included rigid pavement replacement at weigh stations, design and construction of unmanned Virtual Weigh Stations,

building renovations, and demolition and replacement of several facilities.

**District 1 Districtwide Design-Build Push-Button Contract**

**Owner:** FDOT D1

**Reference:** Kati Sherrard, PE

**Phone Number:** (863) 519-2590

WGI delivered this 12-county, \$55M safety improvement program. Work included intersection improvements, ADA upgrades, pedestrian/bicyclist safety improvements, turn lane widening and extension, access management median modifications, new intersection signalization and lighting, sidewalks, and drainage and local flooding remediation. Other design services included signing and pavement markings, ITS, survey, utility coordination, and geotechnical support. Each task work order on this multi-year contract was designed and built on-schedule and on-budget. This project received a National Roadway Safety Award for rapidly improved infrastructure for twelve Florida counties. **Won DBIA's 2019 Transportation Roadway Project of the Year.**

**I-75 Express Lanes – Segment A&B Design-Build, Broward and Miami-Dade Counties**

**Owner:** FDOT D4

**Reference:** Robert Bostian, PE

**Phone Number:** (954) 777-4427

The \$233M I-75 Segment AB is the largest and most complex segment of the I-75 corridor and extends 3.1 miles from NW 170th Street to south of Miramar Parkway. It provided express



**FDOT D1 Push Button Contract**



**I-75 Express Lanes – Segment A&B**

lanes in the existing I-75 median along with 2.6 miles of reconstruction of the Homestead Extension of Florida's Turnpike to accommodate a third level direct median-to-median flyover express lane connection and new systems interchange movements, as well as new CD roads and ramps at the Miami Gardens interchange. The improvements included 10 new bridges, four bridge widenings, and one bridge deck replacement. Segment AB and the systems interchange are critical components of the overall improvements to the corridor in both Miami-Dade and Broward counties. WGI services, as lead designer, included roadway design, structures, survey, environmental assessments and permitting, drainage, signing and pavement marking, utility coordination, and traffic control plans.

**Honored with the 2019 ACEC-FL Outstanding DB Project Award.**

**Shawn Thomas, Clay County Project Manager, rated WGI "Excellent" in their commitment, quality, interaction, and more, for the Sandridge Road project mentioned throughout this submittal.**

NO.	QUESTIONS	RATING	COMMENTS
2.	Rate the level of commitment of the firm to your project. Did they devote the time and management staff necessary for successful and timely work?	5	
3.	Rate the quality of customer service and the competence and accessibility of the personnel.	5	
4.	Rate the firm's interactive capability with your staff.	5	
5.	Rate the firm's success at minimizing and controlling potential mistakes. Were there bid addendums, contract change orders, etc.	5	
6.	Rate the overall quality of the work.	5	
7.	Rate the comfort and confidence you had in the firm.	5	
8.	If you have a similar contract to undertake in the future, would the firm be considered?		
	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		

RATING: 1 = POOR 2 = FAIR 3 = AVERAGE 4 = GOOD 5 = EXCELLENT

SIGNATURE: *Shawn Thomas* DATE: 4-11-18

CLAY COUNTY PROJECTS BY WGI			
Project	Fiscal Year	Description	Self-Assessment
Sandridge Road Culvert Replacement	FY 16/17	Bridge culvert replacement. Designed in consideration of future widening, spanning the R/W. Roadway approaches were reconstructed and resurfaced.	<b>Completed on time and within budget</b>
Clay County Continuing GEC Services Contracts (Task Work Orders)	FY 17/18 FY 18/19 FY 19/20	<ul style="list-style-type: none"> <li>+ <b>Task No. 1:</b> FEMA grant application for Hazard Mitigation Grant Program (HMPG), IRMA Disaster. 6 projects have been submitted and 4 have been awarded contracts.</li> <li>+ <b>Task No. 2:</b> Engineering Support for HMGP project management (Progress reports, RFI, Reimbursements, etc.). Additional services include bid package development and post design.</li> <li>+ <b>Task No. 3:</b> Topographic survey for an existing dirt road to be paved.</li> <li>+ <b>Task No. 4:</b> Construction plans for bridge approach slab void remediation at Williams Park bridge over Clark's Creek and CR 226 Culvert over Walkill Creek. Additionally, two corrugated metal pipes culverts along CR 209 have reached the end of their service life. WGI provided two alternatives to extend the life of the pipe culverts in lieu of replacement.</li> </ul>	<b>On going, excellent partnership with the county</b>

**List of Completed Projects Similar in Scope, including References (Major Subconsultant)**

*Better Jacksonville Plan Program Management, Duval County*

**Firm:** HDR

**Owner:** City of Jacksonville

**Reference:** John Pappas, PE

**Phone Number:** (904) 255-8748

HDR has been the Program Manager for the Better Jacksonville Plan, a major road widening and new road construction program since 2001. It included over 90 individual transportation, drainage, and utility projects from conceptual planning through completed construction. HDR manages the program so design consultants and contractors deliver projects on time and on budget while meeting necessary standards and criteria. As part of its services, HDR provides design and constructability reviews, community outreach, project controls, right-of-way acquisition, contract administration, and development of contract scopes, fee negotiations, and staff management. HDRs program management responsibilities

include consultant selection, budget management, coordination of design and permitting strategies, quality control, document control and management, and contractor relations. HDR led negotiations for transportation, drainage, and utility projects and developed phasing strategies to ensure successful completion of the program. This portion of the program is valued at approximately \$900 million.

*Jacksonville Transportation Authority (JTA) Mobility Works CEI – Bond Issued Funds*

**Firm:** E&R

**Owner:** JTA

**Reference:** Andy Rodgers

**Phone Number:** (904) 633-8537

E&R is providing Owner Representative CEI services on numerous projects utilizing a \$120M bond. JTA is constructing 13 roadway projects and projects in 14 mobility corridors over five years. Projects include roadway widening and mobility corridors for complete streets and transit enhancements. E&R coordinated with multiple utility owners to orchestrate relocation of utilities. Projects include Collins Rd, Kernan Blvd, Alta

Dr, San Pablo Rd, Myrtle/Moncrief and Philips/University.

**F. LOCATION**

WGI's local branch office is just 10 minutes north of Green Cove Springs at 4371 US Highway 17, Suite 203, Fleming Island. In addition, our team is composed of area firms, including four subconsultants with offices in Clay County: Eiland & Associates, Toco Engineering, Inc., VIA, Weigel-Weasey Appraisers, Inc. Our entire team includes 40 Clay County residents and over 1,000 Florida residents.

WGI's Fleming Island Office employs 27 professional staff and eight qualifying employees. **WGI has been providing superior services for 15 years in North Florida** since its Jacksonville office opened. The Fleming Island office was established in October 2011 to better serve Clay County and Northeast Florida. WGI's corporate office is in West Palm Beach. Other Florida branch offices are located in Miami, Orlando, Port St. Lucie, Fort Lauderdale, Tampa, and Tallahassee to better serve our clients throughout Florida.



## WGI Clay County Qualifying Employees

- + Walter Kloss, PE, Middleburg
- + Carlos Campos, PE, Fleming Island
- + Rob Woodruff, PE, Fleming Island
- + Eliza Partington, Orange Park
- + David John, Middleburg
- + Rebecca Chambers, Middleburg
- + Jamey O'Steen, Fleming Island
- + Christian Ivey, Green Cove Springs

## G. APPROACH & WORK PLAN

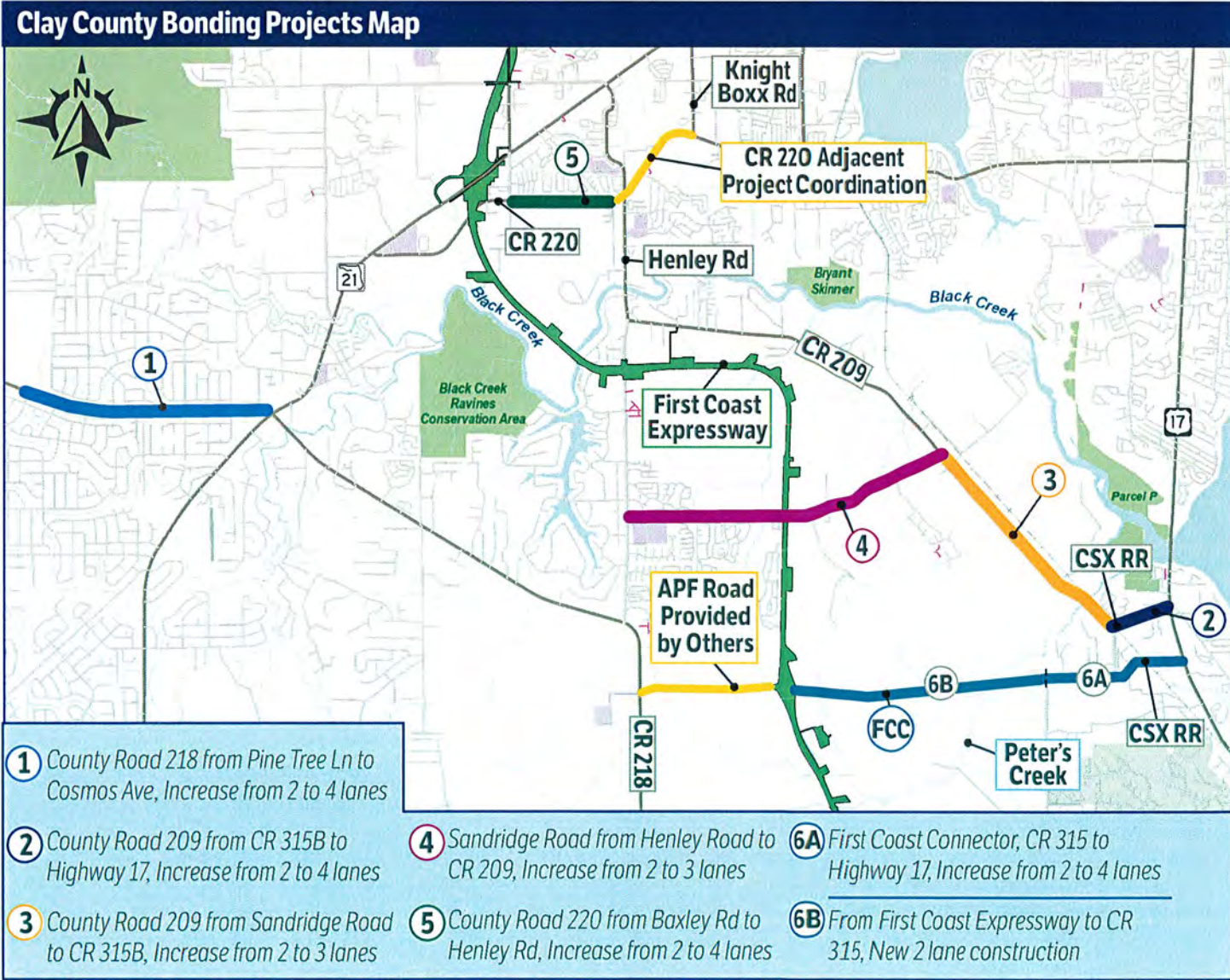
### Understanding of Scope

The WGI Team has been following the Clay County 2020 Transportation Bonding Program (Program); attending

Infrastructure and Development, Budget and Finance Committees, and Board of County Commissioners Meetings. We amassed data about the bond program's projects. We met with Clay County staff, stakeholders, and key individuals. We know everything needed to deliver this program. We provided guidance and sample scopes of work for the County's use developing this RFQ based on our expertise in alternative delivery programs and Owner's Representative services.

The RFQ defines Clay County's vision for the program for a Consultant to provide Owner's Representative Services (ORS) and other professional services necessary to oversee the design and construction (by others) of the \$130M 2020 Transportation

Bonding Projects. These services include oversight of the pre-construction phase (30% level plans), design, permitting, and construction. As Owner's Representative (OR), we will manage design consultants (Designers) and CMARs separately selected through a qualification process to develop a set of construction plans with a Guaranteed Maximum Price (GMP). There are six projects (including both phases of the First Coast Connector) included in this program and shown in the Project Location Map and accompanying Project Specific Scope Understanding Table on the following page. It is possible additional projects could be added to this list. We will deliver this program efficiently and effectively below budget in the hopes of adding additional project(s).



## Project Specific Scope Understanding

### 1 CR 218 from Pine Tree Ln to Cosmos Ave, Increase from 2 to 4 lanes

- The proposed four-lane urban typical section requires 8 feet of ROW. However final plans developed in 2004 and never constructed show that slight typical section modifications can fit within the existing 100' ROW.
- Property has been acquired for proposed ponds based on 2004 plans.
- The 2004 plans show Temporary Construction Easements (TCE) were utilized for driveway connections.
- SJRWMD permitting completed in 2005 expired and will need to be re-permitted.
- Several overhead and underground utilities along the project, including CCUA utility lines.

### 2 CR 209 from CR 315B to Highway 17, Increase from 2 to 4 lanes

- The proposed four-lane urban typical section requires approximately 28 feet of ROW in a narrow 80-foot existing ROW.
- CSX Railroad crossing.
- The City of Green Cove Springs has a 12-inch water main and 12-inch reclaimed water main on the south side of CR-209 from US 17 to the entrance of Edgewater subdivision and a four-inch sewer force main that runs out of the subdivision in an easement adjacent to the CSX rail ROW. Coordination with Green Cove Springs is needed to determine the extent of utility work and a funding source.
- Potential business impacts with ROW acquisition.
- Any ROW acquisition to the south will impact the First Haitian Baptist Church building and septic drain field within a few feet of the existing ROW line.

- Proposed improvements outlined in CR 209 Traffic Study (Feb 2017) include dual left turns from southbound CR 209 toward US 17.
- Edgewater Landing Subdivision recently constructed.

### 3 CR 209 from Sandridge Road to CR 315B, Increase from 2 to 3 lanes

- The proposed three-lane Suburban typical section requires approximately 24-feet of ROW in a narrow 80-foot existing ROW.
- Many individual property owners on east side.
- Larger lots with fewer owners on west side.
- Includes existing bridge over Peters Creek and several large cross drains.

### 4 Sandridge Road from Henley Road to CR 209, Increase from 2 to 3 lanes

- Proposed typical section is three-lane urban within existing 80-foot ROW.
- Several cross drains have been replaced in anticipation of four-lane typical section.
- ROW is anticipated for intersection improvements at CR 209 (Russell Road).
- Potential for joint-use stormwater ponds.

### 5 CR 220 from Baxley Rd to Henley Rd, Increase from 2 to 4 lanes

- The FDOT LAP CR 220 project from west of Henley Road to Knight Boxx Road scheduled for construction in Spring 2022.
- The proposed four-lane urban typical section requires approximately 8 feet of ROW in a 100-foot existing ROW.
- CCUA utilities will need to be relocated.
- Potential for shared use ponds with FDOT LAP project.

### 6A FCC, CR 315 to Highway 17, Increase from 2 to 4 lanes

- The proposed four-lane urban typical section requires approximately 28 feet of ROW within 80-foot existing ROW.
- CSX Railroad crossing.
- Several business impacts anticipated east of RR. Business impact damages not included in overall ROW costs.
- The City of Green Cove Springs has an eight-inch water main and four-inch sewer force main on the southside of CR-315 between US-17 and the CSX rail ROW. Coordination with Green Cove Springs is needed to determine the extent of utility work and funding source.

### 6B From FCE to CR 315, New 2 lane construction

- Proposed typical section is a two-lane suburban section within proposed 104-foot ROW.
- Includes new bridge over Peters Creek
- Property donated/nominal ROW costs from owner.
- Potential for joint-use ponds.
- Connects into FCE.
- Developer driven connection (FCC west) from CR 218 to FCE not required to be opened until FCE (2026).
- Roadway provides no traffic relief unless FCC west is constructed and open at the same time.

**We will expedite overall project delivery by performing typical section and ROW analysis to effectively determine best value for County prior to Designer selection.**



At the BOCC's April 14, 2020 meeting, the County expressed its intent to bundle the six projects into three separate groups with three separate sets of Designers and CMARs. Dale Smith, PE, Public Works Director/County Engineer proposed a "hybrid CMAR delivery model" as a delivery model which best allocates and controls risk. Dale described the City of Largo's CMAR process for its recent roadway improvement program. We reviewed the City of Largo CMAR RFQ and project examples and discussed lessons learned with a key manager of the Largo Program, **Barry Westmark**, to improve on this model for Clay County.

As your Owner's Representative, we will work with you to prepare RFQs, select, and negotiate contracts with Designers for design and permitting. While the Designers collect survey and geotechnical data and develop 30% design documents, we will develop the process needed to secure the services of CMAR entities and prepare:

- CMAR acquisition documents for advertisement and selection
- Negotiate with CMAR entities for pre-construction services to develop a GMP
- Work with CMAR entities to develop suitable GMPs

It is anticipated that the selected CMAR entity will be under contract for the pre-construction phase when 30% level design documents are ready and will work collaboratively with the Designer. The City of Largo model hires the CMAR to assist the Designers in the development of the design documents from 30% to the condition needed to develop a GMP. The Largo model also allocates limited funding to the CMAR during this period to assist in the collaboration. The CMAR will ultimately provide technical and value engineering input on the design and provide a GMP

prior to plans finalization. Our CMAR procurement documents will establish performance metrics and expectations with clear language and an emphasis on the pre-construction period.

If the County and OR accept the GMP, phase two (construction), will be implemented and the CMAR becomes the single point of responsibility for construction of its Project. The CMAR may prepare early work packages to fast track certain construction activities to accelerate project delivery. During the construction phase, the OR will provide CEI services. As part of our CEI services, we will schedule and conduct pre-construction and weekly meetings; enforce construction documents; review shop drawings and RFIs; review and analyze change orders; review monthly progress payment requests; prepare/maintain monthly progress schedules and reports; test construction materials; collect and deliver documents and deliverables prior to recommending final payments; deliver financial accounting reports; and conduct one-year warranty reviews.

The scope of owner's representative services includes program management, ROW acquisition, and CEI. However, the exact scope of services will be determined after selection. We will begin work immediately upon selection in July 2020 and continue through the construction close-out and warranty periods of all projects.

We will provide the following services as determined by the County: financial/accounting administrative, professional services support, public awareness, permitting support, and design support. We will establish project financial accounting systems, advise the County of projected funding needs monthly, perform cash flow analyses, and validate program requirements and budgets. It is anticipated that the County has or will employ

a Municipal Advisor (underwriter of municipal securities) and those municipal advisor services are not required by the OR. We will provide document controls and filing systems; establish projects schedules; conduct production meetings; provide status reports; and other general administrative services. We will review scopes of services for project design; review contract agreements; provide baseline surveying, right of way mapping and legal descriptions; and prepare paperwork and documentation necessary for submittal to BOCC. For public awareness, we will attend and participate in public meetings and workshops; prepare flyers, brochures, and hand-outs; notify media sources of project actions; and any other related awareness/communication services. For permitting, we will develop a comprehensive stormwater and wetland permitting strategy; guide Designers through the permitting process; review permit application and documentation packages; and other needed services. Our design support services will include: reviewing, evaluating and negotiating design fee proposals; monitoring Designer performance; reviewing/commenting on the 30%, 60%, 90%, and final completion stage plans; reviewing design criteria development compliance; assisting in value engineering; reviewing periodic progress payment requests; performing constructability review; performing geotechnical advisory support; performing surveying support; serving as expert witness; reviewing and recommending if the County should continue with the CMAR or competitively bid the project; and other design support services.

Our ROW acquisition services will include all services needed for the County to acquire complete or partial properties for construction. Such services include: conducting environmental Phase I and II assessments; Phase III environmental remediation; performing and confirming

appraisal accuracy; title searches; negotiating purchases; assisting in relocation; preparing suit packages for eminent domain; serving as expert witness; providing recorded deeds; maintaining financial accounting of all real estate transactions; performing asbestos testing/abatement on structures; and demolishing structures.

### Methodology in Production

Our Program Manager, Alan Mosley, PE, will regularly meet with the County's Project Manager and County Manager Howard Wanamaker to review the Program's progress, upcoming critical activities, and overall performance. Walter Kloss, Executive Oversight, will provide an additional line of communication with Howard as well as provide coordination between the Team and CCUA.

The start-up, funding, and execution of a 5-year Work Program/Roadway Bond Program requires proven techniques and **leaders skilled in consensus-building and delivering a vision.** Our well-defined workflow process, and **concise daily coordination and communication,** will facilitate on-time, on-budget project delivery.

During our Program Set-Up Period, our Program Manager and his deputy Program Managers will establish an authority matrix with clearly defined roles and responsibilities that will and frame how we interact with County staff. Will Stewart, PE, our Administrative Deputy Program Manager, will be a key leader in our Program set-up efforts with an emphasis on interactions between administrative functions such as finance/accounting, project controls, information sharing procedures/platforms, purchasing, and contract administration. While he does this, Alan will develop a Program Management Plan (PMP) with a Baseline Schedule and Cash Flow plan that will

inform our risk analysis, metrics, and dashboards. The PMP will include all operating procedures such as document control protocols, establishment and maintenance of a risk register, dashboards for reporting, and be the glue that binds the Program together through the planning, design, construction, and warranty management periods. It will be accessed through a web-based program management system customized to meet your needs.

With County staff, we will further develop/ evaluate existing data and conduct research to validate the Program's baseline budget, scope, schedule, and cash flow assumptions that were used to develop the Conceptual Budgets in the RFQ. Importantly, we will isolate and define unknowns such as extent of right-of-way acquisition required; unsuitable material removal potential; environmental impacts; utility adjustment and relocation needs; permitting requirements; and general site conditions.

Major program mobilization includes the controlled activation of people, equipment, tools, facilities, and systems at the time required to perform services and achieve clear objectives. Our Executive Oversight/Innovations team will collect and develop ideas to expand possibilities, stretch existing processes, reduce risk, and deliver the fast-paced schedule. This team is made up of north Florida's finest talent, and they have a long history of working together and creating success. Our staffing plan provides experienced, flexible, creative individuals to align with the County and serve as an extension of your team. Alan will draw additional resources as needed from WGI or our team members to deliver the program.

It is vital for staff to accelerate project activities within the established framework during this time, including data collection; public involvement; typical section

identification and development; ROW alignment analysis; utility agency owner identification and early coordination; pond siting and coordination for shared-use ponds; early ROW acquisition targets, and evaluation of critical corridor breakout components or segments for early construction. Our past OR and GEC experience includes performing multiple assignments simultaneously on projects in varying phases. Using a squad approach, we will assign PMs to oversee design segments, including design support, permitting, and RFP development. Carlos Campos, PE, WGI, will lead our efforts to acquire the services of Designers and CMAR entities. Carlos will lead all squads and be responsible for overseeing some of the design projects with the assistance of our Design Support Lead Eric Lanning, PE. The Designers will be selected and begin to develop design documents as the process of advertising for and selecting CMAR entities proceeds. The completion of the 30% design documents will mark a key benchmark as scope of right-of-way acquisition needs will come into focus. Our approach launches alternatives evaluation and project development activities as early as possible and then hands work over to the Designers, as follows:

- + Our ROW team will begin evaluating, appraising, and developing offers for parcels of opportunity immediately upon contract execution. This will set the framework for a seamless transition to a ROW acquisition.
- + We will conduct alternative corridor and typical section evaluation activities and promptly develop an Alternative Evaluation Report.
- + Our preliminary design activities early in the project schedule will include development of criteria, standards, and elements that we will transfer to the Designers to achieve consistency across the corridors.

- + We will assign a Risk Manager, prepare a Risk Management Plan, and maintain a Risk Register from NTP through program completion. It will be discussed weekly with the County and our team, so we are always aware of the current exposure and probability and continue to effectively look at what lies ahead.

We will consider all risks, including storm events and COVID-19-like pandemic events. We recognize the uncertainty COVID-19 has brought and that the 2020 and 2021 Hurricane Season are predicted to be more severe than average. We will work with the County to establish response protocols which will become part of the PMP. We will hold Industry forums to communicate with the industry and seek feedback to mitigate risks.

**Our approach to delivery is simple – we will go above and beyond the required effort to ensure Clay County's success in delivering the projects below budget and on-time by the Bond mandated deadlines.**

Through proactive management and technical oversight, we will function as an extension of County staff in all areas of planning through construction to bring your vision to reality. Our team will be your technical experts. As part of our innovations strategy, we will rapidly gather and synthesize data, develop options and recommendations, and bring those to County leadership for policy decision making. We will provide ideas, communicate clear direction, and engage with third parties on behalf of the County, in accordance with expectations to deliver your goals.

### **Comprehensive Stormwater and Wetland Permitting Strategy**

Our team has permitted numerous projects in Clay County including Sandridge Road, Henley Road, and portions of the SR 23 (First Coast Expressway). Our approach includes early communication and coordination with regulatory agencies

and stakeholders. We use the latest in digital communication, including a novel GIS tool we developed and used successfully on behalf of FDOT. Which superimposes topography, wetlands, floodplains, contamination sites, existing ROW, proposed ROW, wildlife habitat, soil types and more onto the proposed typical sections and required ROW. This facilitates decision making, such as ROW acquisition, avoidance/minimization of environmental impacts, and roadway geometry. With these base maps, ROW and wetland impacts can be quantified and recommendations to minimize them will be reviewed with the County. With concurrence from the County, we will request an early coordination meeting with the St. Johns River Water Management District (SJRWMD) and the US Army Corps of Engineers (USACE). These early coordination meetings will document any special stormwater or environmental considerations, inform the SJRWMD and USACE of the proposed construction schedule, identify mitigation sources and need, and expedite permitting. Our strategy includes:

- + Utilize joint-use ponds within existing developments.
- + Coordinate joint-use ponds within planned developments with owners.
- + Both CR 209 and the FCC cross Peter's Creek, a FEMA Regulatory Floodway. Proposed crossing or modifications to existing will need to be designed to cause a No-Rise in the water surface profile.
- + Treat and attenuate stormwater runoff in swales in suburban typical sections.
- + Locate stormwater ponds outside of wetlands to reduce environmental impacts.
- + Use wet detention stormwater ponds in areas with a high-water table.
- + Identify potential environmental species of concern early to develop a mitigation

strategy to avoid permitting so species relocations do not impact schedules.

### **Right-of-Way Acquisition Services**

**Tracy Glansen** will serve as the ROW Project Manager and will coordinate all activities, reports and other communication necessary to fulfill the requirements of the work for quality, timeliness, flexibility, and innovation. If a project schedule dictates, our team can reduce a typical 24-month schedule by 50%. We achieve this reduction by utilizing time-saving technology such as SharePoint for records maintenance and internal approvals, DocuSign for Notices and Offer packages, Simplifile for conveyance recordation, and we will prepare lawsuit packages early on to accommodate an accelerated condemnation schedule. Our project specific QA/QC Plan for this contract will include ROW QA/QC protocols. Our QA/QC Plan will itemize and detail the steps to be taken to ensure a quality product based on the concept of peer review. The responsible professional who created the document will submit the document to a second responsible professional who will also review the document. This process will be documented and audited for compliance.

Our Team includes technical expert **Mary J. Dorman, Esq.** Mary manages HDR's ROW team in Florida, and has over 25 years of experience acquiring ROW for state and local government clients. She taught the eminent domain portion of the Florida Bar's City, County and Local Government Board Certification Review Course for nearly ten years and has served or is serving a variety of local governments. Before any work commences, we will meet with County personnel to review statutorily-required notices and County preferred forms for offer packages, contract records, conveyance documents, subordination documents, lawsuit packages, etc. Additionally, we can create appropriate forms for the County's consideration if needed and discuss



records management preferences with the County to ensure project delivery to the County's satisfaction.

For each project, we will hold a kickoff meeting to discuss expectations, the production schedule, and communicate project issues and potential concerns. Throughout the life of the project, we will provide project status reports as required, and will stay in constant communication with the County and the project team about progress.

Once the ROW maps and/or sketches and legal descriptions are complete, our team will review easements and/or boundary surveys, review legal descriptions, and coordinate with our appraisers and title service providers for the delivery of appraisals and title work. We will set up files for each parcel to be acquired pursuant to County preferences. The County's statutory project notices will be sent to all owners and eligible tenants. Title work, construction plans, right-of-way maps, and appraisal reports will be reviewed for consistency with one another. Utility subordination issues, if any, will be dealt with early in the project. CCUA has several easements adjacent to existing County ROW that may be impacted by proposed ROW requirements. Agents will review all parcel documents before meeting with affected property owners and their attorneys to evaluate the property owners' concerns, and ultimately to make offers. A differentiator of our team is our depth of relationships with property owner attorneys across the state which enables us to achieve high settlement rates on our projects. Another differentiator is our knowledge of business damages. If a settlement is reached, a settlement justification will be prepared for the County's review. Once approved, we will conduct the closing. If a settlement is not reached, condemnation proceedings

will be initiated. All title information will be updated, and the suit package will be prepared in accordance with County preferences. Our Team includes members with the experience and expertise to draft all legal pleadings if needed or desired by the County. Our Team includes attorney **Bruce Humphrey** who works for Clay County on eminent domain. Bruce has extensive experience representing local condemning authorities.

Though the scope of services for this contract includes relocation and property management, our review of the projects indicates that such services are not frequently required for local government contracts, and, due to space constraints we have not focused on such services in this approach. However, our team has strong experience in relocation and property management matters.

We will utilize existing ROW, where possible, accept donations of land, and provide incentive offers to landowners on approved projects. This approach advances ROW acquisition needs to the County and is effective in reducing costs. When appropriate, we will evaluate letting construction projects prior to ROW acquisition to advance construction. Projects may be segmented to accelerate construction while creating jobs quickly and distributing design/construction work.

***The Uniform Relocation Assistance and Real Property Acquisition Act, 1970 (URA)*** was passed in 1970 to ensure fair compensation and assistance for those whose property was compulsorily acquired for public use under eminent domain law. ***While FDOT follows URA when exercising eminent domain, Clay County has many options in their application of acquisition authority that will reduce schedule, potential litigation and schedule concerns.***

WGI will discuss this process in detail with county personnel at the onset of the contract to establish the appropriate course of action that will eliminate unnecessary costs and time-consuming tasks.

A proven method to reduce schedule delays and acquisition costs is to reduce the numbers of parcels impacted by the proposed improvements. Design decisions including corridor width and alignment location will be carefully evaluated with parcel impacts as a primary consideration. Also, the innovative use of short walls, handrail, back-of-walk drainage and the placement of signs and signal poles will be considered when a unique design application will avoid unnecessary parcel acquisitions.

### **Construction Engineering Inspection (CEI) Services**

Our Team's experience providing CEI services to Clay County goes back to 2005. We tailored our approach to CEI based on the specific needs of the County. This approach uses local, flexible, talented staff; a small, central administrative staff familiar with Clay County processes and procedures; and the ability to help on all tasks as included in the Scope of Services for this RFQ. Our ability to convert a scope of services into an effective work plan has seen much success over the last 15 years in working with the County. Section D presents parts of our understanding and approach to implementing a successful CEI program. Our PMP outlines how we will implement preconstruction, construction, and post-construction services. Additional measures we will implement are detailed in this section.

CMAR procurement has certain advantages related to 1) ability of the CMAR to make beneficial input to the design process thus owning the design and lessening the potential for claims; 2)

ability to accelerate the project schedule; 3) enhance cost certainty at an earlier date which gives the County the ability to adjust its decision making; 4) mitigate the risk of construction volatility by bidding early work packages; and 5) enhancing control during the design process. All the advantages of CMAR are lost if the quality of the constructed project is poor. Quality management during construction and working together with the CMAR, who has already assumed a significant degree of ownership during the design phase, makes it less prone to submitting claims. Our team will enhance quality starting at the procurement phase, nurtured during the design phase, and applied when construction begins on the projects. We will assist Clay County in the selection of good, experienced CMARs and clearly delineate the County's quality expectations from concept to ribbon cutting. We will invest management time, effort, and creative energy to structure quality management in the procurement phase thus increasing success during design and construction.

### Preconstruction Services

As the design matures toward construction start, our team will identify and act on specific activities that need to happen before construction commencement including:

- + **Constructability Reviews:** conduct an in-depth constructability review.
- + **Pre-CQC Meeting:** conduct a Contractor Quality Control (CQC) preconstruction meeting to review CQC specifications, outline testing procedures, establish operational procedures, review responsibilities, and resolve contractor questions.
- + **Schedule Review & Monitoring:** Review project schedules against FDOT or other project improvements to coordinate traffic control plans and other project coordination.

- + **Partnering:** implement partnering in improving communications, increasing trust, managing project goals, and expediting decision-making time.

### Construction

Our approach to quality project performance during construction includes:

- + **Safety:** Safety is priority number one on every project. We will work with the contractor and review safety measures for trucks and equipment entering the work zone. We will also perform daily safety review checklists to include job-site protection and report hazardous conditions to the contractor for immediate correction.
- + **Maintenance of Traffic (MOT):** Perform daily inspection and report deficiencies to contractor for immediate correction.
- + **Inspection of Contractor's Work:** Check construction complies with contract documents and activities are properly documented in the Daily Report of Construction, and all work items are documented in the appropriate field books, plans, computation book, and log sheets.
- + **Contractor Quality Control (CQC):** Review verification testing and perform monthly reviews of all CQC records to confirm appropriate testing and controls are performed and documented.
- + **Contract Compliance:** Check compliance with plans, specifications, and other contract documents prior to the end of each shift. This allows for items to be resolved quickly at the lowest possible level. Items that cannot be resolved in the field will be escalated within 24 hours to our Project Administrator and Senior Project Engineer for swift resolution.
- + **Environmental Monitoring:** Monitor contractor's erosion control practices

daily using in-house digital turbidity monitoring equipment. Any deficiencies will be reported to contractor for immediate corrective actions.

- + **Measurement of Pay Item Quantities:** Pay item quantities will be measured daily and tracked regularly.
- + **Contract Administration:** Conduct bi-weekly meetings with contractors and utility owners, resolve problems that arise in the field, and avoid claims by identifying potential conflicts early.
- + **Critical Path Method (CPM) Reviews:** Track the CPM schedule during construction and make suggestions to get the project back on track if schedule is threatened.

### Post-Construction

After construction is complete, we will perform all necessary closeout activities, deliver the final estimate package, coordinate with maintenance, and provide all other project deliverables on-time.

### Documentation

We will provide thorough and accurate documentation for all construction projects. Our team has the programs, forms, and procedures to maintain a detailed account of project events. A partial list of the documentation we maintain includes: Engineer's Weekly Summary, Controlling Item of Work Plan, Daily MOT Inspection Reports, Daily Safety Report, Shop Drawing Control Log, RFI Log, Photo and Video data, Field Quantities Tracking, Density Log Books, and Time File.

### Identification of Problem Areas and Proposed Solutions

A sign of the times in which we live, Infectious Disease Outbreak (COVID-19) was added to the Economic Factors, Cyber-Security, and Natural Disasters/Extreme Weather call outs in the Investment Considerations section of the Official Statement document related to Clay

County's Series 2020 Transportation Bond Issue. We will ensure that risk is factored into every decision made in managing the Program.

In addition to the risk factors referenced above, we identified the following project challenges and solutions to complete the program on time and under budget with minimal impacts to County residents and stakeholders.

### **Project Priority and Available Budget**

We anticipate Projects 1 through 4 (categorized as deficient) are top priority projects with Project 5 (Categorized as critical) the next on the list. The FCC (projects 6A and 6B) appear to be the last priority of the projects, and replaced projects that are no longer included in the project list. There is no stated prioritization, which becomes a significant issue if the conceptual level budgets prove inadequate. In addition, the scope and lane requirements of projects 3 and 4 were reduced to account for diversion of traffic from those roadway systems to the FCC roadway (Project 6) with the connection from CR 218 to US 17. Without the full connection of the FCC, the proposed reduced improvements on projects 3 and 4 may be inadequate.

Our solution to resolve this potential traffic and project dilemma would be to construct projects 1-5 and Project 6B. Project 6B is needed along with the developer-proposed FCC west of the FCE to make a full connection between CR 218 and CR 315. Project 6A (CR 315) would commence only when final ROW costs and the GMP have been determined. If funds are not sufficient, minor capacity and intersection improvements can occur on CR 315 to provide necessary connectivity and capacity.

### **Business Impacts and Damages**

The majority of the projects go through rural and residential areas. However, CR

209 at US 17 and CR 315 from the CSX RR to US 17 traverse through commercial and industrial properties. While ROW costs were established in the budgets, the cost of acquisition services and potential business damages, which could be significant, were not included in the budgets. Also, if the property owner(s) are unwilling sellers, and eminent domain condemnation procedures are initiated, the final compensation determination may take several years to finalize in the court system even though the County has obtained the property rights.

Several solutions to minimize these impacts include adjusting the typical section (lane widths, median widths, sidewalk locations); conducting ROW evaluations and property owner coordination early to ascertain fair price and willingness of sellers; and solutions identified in the Project Priority Challenges.

### **Expediting the 30% Design**

While the detailed scope of work for the OR contract has not been established, the schedule included in the County's estimates has design completed within three months of selecting designers. This does not take into account the roughly three months needed to collect geospatial data necessary for design. To expedite project delivery, we propose that we prepare the full survey for the first series of roadway projects while Designers are being procured. It will allow designers to begin design within one week of receiving their NTPs. The same approach can be used on the second group of projects, or individual designers can perform their own surveying.

### **Timing of Guaranteed Maximum Price and Construction Start**

The CMAR process enables the selected Designer to nearly complete plans prior to the CMAR entity providing a Guaranteed

Maximum Price (GMP). With six known projects, all on potentially similar timelines but different GMP milestone dates, the date at which the County and OR will know if the construction budget will be met is approximately February 2022. Knowing the construction cost at this date may not lend to making project adjustments to reduce costs to ultimately deliver this project on time. We have reviewed the proposed projects and would recommend that one to three projects may be able to be advanced into construction earlier and therefore have construction costs known earlier. These projects include CR 218 (project was designed and permitted in 2004 but never constructed); Sandridge Road due to its minimal ROW requirements and proposed typical section; and FCC Project 6B which is mainly a new alignment through developer property. Procuring these projects using low-bid design-build procurement would shift appropriate risk on cost to the DB Team, **meeting the County's objective of on-time and below budget.** The DB process also typically only requires a 90% and 100% submittal which further accelerates plans production. Advancing construction will accelerate investment in our local economy and get people back to work quickly. It will allow projects to be constructed in advance of adjoining projects, helping maintain mobility during the program.

### **Roadway Typical Section Requirements**

The proposed typical sections included with the RFQ in many cases require significant ROW acquisition. Our review of the proposed typical section along with the available ROW widths show that adjustments to the sections can be made while achieving a safe roadway for all and minimizing ROW takings and environmental impacts. **Accomplishing this on CR 218 will save Clay County \$1.3M.**

**Adjoining Project Completion and Traffic Control Impacts**

The section of CR 220 from west of Henley Road to Knight Boxx Road, a FDOT LAP project, is anticipated to begin construction in Spring 2022. This project includes significant intersection improvements at Henley road including a left turn jug handle and the replacement of the bridge over Little Black Creek. The anticipated construction of Project 5 from Baxley Road to west of Henley Road begins prior to the FDOT LAP project and will have a shorter construction duration. We can schedule this project to avoid issues with completing logical four lane improvements on CR 220, and to coordinate the opening of Project 5 to coincide with the opening of the LAP project. Alternatively, the two projects can be bundled to avoid the issues inherent to having two contractors working adjacent to each other and to provide efficiencies in contract administration and inspection.

**CMAR Approach**

While the Largo model procures the designer separately from the builder, the construction industry prefers a CMAR procurement in which the CMAR entity selects its own designer. This approach offers several advantages: the CMAR and Designers experience working together; the ability of the CMAR and Designer to collaborate as early as possible to maximize innovation and cost reduction; cost savings related to procurement; and schedule advantages. It provides a more efficient contract format - and a single point of responsibility and negotiation with the County. The County will only have three contracts, rather than six. Additionally, several contractors use equipment that is informed by



3D models to provide construction efficiency, precision, and cost-savings. The county would benefit from such contractors working with design firms who have 3D modeling capability.

**Economic Impact of WGI's Clay County Office**

Throughout the discussions regarding the Clay County Transportation Bond, the County Commissioners emphasized the importance of keeping as much of the Bond money local as possible, by choosing local companies to do this project. As such, WGI collaborated with the Florida Chambers Chief Economist, Dr. Jerry Parrish, to determine its local impact per year with our local office.

It was determined that the Economic Impact with WGI's local office totaled \$10,763,253 annually. Beside the 27 WGI employees, there will be an additional 46 Indirect and Induced jobs. The 46 additional jobs would average \$35,210 per job for an additional \$1,617,100 in annual income. The total State and Local tax would be \$299,500 from the business side with households paying additional State and Local taxes of \$42,000. The five year total impact from the WGI office without any change in staffing will exceed \$50M.

**Production Schedule**

A five-year work program with numerous phases has many activities each year. The Bond requirements necessitate speed, innovation, and best practices. We will develop and manage all project assignments with resource-loaded CPM schedules. Our experienced schedulers and project controls team will create and maintain custom project schedules.

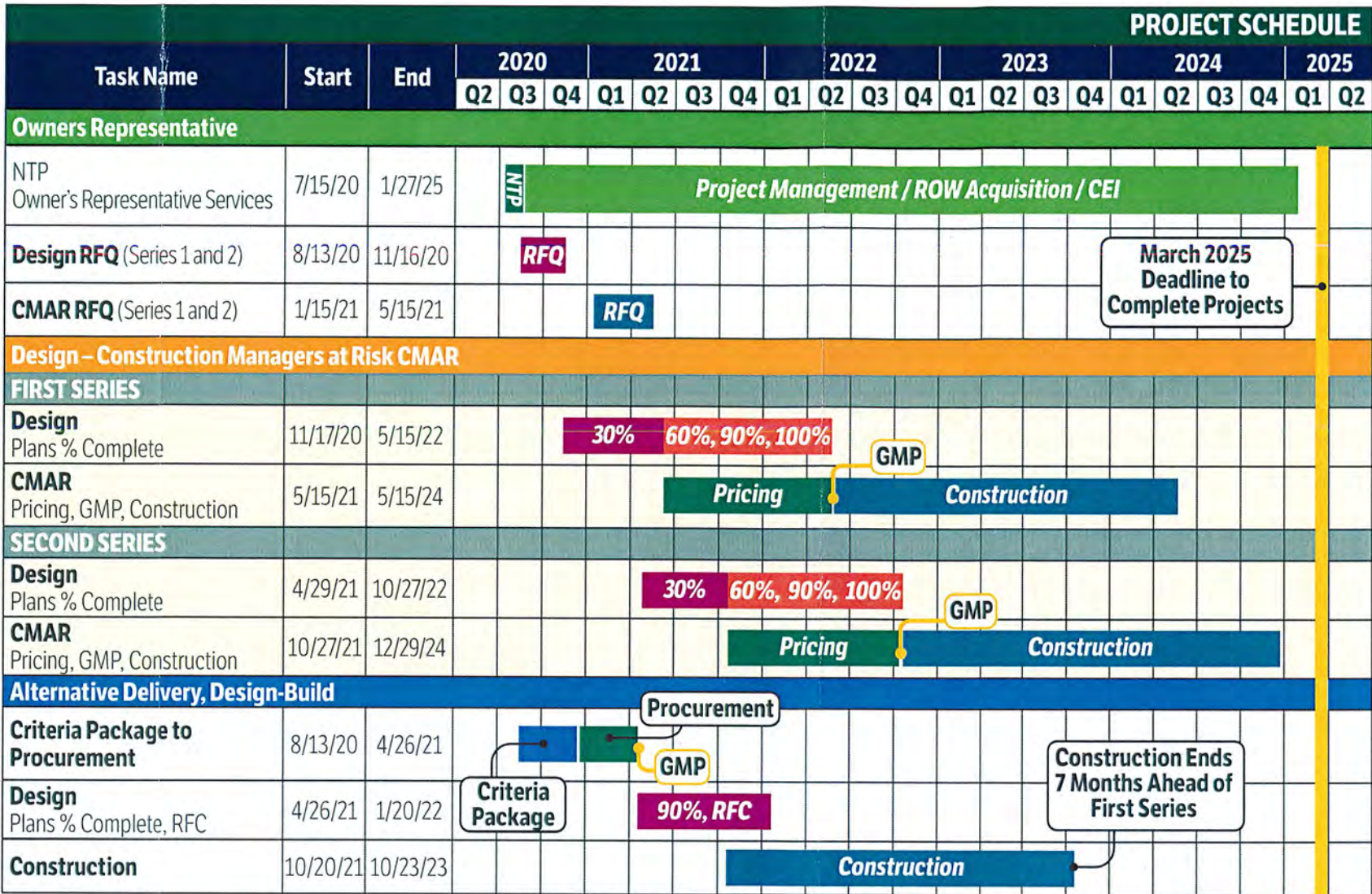
Our proposed schedule of services and deliverables is depicted to the

right. Our plan requires procurement of Designers within the first month. The Designers will begin the survey (or the OR will complete the survey as described in the "Expediting the 30% Design" on page 22) and geotechnical data gathering to begin the 30% designs. While this effort is underway, the CMAR procurement and selection will occur. Our schedule includes a staggered approach for the development of the final plans and construction activities. It is anticipated that Projects 1, 2, 4 and 6B will be in the First Series of projects. The Second Series will likely include Projects 3, 5 and 6A. All projects are anticipated to be completed at least three months prior to the March 2025 deadline to allow for weather delays and contingencies. Our staggered approach allows roadway users to avoid long work zones of adjoining projects and keeps at least one intersection with US 17 (either CR 209 or CR 315) to remain relatively undisturbed while the other is under construction.

We have also provided an alternative Design-Build (DB) schedule if the County elects to procure one to three projects with this procurement method. If the County opts for this method, we will obtain a DB Price at approximately 17 months prior to the First Series of CMAR projects and complete construction 7 months sooner. This early price will help determine budgetary flexibility sooner and allow adjustments to the program (either adding more projects or adjusting design requirements to further reduce overall project costs).

**Potential Savings Through Innovation**

The WGI Team is aware of budgetary concerns regarding completion of the program as well as the potential



to add more projects if projects can be delivered more cost effectively. Our team has identified the following innovative ideas and potential cost saving measures.

- + **GIS:** Use GIS data to expedite research. We will create a GIS dashboard and our GIS data can be used to supplement the County's.
- + **WGI Fleming Island Office:** Conduct Designer and CMAR review meetings in our local Fleming Island office conference room will reduce costs by only having technical staff attend during portion needed.
- + **Design-Build (DB):** Using Low Bid DB procurement method for applicable projects enables us

- to obtain bids earlier and identify potential cost savings to be re-appropriated sooner; shifts risk from the County to the DB Team; accelerated construction and positive economic impact of program; and provides outstanding cost-competitiveness.
- + **Mobile Scanning:** Use WGI mobile scanning or drone survey technology to expedite data collection.
- + **Joint Use Stormwater Ponds:** Utilizing joint use ponds of adjacent improvement projects or land development sites reduces ROW acquisition and costs.
- + **Typical Section:** Reducing typical section width requirements, with no safety compromises,

- reduces construction and ROW costs and can have a significant cost reduction to several projects.
- + **Direct Purchasing:** Leverage the County's ability to direct purchase project materials like stormwater piping, certain drainage structures, guardrail, and other materials to save tax costs. CCUA does this to save construction costs.
- + **Centralized CEI Administration Office:** Consolidate project office requirements, reducing overall project costs.
- + **Verification Testing:** Use a modified version of the CPAM, applicable for projects with no federal funds, to reduce

- unnecessary testing and save project costs.
- + **Local Flex Staffing:** With multiple concurrent projects in construction, use a flexible staffing approach to float personnel between multiple projects, reducing CEI costs.
- + **Electronic Document Management System (EDMS):** Our team will utilize an EDMS for all project data. This technology provides the County with an archival system that protects documents, allows for rapid retrieval, and reduces the need for filing space.

**+ Added-Value Science, Technology, Engineering, and Math (STEM)**

**Education Program:** The WGI Team will develop a STEM educational offering for Clay County public school students introducing them to practical applications of what they are learning in class and careers in engineering, construction, and the sciences. The STEM offering will include real-life examples from the Clay County Roadway Bond Projects in their own communities, showing how their STEM studies can enable them to make an impact on the world around them.

**H. TIME & BUDGET**

**Statement of Overall Willingness to Meet Both Time and Budget Requirements**

**The WGI Team is committed to meeting the time and budget requirements of the Clay County Roadway Bond Program as we have continuously done for many years on similar projects.**

Our Program Manager, Alan Mosley, successfully managed the City of Jacksonville's \$2B Better Jacksonville Plan (BJP). A very talented technical and support staff and a full array of computer software programs are available to our program manager and project managers. WGI uses Deltek Vision for project cost control and accounting, as do >50% of Engineering News Record Top 200 design firms. With Vision, we access reports at any time for monitoring expenses versus work product. WGI uses Microsoft Project for scheduling. We will hold progress and schedule review meetings with Clay County on a regular basis. Budgeting, job programming, right of way acquisition, utility coordination and permitting all play critical roles in the management and development of successful roadway projects.

We understand that Clay County and our clients rely on us to provide accurate and comprehensive schedule and budget information. Prior to the planning, design and permitting process, we analyze the issues that will affect the permitting, timing and cost of a project and consult with the appropriate team members. We then formulate a plan to accommodate the critical path and incorporate innovate scheduling and cost saving measures. Some of the methods we employ to ensure timely and cost effective roadway projects include:

- + Develop a well-defined scope addressing survey, design, right of way, utilities, permitting and construction cost estimates.
- + Analyze roadway widening to the left side, right side and around the centerline to minimize impacts and costs.
- + Prepare a pond siting analysis with at least three viable alternates per basin and considering joint use ponds.
- + Identify potential utility impacts in the corridor and avoid them as much as practical. Early coordination is the key.
- + To control constrained budgets, value engineer typical sections considering urban versus rural sections and compare costs of right of way, drainage piping, retaining walls, etc.
- + Provide a detailed review of both the previous sets of CR 218 construction plans as well as the proposed typical section.

+ While FDOT follows Uniform Relocation Assistance and Real Property Acquisition Act (URA) when exercising eminent domain, Clay County has many options in their application of acquisition authority that will reduce schedule, potential litigation and schedule concerns. Our ROW experts will advise the County on URA compliance and ROW strategies to save money and avoid schedule risks.

- + Provide recommendations to the County for cost savings, including roadway right of way impacts.
- + Prepare biddability and constructability reviews of phase submittals to save potential change orders.

**Similar Projects Completed in the Last Three Years**

*The projects listed in the table on the following page illustrate our ability, willingness, and track record of complying with budget and schedule requirements. As shown, we consistently deliver projects on-or-ahead-of schedule and on-or-under budget. We will provide the same excellent service under this contract.*



**I. VOLUME OF CURRENT AND PRIOR WORK FOR CLAY COUNTY**

**List of Projects delivered for Clay County BOCC**

In the past five years WGI has received fees for services as Prime Consultant from Clay County Board of County Commissioners as follows in the table below.

Projects delivered for Clay County Board of County Commissioners						
Project	Service	Fiscal Year				
		15/16	16/17	17/18	18/19	19/20
Sandridge Road Culvert Replacement	Design	\$0	\$244,000	\$27,000	\$0	\$0
Clay County Continuing GEC Services Contracts (Task Work Orders)	Design	\$0	\$0	\$163,000	\$146,928	\$546,472



Project Description and Reference	Original Const. Fee	Original Design Fee	Final Design Fee	Supplements / Change Orders	Met Fee / Schedule Requirements
<b>Lake Worth Beach Neighborhood Roadway Program, Palm Beach Co.</b> As GEC, WGI oversaw engineering, public outreach, and construction management of this \$40M four-year roadway improvement bond program – the city’s largest to date. It improved transportation, water distribution, and wastewater collection. WGI provided a single point of contact, maintaining consistency, cohesiveness, and collaboration among City staff and consultants for effective program management. Services included public involvement, engineering, construction management, designing and maintaining a program website, operating a multilingual hotline, and review and approval of design plans. <b>Reference:</b> Brian Shields (561) 586-1675	\$40M Bond	\$1.4M annually	\$1.1M	0, Fee Reduced Due to Efficiencies	Below Budget / On Schedule
<b>FDOT D1 DW Push Button Safety Contract, Districtwide</b> WGI delivered this 12-County \$55M safety improvement program of intersection improvements, ADA upgrades, pedestrian/bicyclist safety improvements, turn lane widening and extension, access management median modifications, new intersection signalization and lighting, sidewalks, and drainage and local flooding remediation. 2019 Transportation Roadway Project of the Year by the DBIA. <b>Reference:</b> Kati Sherrard, PE (863) 519-2590  <b>AWARD WINNING</b>	\$55M	\$2.5M	\$2.5M	0	Within Budget / On Schedule
<b>Kernan Blvd. from Atlantic to McCormick DB, Duval Co.</b> This Jacksonville Transportation Authority project consists of widening Kernan Boulevard from Atlantic Ave. to McCormick Rd. a distance of 2.7 miles. The existing two-lane rural section roadway will be widened to six lanes for the southern portion and to four lanes for the northern portion. Services include survey, SUE, geotechnical investigation, roadway design, signing and pavement marking, structural design, lighting, traffic signals, drainage design, utility coordination and design, and environmental permitting. This project is substantially complete and the ribbon cutting was held on May 14th 2020. <b>Reference:</b> Angie Williams (904) 623-5230	\$23.8M	\$1.68M	\$2.1M	1. Owner Requested Drainage Redesign \$350k 2. School Signs And Cross-Walks Added to Scope \$36k	Within Budget / Ahead of Schedule
<b>I-10 Widening from I-295 to I-95 DB, Duval Co.</b> WGI is delivering this important \$176M northeast Florida design-build project. It will widen I-10 from west of I-295 to I-95 from six lanes to ten lanes. WGI is providing comprehensive engineering services for the project, including design of twelve bridge widenings, intersections, roadway widening, drainage, ITS, landscaping, signage, and post design services. WGI collaborated to develop the best design and construction solutions for the project – resulting in the best value. <b>Reference:</b> Craig Teal (386) 961-7703	\$176.4M	\$13.1M	\$13.2M	1. Client Added Pedestrian Safety Scope \$56k	Within Budget / On Schedule
<b>SR 10 RRR, Jefferson/Leon Co.</b> WGI services included roadway design, survey, environmental assessments and permitting, drainage, S&PM, utility coordination, and traffic control plans. This 10-mile corridor through Jefferson and Leon counties presented several challenges, including conflicting baselines, limited record data, high-speed traffic, and sparse horizontal and vertical control. WGI field crews adhered closely to all MOT procedures while uncovering historic monuments, collecting extensive wetlands, and obtaining the necessary cross sections. <b>Reference:</b> Tommy Johns (850) 638-2288	\$3.8M	\$837K	\$837K	0	Within Budget / On Schedule
<b>Sandridge Road Box Culvert Replacement, Clay Co.</b> The project consisted of a study and plans to replace two culvert crossings that were structurally failing. The purpose of the study was to determine the best alternatives for the culvert replacements and recommend detour or diversion alternatives. One of the crossings analyzed was a double 9-foot by 9-foot concrete box culvert at Bradley Creek, a FEMA regulatory floodway. Construction plans, permitting, and post design services were included. <b>Reference:</b> Dale Smith, PE (904) 284-6335	\$1.22M	\$244K	\$244K	0	Within Budget / Ahead of Schedule
<b>Main Street over Hogans Creek Emergency DB, Duval Co.</b> The emergency replacement of a cracked bridge over Hogan’s Creek in downtown Jacksonville. The project included a new bridge structure, milling and resurfacing, signing and pavement marking, drainage design, utility relocation, and vibration monitoring of nearby historic structures. WGI’s LiDAR and 3D modeling enabled precise restoration of the bridge’s architectural features. This project won the 2018 DBIA National Award and <b>was completed 49 days ahead of its accelerated schedule, earning a \$250K bonus.</b> <b>Reference:</b> Renee Brinkley (386) 961-7392  <b>AWARD WINNING</b>	\$2.1M	\$239K	\$252K	1. Scope Change Due to Unforeseen Void Under Road	Within Budget / Ahead of Schedule

**Certification Regarding Debarment, Suspension,  
Ineligibility and Voluntary Exclusion Form**

**RFQ NO. 19/20-40, OWNER'S REPRESENTATIVE SERVICES FOR  
2020 TRANSPORTATION BONDING PROJECTS**

- (1) The prospective Vendor, WGI 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: WGI, Inc. \_\_\_\_\_

By:  \_\_\_\_\_

Walter Kloss, PE

Vice President Alternative Delivery Transportation

\_\_\_\_\_  
**Name and Title**

4371 U.S. Highway 17 South, Suite 203

\_\_\_\_\_  
**Street Address**

Fleming Island, FL 32003

\_\_\_\_\_  
**City, State, Zip**

6/1/2020

\_\_\_\_\_  
**Date**

Scrutinized Companies Certification

[Clay County RFQ No. 19/20-40, Owner's Representative Services For 2020 Transportation Bonding Projects]

Name of Company:<sup>1</sup> WGI, 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:

WGI, Inc.

By:

A handwritten signature in blue ink, appearing to read "David Wantman".

David Wantman, PE

Its CEO

<sup>1</sup> "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.**

▶ Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

Print or type.  
 See Specific Instructions on page 3.

<b>1</b> Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. <b>WGI, Inc.</b>	
<b>2</b> Business name/disregarded entity name, if different from above	
<b>3</b> Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only <b>one</b> 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) ▶ _____ <b>Note:</b> Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is <b>not</b> disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.  <input type="checkbox"/> Other (see instructions) ▶ _____	<b>4</b> Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):  Exempt payee code (if any) <u>  <b>5</b>  </u>  Exemption from FATCA reporting code (if any) _____  <i>(Applies to accounts maintained outside the U.S.)</i>
<b>5</b> Address (number, street, and apt. or suite no.) See instructions. <b>2035 Vista Parkway</b>	Requester's name and address (optional)
<b>6</b> City, state, and ZIP code <b>West Palm Beach, FL 33411</b>	
<b>7</b> 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 instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

<b>Social security number</b>							
		-		-			
<b>or</b>							
<b>Employer identification number</b>							
6	5	-	0	2	7	1	3 6 7

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

### 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 for Part II, later.

<b>Sign Here</b>	Signature of U.S. person ▶ <i>Jamie Zaccary</i>	Date ▶	<i>4/2/20</i>
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### General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

### 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, later.*

CERTIFICATE OF LIABILITY INSURANCE

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 any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Greyling Ins. Brokerage/EPIC 3780 Mansell Road, Suite 370 Alpharetta, GA 30022	CONTACT NAME: <b>Katie Kresner</b>	PHONE (A/C, No, Ext): <b>770.552.4225</b>	FAX (A/C, No): <b>866.550.4082</b>
	E-MAIL ADDRESS: <b>Katie.Kresner@greyling.com</b>		
INSURED  WGI, Inc. 2035 Vista Parkway; Suite 100 West Palm Beach, FL 33411	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : National Union Fire Ins. Co.		19445
	INSURER B : The Continental Insurance Company		35289
	INSURER C : Commerce & Industry Ins. Co.		19410
	INSURER D : Berkley Insurance Company		32603
	INSURER E :		
INSURER F :			

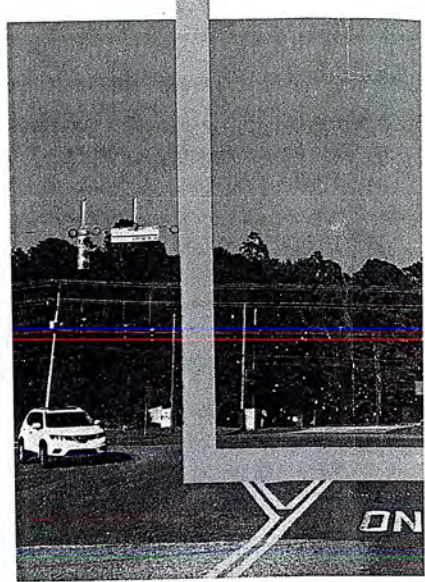
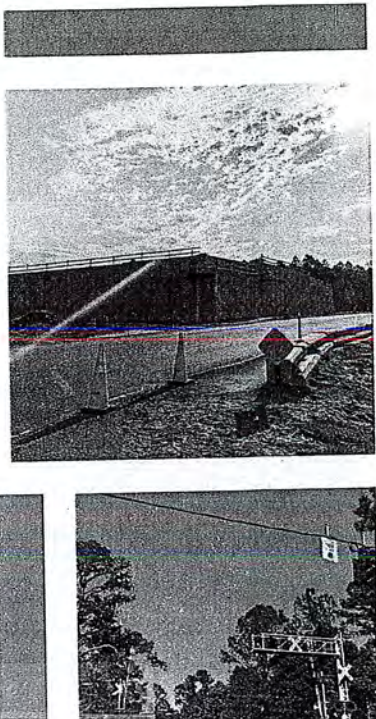
COVERAGES CERTIFICATE NUMBER: 19-20 REVISION NUMBER:

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 INSR 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:		4613985	08/01/2019	08/01/2020	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000 MED EXP (Any one person) \$25,000 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 NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/>		9775972	08/01/2019	08/01/2020	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		6049958687	08/01/2019	08/01/2020	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"/> N / A (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		011569886	08/01/2019	08/01/2020	<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
D	Professional Liab Incl Pollution Liability		AEC903226000	08/01/2019	08/01/2020	Per Claim \$5,000,000 Aggregate \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

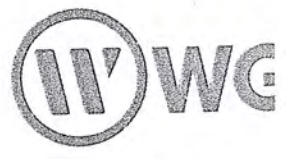
CERTIFICATE HOLDER  For Proposal Purposes	CANCELLATION  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE  <i>D.A.H. Gilling</i>



RFQ NO. 19/20

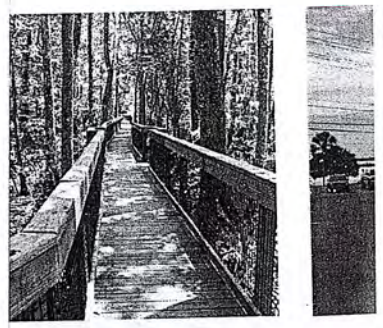
**Owner's Represent  
Services For  
Transportation  
Bonding Proj**

June 1, 2020



RECEIVED  
PURCHASING DIVISION  
*Jun 1*  
2020 ~~MAY 32~~ AM 11:30  
CLAY COUNTY BOARD OF  
COMMISSIONERS

Clay County Purchasing Division  
477 Houston Street  
PO Box 1366  
Green Cove Springs, FL 32043



Receipt for Bid #: 19/20-40  
Company Name: WGI

**ATTACHMENT D**  
**Summary of Services**

## ATTACHMENT D

### SUMMARY OF SERVICES

The Owner Rep shall provide Services as detailed in the Agreement, the RFQ Scope of Services attached as Attachment B to the Agreement, and the Owner Rep's Response attached as Attachment C to the Agreement. This Summary of Services is to set forth the associated cost reimbursable and lump sum amounts for the seven categories of Services agreed upon by the parties to ensure performance of the Services as described in the table below:

	<b>Service Categories</b>	<b>Contract Amounts</b>
1	Program Wide Management	Cost Reimbursable \$4,660,659.49
2	Design Criteria Package for Design Build (DB)	Cost Reimbursable \$1,236,160.20
3	Program Wide Right of Way Acquisitions	Cost Reimbursable \$2,930,464.00
4	CMAR Wide Stormwater and Environmental Strategy	Cost Reimbursable \$554,179.74
5	CMAR Wide Surveying	Lump Sum \$531,814.29
6	Program Wide Construction Engineering Inspection (CEI)	Lump Sum \$5,178,399.97
7	Program Wide Reimbursables	Cost Reimbursable \$150,500.00
	<b>TOTAL OWNER'S REP FEE</b>	<b>\$15,242,177.60</b>

Each service category has been further divided into subcategories by the parties to reflect the work effort to be performed under each service category and the associated cost within each service category. The following tables for each service category identify the subcategories and associated contract amount and are followed by a description of work effort attributed to the subcategories.

## SERVICE CATEGORY 1 - PROGRAM WIDE MANAGEMENT

<b>Category</b>	<b>Contract Amount</b>	<b>Comments</b>
Roadway Reviews (Support)	\$609,504.97	All DB Projects and CMAR Projects oversight
Drainage Reviews (Support)	\$238,187.74	Technical oversight services for all DB Projects and CMAR Projects
Utility Verification (Support)	\$122,790.70	Technical oversight services for all DB Projects and CMAR Projects
Geo-Tech (Support)	\$120,629.15	Technical oversight services for all DB Projects and CMAR Projects
Public Involvement (GIS Support)	\$72,231.02	Support services for all DB Projects and CMAR Projects
Program Management	\$3,136,761.45	All DB Projects and CMAR Projects
Project Controls	\$360,554.46	HDR – Subcontractor services for all DB Projects and CMAR Projects
<b>Sub-Total Program Wide Management Services</b>	<b>\$4,660,659.49</b>	

### **DESCRIPTION:**

The Services to be provided under the Program Wide Management Service Category include, but are not limited to, professional services necessary to manage the study, design, right of way acquisitions/relocations, construction and inspections of the Bond Program and are divided into the following described subcategories.

#### Roadway Reviews:

These Services are program wide support services for all seven Projects and are described as tracking and close-out of all comments and responses related to each Project through the entire design review process for Project plans and Project submittals, including design exceptions and quality control assurance reviews to include the technical review of plans and supporting documentation for all seven Projects at 30%, 60%, 90%, and 100% submittals.

#### Drainage Reviews:

These Services are for technical oversight review support services for all seven Projects and are described as services to determine all Project drainage design and construction methods in accordance with standard drainage practices (see the most current edition of the FDOT Drainage Manual for reference). These Services also include the technical review of plans and supporting documentation for all seven Projects at 30%, 60%, 90%, and 100% submittals.

#### Utility Verification:

These Services are for technical oversight review support services for all seven Projects and are described as the process of obtaining all utility information available to develop a plan which incorporates all utilities (electric, water, wastewater, communications, data and gas) into the Project(s) work plan which includes all existing aerial and underground utilities.

#### Geo-Tech:

These Services are for technical oversight review support services for all seven Projects and are described as using principles of soil mechanics to investigate subsurface conditions and materials; determining the relevant physical/mechanical and chemical properties of these materials; evaluating stability of natural slopes and man-made soil deposits; assessing risks posed by site conditions; designing earthworks and structure foundations; monitoring site conditions, earthwork and foundation construction; reviewing Geo-tech scopes, reports and recommendations; and providing feedback and recommendations to the Program Administrator.

#### Public Involvement (GIS Support):

These Services, which may be requested by the County, are program wide support services for all seven Projects and may consist of public outreach; assisting the County with developing a Program Wide Public Outreach Plan; attending and participating in public meetings and workshops related to public awareness, preparing flyers, brochures, and hand-outs; notifying media sources of Project actions; and performing any other related awareness/communication services if authorized by the Program Administrator.

#### Program Management:

These Services are program wide support services for all seven Projects and are described as:

- Schedule: Per the Agreement, establish a Master Program Plan and Schedule consisting of individual plans and schedules for each Project based on the following Project groupings, and throughout the Bond Program review schedule and sequencing and provide recommendations:
  - a. Design Build Project #1, CR 218 –Cosmos Avenue to Pine Tree Lane:
    - Deliver as a low-bid Design Build

- b. Design Build Project #6B, First Coast Connector (FCC) – new road connecting CR 315 to First Coast Expressway (FCE):
    - Deliver as a low-bid Design Build
  - c. CMAR Project Group #1
    - Project #3, Russell Road (CR 209) – Sandridge Road to CR 315B
    - Project #4, Sandridge Road – Henley Road to Russell Road (CR 209)
  - d. CMAR Project Group #2
    - Project #2, CR209 – US 17 to CR 315B
    - Project# 5, CR 220 – Baxley Road to Henley Road
    - Project #6A, CR 315 – US 17 to Project #6B (FCC)
  - e. Draw from the Master Program Plan and Schedule to establish and monitor individual Project scheduling requirements and major milestone/critical path events for engineering/ construction activities such as the following:
    - Review, coordinate and manage Project consultants and contractors.
    - Review design development compliance with approved Project design criteria.
    - Oversee the work between Design Consultants and CMARs as they work together to develop Project budgets and ultimately GMP’s.
    - Develop scope of work and special contract provisions.
    - Review Project consultants progress reports and review and recommend approval of Project consultants’ and contractors’ invoices.
    - Provide oversight and support services during the construction period to ensure compliance with contract documents and industry best practices.
- Budget: Review and update conceptual budget and scope; Establish financial accounting systems, advise the County of projected funding needs monthly, perform cash flow analyses, and validate program requirements and budgets for financial/accounting support, general administrative, and professional support; Develop baseline Cash Flow metric (specifically linking Program Wide Funding to the detailed Project activity and projected needs) that will be updated throughout the life of the Bond Program; Develop a baseline Master Program Budget, Schedule and Cash Flow that is a living document and develop metric-based Program Management dashboards.
- Project Services Support:
  - a. Provide document controls and filing systems, establish Project schedules, conduct production meetings, provide status reports, and other general administrative services.
  - b. Review scope of services for Project design, review contract agreements, provide baseline surveying, right of way mapping and legal descriptions, and prepare paperwork and documentation necessary for submittal to the County’s Board of County Commissioners.
  - c. Coordinate the timing of the roadway construction, including analysis of other



construction that may impact the roadways to determine the most efficient means and timing to conduct the work to minimize the impact on the public.

- d. Use proactive management and technical oversight in all areas of planning through construction to ensure success in delivery of the Projects within budget and on-time before the mandated deadlines.
  - e. Establish Project controls protocols and coordinate with County Administrative Staff on how to make the linkages as seamless as possible:
    - o Accounting Systems
    - o Purchasing and Procurement Systems
    - o Project Scheduling and Tracking Systems
- Risk Management:
    - a. Develop a Risk Profile and prepare a Risk Management Plan and maintain a Risk Register from task authorization through completion of the Bond Program. Risk assessment will be discussed weekly with the County so the County and the Owner Rep are aware of the current exposure and probability and continue to effectively address issues.
    - b. Consider all potential risks, including, but not limited to, COVID-19 and any other infectious disease outbreak, cybersecurity, and natural disasters/extreme weather such as hurricanes, etc.
    - c. Work with the County to establish response protocols and hold industry forums to communicate with the industry and seek feedback to mitigate any potential risks.
  - Right of Way: Review the existing right of way and establish an acquisition strategy that includes an evaluation of the proposed typical section for each Project to determine if alternatives might yield less right of way impacts.
  - Design Build Projects:
    - a. For design-build work, perform constructability review; perform geotechnical advisory support; and perform surveying support.
    - b. Conduct an in-depth constructability review and conduct a Quality Control (QC) pre-construction meeting to review specifications, outline testing procedures, review responsibilities, and resolve contractor questions.
    - c. Review Project schedules against FDOT or other Project improvements to coordinate traffic control plans and other Project coordination.
    - d. Implement partnering in improving communications, increasing trust, managing goals, and expediting decision-making time.
    - e. Assist in value engineering; review periodic progress payment requests;
  - CMAR Projects:
    - a. Assist with selecting two Engineering design consultants (“Design Consultants”) to design the five roadway Projects associated with the two CMAR Projects. This will include, but not be limited to, assisting with preparation of Request for Qualifications, assisting with negotiations with Design Consultants, and assisting with issuing the Notices to Proceed to each Design Consultant.
    - b. Assist with developing the process needed to secure the services of two CMAR entities for the CMAR Projects and assist with negotiations with CMAR entities for

pre-construction services.

- c. While working in conjunction with the Design Consultants and CMARs, Owner Rep, Design Consultants, and CMARS will work together through 100% design developing an Open Estimate Guaranteed Maximum Price (GMP). The Owner Rep will help manage the Design Consultants and CMARs in the development of a set of construction plans with a GMP for each Project.
  - d. Submit the GMP and construction plans for the CMAR Projects to the County for the County's review and approval. Review and recommend whether the County should continue with the CMARs or competitively bid the Project(s). If the County accepts the GMP, then construction will begin, and the CMAR will become the point of responsibility for construction of its assigned Projects. If the GMP and construction plans are not accepted, the Project(s) will be bid competitively.
- Both Design Build and CMAR Projects:
    - a. Perform preliminary design activities including development criteria, standards and elements that will be transferred to the Design Consultants to establish consistency and assist with the review and negotiation of the design fee proposals, monitor Design Consultants performance; review/comment on the 30%, 60%, 90%, and 100% submittals; review design criteria development compliance; assist in value engineering; review periodic progress payment requests.
    - b. During the construction, provide CEI Services as outlined in Service Category 6, schedule and conduct pre-construction and weekly meetings, enforce construction documents, review shop drawings and RFIs, review and analyze change orders, review monthly progress payment requests, prepare/maintain monthly progress schedules and reports, test construction materials, collect and deliver documents and deliverables prior to recommending final payments, deliver financial accounting reports, and conduct warranty reviews as needed.
    - c. Serve as an expert witness and perform any other design support services.
  - CEI Services: Oversee and manage CEI services for all seven Projects.

#### Project Controls:

These Services are program wide support services for all seven Projects and are described as Project data gathering, management and analytics to predict, understand and constructively influence the time and cost outcomes of the Projects through the communication of information in formats that will assist effective management and decision making of the Bond Program.

## SERVICE CATEGORY 2 – DESIGN BUILD CRITERIA PACKAGES (DB)

Categories	Contract Amounts	Comments
Survey (Topo/ Right of Way)	\$252,555.56	Surveying effort to support the preparation of the Design Build Criteria Package and all other needs related to the delivery of Project #1, CR 218 and Project #6B, FCC
Structures (BDR, Bridge Development Report)	\$122,146.50	All this effort related to Project #6B, FCC over Peter’s Creek - preparation of 30% Structures Plans and a Bridge Development Report (BDR) to be included in the Design Criteria Package
Roadway (30% Plans)	\$212,926.19	Develop a 30% set of plans for both Design Build Projects and secure SJRWMD ERP, Formal Wetland Delineation, and USACE permit
Drainage (30% plans)	\$66,124.35	Develop a 30% set of plans for both Design Build Projects and secure SJRWMD ERP, Formal Wetland Delineation, and USACE permit
Geotech (Reviews and Borings)	\$183,919.44	For Project 6B, FCC – Roadway borings at every 500 ft. (35 max), 3 bridge borings and one boring per pond (5 max)
Drainage (Analysis and Permitting)	\$172,691.38	Develop preliminary drainage basins, ponds and bridge hydraulics report as needed to secure SJRWMD ERP, Formal Wetland Delineation, and USACE permit
Wetland Delineation	\$225,796.78	Delineate State & Federal jurisdictional wetlands and prepare wetland application for SJRWMD and USACE as needed to support the issuance of SJRWMD ERP
<b>Sub-Total Supporting Professional Services to Develop Design Criteria Packages</b>	<b>\$1,236,160.20</b>	

## **DESCRIPTION:**

The Services to be provided under the Design Build Criteria Package Service Category include but are not limited to professional services necessary to develop Design Build (DB) criteria packages for:

- Project #1, CR 218 –Cosmos Avenue to Pine Tree Lane
- Project #6B, First Coast Connector (FCC) – new road connecting CR 315 to FCE

The Low Bid Design Build delivery method will be used on Project #1, CR 218 – Cosmos Avenue to Pine Tree Lane, and Project #6B, FCC – FCE to CR 315. It was determined that a low bid Design Build delivery model would allow the County to leverage existing investments in both of these Projects and to immediately begin a process that would lead to an early start on construction activity and shift appropriate risks to the Design Build contractors.

The design build packages will be designed to a 30% design completion by the Owner Rep. These packages will be of sufficient quality to issue Design Build Request for Proposals and/or Qualifications. The Owner Rep may assist the County through the procurement process. The preparation of the Design Build Criteria Packages will involve the development of design and contract documents of sufficient strength to allow Design Build contractors to evaluate and bring forth competitive responses. The general objective is for the Owner Rep to develop Design Build Request for Proposals and/or Qualifications to be used by the County for procurement of Design Build Firm(s) (DBFs) on the two Project(s). In addition, the Owner Rep will provide Services to support the DB Projects during the DBF procurement effort. The professional Services authorized under this category include due diligence and planning; limited Geotechnical Services; preliminary Engineering Design, preparing bid documentation and assisting in the evaluation of industry responses, including transition into construction phase services.

### **Project #1, CR 218 - Cosmos Avenue to Pine Tree Lane:**

This Project has been previously designed and permitted by others and it is our understanding that Clay County owns the property where the stormwater treatment facility was proposed to be located under that previous set of permitted design documents. However, the St. Johns River Water Management District (SJRWMD) has advised that due to the time that has elapsed between the issuance of the above referenced permit, it has been rendered null and void.

This proposal includes the effort required to secure the SJRWMD ERP, Formal Wetland Delineation, and USACE permit. The Owner Rep will use the existing design (drainage system, stormwater management and environmental permitting) as a baseline and revise it as needed to comply with current industry best practices and regulatory requirements. It is anticipated that this effort will include the preparation of drainage maps, stormwater pond sheets, drainage detail sheets, erosion control plans, SWPPP sheets and stormwater calculations that will be signed and sealed as a part of the submittal of SJRWMD ERP and USACE applications. The Owner Rep work effort will involve some of the more detailed effort as described below:

- Review the SJRWMD ERP and USACE permit including any special conditions.
- Review the stormwater management system to determine compliance with current industry best practice and regulatory requirements:
  - a. Drainage maps
  - b. Pond designs
  - c. SWPPP & Erosion Control Plans
  - d. Drainage System Design
- Conduct field reviews to determine any significant change in condition.
- Wetland delineation and general wildlife surveys for due diligence.
- Perform UMAM analysis on proposed wetland impacts.
- Determine mitigation requirements and develop a mitigation plan.
- Perform plans updates and obtain SJRWMD ERP and USACE permit, including:
  - a. Drainage maps
  - b. Pond detail sheets
  - c. SWPPP and erosion control plans (assumes County will provide CADD files of permitted plans)
  - d. Secure the SJRWMD Stormwater ERP, USACE permit, and Formal Wetland Delineation
  - e. Concurrence letters from DHR, FWC, & USFWS
  - f. RFP preparation assistance (if requested)
  - g. Perform 90% and 100% phase plans and calculations reviews
  - h. Post Design Support

**Project #6B, FCC – FCE to CR 315:**

A preliminary alignment has been established, and the County will obtain from the landowner the Right of Way for the roadway and stormwater ponds. The proposed stormwater ponds will likely be joint use requiring coordination with the proposed development.

- Owner Rep will develop 30% level plans to be able to obtain permits for the Project and include:
  - a. Pond Siting analysis to include recommended ponds sites, preliminary storage requirements and acreage. Estimated 5 ponds.
  - b. Preliminary drainage maps on aerials.
  - c. Storm system layout (cross drain preliminary pipe sizes only).
  - d. RFP preparation assistance (if requested).
  - e. Perform 60%, 90% and 100% phase plans and calculations reviews.
  - f. Secure SJRWMD Stormwater ERP, Formal Wetland Delineation and USACE permit.
  - g. Concurrence letters from DHR, FWC, & USFWS
  - h. SWPPP and erosion control plans
  - i. Bridge Hydraulics Report for the Peters Creek Crossing.
  - j. FEMA No-rise Certification for the Peters Creek crossing (It is a FEMA Floodway).

- k. Jurisdictional agency coordination.
- l. Bridge Development Report.

The Design Build Service Category is divided into the following subcategories for cost allocation:

Survey:

These Services are to support the preparation of the DB package and all other needs related to the delivery of Project #1, CR 218 and Project #6B, FCC with the general statement of work described as:

- Survey work will be in accordance with Rule 5J-17, Florida Administrative Code, pursuant to Chapter 472 of the Florida Statutes.
- Survey work shall adhere to the required work zone safety for each task.
- Vertical control will be based on the North American Vertical Datum of 1988 (NAVD88).
- Horizontal control will be based on the State Plane Coordinate System of 1983, Florida East Zone.
- Existing Right of Way Survey:
  - a. Establish primary horizontal control
  - b. Establish primary vertical control
  - c. Survey of existing right of way based upon supplied right of way maps and adjacent property descriptions (legal descriptions, plats, etc.)
  - d. Right of way maps shall be created of the existing right of way to aid in the creation of property acquisitions, temporary construction easements, etc.
  - e. Project #1, CR 218 - Cosmos Avenue to Pine Tree Lane: Review existing right of way maps and locate existing control to determine current County right of way
  - f. Project #6B, FCC – FCE to CR 315: Prepare maps and stake alignment/right of way (to be staked at 1000' intervals or changes in direction) acquired by the County
- Topographic Survey:
  - a. Establish secondary horizontal/vertical control for LiDAR scans and additional topo
  - b. LiDAR scan of project corridor
    - Task includes the data acquisition, post processing, and extraction
  - c. Topographic survey of obscured areas and pond sites
    - Topographic limits to extend 10 feet past the right of way
  - d. Drainage survey of existing structures
  - e. Bridge survey (if applicable)
  - f. Channel survey (if applicable)
  - g. Jurisdiction line survey (wetlands as flagged by others)
  - h. SUE (CR 218 only)
    - Quality Level "A" (test holes)
    - Quality Level "B" (horizontal designates)

- i. Project #1, CR 218 - Cosmos Avenue to Pine Tree Lane: Survey of 2.59-mile Project limits to extend 10 feet on either side of the proposed right of way and proposed pond sites
- j. Project #6B, FCC – FCE to CR 315: Survey of 3.94-mile Project limits to extend 10 feet on either side of the acquired right of way and proposed pond sites

Structures:

These Services are in connection with Project #6B, FCC and include the preparation of 30% Structures Plans and a Bridge Development Report (BDR) to be included in the Design Criteria Package for Project #6B.

Roadway:

These Services are for both Project #1, CR 218 and Project #6B, FCC and include the development of a 30% set of plans as well as the securing of the SJRWMD ERP, Formal Wetland Delineation and USACE permit.

Drainage (30% Plans):

These Services are for both Project #1, CR 218 and Project #6B, FCC and include the development of a 30% set of plans and securing of the SJRWMD ERP, Formal Wetland Delineation, and USACE permit.

Geotech:

These Services are for Project #6B, FCC and include roadway borings at every 500 ft. (35 max), 3 bridge borings and one boring per pond (5 max).

Drainage (Analysis and Permitting):

These Services are for both Project #1, CR 218 and Project #6B, FCC and include developing preliminary drainage basins, ponds and bridge hydraulics report (BHR) as needed to secure SJRWMD ERP, Formal Wetland Delineation, and USACE permit.

Wetland Delineation:

These Services are for both Project #1, CR 218 and Project #6B, FCC and are to delineate State & Federal jurisdictional wetlands and prepare wetland application for SJRWMD and USACE as needed to support the issuance of SJRWMD ERP.

**SERVICE CATEGORY 3 – PROGRAM WIDE**  
**RIGHT OF WAY ACQUISITION**

<b>Category</b>	<b>Contract Amount</b>	<b>Comments</b>
Acquisition	\$1,871,520.00	DB Project #1 and CMAR Projects
Appraisal	\$611,000.00	DB Project #1 and CMAR Projects
Legal Description	\$184,500.00	DB Project #1 and CMAR Projects
Environmental Phase I	\$165,280.00	DB Project #1 and CMAR Projects
Environmental Phase II	\$ 38,160.00	Technical oversight services for DB Project #1 and CMAR Projects
Environmental Phase III	\$5,005.00*	Technical oversight services for DB Projects and CMAR Projects
Birchfield & Humphrey	\$54,999.00*	Legal services for DB Projects and CMAR Projects
<b>Sub-Total Right of Way Acquisition Services</b>	<b>\$2,930,464.00</b>	* is a designated Allowance to be used at the discretion of the County

**DESCRIPTION:**

The Services to be provided under the Right of Way Acquisition Service Category are set forth in the RFQ Scope of Services, Attachment B to the Agreement, and will be subcontracted out by the Owner Rep. The subcontractor(s)' right of way acquisition services shall include but not be limited to all services needed for the County to acquire complete or partial properties for construction and are divided into the following described subcategories for cost allocation:

Acquisition:

These Services are for the acquisition of necessary right of way property for Design Build (DB) Project #1 and the CMAR Projects and are described as including, but not limited to, negotiating purchases; assisting in relocation; preparing suit packages for eminent domain; performing title searches; serving as expert witness; providing recorded deeds; maintaining financial accounting of all real estate transactions; preparing bid packages for demolishing structures; utility adjustment and relocation needs; permitting requirements; and general site conditions.



### Appraisal:

These Services are for any appraisals necessary for acquisition of right of way property for DB Project #1 and the CMAR Projects and are described as including but not limited to performing appraisals and confirming accuracy thereof.

### Legal Description:

These Services are for the preparation of the legal descriptions for the acquisitions necessary for DB Project #1 and the CMAR Projects and are described as:

- Boundary rectification surveys shall be completed on parcels that will be affected by acquisitions or easements. Only sufficient field work shall be completed to allow for the County to understand the approximate location of common boundary lines of adjacent parcels. Extensive boundary surveys of each adjacent parcel shall not be performed.
- Legal descriptions of each of the parcels shall be created to be included in the right of way process.
- This phase will not begin until the parcels being affected have been identified.
- Includes staking parcels for appraisals, as requested.
- It is noteworthy that the specific proposal for right of way services provides an outline of the number of parcels that are estimated to be impacted by takings and temporary construction estimates and there is a direct correlation between the number of parcels and the stated fee.
  - a. DB Project #1:
    - CR 218 – Cosmos Avenue to Pine Tree Lane: Number of parcels based on conceptual right of way is 45.
  - b. CMAR Project Group #1:
    - Project #3, Russell Road (CR 209) – Sandridge Road to CR 315B: Number of parcels based on conceptual right of way is 20.
    - Project #4, Sandridge Road – Henley Road to Russell Road (CR 209): Number of parcels based on conceptual right of way is 26.
  - c. CMAR Project Group #2:
    - Project #2, CR 209 – US 17 to CR 315B: Number of parcels based on conceptual right of way is 8.
    - Project #5, CR 220 – Baxley Road to Henley Road: Number of parcels based on conceptual right of way is 14.
    - Project # 6A, CR 315 (FCC) – US 17 to FCC (Project #6B): Number of parcels based on conceptual right of way is 10.
  - d. No legal descriptions or associated survey will be required for DB Project #2-Project #6B, FCC - as the County will acquire the necessary right of way for the road and ponds.

Environmental Phase I:

These Services are for conducting any required environmental phase I in connection with DB Project #1 and the CMAR Projects and are described as identifying and recognizing environmental conditions for the potential of impacts to the Projects.

Environmental Phase II:

These Services are for providing technical oversight services for DB Project #1 and the CMAR Projects if authorized and are described as environmental testing of soils, groundwater, subsurface, and such for environmental impact.

Environmental Phase III\*:

These Services are for providing technical oversight services for the DB Projects and the CMAR Projects if authorized and are described as any remediation services identified through testing in Environmental Phases I and II for the DB Projects and the CMAR Projects.

Birchfield & Humphrey\*:

These Services are for providing legal services, if authorized, in connection with the acquisition of necessary right of way property for the DB Projects and the CMAR Projects.

\*It should also be noted that at this time it is not possible to provide a valid assumption about how many parcels may require that a Phase III Environmental be executed or how many parcels might lead to condemnation proceedings; therefore, the estimate of cost included for these subcategories are an allowance. The actual fee will be addressed with the Program Administrator at such time as these matters become actionable.

**SERVICE CATEGORY 4 – CMAR WIDE STORMWATER AND ENVIRONMENTAL STRATEGY**

Category	Contract Amount
Stormwater Strategy	\$232,084.14
Wetland Delineation	\$322,095.60
<b>Sub-Total CMAR Wide Stormwater and Environmental Strategy Services</b>	<b>\$554,179.74</b>

**DESCRIPTION:**

The Services to be provided under the CMAR Wide Stormwater and Environmental Strategy Service Category are divided into two subcategories for cost allocation:

Stormwater Strategy:

These Services are for the CMAR Projects and include, but are not limited to, the following:

- Gather and review existing data including but not limited to historic plans, right of way maps, aerial photography, soil surveys, FEMA maps, topographic data, existing and proposed land uses, wetland areas, etc.
- Field review to document hydrologic and hydraulic features including potential outfalls.
- Preliminary drainage basin maps.
- Pond Siting Analysis Report (recommend pond site, type, acreage required).
- Jurisdictional agency coordination.
- Develop a comprehensive stormwater and wetland permitting strategy, guide Design Consultants through the permitting process, review permit application and documentation packages, and perform any other needed Services.

Wetland Delineation:

These Services are for the CMAR Projects and are to identify and flag any jurisdictional wetlands in, along and adjacent to any of the CMAR Projects.

The above stated effort will be to support and provide assistance to the CMAR Projects as they seek to acquire the stormwater and environmental permits.

## **SERVICE CATEGORY 5 – CMAR WIDE SURVEYING**

<b>Category</b>	<b>Contract Amount</b>
Right of Way Survey	\$236,197.28
Topographic Survey	\$295,617.01
<b>Sub-Total CMAR Wide Surveying Services</b>	<b>Lump Sum \$531,814.29</b>

### **DESCRIPTION:**

The Survey Services to be provided under the CMAR Wide Surveying Service Category are for the CMAR Projects and will be performed either in house by the Owner Rep or subcontracted out by the Owner Rep, with payment on a lump sum basis. The Services shall adhere to the following general principles:

- Survey work will be in accordance with Rule 5J-17, Florida Administrative Code, pursuant to Chapter 472 of the Florida Statutes.
- Survey work shall adhere to the required work zone safety for each task.
- Vertical control will be based on the North American Vertical Datum of 1988 (NAVD88).
- Horizontal control will be based on the State Plane Coordinate System of 1983, Florida East Zone.

The CMAR Project Groups are as follows:

- CMAR Project Group #1:
  - a. Project #3, Russell Road (CR 209) – Sandridge Road to CR 315B -Survey of 2.70-mile project limits to extend 10 feet on either side of the acquired right of way and proposed pond sites.
  - b. Project #4, Sandridge Road – Henley Road to Russell Road (CR 209) - Survey of 3.7-mile project limits to extend 10 feet on either side of the acquired right of way and proposed pond sites.
- CMAR Project Group #2:
  - a. Project #2, CR 209 – US 17 to CR 315B - Survey of 0.66-mile project limits to extend 10 feet on either side of the acquired right of way and proposed pond sites.
  - b. Project #5, CR 220 – Baxley Road to Henley Road - Survey of 1.28-mile project limits to extend 10 feet on either side of the acquired right of way and proposed pond sites.
  - c. Project # 6A, CR 315 (FCC) – US 17 to FCC (Project #6B) - Survey of 0.83-mile project limits to extend 10 feet on either side of the acquired right of way and proposed

pond sites.

The CMAR Wide Surveying Service Category and lump sum allocation is divided into the following described subcategories:

Right of Way Survey:

These Services are described as:

- Establish primary horizontal control.
- Establish primary vertical control.
- Survey of existing right of way will be based upon existing right of way maps if available and adjacent property descriptions (legal descriptions, plats, etc.).
- Right of way maps shall be created of the existing right of way to aid in the creation of property acquisitions, temporary construction easements, etc.
- Review existing right of way maps and locate existing control to determine current county right of way.

Topographic Survey:

These Services are described as:

- Establish secondary horizontal/vertical control for LiDAR scans and additional topo.
- LiDAR scan of Project corridor.
  - Task includes the data acquisition, post processing, and extraction.
- Topographic survey of obscured areas and pond sites.
  - Topographic limits to extend 10 feet past the right of way.
    - Drainage survey of existing structures.
    - Bridge survey (if applicable).
    - Channel survey (if applicable).
    - Jurisdiction line survey (wetlands as flagged by others).

**SERVICE CATEGORY 6 – PROGRAM WIDE CONSTRUCTION  
ENGINEERING INSPECTION SERVICES (CEI)**

<b>Category</b>	<b>Contract Amount</b>
Inspection Services	\$5,003,399.97
Material Testing	\$ 175,000.00
<b>Sub-Total CEI SERVICES</b>	<b>Lump Sum \$5,178,399.97</b>

**DESCRIPTION:**

The CEI Services to be performed for the lump sum amount are set forth in the RFQ Scope of Services, Attachment B to the Agreement, and will be subcontracted out by the Owner Rep. The subcontractor’s services are intended to provide the professional services necessary to oversee the construction (by others) of all Bond Program Projects. Services are divided into construction inspection and material testing subcategories for the work effort being performed.

Inspection Services:

These Services will specifically include, but not be limited to:

- Review safety measures and perform daily safety review checklists; perform daily inspections and report deficiencies to contractor for immediate correction.
- Monitor contractors’ erosion control practices daily and measure pay item quantities daily.
- Inspect construction work and document the findings in the daily report of construction, review verification testing and perform monthly QC records to confirm appropriate testing and controls are performed and documented.
- Ensure contract compliance with plans, specifications, and other contract documents prior to the end of each shift.
- Conduct bi-weekly meetings with contractors and utility owners, resolve problems that arise in the field, and avoid claims by identifying potential conflicts early.
- Track the Critical Path Method (CPM) schedule during construction and make suggestions to get the Project(s) back on track if schedule is threatened.
- Monitor contractors’ performance on addressing the punch lists and monitor contractors’ completion of all of their obligations under the warranty periods of the contracts.

Material Testing:

These Services encompass the testing necessary to confirm compliance with design requirements for the materials such as concrete testing, asphalt testing, density and moisture testing, etc.

## SERVICE CATEGORY 7 – PROGRAM WIDE REIMBURSABLES

<b>Category</b>	<b>Contract Amount</b>
Software Solutions (ProjectWise, Sharepoint, etc.)	\$33,600.00
Permitting Fees	\$20,000.00
Recording Fees	\$5,500.00
Legal Fees on behalf of the County	\$15,000.00
Direct Costs (printing, mileage, etc.)	\$20,000.00
Misc./ Other Direct Costs	\$56,400.00
<b>Sub-Total Reimbursable</b>	<b>\$150,500.00</b>

### **DESCRIPTION:**

The Program Wide Reimbursables Service Category is to allocate funds for software, permitting fees, recording fees, legal fees on behalf of the County, certain direct costs and any other minor unforeseen associated reimbursable expense(s) as preapproved by the Program Administrator.

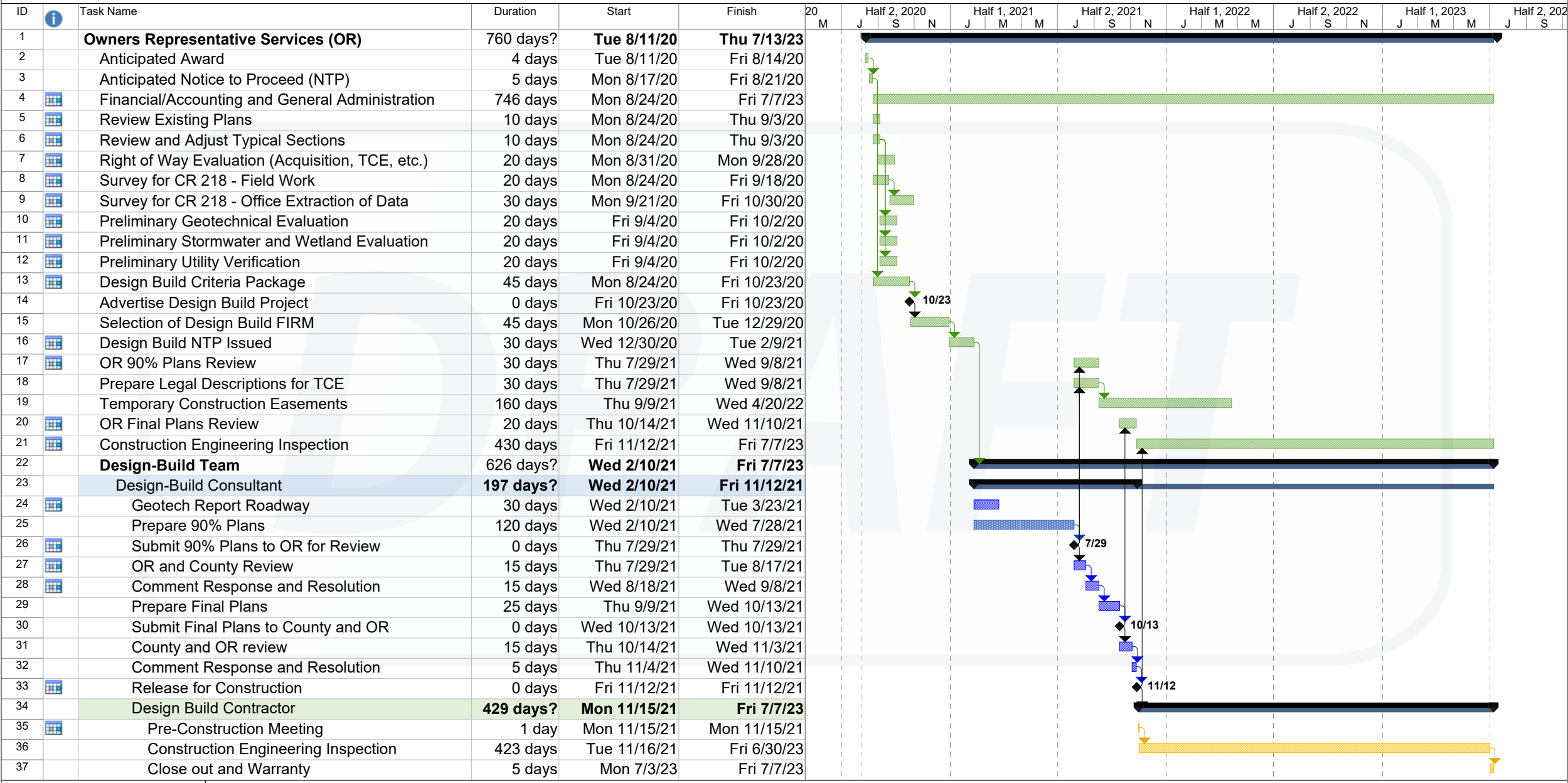
The Software Solutions subcategory is for the provision of programs such as ProjectWise and Sharepoint to manage the Bond Program documentation. Owner Rep agrees to grant up to 5 ProjectWise external licenses to Clay County for the length of the Owner Rep Agreement (up to 6 years). The current fee is \$280 a quarter/per license. These licenses can be used by up to 5 assigned staff members for use in connection with the Bond Program on WGI Data Source.

**COMPOSITE  
ATTACHMENT E  
Draft Schedules for  
the seven Projects**



# COMPOSITE ATTACHMENT E

## County Road 218 Design Build Project Schedule



Project:  
Date: Mon 8/3/20

Summary [Summary bar] DB Consultant [Blue bar] Owners Rep. (WGI) [Green bar] DB Contractor [Yellow bar]

# First Coast Connector Design Build Schedule

ID	Task Name	Duration	Start	Finish	20	Half 2, 2020			Half 1, 2021			Half 2, 2021			Half 1, 2022			Half 2, 2022			Half 1, 2023			Half 2, 2023			Half 1, 2024		
					M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M	M
1	<b>Owners Representative Services (OR)</b>	866 days?	<b>Mon 9/14/20</b>	<b>Fri 1/12/24</b>																									
2	Anticipated Award	4 days	Tue 8/11/20	Fri 8/14/20																									
3	Anticipated Notice to Proceed (NTP)	5 days	Mon 8/17/20	Fri 8/21/20																									
4	Financial/Accounting and General Administration	746 days	Mon 9/14/20	Fri 7/28/23																									
5	Prepare 45% Plans (Vertical & Horizontal)	60 days	Mon 9/14/20	Mon 12/7/20																									
6	Typical Sections and RW packages	20 days	Mon 10/12/20	Thu 11/5/20																									
7	Right of Way Maps	30 days	Fri 11/6/20	Mon 12/21/20																									
8	Topographic Survey - Field Work (Mobile Lidar)	30 days	Mon 8/31/20	Mon 10/12/20																									
9	Topographic Survey - Office Extraction of Data	30 days	Tue 10/13/20	Fri 11/20/20																									
10	Geotechnical investigation - Field work and preliminary report	45 days	Mon 9/14/20	Thu 11/12/20																									
11	Stomwater and Wetland Permitting	45 days	Tue 10/13/20	Tue 12/15/20																									
12	Utility Coordination (Conflict Matrix, Utility Markups)	20 days	Fri 11/6/20	Mon 12/7/20																									
13	Design Build Criteria Package (RFP)	70 days	Mon 9/14/20	Mon 12/21/20																									
14	Advertise Design Build Project	0 days	Mon 12/21/20	Mon 12/21/20																									
15	Selection of Design Build FIRM	75 days	Tue 12/22/20	Tue 4/6/21																									
16	Design Build NTP Issued	30 days	Wed 4/7/21	Tue 5/18/21																									
17	OR 90% Plans Review	30 days	Thu 11/4/21	Fri 12/17/21																									
18	OR Final Plans Review	30 days	Fri 1/28/22	Thu 3/10/22																									
19	Construction Engineering Inspection	481 days	Fri 3/11/22	Fri 1/12/24																									
20	<b>Design-Build Team</b>	717 days	<b>Tue 4/27/21</b>	<b>Fri 1/26/24</b>																									
21	Design-Build Consultant	211 days	<b>Tue 5/18/21</b>	<b>Thu 3/10/22</b>																									
22	Geotech Verification	30 days	Wed 5/19/21	Wed 6/30/21																									
23	Prepare 90% Plans	120 days	Wed 5/19/21	Wed 11/3/21																									
24	Submit 90% Plans to OR for Review	0 days	Wed 11/3/21	Wed 11/3/21																									
25	OR and County Review	15 days	Thu 11/4/21	Wed 11/24/21																									
26	Comment Response and Resolution	15 days	Mon 11/29/21	Fri 12/17/21																									
27	Prepare Final Plans	30 days	Mon 12/20/21	Thu 1/27/22																									
28	Submit Final Plans to County and OR	0 days	Thu 1/27/22	Thu 1/27/22																									
29	County and OR review	15 days	Fri 1/28/22	Thu 2/17/22																									
30	Comment Response and Resolution	15 days	Fri 2/18/22	Thu 3/10/22																									
31	Release for Construction	0 days	Thu 3/10/22	Thu 3/10/22																									
32	Design Build Contractor	692 days	<b>Tue 5/18/21</b>	<b>Fri 1/12/24</b>																									
33	Pre-Construction Meeting	1 day	Fri 3/11/22	Fri 3/11/22																									
34	Construction	475 days	Mon 3/14/22	Fri 1/5/24																									
35	Close out and Warranty	5 days	Mon 1/8/24	Fri 1/12/24																									

Project:  
Date: Mon 8/3/20

Summary DB Consultant Owners Rep. (WGI) DB Contractor

# CR 209 (Sandridge to 315B) Design-CMAR Schedule

ID	Task Name	Duration	Start	Finish	Precedence	Timeline															
						2020 Q2	2020 Q3	2020 Q4	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2	2022 Q3	2022 Q4	2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1
1	<b>Owners Representative Services (OR)</b>	1026 days?	<b>Tue 8/11/20</b>	<b>Fri 7/19/24</b>		[Gantt bar spanning from 8/11/20 to 7/19/24]															
2	Anticipated Award	4 days	Tue 8/11/20	Fri 8/14/20		[Gantt bar from 8/11/20 to 8/14/20]															
3	Anticipated Notice to Proceed (NTP)	5 days	Mon 8/17/20	Fri 8/21/20		[Gantt bar from 8/17/20 to 8/21/20]															
4	Financial/Accounting and General Administration	981 days	Mon 10/12/20	Fri 7/19/24		[Gantt bar from 10/12/20 to 7/19/24]															
5	Professional Support Services	981 days	Mon 10/12/20	Fri 7/19/24		[Gantt bar from 10/12/20 to 7/19/24]															
6	Validate and Adjust Typical Sections	10 days	Mon 10/12/20	Fri 10/23/20		[Gantt bar from 10/12/20 to 10/23/20]															
7	Preliminary R/W Evaluation (Acquisition, TCE, etc.)	10 days	Mon 10/12/20	Fri 10/23/20		[Gantt bar from 10/12/20 to 10/23/20]															
8	Survey CR 209 - Field Work	20 days	Mon 10/12/20	Thu 11/5/20		[Gantt bar from 10/12/20 to 11/5/20]															
9	Survey CR 209 - Office Data Extraction	30 days	Fri 11/6/20	Mon 12/21/20 <sup>8</sup>		[Gantt bar from 11/6/20 to 12/21/20]															
10	Preliminary Geotechnical Assessment	30 days	Mon 10/26/20	Mon 12/7/20 <sup>6</sup>		[Gantt bar from 10/26/20 to 12/7/20]															
11	Preliminary Permitting Services (Stormwater & Wetland Strategy)	30 days	Mon 10/26/20	Mon 12/7/20 <sup>6</sup>		[Gantt bar from 10/26/20 to 12/7/20]															
12	Preliminary Utility Verification	20 days	Mon 10/26/20	Thu 11/19/20 <sup>6</sup>		[Gantt bar from 10/26/20 to 11/19/20]															
13	Prepare Request for Qualifications (RFQ)	30 days	Mon 8/24/20	Fri 10/2/20 <sup>3</sup>		[Gantt bar from 8/24/20 to 10/2/20]															
14	Advertise RFQ	0 days	Fri 10/2/20	Fri 10/2/20 <sup>13</sup>		[Gantt bar from 10/2/20 to 10/2/20]															
15	Selection of Design Consultant	30 days	Mon 10/5/20	Thu 11/12/20 <sup>14</sup>		[Gantt bar from 10/5/20 to 11/12/20]															
16	NTP Design Consultant	30 days	Fri 11/13/20	Tue 12/29/20 <sup>15</sup>		[Gantt bar from 11/13/20 to 12/29/20]															
17	30% Plans Review and Comment Resolution	30 days	Thu 11/18/21	Fri 12/31/21 <sup>34</sup>		[Gantt bar from 11/18/21 to 12/31/21]															
18	Public Awareness/Communication Services	30 days	Mon 1/3/22	Thu 2/10/22 <sup>17</sup>		[Gantt bar from 1/3/22 to 2/10/22]															
19	45% RW Requirement RW and Approval	10 days	Fri 1/28/22	Thu 2/10/22 <sup>37</sup>		[Gantt bar from 1/28/22 to 2/10/22]															
20	Prepare Legal Description (45% to 60%)	60 days	Mon 1/3/22	Thu 3/24/22 <sup>36</sup>		[Gantt bar from 1/3/22 to 3/24/22]															
21	60% Plans Review and Comment Resolution	30 days	Fri 3/25/22	Tue 5/3/22 <sup>20</sup>		[Gantt bar from 3/25/22 to 5/3/22]															
22	Right-of-Way Acquisition Services (Phase I, II, III)	260 days	Fri 3/25/22	Thu 3/23/23 <sup>20</sup>		[Gantt bar from 3/25/22 to 3/23/23]															
23	90% Plans Review and Comment Resolution	30 days	Wed 5/4/22	Wed 6/15/22 <sup>21</sup>		[Gantt bar from 5/4/22 to 6/15/22]															
24	Final Plans Review and Comment Resolution	20 days	Thu 6/16/22	Thu 7/14/22 <sup>23</sup>		[Gantt bar from 6/16/22 to 7/14/22]															
25	Prepare RFP for Construction Manager at Risk (CMAR)	40 days	Mon 10/5/20	Mon 11/30/20 <sup>14</sup>		[Gantt bar from 10/5/20 to 11/30/20]															
26	Advertise Request for Proposal CMAR	0 days	Tue 12/1/20	Tue 12/1/20 <sup>25</sup>		[Gantt bar from 12/1/20 to 12/1/20]															
27	Selection of CMAR	40 days	Tue 12/1/20	Tue 1/26/21 <sup>26</sup>		[Gantt bar from 12/1/20 to 1/26/21]															
28	NTP CMAR	30 days	Wed 1/27/21	Tue 3/9/21 <sup>27</sup>		[Gantt bar from 1/27/21 to 3/9/21]															
29	Construction Engineering Inspection (CEI)	426 days	Fri 11/25/22	Fri 7/12/24 <sup>55</sup>		[Gantt bar from 11/25/22 to 7/12/24]															
30	<b>Design Consultant - CMAR Team</b>	716 days?	<b>Wed 12/30/20</b>	<b>Fri 9/29/23</b>	16	[Gantt bar from 12/30/20 to 9/29/23]															
31	<b>Design Consultant</b>	<b>326 days</b>	<b>Wed 8/25/21</b>	<b>Fri 11/25/22</b>	16	[Gantt bar from 8/25/21 to 11/25/22]															

Project:  
Date: Mon 8/3/20

Summary Designer Owners Rep. (WGI) CMAR



# Sandridge Road Design-CMAR Schedule

ID	Task Name	Duration	Start	Finish	Timeline																														
					020	Half 2, 2020				Half 1, 2021			Half 2, 2021			Half 1, 2022			Half 2, 2022			Half 1, 2023			Half 2, 2023			Half 1, 2024							
					M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M	M	J	S	N	J	M	M
1	<b>Owners Representative Services (OR)</b>	876 days?	<b>Tue 8/11/20</b>	<b>Fri 12/22/23</b>																															
2	Anticipated Award	4 days	Tue 8/11/20	Fri 8/14/20																															
3	Anticipated Notice to Proceed (NTP)	5 days	Sat 8/15/20	Thu 8/20/20																															
4	Financial/Accounting and General Administration	866 days	Mon 8/24/20	Fri 12/22/23																															
5	Professional Support Services	866 days	Mon 8/24/20	Fri 12/22/23																															
6	Validate and Adjust Typical Sections	10 days	Mon 8/24/20	Thu 9/3/20																															
7	Preliminary R/W Evaluation (Acquisition, TCE, etc.)	10 days	Mon 8/31/20	Mon 9/14/20																															
8	Survey for Sandridge - Field Work	20 days	Mon 8/24/20	Fri 9/18/20																															
9	Survey for Sandridge - Office Data Extraction	30 days	Mon 9/21/20	Fri 10/30/20																															
10	Preliminary Geotechnical Assessment	20 days	Fri 9/4/20	Fri 10/2/20																															
11	Preliminary Permitting Services (Stormwater & Wetland Strategy)	20 days	Fri 9/4/20	Fri 10/2/20																															
12	Preliminary Utility Verification	20 days	Fri 9/4/20	Fri 10/2/20																															
13	Prepare Request for Qualifications (RFQ)	30 days	Mon 8/24/20	Fri 10/2/20																															
14	Advertise RFQ	0 days	Fri 10/2/20	Fri 10/2/20																															
15	Selection of Design Consultant	30 days	Mon 10/5/20	Thu 11/12/20																															
16	NTP Design Consultant	30 days	Fri 11/13/20	Tue 12/29/20																															
17	30% Plans Review and Comment Resolution	30 days	Wed 4/21/21	Wed 6/2/21																															
18	Public Awareness/Communication Services	30 days	Thu 6/3/21	Wed 7/14/21																															
19	45% RW Requirement Review	10 days	Thu 6/3/21	Wed 6/16/21																															
20	Prepare Legal Description (45% to 60%)	45 days	Thu 6/17/21	Tue 8/17/21																															
21	60% Plans Review and Comment Resolution	30 days	Wed 8/18/21	Wed 9/29/21																															
22	Right-of-Way Acquisition Services (Phase I, II, III)	260 days	Wed 8/25/21	Thu 8/25/22																															
23	90% Plans Review and Comment Resolution	30 days	Mon 12/27/21	Thu 2/3/22																															
24	Final Plans Review and Comment Resolution	20 days	Fri 3/4/22	Thu 3/31/22																															
25	Prepare RFP for Construction Manager at Risk (CMAR)	40 days	Mon 10/5/20	Mon 11/30/20																															
26	Advertise Request for Proposal CMAR	0 days	Tue 12/1/20	Tue 12/1/20																															
27	Selection of CMAR	40 days	Tue 12/1/20	Tue 1/26/21																															
28	NTP CMAR	30 days	Wed 1/27/21	Tue 3/9/21																															
29	Construction Engineering Inspection (CEI)	426 days	Fri 4/1/22	Fri 11/17/23																															
30	<b>Design Consultant - CMAR Team</b>	716 days?	<b>Wed 12/30/20</b>	<b>Fri 9/29/23</b>																															
31	Design Consultant	325 days?	<b>Wed 12/30/20</b>	<b>Thu 3/31/22</b>																															

Project:  
Date: Mon 8/3/20

Summary Designer Owners Rep. (WGI) CMAR



# CR 209 (US17 to CR315B) Design CMAR Schedule

ID	Task Name	Duration	Start	Finish	2020		2021				2022				2023						
					Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	
1	<b>Owners Representative Services (OR)</b>	866 days?	<b>Tue 8/11/20</b>	<b>Fri 12/8/23</b>																	
2	Anticipated Award	4 days	Tue 8/11/20	Fri 8/14/20																	
3	Anticipated Notice to Proceed (NTP)	5 days	Sat 8/15/20	Thu 8/20/20																	
4	Financial/Accounting and General Administration	845 days	Tue 9/8/20	Fri 12/8/23																	
5	Professional Support Services	845 days	Tue 9/8/20	Fri 12/8/23																	
6	Validate and Adjust Typical Sections	10 days	Tue 9/8/20	Mon 9/21/20																	
7	Preliminary R/W Evaluation (Acquisition, TCE, etc.)	10 days	Tue 9/8/20	Mon 9/21/20																	
8	Survey - Field Work	20 days	Tue 9/8/20	Mon 10/5/20																	
9	Survey - Office Data Extraction	30 days	Tue 10/6/20	Fri 11/13/20																	
10	Preliminary Permitting Services (Stormwater & Wetland Strategy)	20 days	Tue 9/22/20	Mon 10/19/20																	
11	Preliminary Utility Verification	20 days	Tue 9/22/20	Mon 10/19/20																	
12	Prepare Request for Qualifications (RFQ)	35 days	Tue 9/8/20	Mon 10/26/20																	
13	Advertise RFQ	0 days	Mon 10/26/20	Mon 10/26/20																	
14	Selection of Design Consultant	35 days	Tue 10/27/20	Tue 12/15/20																	
15	NTP Design Consultant	30 days	Wed 12/16/20	Wed 1/27/21																	
16	30% Plans Review and Comment Resolution	30 days	Wed 4/21/21	Wed 6/2/21																	
17	Public Awareness/Communication Services	30 days	Thu 6/3/21	Wed 7/14/21																	
18	45% RW Requirement Review	10 days	Thu 7/1/21	Wed 7/14/21																	
19	Prepare Legal Description (45% to 60%)	45 days	Thu 7/15/21	Wed 9/15/21																	
20	60% Plans Review and Comment Resolution	30 days	Thu 9/16/21	Wed 10/27/21																	
21	Right-of-Way Acquisition Services (Phase I, II, III)	260 days	Thu 9/16/21	Thu 9/15/22																	
22	90% Plans Review and Comment Resolution	30 days	Fri 1/21/22	Thu 3/3/22																	
23	Final Plans Review and Comment Resolution	20 days	Fri 4/1/22	Wed 4/27/22																	
24	Prepare RFP for Construction Manager at Risk (CMAR)	40 days	Tue 10/27/20	Tue 12/22/20																	
25	Advertise Request for Proposal CMAR	0 days	Tue 12/22/20	Tue 12/22/20																	
26	Selection of CMAR	40 days	Wed 12/23/20	Wed 2/17/21																	
27	NTP CMAR	30 days	Thu 2/18/21	Wed 3/31/21																	
28	Construction Engineering Inspection (CEI)	426 days	Fri 4/29/22	Mon 12/18/23																	
29	<b>Design Consultant - CMAR Team</b>	716 days?	<b>Wed 1/27/21</b>	<b>Fri 10/27/23</b>																	
30	Design Consultant	326 days	<b>Wed 1/27/21</b>	<b>Thu 4/28/22</b>																	

Project:  
Date: Tue 8/4/20

Summary Designer Owners Rep. (WGI) CMAR

# CR 209 (US17 to CR315B) Design CMAR Schedule

ID	Task Name	Duration	Start	Finish	2020				2021				2022				2023				
					Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	
31	Geotechnical Subsurface Exploration	45 days	Wed 1/27/21	Tue 3/30/21																	
32	Prepare 30% Plans	60 days	Wed 1/27/21	Tue 4/20/21																	
33	Submit 30% Plans, Preliminary Cost Estimate	0 days	Tue 4/20/21	Tue 4/20/21																	
34	County and OR review	15 days	Wed 4/21/21	Tue 5/11/21																	
35	Comment Response and Resolution	15 days	Wed 5/12/21	Wed 6/2/21																	
36	Prepare 45% Plans for RW requirements	20 days	Thu 6/3/21	Wed 6/30/21																	
37	Submit R/W requirements	0 days	Wed 6/30/21	Wed 6/30/21																	
38	County and OR Review RW	10 days	Thu 7/1/21	Wed 7/14/21																	
39	Begin RW Acquisition Process	0 days	Wed 7/14/21	Wed 7/14/21																	
40	Prepare 60% Plans	45 days	Thu 7/15/21	Wed 9/15/21																	
41	Submit 60% Plans, Cost Estimate & Permit	0 days	Wed 9/15/21	Wed 9/15/21																	
42	County and OR review	15 days	Thu 9/16/21	Wed 10/6/21																	
43	Comment Response and Resolution	15 days	Thu 10/7/21	Wed 10/27/21																	
44	CSX & SJWMD Permit	120 days	Thu 10/28/21	Wed 4/13/22																	
45	Prepare 90% Plans	60 days	Thu 10/28/21	Thu 1/20/22																	
46	Submit 90% Plans & GMP	0 days	Thu 1/20/22	Thu 1/20/22																	
47	County and OR review	15 days	Fri 1/21/22	Thu 2/10/22																	
48	Comment Response and Resolution	15 days	Fri 2/11/22	Thu 3/3/22																	
49	GMP is accepted by the County	0 days	Thu 3/3/22	Thu 3/3/22																	
50	Prepare Final Plans	20 days	Fri 3/4/22	Thu 3/31/22																	
51	Submit Final Plans to County and OR	0 days	Thu 3/31/22	Thu 3/31/22																	
52	County and OR review	11 days	Fri 4/1/22	Thu 4/14/22																	
53	Comment Response and Resolution	10 days	Fri 4/15/22	Thu 4/28/22																	
54	Release for Construction	0 days	Thu 4/28/22	Thu 4/28/22																	
55	<b>Construction Manager at Risk</b>	<b>701 days</b>	<b>Wed 3/31/21</b>	<b>Fri 12/8/23</b>																	
56	CMAR Develop Open GMP	240 days	Thu 4/1/21	Fri 3/4/22																	
57	Pre-Construction Meeting	0 days	Fri 4/29/22	Fri 4/29/22																	
58	Construction	413 days	Mon 5/2/22	Fri 12/1/23																	
59	Final Inspection and Warranty	5 days	Mon 12/4/23	Fri 12/8/23																	
60	Project Complete	0 days	Fri 12/8/23	Fri 12/8/23																	

Project:  
Date: Tue 8/4/20

Summary Designer Owners Rep. (WGI) CMAR



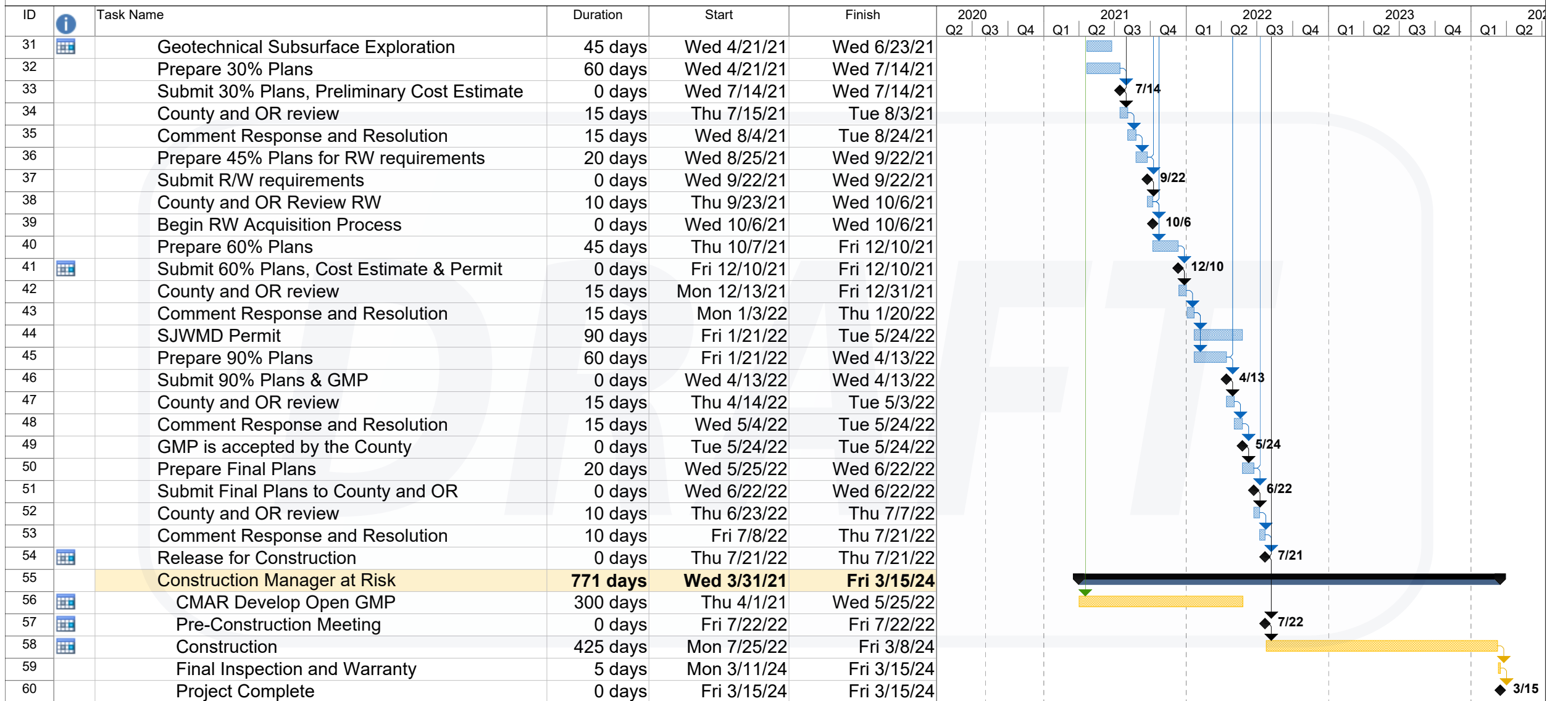
# CR 220 (Baxley to Henley) Design-CMAR Schedule

ID	Task Name	Duration	Start	Finish	2020		2021				2022				2023				2024				
					Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
1	<b>Owners Representative Services (OR)</b>	936 days?	<b>Tue 8/11/20</b>	<b>Fri 3/15/24</b>																			
2	Anticipated Award	4 days	Tue 8/11/20	Fri 8/14/20																			
3	Anticipated Notice to Proceed (NTP)	5 days	Sat 8/15/20	Thu 8/20/20																			
4	Financial/Accounting and General Administration	915 days	Tue 9/8/20	Fri 3/15/24																			
5	Professional Support Services	915 days	Tue 9/8/20	Fri 3/15/24																			
6	Validate and Adjust Typical Sections	10 days	Tue 9/8/20	Mon 9/21/20																			
7	Preliminary R/W Evaluation (Acquisition, TCE, etc.)	10 days	Tue 9/8/20	Mon 9/21/20																			
8	Survey - Field Work	20 days	Tue 9/8/20	Mon 10/5/20																			
9	Survey - Office Data Extraction	30 days	Tue 10/6/20	Fri 11/13/20																			
10	Preliminary Permitting Services (Stormwater & Wetland Strategy)	20 days	Tue 9/22/20	Mon 10/19/20																			
11	Preliminary Utility Verification	20 days	Tue 9/22/20	Mon 10/19/20																			
12	Prepare Request for Qualifications (RFQ)	35 days	Tue 9/8/20	Mon 10/26/20																			
13	Advertise RFQ	0 days	Mon 10/26/20	Mon 10/26/20																			
14	Selection of Design Consultant	35 days	Tue 10/27/20	Tue 12/15/20																			
15	NTP Design Consultant	30 days	Wed 12/16/20	Wed 1/27/21																			
16	30% Plans Review and Comment Resolution	30 days	Thu 7/15/21	Tue 8/24/21																			
17	Public Awareness/Communication Services	30 days	Wed 8/25/21	Wed 10/6/21																			
18	45% RW Requirement Review	10 days	Thu 9/23/21	Wed 10/6/21																			
19	Prepare Legal Description (45% to 60%)	45 days	Thu 10/7/21	Fri 12/10/21																			
20	60% Plans Review and Comment Resolution	30 days	Mon 12/13/21	Thu 1/20/22																			
21	Right-of-Way Acquisition Services (Phase I, II, III)	260 days	Mon 12/13/21	Thu 12/8/22																			
22	90% Plans Review and Comment Resolution	30 days	Thu 4/14/22	Tue 5/24/22																			
23	Final Plans Review and Comment Resolution	20 days	Thu 6/23/22	Thu 7/21/22																			
24	Prepare RFP for Construction Manager at Risk (CMAR)	40 days	Tue 10/27/20	Tue 12/22/20																			
25	Advertise Request for Proposal CMAR	0 days	Tue 12/22/20	Tue 12/22/20																			
26	Selection of CMAR	40 days	Wed 12/23/20	Wed 2/17/21																			
27	NTP CMAR	30 days	Thu 2/18/21	Wed 3/31/21																			
28	Construction Engineering Inspection (CEI)	431 days	Fri 7/22/22	Fri 3/15/24																			
29	<b>Design Consultant - CMAR Team</b>	716 days?	<b>Wed 1/27/21</b>	<b>Fri 10/27/23</b>																			
30	Design Consultant	385 days	Wed 1/27/21	Thu 7/21/22																			

Project:  
Date: Tue 8/4/20

Summary Designer Owners Rep. (WGI) CMAR

# CR 220 (Baxley to Henley) Design-CMAR Schedule



Project:  
Date: Tue 8/4/20

Summary



Designer



Owners Rep. (WGI)



CMAR



# CR 315 (US17 to FCC) Design-CMAR Schedule

ID	Task Name	Duration	Start	Finish	2020		2021				2022				2023				2024					
					Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
1	<b>Owners Representative Services (OR)</b>	1031 days?	<b>Tue 8/11/20</b>	<b>Fri 7/26/24</b>																				
2	Anticipated Award	4 days	Tue 8/11/20	Fri 8/14/20																				
3	Anticipated Notice to Proceed (NTP)	5 days	Sat 8/15/20	Thu 8/20/20																				
4	Financial/Accounting and General Administration	1010 days	Tue 9/8/20	Fri 7/26/24																				
5	Professional Support Services	1010 days	Tue 9/8/20	Fri 7/26/24																				
6	Validate and Adjust Typical Sections	10 days	Tue 9/8/20	Mon 9/21/20																				
7	Preliminary R/W Evaluation (Acquisition, TCE, etc.)	10 days	Tue 9/8/20	Mon 9/21/20																				
8	Survey - Field Work	20 days	Tue 9/8/20	Mon 10/5/20																				
9	Survey - Office Data Extraction	30 days	Tue 10/6/20	Fri 11/13/20																				
10	Preliminary Permitting Services (Stormwater & Wetland Strategy)	20 days	Tue 9/22/20	Mon 10/19/20																				
11	Preliminary Utility Verification	20 days	Tue 9/22/20	Mon 10/19/20																				
12	Prepare Request for Qualifications (RFQ)	35 days	Tue 9/8/20	Mon 10/26/20																				
13	Advertise RFQ	0 days	Mon 10/26/20	Mon 10/26/20																				
14	Selection of Design Consultant	35 days	Tue 10/27/20	Tue 12/15/20																				
15	NTP Design Consultant	30 days	Wed 12/16/20	Wed 1/27/21																				
16	30% Plans Review and Comment Resolution	30 days	Mon 12/13/21	Thu 1/20/22																				
17	Public Awareness/Communication Services	30 days	Fri 1/21/22	Thu 3/3/22																				
18	45% RW Requirement Review	10 days	Fri 2/18/22	Thu 3/3/22																				
19	Prepare Legal Description (45% to 60%)	45 days	Fri 3/4/22	Tue 5/3/22																				
20	60% Plans Review and Comment Resolution	30 days	Wed 5/4/22	Wed 6/15/22																				
21	Right-of-Way Acquisition Services (Phase I, II, III)	260 days	Wed 5/4/22	Thu 5/4/23																				
22	90% Plans Review and Comment Resolution	30 days	Fri 9/9/22	Thu 10/20/22																				
23	Final Plans Review and Comment Resolution	20 days	Fri 11/18/22	Thu 12/15/22																				
24	Prepare RFP for Construction Manager at Risk (CMAR)	40 days	Tue 10/27/20	Tue 12/22/20																				
25	Advertise Request for Proposal CMAR	0 days	Tue 12/22/20	Tue 12/22/20																				
26	Selection of CMAR	40 days	Wed 12/23/20	Wed 2/17/21																				
27	NTP CMAR	30 days	Thu 2/18/21	Wed 3/31/21																				
28	Construction Engineering Inspection (CEI)	426 days	Fri 12/16/22	Fri 8/2/24																				
29	<b>Design Consultant - CMAR Team</b>	716 days?	<b>Wed 1/27/21</b>	<b>Fri 10/27/23</b>																				
30	Design Consultant	490 days	<b>Wed 1/27/21</b>	<b>Thu 12/15/22</b>																				

Project:  
Date: Tue 8/4/20

Summary Designer Owners Rep. (WGI) CMAR

# CR 315 (US17 to FCC) Design-CMAR Schedule

ID	Task Name	Duration	Start	Finish	2020			2021				2022				2023				2024			
					Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
31	Geotechnical Subsurface Exploration	45 days	Thu 9/16/21	Wed 11/17/21																			
32	Prepare 30% Plans	60 days	Thu 9/16/21	Fri 12/10/21																			
33	Submit 30% Plans, Preliminary Cost Estimate	0 days	Fri 12/10/21	Fri 12/10/21																			
34	County and OR review	15 days	Mon 12/13/21	Fri 12/31/21																			
35	Comment Response and Resolution	15 days	Mon 1/3/22	Thu 1/20/22																			
36	Prepare 45% Plans for RW requirements	20 days	Fri 1/21/22	Thu 2/17/22																			
37	Submit R/W requirements	0 days	Thu 2/17/22	Thu 2/17/22																			
38	County and OR Review RW	10 days	Fri 2/18/22	Thu 3/3/22																			
39	Begin RW Acquisition Process	0 days	Thu 3/3/22	Thu 3/3/22																			
40	Prepare 60% Plans	45 days	Fri 3/4/22	Tue 5/3/22																			
41	Submit 60% Plans, Cost Estimate & Permit	0 days	Tue 5/3/22	Tue 5/3/22																			
42	County and OR review	15 days	Wed 5/4/22	Tue 5/24/22																			
43	Comment Response and Resolution	15 days	Wed 5/25/22	Wed 6/15/22																			
44	CSX & SJWMD Permit	120 days	Thu 6/16/22	Thu 12/1/22																			
45	Prepare 90% Plans	60 days	Thu 6/16/22	Thu 9/8/22																			
46	Submit 90% Plans & GMP	0 days	Thu 9/8/22	Thu 9/8/22																			
47	County and OR review	15 days	Fri 9/9/22	Thu 9/29/22																			
48	Comment Response and Resolution	15 days	Fri 9/30/22	Thu 10/20/22																			
49	GMP is accepted by the County	0 days	Thu 10/20/22	Thu 10/20/22																			
50	Prepare Final Plans	20 days	Fri 10/21/22	Thu 11/17/22																			
51	Submit Final Plans to County and OR	0 days	Thu 11/17/22	Thu 11/17/22																			
52	County and OR review	10 days	Fri 11/18/22	Thu 12/1/22																			
53	Comment Response and Resolution	10 days	Fri 12/2/22	Thu 12/15/22																			
54	Release for Construction	0 days	Thu 12/15/22	Thu 12/15/22																			
55	Construction Manager at Risk	876 days	Wed 3/31/21	Fri 8/9/24																			
56	CMAR Develop Open GMP	404 days	Thu 4/1/21	Thu 10/20/22																			
57	Pre-Construction Meeting	0 days	Fri 12/16/22	Fri 12/16/22																			
58	Construction	415 days	Mon 12/19/22	Fri 7/19/24																			
59	Final Inspection and Warranty	5 days	Mon 7/22/24	Fri 7/26/24																			
60	Project Complete	0 days	Fri 7/26/24	Fri 7/26/24																			

Project:  
Date: Tue 8/4/20

Summary Designer Owners Rep. (WGI) CMAR

**ATTACHMENT F**  
**Schedule of Values**

Clay County Owner's Rep		1	2	3	4	5	6A	6B		
1)	Program Wide Management	CR 218 -DB	CR 209 (Group 2)	CR 209 (Group 1)	Sandridge (Group 1)	CR 220 (Group 2)	CR 315-FCC-6A (Group 2)	FCC-6B (DB)	Check	
	Roadway Review (Support)	\$50,500.36	\$97,697.06	\$114,056.97	\$99,622.97	\$101,369.66	\$96,793.64	\$49,464.31	\$609,504.97	
	Drainage Reviews (Support)	\$35,651.34	\$40,512.24	\$30,366.72	\$34,162.56	\$36,010.88	\$36,010.88	\$25,473.12	\$238,187.74	
	Utility Verification (Support)	\$30,209.00	\$12,439.00	\$17,770.00	\$14,038.30	\$12,439.00	\$14,216.00	\$21,679.40	\$122,790.70	
	Geotech (Wood) Support	\$8,429.73	\$8,568.39	\$22,378.22	\$36,026.16	\$21,878.49	\$13,310.10	\$10,038.06	\$120,629.15	
	Public Involvement (GIS Support)	\$10,374.50	\$10,374.50	\$10,296.26	\$10,062.26	\$10,374.50	\$10,374.50	\$10,374.50	\$72,231.02	
	Program Management	\$371,986.80	\$482,975.75	\$477,545.10	\$474,601.35	\$478,316.50	\$485,919.50	\$365,416.45	\$3,136,761.45	
	Project Controls (HDR)	\$92,315.89		\$91,976.32	\$0.00	\$89,893.00	\$0.00	\$86,369.25	\$360,554.46	
	<b>Section 1 Sub-total</b>	<b>\$599,467.62</b>	<b>\$652,566.94</b>	<b>\$764,389.59</b>	<b>\$668,513.60</b>	<b>\$750,282.03</b>	<b>\$656,624.62</b>	<b>\$568,815.09</b>	<b>\$4,660,659.49</b>	
2)	Design Criteria Package (DB)	CR 218 -DB						FCC-6B (DB)	Check	
	Survey (RW & Topo Survey)	\$151,665.34						\$100,890.22	\$252,555.56	
	Structures (BDR and Post Bid Reviews)	\$0.00						\$122,146.50	\$122,146.50	
	Roadway 30% Plans	\$87,486.68						\$125,439.51	\$212,926.19	
	Drainage 30% Plans	\$23,576.65						\$42,547.70	\$66,124.35	
	Geotech (Reviews and Borings FCC) Wood	\$0.00						\$183,919.44	\$183,919.44	
	Drainage Analysis and Permitting	\$51,019.01						\$121,672.37	\$172,691.38	
	Wetland (Delineation)	\$83,066.76						\$142,730.02	\$225,796.78	
	<b>Section 2 Subtotal</b>	<b>\$396,814.44</b>						<b>\$839,345.76</b>	<b>\$1,236,160.20</b>	
3)	Program Wide Right of Way Acquisition	CR 218 -DB	CR 209 (Group 2)	CR 209 (Group 1)	Sandridge (Group 1)	CR 220 (Group 2)	CR 315-FCC-6A (Group 2)	FCC-6B (DB)	Check	
	Acquisition (HDG)	\$382,590.00	\$184,773.00	\$417,747.00	\$280,197.00	\$301,377.00	\$304,836.00	\$0.00	\$1,871,520.00	
	Appraisal (CBRE)	\$0.00	\$97,000.00	\$172,500.00	\$40,000.00	\$120,500.00	\$181,000.00	\$0.00	\$611,000.00	
	Env-PH 1 (WGI)	\$32,000.00	\$27,360.00	\$24,640.00	\$32,000.00	\$24,640.00	\$24,640.00	\$0.00	\$165,280.00	
	Env-PH 2 (AES)	\$5,440.00	\$3,280.00	\$5,560.00	\$6,600.00	\$8,640.00	\$8,640.00	\$0.00	\$38,160.00	
	Legal Description	\$67,500.00	\$12,000.00	\$30,000.00	\$39,000.00	\$21,000.00	\$15,000.00	\$0.00	\$184,500.00	
	Env-PH 3 (ERS)	\$715.00	\$715.00	\$715.00	\$715.00	\$715.00	\$715.00	\$715.00	\$5,005.00	
	Birchfield & Humphrey	\$7,857.00	\$7,857.00	\$7,857.00	\$7,857.00	\$7,857.00	\$7,857.00	\$7,857.00	\$54,999.00	
	<b>Section 3 Subtotal</b>	<b>\$496,102.00</b>	<b>\$332,985.00</b>	<b>\$659,019.00</b>	<b>\$406,369.00</b>	<b>\$484,729.00</b>	<b>\$542,688.00</b>	<b>\$8,572.00</b>	<b>\$2,930,464.00</b>	
4)	CMAR Wide Stormwater and Environmental Strategy		CR 209 (Group 2)	CR 209 (Group 1)	Sandridge (Group 1)	CR 220 (Group 2)	CR 315-FCC-6A (Group 2)		Check	
	Stormwater Strategy		\$31,434.96	\$46,263.60	\$66,834.91	\$31,123.20	\$56,427.47		\$232,084.14	
	Wetland (Delineation)		\$38,707.98	\$62,441.34	\$116,406.48	\$52,269.90	\$52,269.90		\$322,095.60	
	<b>Section 4 Subtotal</b>		<b>\$70,142.94</b>	<b>\$108,704.94</b>	<b>\$183,241.39</b>	<b>\$83,393.10</b>	<b>\$108,697.37</b>		<b>\$554,179.74</b>	
5)	CMAR Wide Surveying		CR 209 (Group 2)	CR 209 (Group 1)	Sandridge (Group 1)	CR 220 (Group 2)	CR 315-FCC-6A (Group 2)		Check	
	RW Survey		\$30,859.80	\$47,168.52	\$63,626.92	\$43,730.44	\$50,811.60		\$236,197.28	
	Topographic Survey		\$28,891.06	\$63,057.10	\$98,870.67	\$49,542.32	\$55,255.86		\$295,617.01	
	<b>Section 5 Subtotal</b>		<b>\$59,750.86</b>	<b>\$110,225.62</b>	<b>\$162,497.59</b>	<b>\$93,272.76</b>	<b>\$106,067.46</b>		<b>\$531,814.29</b>	
6)	Program Wide Construction Engineering Inspection (E&R, VIA, CSI, Alrod, WGI)	CR 218 -DB	CR 209 (Group 2)	CR 209 (Group 1)	Sandridge (Group 1)	CR 220 (Group 2)	CR 315-FCC-6A (Group 2)	FCC-6B (DB)	Check	
	Inspection	\$803,757.18	352,268.10	\$661,565.33	\$1,054,180.75	\$487,198.11	589,585.05	\$1,054,845.45	\$5,003,399.97	
	Material	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$175,000.00	
	<b>Section 6 Subtotal</b>	<b>\$828,757.18</b>	<b>\$377,268.10</b>	<b>\$686,565.33</b>	<b>\$1,079,180.75</b>	<b>\$512,198.11</b>	<b>\$614,585.05</b>	<b>\$1,079,845.45</b>	<b>\$5,178,399.97</b>	
7)	Program Wide Reimbursables	CR 218 -DB	CR 209 (Group 2)	CR 209 (Group 1)	Sandridge (Group 1)	CR 220 (Group 2)	CR 315-FCC-6A (Group 2)	FCC-6B (DB)	Check	
	Reimburses	\$21,500.00	\$21,500.00	\$21,500.00	\$21,500.00	\$21,500.00	\$21,500.00	\$21,500.00	\$150,500.00	
		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	<b>Section 6 Subtotal</b>	<b>\$21,500.00</b>	<b>\$21,500.00</b>	<b>\$21,500.00</b>	<b>\$21,500.00</b>	<b>\$21,500.00</b>	<b>\$21,500.00</b>	<b>\$21,500.00</b>	<b>\$150,500.00</b>	
8)	<b>Project Totals</b>	<b>\$2,342,641.24</b>	<b>\$1,514,213.84</b>	<b>\$2,350,404.48</b>	<b>\$2,521,302.33</b>	<b>\$1,945,375.00</b>	<b>\$2,050,162.50</b>	<b>\$2,518,078.30</b>	<b>\$15,242,177.69</b>	

**COMPOSITE  
ATTACHMENT G  
Prime and Subcontractor  
Cost Reimbursables  
Hourly Rates**

# COMPOSITE ATTACHMENT G

Task Name	Firm	Contact Person	Number	Email
Financial, Accounting and General Administration	WGI	Alan Mosley	904.446.7376	<a href="mailto:alan.mosley@wginc.com">alan.mosley@wginc.com</a>
Professional Support Services (RFQ (Design-CMAR), RFP (Desing Build), Advertisement , Selection, NTP)	WGI	Carlos Campos	904.423.5881	<a href="mailto:carlos.campos@wginc.com">carlos.campos@wginc.com</a>
Validate and Adjust Typical Sections	WGI	Alan/Carlos	904.446.7375	<a href="mailto:carlos.campos@wginc.com">carlos.campos@wginc.com</a>
Preliminary R/W Evaluation (Acquisition, TCE, etc.)	WGI	Alan/Carlos	904.446.7376	<a href="mailto:alan.mosley@wginc.com">alan.mosley@wginc.com</a>
Legal Descriptions	WGI	Ryan Kett	561-839-1716	<a href="mailto:Ryan.kett@wginc.com">Ryan.kett@wginc.com</a>
Topographic Survey	WGI	Ryan Kett	904-673-5692	<a href="mailto:Ryan.kett@wginc.com">Ryan.kett@wginc.com</a>
R/W Maps	WGI	Ryan Kett	904-673-5693	<a href="mailto:Ryan.kett@wginc.com">Ryan.kett@wginc.com</a>
Permitting Services (Stormwater)	WGI	Will Stewart	813-574-3190	<a href="mailto:joel.johnson@wginc.com">joel.johnson@wginc.com</a>
Permitting Services (Wetlands)	WGI	Joel Johnson	904-423-5885	<a href="mailto:William.Stewart@wginc.com">William.Stewart@wginc.com</a>
Preliminary Utility Verification (Design Tickets)	WGI	Chris Stermer	813-559-2262	<a href="mailto:chris.stermer@wginc.com">chris.stermer@wginc.com</a>
Design Support (30, 60, 90, Final Reviews)	WGI	Eric Lanning, Kevin Cann	904-470-4503	<a href="mailto:eric.lanning@wginc.com">eric.lanning@wginc.com</a>
Structures Bridge Development Report and Reviews	WGI	Rob Woodruff	904-470-4503	<a href="mailto:Robert.woodruff@wginc.com">Robert.woodruff@wginc.com</a>
GIS	WGI	Amy Hunter	407-868-7504	<a href="mailto:amy.hunter@wginc.com">amy.hunter@wginc.com</a>
Public Awareness/Communication Services	ADG	Cantrece Jones	904-619-8606	<a href="mailto:cjones@adgmark.com">cjones@adgmark.com</a>
Geotechnical Assessment	Wood	Mike Woodward	904-391-3715	<a href="mailto:mike.b.woodward@woodplc.com">mike.b.woodward@woodplc.com</a>
Right-of-Way Acquisition Services (Phase I, II, III)	HDR	George McGregor	904-360-5974	<a href="mailto:George.McGregor@hdrinc.com">George.McGregor@hdrinc.com</a>
RW Appriasals	CBRE	Nick Chop	904-903-1332	<a href="mailto:Nick.Chop@cbre.com">Nick.Chop@cbre.com</a>
Construction Engineering Inspection (CEI)	E&R	Tony Mahfound	904.631.9964	<a href="mailto:tmahfound@eismanrusso.com">tmahfound@eismanrusso.com</a>
VIA Consulting Services, Inc. (CEI)	VIA	Peter J. Sheridan, III	904-735-5174	<a href="mailto:psheridan@via-cs.com">psheridan@via-cs.com</a>
CSI Geo (CEI Material Testing)	CSI	William R. Price	904-309-8590	<a href="mailto:wprice@csi-geo.com">wprice@csi-geo.com</a>
Environmental Resource Solutions	ERS	Kim M. Allerton	904-838-1097	<a href="mailto:kallerton@ersenvironmental.com">kallerton@ersenvironmental.com</a>
Aerostar SES, LLC (Environmental)	AES	Frank Redway	904-565-2820	<a href="mailto:FRedway@aerostar.net">FRedway@aerostar.net</a>
Tocoi Engineering (Utility Support)	Tocoi	Terri Villalva	904-215-1388	<a href="mailto:tvillalva@tocol.com">tvillalva@tocol.com</a>
Clary & Associates, Inc. (Survey Support)	Clary	Cheryl Winsett	904-260-2703	<a href="mailto:cwinsett@claryassoc.com">cwinsett@claryassoc.com</a>
Birchfield & Humphrey, PA	B&H	Bruce B. Humphrey		<a href="mailto:bhumphrey@birchfieldhumphrey.com">bhumphrey@birchfieldhumphrey.com</a>

LEGEND	
	Acuity Design Group (ADG)
	Aerostar SES, LLC (AES)
	Birchfield & Humphrey, PA (B&H)
	CBRE Group, Inc. (CBRE)
	Clary & Associates (Clary)
	CSI Geo, Inc. (CSI)
	Eisland & Associates, Inc. (E&A)
	Eisman & Russo, Inc. (E&R)
	Environmental Resource Solutions, A Division of SES Energy Services, LLC (ERS)
	HDR, Inc. (HDR)
	Tocoi Engineering, LLC (Tocoi)
	VIA Consulting Services, Inc. (VIA)
	WGI, Inc. (WGI)
	Weigel-Weasey Appraisers, Inc. (WMA)
	Wood Environment & Infrastructure Solutions, Inc. (Wood)



Clay County Owner's Rep WGI Rate Sheet					
Role	2020 Base Rate	Overhead Percentage	Profit Percent	2020 Loaded Rate	2022 CPI Budget Loaded Rate
Principal	\$ 115.69	150.0%	10.0%	\$ 318.15	\$ 330.35
Program Manager	\$ 84.68	150%	10%	\$ 232.87	\$ 241.80
Project Manager	\$ 76.59	150%	10%	\$ 210.62	\$ 218.70
Chief Engineer	\$ 101.73	150%	10%	\$ 279.76	\$ 290.49
Senior Engineer	\$ 82.19	150%	10%	\$ 226.02	\$ 234.69
Engineer	\$ 65.34	150%	10%	\$ 179.69	\$ 186.58
Engineer Intern	\$ 38.16	150%	10%	\$ 104.94	\$ 108.97
Administrative Assistant	\$ 32.29	150%	10%	\$ 88.80	\$ 92.20
Field Engineer	\$ 56.98	150%	10%	\$ 156.70	\$ 162.71
Inspector	\$ 40.93	150%	10%	\$ 112.56	\$ 116.88
Senior Professional Surveyor	\$ 57.69	150%	10%	\$ 158.65	\$ 164.73
Surveyor	\$ 50.60	150%	10%	\$ 139.15	\$ 144.49
Senior Technician	\$ 38.20	150%	10%	\$ 105.05	\$ 109.08
Technician	\$ 33.10	150%	10%	\$ 91.03	\$ 94.52
2 person crew	\$ 46.69	150%	10%	\$ 128.40	\$ 133.32
3 person crew	\$ 58.10	150%	10%	\$ 159.78	\$ 165.90
Senior Utility Coordinator	\$ 62.23	150%	10%	\$ 171.13	\$ 177.70
Utility Coordinator	\$ 49.31	150%	10%	\$ 135.60	\$ 140.80
Senior Planner	\$ 59.27	150%	10%	\$ 162.99	\$ 169.25
Senior Environmental Scientist	\$ 69.52	150%	10%	\$ 191.18	\$ 198.51
Environmental Scientist	\$ 33.22	150%	10%	\$ 91.36	\$ 94.86
GIS Manager	\$ 50.49	150%	10%	\$ 138.85	\$ 144.17
GIS Specialist	\$ 43.64	150%	10%	\$ 120.01	\$ 124.61

CPI	
Sep-18	2.3
Oct-18	2.5
Nov-18	2.2
Dec-18	1.9
Jan-19	1.6
Feb-19	1.5
Mar-19	1.9
Apr-19	2
May-19	1.8
Jun-19	1.6
Jul-19	1.8
Aug-19	1.7
Avg>	1.9

**Clay County Owner's Rep  
Eisman & Russo and VIA Rate Sheet**

<u>Role</u>	<u>Raw Rate</u>	<u>Overhead Percentage</u>	<u>Profit Percent</u>	<u>Loaded Rate</u>
Sr. Project Engineer (PE)	\$ 73.00	140%	10%	\$ 192.72
Project Administrator	\$ 50.67	140%	10%	\$ 133.77
Contract Support	\$ 33.41	140%	10%	\$ 88.20
Lead Field Insp./Asst. PA	\$ 38.00	140%	10%	\$ 100.32
Sr. inspector	\$ 31.65	140%	10%	\$ 83.56
Inspector	\$ 25.00	140%	10%	\$ 66.00
Inspector Aide	\$ 17.50	140%	10%	\$ 46.20
Sr. Engineer (PE)	\$ 61.65	140%	10%	\$ 162.76
Jr. Engineer (PE)	\$ 35.00	140%	10%	\$ 92.40
Engineer Intern (EI)	\$ 26.50	140%	10%	\$ 69.96
Sr. CADD Designer	\$ 30.00	140%	10%	\$ 79.20
Clerical	\$ 15.25	140%	10%	\$ 40.26

Clay County Owner's Rep

Wood Rate Sheet

<u>Role</u>	<u>Raw Rate</u>	<u>Overhead Percentage</u>	<u>Profit Percent</u>	<u>Loaded Rate</u>
Principal	\$ 88.48	150%	10%	\$ 243.32
Project Manager	\$ 50.42	150%	10%	\$ 138.66
Principal Engineer	\$ 60.49	150%	10%	\$ 166.35
Project Engineer	\$ 30.81	150%	10%	\$ 84.73
Staff Engineer	\$ 28.42	150%	10%	\$ 78.16
Scientist	\$ 25.63	150%	10%	\$ 70.48
Senior Engineering Technician	\$ 18.00	150%	10%	\$ 49.50
Engineering Technician	\$ 15.45	150%	10%	\$ 42.49
Project Coordinator	\$ 29.94	150%	10%	\$ 82.34
Clerical	\$ 14.50	150%	10%	\$ 39.88

**Clay County Owner's Rep  
HDR Rate Sheet**

<b>Role</b>	<b>Raw Rate</b>	<b>Overhead Percen</b>	<b>Profit Percent</b>	<b>Loaded Rate</b>
Principal	\$ 115.00	150%	10%	\$ 316.25
Project Controls Administrator	\$ 38.00	150%	10%	\$ 104.50
Project Accountant	\$ 38.00	150%	10%	\$ 104.50
RW Business Group Leader	\$ 92.00	150%	10%	\$ 253.00
RW Project Manager	\$ 72.00	150%	10%	\$ 198.00
Sr. RW Acquistion Agent	\$ 52.50	150%	10%	\$ 144.38
RW Acquisition Agent	\$ 42.00	150%	10%	\$ 115.50
Engineer	\$ 47.00	150%	10%	\$ 129.25

**Clay County Owner's Rep Clary & Associates Rate Sheet**

<u>Role</u>	<u>Raw Rate</u>	<u>Overhead Percentage</u>	<u>Profit Percent</u>	<u>Loaded Rate</u>
Senior Professional Surveyor	\$ 58.81	150%	10%	\$ 161.73
Surveyor	\$ 51.70	150%	10%	\$ 142.18
Technician	\$ 43.18	150%	10%	\$ 118.75
3 person crew	\$ 60.20	150%	10%	\$ 165.55

**Clay County Owner's Rep**  
**SES Energy Services LLC (Environmental Resource Solutions Division)**

<b>Role</b>	<b>Raw Rate</b>	<b>Overhead Percentage</b>	<b>Profit Percent</b>	<b>Loaded Rate</b>
Senior environmental Scientist I	\$ 84.13	150%	10%	\$ 231.36
Senior environmental Scientist II	\$ 55.43	150%	10%	\$ 152.43
Environmental Scientist I	\$ 43.40	150%	10%	\$ 119.35
Environmental Scientist III	\$ 34.58	150%	10%	\$ 95.10
Environmental Technician I	\$ 26.25	150%	10%	\$ 72.19
Environmental Technician III	\$ 21.56	150%	10%	\$ 59.29

**Clay County Owner's Rep  
SES Energy Services LLC (Aerostar)**

<b>Role</b>	<b>Raw Rate</b>	<b>Overhead Percentage</b>	<b>Profit Percent</b>	<b>Loaded Rate</b>
Principal Engineer/Geologist/Scientist	\$ 76.36	150%	10%	\$ 210.00
Project Scientist	\$ 30.91	150%	10%	\$ 85.00
Senior Geologist	\$ 67.27	150%	10%	\$ 185.00
Project Geologist	\$ 40.00	150%	10%	\$ 110.00
Senior Engineer	\$ 63.64	150%	10%	\$ 175.00
Project Engineer	\$ 38.18	150%	10%	\$ 105.00
Senior Industrial Hygienist	\$ 61.82	150%	10%	\$ 170.00
Project Industrial Hygienist	\$ 32.73	150%	10%	\$ 90.00
QA/QC Manager	\$ 56.36	150%	10%	\$ 155.00
Senior Technician	\$ 36.36	150%	10%	\$ 100.00
Technician	\$ 30.91	150%	10%	\$ 85.00
CADD	\$ 23.64	150%	10%	\$ 65.00
Clerical	\$ 20.00	150%	10%	\$ 55.00



**Clay County Owner's Rep**

**Tocoi Rate Sheet**

<b>Role</b>	<b>Raw Rate</b>	<b>Overhead Percentage</b>	<b>Profit Percent</b>	<b>Loaded Rate</b>
<b>Principal Engineer</b>	\$ 64.89	150%	10%	\$ 178.45
<b>Project Manager</b>	\$ 54.98	150%	10%	\$ 151.20
<b>Project Engineer</b>	\$ 48.95	150%	10%	\$ 134.61
<b>Senior Draftman / Cad</b>	\$ 41.67	150%	10%	\$ 114.59
<b>Senior Designer</b>	\$ 43.85	150%	10%	\$ 120.59
<b>Administrative</b>	\$ 41.36	150%	10%	\$ 113.74
<b>CAD Technician</b>	\$ 32.96	150%	10%	\$ 90.64
<b>Clerical</b>	\$ 30.23	150%	10%	\$ 83.13
<b>Intern</b>	\$ 33.10	150%	10%	\$ 91.03

**Clay County Owner's Rep  
Acuity Design Group (ADG) Rate Sheet**

<b>Role</b>	<b>Raw Rate</b>	<b>Overhead Percentage</b>	<b>Profit Percent</b>	<b>Loaded Rate</b>
<b>Project Management</b>	\$ 78.49	115%	10%	\$ 185.63
<b>Public Involvement Lead</b>	\$ 61.25	115%	10%	\$ 144.86
<b>Public Support</b>	\$ 32.00	115%	10%	\$ 75.68
<b>Graphic/Website Design</b>	\$ 40.00	115%	10%	\$ 94.60
<b>Clerical</b>	\$ 22.00	115%	10%	\$ 52.03
<b>Intern</b>	\$ 15.00	115%	10%	\$ 35.48

**Clay County Owner's Rep  
CBRE Group, Inc. Rate Sheet**

<b>Role</b>	<b>Raw Rate</b>	<b>Overhead Percentage</b>	<b>Profit Percent</b>	<b>Loaded Rate</b>
<b>Appraiser of Record</b>	\$ 90.91	150%	10%	\$ 250.00
<b>Senior Appraiser</b>	\$ 72.72	150%	10%	\$ 199.98
<b>Associate Appraiser</b>	\$ 32.00	150%	10%	\$ 88.00
<b>Research Assitant</b>	\$ 40.00	150%	10%	\$ 110.00
<b>Administration</b>	\$ 22.00	150%	10%	\$ 60.50

**Clay County Owner's Rep  
Birchfield & Humphrey Rate Sheet**

<u>Role</u>	<u>Raw Rate</u>	<u>Overhead Percentage</u>	<u>Profit Percent</u>	<u>Loaded Rate</u>
<b>Attorney</b>	\$ 127.27	150%	10%	\$ 350.00

**Clay County Owner's Rep  
Railway Project Consultants, LLC. Rate Sheet**

<u>Role</u>	<u>Flat Rate</u>			
<b>Project Development Manager</b>	\$ 160.00			
<b>Project Manager</b>	\$ 160.00			