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To: Stephanie C. Kopelousos, County Manager

From: Dale R. Smith, P.E., Director of Engineering and
Public Works

Date: March 29, 2018

Subject: Driveway Culvert Maintenance

In 2009 as a budget saving measure the Board eliminated the county maintenance responsibility of driveways. This included the driveway surface and the drainage culvert. Most of the maintenance effort was repairing the surface condition of the driveways.

The following links were to the various Commission meetings that discussed the elimination of driveway maintenance.

October 19, 2009 Transportation and Infrastructure Committee

<http://clayfl.swagit.com/play/03192012-1075/>

Oct 27, 2009 Board Meeting

<http://clayfl.swagit.com/play/03192012-623/>

December 6, 2010 Transportation and Infrastructure Committee

<http://clayfl.swagit.com/play/03192012-1049>

The issue with not maintaining the driveway culverts is that as the culvert fails, the County's drainage systems also fails. On our dirt roads the culvert failures washout the dirt as the water builds up behind the failed culverts and then spills into the dirt road, washing out the road. Filling the washouts and re-grading the road over multiple times can cost more than the driveway replacement. On some of our paved roads the metal driveway culverts are so deteriorated that we cannot clean out the culverts with our Vac Con without destroying the culvert and then the driveway surface.

I have researched our records and determined that the County replaced 20 driveway culverts in 2009, the last year of the county responsibility. At today's cost the County would spend approximately \$110,000 for the culverts and surface repair.

It is requested the County Commission revisit its 2009 decision to eliminate driveway culvert maintenance and allow the Public works department to resume the maintenance. This request will require a change to the Land Development Code (see attached).