



2017 Annual Inspection Report



January 10, 2018

Mr. Joseph A. Berenis, P.E.
Deputy Executive Director
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, Florida 32807

Re: 2017 Annual Inspection Report

Dear Mr. Berenis:

In accordance with the requirements of Article V, Section 5.12 (C), of the Amended and Restated Master Bond Resolution, Dewberry is pleased to submit two (2) copies of the 2017 Annual Inspection Report. This report summarizes our observations based on a visual examination of the facilities that constitute the Central Florida Expressway Authority (CFX) system.

At the time the 2017 inspection was performed, portions of the CFX System were under construction and not inspected. Those portions are identified in the report.

Dewberry completed the System inspection from June –December 2017 and reports that the CFX system has been maintained in good repair, working order and condition. This observation was based on a general visual inspection of the roadway, walls, bridges, and facilities. Results of the inspections are presented in greater detail within this report.

Staff anticipates continuing improvements in all roadway features for these roadways in the coming year as a result of the routine maintenance program and special projects. The observations that were noted can be evaluated and appropriate action taken by the CFX Maintenance Department.

The latest bridge inspection reports have been transmitted from the Florida Department of Transportation (FDOT) to the CFX. No load limits or weight restrictions have been imposed by FDOT that would prevent any bridge on the CFX system from being used.

We have distributed copies of the report to the individuals listed below. Additional copies of the report are available should you need them.

We believe that this Annual Inspection Report continues to be an important tool in the identification of maintenance needs and planning asset management strategies. If you wish to discuss the report in more detail, please let us know.

Sincerely,



R. Keith Jackson, P.E.
Program Manager

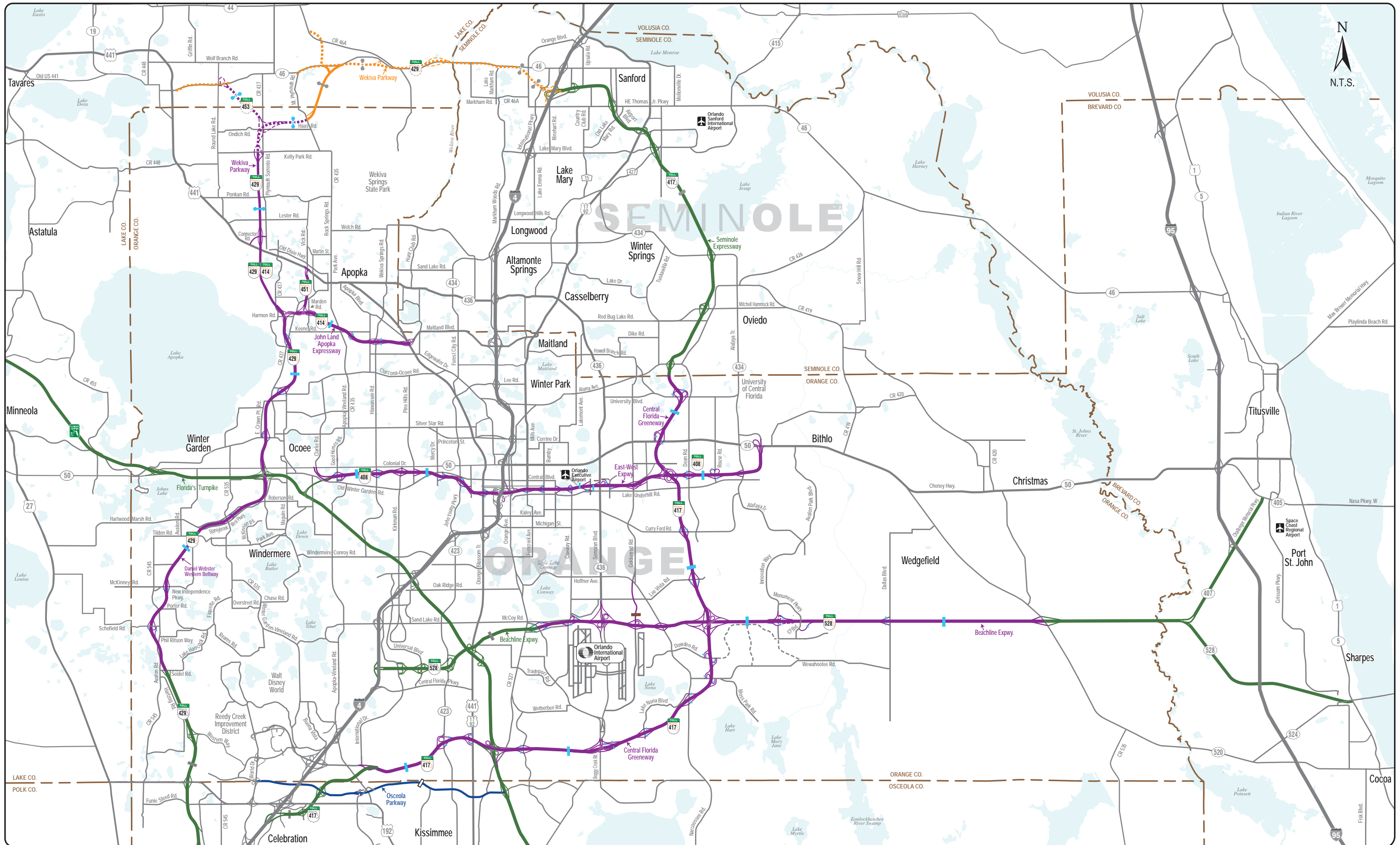
Attachments

cc: Don Budnovich (3 copies; includes copies for ICA & Jorgensen)
Mike Bakidis (1 copy)
Robert Glasemann (1 copy)
Steve Geiss (1 copy)
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Chris Bloodwell (1 copy)
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TABLE OF CONTENTS

GEC Letter	i
List of Figures	v
List of Tables.....	vi
Executive Summary	1
1.0 Introduction	2
1.1 Background	2
1.2 Inspection Process	2
1.3 System Description	3
1.3.1 SR 408 Spessard L. Holland East-West Expressway	3
1.3.2 SR 414 John Land Apopka Expressway.....	3
1.3.3 SR 417 Central Florida GreeneExpressway	3
1.3.4 SR 429 Daniel Webster Western Beltway/Wekiva Parkway.....	3
1.3.5 SR 451	3
1.3.6 SR 528 Martin B. Andersen Beachline Expressway	3
1.3.7 CFX Facilities/Buildings	4
1.4 CFX Maintenance Program	4
1.4.1 Roadway Maintenance Budget	5
1.4.2 Facilities Maintenance Budget	5
1.4.3 Systemwide Landscape Maintenance Budget	5
1.4.4 Maintenance Rating Program	5
1.4.5 Specialized Inspection	6
2.0 Inspection Findings	6
2.1 SR 408 Spessard L. Holland East-West Expressway Findings	6
2.1.1 SR 408 Spessard L. Holland East-West Expressway Roadway	6
2.1.2 SR 408 Spessard L. Holland East-West Expressway Bridges	6
2.1.3 SR 408 Spessard L. Holland East-West Expressway Walls and Fencing	7
2.1.4 SR 408 Spessard L. Holland East-West Expressway Facilities	7
2.2 SR 414 John Land Apopka Expressway Findings	7
2.2.1 SR 414 John Land Apopka Expressway Roadway	7
2.2.2 SR 414 John Land Apopka Expressway Bridges	8
2.2.3 SR 414 John Land Apopka Expressway Walls and Fencing	8
2.2.4 SR 414 John Land Apopka Expressway Facilities	8
2.3 SR 417 Central Florida GreeneWay Findings	9
2.3.1 SR 417 Central Florida GreeneWay Roadway	9

2.3.2	SR 417 Central Florida GreeneWay Bridges	9
2.3.3	SR 417 Central Florida GreeneWay Walls and Fencing	9
2.3.4	SR 417 Central Florida GreeneWay Facilities	9
2.4	SR 429 Daniel Webster Western Beltway/Wekiva Parkway Findings	10
2.4.1	SR 429 Daniel Webster Wester Beltway/Wekiva Parkway Roadway	10
2.4.2	SR 429 Daniel Webster Wester Beltway/Wekiva Parkway Bridges	10
2.4.3	SR 429 Daniel Webster Wester Beltway/Wekiva Parkway Walls and Fencing	10
2.4.4	SR 429 Daniel Webster Wester Beltway/Wekiva Parkway Facilities	10
2.5	SR 451	11
2.5.1	SR 451 Roadway	11
2.5.2	SR 451 Bridges	11
2.5.3	SR 451 Walls and Fencing	11
2.5.4	SR 451 Facilities	11
2.6	SR 528 Martin B. Andersen Beachline Expressway Findings	11
2.6.1	SR 528 Martin B. Andersen Beachline Expressway Roadway	11
2.6.2	SR 528 Martin B. Andersen Beachline Expressway Bridges	12
2.6.3	SR 528 Martin B. Andersen Beachline Expressway Walls and Fencing	12
2.6.4	SR 528 Martin B. Andersen Beachline Expressway Facilities	12
2.7	Non-System Facilities	13
2.7.1	Goldenrod Road Roadway	13
2.7.2	Goldenrod Road Walls and Fencing	13
2.7.3	Goldenrod Road Mainline Toll Plaza	13
3.0	Projects Completed Since FY 17 Inspection	13
3.1	Roadway	13
3.2	Facilities	13
4.0	Summary	14
Appendix 1: Bridge Ratings		
Appendix 2: SR 408		
Appendix 3: SR 414/SR 451		
Appendix 4: SR 417		
Appendix 5: SR 429		
Appendix 6: SR 528		
Appendix 7: Non-System Facilities		



CFX SYSTEM WIDE MAP

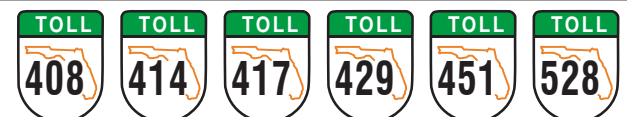
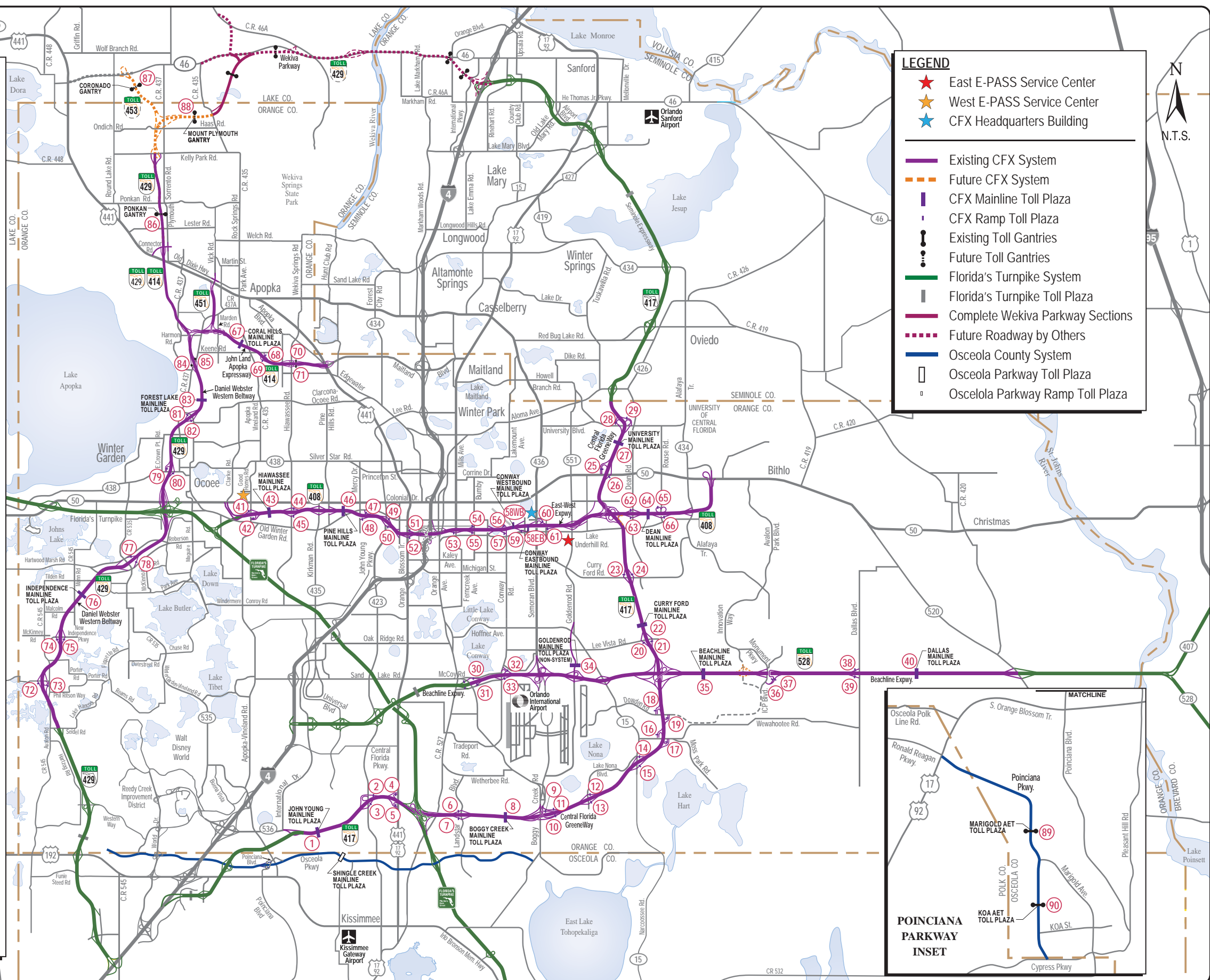


FIGURE
1

INDEX	PLAZA	INDEX	PLAZA
1	John Young Main Plaza	47	Old Winter Garden Ramp - Off
2	John Young Ramp - Off	48	Ortman/Mercy Drive Ramp - On
3	John Young Ramp - On	49	John Young Ramp - Off
4	US 441 Ramp - Off	50	John Young Ramp - On
5	US 441 Ramp - On	51	OBT Ramp - Off
6	Landstar Ramp - On	52	OBT Ramp - On
7	Landstar Ramp - Off	53	Mills Ramp - Off
8	Boggy Creek Main Plaza	54	Bumby Ramp - On
9	Boggy Creek Ramp - Off	55	Bumby Ramp - Off
10	Boggy Creek Ramp - On	56	Conway Ramp - On
11	South Access Ramp - Off	57	Conway Ramp - Off
12	Lake Nona Ramp - Off	58WB	Conway WB Main Plaza
13	Lake Nona Ramp - On	58EB	Conway EB Main Plaza
14	Narcoosse Ramp - Off	59	Andes Ave./Lake Underhill/SR 436 - Off
15	Narcoosse Ramp - On	60	Semoran Ramp - Off
16	Moss Park Ramp - Off	61	Yucatan Ramp - On
17	Moss Park Ramp - On	62	Dean Road Ramp - On
18	Innovation Way Ramp - Off	63	Dean Road Ramp - Off
19	Innovation Way Ramp - On	64	Dean Main Plaza
20	Lee Vista Ramp - On	65	Rouse Road Ramp - Off
21	Lee Vista Ramp - Off	66	Rouse Road Ramp - On
22	Curry Ford Main Plaza	67	Coral Hills Main Plaza
23	Curry Ford Ramp - Off	68	Keene Road Ramp - Off
24	Curry Ford Ramp - On	69	Keene Road Ramp - On
25	Colonial Ramp - On	70	Hiawassee Ramp - Off
26	Colonial Ramp - Off	71	Hiawassee Ramp - On
27	University Main Plaza	72	Schofield Ramp - On
28	University Ramp - Off	73	Schofield Ramp - Off
29	University Ramp - On	74	New Independence Ramp - On
30	McCoy Ramp - Off	75	New Independence Ramp - Off
31	Jetport Ramp - On	76	Independence Main Plaza
32	Conway Ramp - Off	77	CR 535 Ramp - Off
33	Tradeport Ramp - On	78	CR 535 Ramp - On
34	Goldenrod Main Plaza	79	SR 438 Ramp - On
35	Beachline Main Plaza	80	SR 438 Ramp - Off
36	ICP Ramp - Off	81	West Road Ramp - On
37	ICP Ramp - On	82	West Road Ramp - Off
38	Dallas Ramp - On	83	Forest Lake Main Plaza
39	Dallas Ramp - Off	84	CR 437A Ramp - Off
40	Dallas Main Plaza	85	CR 437A Ramp - On
41	Good Homes Ramp - On	86	Ponkan Gantry
42	Good Homes Ramp - Off	87	Coronado Gantry
43	Hiawassee Main Plaza	88	Mt. Plymouth Gantry
44	Hiawassee Ramp - Off	89	Marigold Gantry
45	Hiawassee Ramp - On	90	KOA Gantry
46	Pine Hills Main Plaza		



CENTRAL FLORIDA EXPRESSWAY TOLL FACILITIES

List of Figures



List of Figures

Figure 1: System Wide Map

Figure 2: System Wide Toll Facilities

Figure 3: Pavement marking degradation SR 408 near Pine Hills Mainline Plaza 6

Figure 4: Graffiti on SR 408 Good Homes Road Bridge 7

Figure 5: Overgrown ROW fence line SR 408 near Alafaya Trail 7

Figure 6: Drainage structure with vegetative obstruction at SR 414 Keene Road Pond 8

Figure 7: Obstructed bridge deck inlet SR 414 viaduct 8

Figure 8: Damaged ROW fence SR 414 viaduct pond 8

Figure 9: In-operable receptacle Coral Hill Mainline Plaza 8

Figure 10: SR 417/John Young Parkway roadside erosion 9

Figure 11: Graffiti at SR 417 Bridge over railroad.. 9

Figure 12: Missing ceiling tiles SR 417 University Ramp Plaza 10

Figure 13: Roadside erosion northbound SR 429 at Franklin Street 10

Figure 14: Barrier wall spalling SR 429 Forest Lake Mainline Plaza median 10

Figure 15: Damaged ceiling tiles SR 429 Forest Lake Mainline Plaza 11

Figure 16: Cracked drainage structure at SR 429 Pond 11

Figure 17: Faded pavement markings SR 528 adjacent to the airport 12

Figure 18: Raveling asphalt SR 528 Dallas Road Bridge 12

Figure 19: Minor duct repair needed SR 528 Dallas Boulevard On-Ramp Plaza 13

Figure 20: Depression along slope pavement at Goldenrod Mainline Plaza 13

List of Tables



List of Tables

Table 1: Three Point Scale 2

Executive Summary



2017 Annual Inspection Report
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Executive Summary

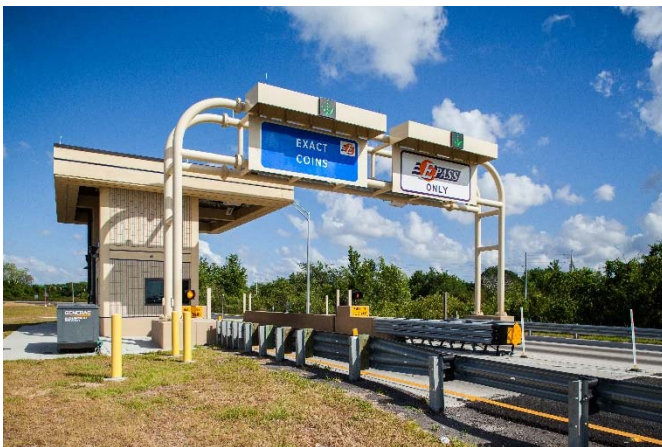
The 2017 inspection of the Central Florida Expressway Authority's (CFX) System, performed by Dewberry, CFX's General Engineering Consultant, included a visual inspection of the roadways, facilities, landscape, and bridges under CFX jurisdiction.

CFX's roadway system includes SR 408 (East-West Expressway), SR 414 (John Land Apopka Expressway), SR 417 (Central Florida GreeneWay), SR 429 (Daniel Webster Western Beltway), SR 451, and SR 528 (Beachline Expressway).

The CFX also operates the, Goldenrod Road Extension, a non-system two-mile tolled road with one mainline plaza.

The findings for the 2017 inspection concluded that the CFX roadway system has been maintained in good repair, working order, and condition.

It is recommended the Authority continue to implement the routine maintenance as budgeted and scoped, and to also continue to implement Renewal and Replacement projects as identified in the CFX's Five Year Work plan.



Report



2017 Annual Inspection Report
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

1.0 Introduction

1.1 BACKGROUND

Between July and December 2017, Dewberry, the Central Florida Expressway Authority's (CFX)

General Engineering Consultant, conducted the annual inspection of CFX's System as required by Article V, Section 5.12 (C) of the Amended and Restated Master Bond Resolution. These inspection provide a basis to plan funding levels needed to maintain assets for the Highway Maintenance Fund, Building Maintenance Fund, and Work Plan Renewal projects budgets for the ensuing fiscal year (FY).

1.2 INSPECTION PROCESS

The GEC Annual Inspection process assessed four main elements: roadway, bridges, walls, and buildings/facilities. The inspection process excluded any part of the system that was currently under construction at the time of observations.

The roadway portion of the inspection focused on observations of pavements, drainage structures, erosion issues, signing, striping, illumination, barriers, main line and ramp plaza gantries, and overall safety of each corridor. Wall inspections focused on observations of panels, joint, coping, flumes, inlets, rails, slope paving, visible underdrain pipes, sound walls, and adjacent elements. Buildings/facilities observations focused on the interior and exteriors of mainline plazas, ramp plazas, and CFX Administration and Operations Center.

Bridge and Sign Structures inspections are conducted by Certified Bridge and Structural Inspectors under a program administered by the Florida Department of Transportation (FDOT) and funded by CFX. Inspection results are published every two years on each bridge and sign structure. The bridge inspection process for the basis of this report addressed

items that could be visually observed based on FDOT bridge inspection reports.

Inspections involve a general visual examination of element features. The inspection results summarized in Section 2 reflect the condition of the feature(s) on the day the examination was performed. No detailed in-place or destructive testing was performed.

Items observed were recorded and rated using a three-point scale (Table 1):

Table 1	
Rating	Action
3	Routine Maintenance Needed.
2	Poor Condition but Operable.
1	Requires Immediate Attention.

Many of the observations noted have already been corrected as part of the CFX's Assets Management Contracts.

During the 2017 inspection process, the following major construction projects were underway:

- SR 408/417 Interchange
- SR 408/ I-4 Interchange (FDOT Project)
- SR 408 Widening Hiawassee Road to Good Homes Road
- SR 417 Milling and Resurfacing International Drive to Moss Park Road
- SR 408 Milling and Resurfacing, Lake Underhill Bridge to Yucatan Drive.
- SR 528/Innovation Way Interchange
- SR 528 Econlockhatchee River Bridge Replacement
- Wekiva Parkway US 441 north to SR 46 and east to Mt. Plymouth Road.

As a result some of these portions of the roadway were not inspected.

1.3 SYSTEM DESCRIPTION

The CFX's roadway system includes SR 408 (East-West Expressway) from Clarke Road to SR 50, SR 414 (John Land Apopka Expressway), SR 417 (Central Florida GreeneWay) from International Drive to the Orange / Seminole County line, SR 429 (Daniel Webster Western Beltway) from Seidel Road to Kelly Park Road, SR 451, and SR 528 (Beachline Expressway) from McCoy/Boggy Creek Road to SR 520 (Figure 1).

The system consists of 118 centerline miles of highway with 66 interchanges, 13 mainline toll plazas, 3 mainline gantries, 71 ramp toll plazas, 3 ramp gantries, and 335 bridges. CFX also operates a non-system, two-mile tolled expressway (Goldenrod Road Extension) with one mainline toll plaza. The inspection results for the Goldenrod Road Extension are included as non-system facility.

1.3.1 SR 408 Spessard L. Holland East-West Expressway

State Road 408 (Spessard L. Holland East-West Expressway) is a 22-mile toll road running east-west, connecting Ocoee from Florida's Turnpike in west Orange County to SR 50 (Colonial Drive) east of Alafaya Trail near the University of Central Florida in east Orange County.

1.3.2 SR 414 John Land Apopka Expressway

The first phase of State Road 414 (John Land Apopka Expressway) opened on May 15, 2009. SR 414 extends south and east from U.S. Highway 441 in Apopka to Maitland Boulevard. Of the nine miles, three are part of a dual route with State Road 429 (Daniel Webster Western Beltway).

1.3.3 SR 417 Central Florida GreeneWay

State Road 417 (Central Florida GreeneWay), a 55-mile toll road operated by CFX and Florida's Turnpike Enterprise. CFX operates the 33 miles of SR 417 in Orange County. Known as

the Central Florida GreeneWay, this stretch runs from SR 535/536 (International Drive) to SR 426 (Aloma Avenue) at the Orange-Seminole County line.

1.3.4 SR 429 Daniel Webster Western Beltway/Wekiva Parkway

State Road 429 (Daniel Webster Western Beltway) extends nearly 23 miles from U.S. Highway 441 in Apopka south to Seidel Road.

SR 429 becomes the Wekiva Parkway when it crosses U.S. Highway 441 in Apopka and currently ends at Kelly Park Road. The final link in the Central Florida Beltway, the parkway is being built in stages by CFX and Florida's Turnpike Enterprise, a division of the Florida Department of Transportation. The CFX's segment of the parkway is scheduled to be completed in 2018.

1.3.5 SR 451

Originally part of State Road 429 (Daniel Webster Western Beltway), SR 451 connects SR 414 (John Land Apopka Expressway) and SR 429 north to U.S. Highway 441 (SR 500/Orange Blossom Trail at Vick Road).

1.3.6 SR 528 Martin B. Andersen Beachline Expressway

State Road 528 (Martin B. Anderson Beachline Expressway) was the first road on the expressway system. The 41-mile expressway extends east from Interstate 4 across SR 417 (Central Florida GreeneWay) and Interstate 95, ending at U.S. Highway 1 in Cocoa.

The Beachline is owned and maintained by three agencies: CFX operates the 23 miles that extend from near U.S. Highway 441 to SR 520; Florida's Turnpike Enterprise operates the westernmost eight miles as the Beachline Expressway West; and the Florida Department of Transportation, District 5, operates the nine miles east of SR 520 to the Bennett Causeway at US 1.

1.3.7 CFX Facilities/Buildings

The CFX operates facilities in support of the safe and reliable operation of the system. These facilities include the mainline plazas, ramp plazas, and administration and operations center (Figure 2).

1.4 CFX MAINTENANCE PROGRAM

The Maintenance Department for the CFX is responsible for day to day routine maintenance for the System, certain System Renewal and Replacement projects, and facilities.

Maintenance Projects include repairs and maintenance, painting, renewals, replacements, improvements, and other projects necessary for the safe and efficient operation of the System and to prevent loss of revenue. These projects include such costs for engineering, equipment purchases/additions and replacements, maintenance expenses for roadway, bridge, buildings, walls, etc. not occurring at annual or shorter periods.

Utilizing outsourced resources to accomplish the requirements of routine maintenance, the CFX has created contracts to provide these services to improve efficiency and to be cost effective.

The CFX employs two contractors to perform asset maintenance management services for roadways and bridges. Roy Jorgensen Associates Inc. maintains SR 408, SR 417 and SR 528, while HDR/ICA maintains SR414, SR 429, and SR 451. Facilities are maintained by HDR/ICA. Each of these have a contract durations of five years with five renewal options of one year each.

Systemwide Landscape Maintenance is performed by two systemwide landscape maintenance contractors Commercial Companies, Inc. and Groundtek.

The Maintenance Department staff is supported by the General Engineering Consultant (GEC) Dewberry. As the GEC, Dewberry provides professional services in

support of Maintenance Department responsibilities, which include items such as:

- Annual independent inspection and report concerning system condition
- Systemwide specific maintenance problems resolution
- CFX Pavement Management Program support
- Systemwide sign inventory and engineering for maintenance and replacement of signs
- Asset management needs analysis
- Identification of appropriate maintenance and repair actions and cycles to minimize deteriorating conditions of CFX assets.
- Environmental Support

In addition the GEC, provides resources to support the CFX management and administration of engineering activities associate with major maintenance projects. The disciplines Dewberry utilizes as the GEC include: civil, structural, traffic, environmental, mechanical, electrical engineering, and architectural services.

As part of the report preparation process, Dewberry met with CFX's Director of Maintenance to discuss the major achievements of the past fiscal year (FY 2017) and the goals and objectives for the coming fiscal year (FY 2018).

The following are identified as major achievements during the past fiscal year (FY 2017):

- Continued a landscape maintenance program to keep the aesthetics of the system at the desired levels including the renovation of the SR 408 median.
- Continued a modified aquatic maintenance program to make stormwater ponds an aesthetic feature and part of the roadway landscape.

- Implemented the next phase of the systemwide signing upgrades and rehabilitation in compliance with Federal Highway Administration (FHWA) requirements.
- Performed pavement inspections that identified areas that were raveling and/or damaged and required maintenance. These inspections identified repairs needed to extend the pavement life in order to meet the planned and programmed milling and resurfacing schedules based on the Five Year Work Plan and the Pavement Management Program
- Identified generators and air conditioners at the toll plazas that have reached their expected useful life and need to be replaced versus those that need maintenance to extend their life and identified funding sources.
- Completed the second phase of air conditioner replacements.

CFX Maintenance Staff has identified the following goals and objectives for the coming fiscal year (FY 2018). These items involve activities associated with construction and maintenance of roadways, bridges, facilities, and landscape.

- Achieve a MRP score of at least 90.
- Continue to implement systemwide signing upgrades and rehabilitation.
- Continue the identification of projects that should be funded under the Renewal and Replacement budget.
- Continue the identification of projects that require routine maintenance and should be included in the maintenance budget.
- Maintain pavement striping at a high level of reflectivity by identifying areas in need of rehabilitation.
- Proceed with design for the next phases of the systemwide toll facility

generator and air conditioner replacement.

- Proceed with design for the next phases of the systemwide coatings upgrades.

1.4.1 Roadway Maintenance budget

CFX's fiscal year (FY) 2018 Roadway Maintenance Fund, is budgeted at \$16.3 million for maintenance administration, routine maintenance, landscape maintenance, and pond maintenance.

1.4.2 Facilities Maintenance Budget

CFX toll facilities as well as CFX's headquarters building have a CFX's facilities maintenance budget for FY 2018 is approximately \$2.06 million.

1.4.3 Systemwide Landscape Maintenance Budget

CFX's fiscal year (FY) 2018 Systemwide Landscape Maintenance Fund is budgeted at \$3.7 million for maintenance administration and routine maintenance.

1.4.4 Maintenance Rating Program

The CFX has instituted a Maintenance Rating Program (MRP) to evaluate the performance roadway and bridge maintenance contractors. The MRP monitors current operations and is used to identify recurring problems. The program allows for early identification of maintenance issues, increase accountability, and provides assurance that assets are being maintained at an adequate level.

Under the MRP, sample units for different asset groups (roads, bridges, and facilities) are randomly selected for the entire year. Inspections are conducted every two months on a portion of the sample units from each corridor. Individual characteristics are evaluated on Pass/Fail criteria. The resulting scores are weighted and combined for the asset groups. A total composite score is what is used to evaluate maintenance effectiveness.

1.4.5 Specialized Inspection

Inspections of the bridges on CFX's system are conducted by Certified Bridge Inspectors under a program administered by the FDOT and funded by CFX. Detailed Bridge Inspection Reports are prepared and filed every two years for each bridge.

The most current bridge ratings were received from FDOT in August 2017. The Performance Rating rates the condition of the bridge. It is auto-calculated and is based on the lowest rating for Deck, Superstructure and Substructure. For culverts, the rating is based on the Culvert Rating. The performance rating factors are as follows:

- 1 = Excellent
- 2 = Good
- 3 = Fair
- 4 (and above) = Poor

There are currently no bridge condition weight restrictions. See Appendix 1 for a summary of FDOT Bridge Ratings.

2.0 Inspection Findings

The inspection results summarized in this section reflect features that were rated two or higher. Features with a rating of one were immediately reported to CFX maintenance staff for immediate maintenance.

2.1 SR 408 SPESSARD L. HOLLAND EAST-WEST EXPRESSWAY FINDINGS RATING 2 OR 3.

See Appendix 2 for detailed inspection sheets, maps, and photos.

2.1.1 SR 408 Spessard L. Holland East-West Expressway Roadway

The majority of observations were located on the older sections of SR 408 from the west end at Clarke road to the I-4 interchange. The observations include guardrail damage, erosion, drainage structures, and pavement. Roadside erosion is prevalent from Clarke Road to Good Homes Road, and pond slope erosion present at the Good Home Road SR 408 Interchange.

Observations for pavement were observed at the Hiawassee Road, Kirkman Road, and Dean interchanges.

Notable pavement marking and striping observations throughout thy corridor included missing striping and faded markings.



Figure 3 Pavement marking peeling SR 408 near Pine Hills Mainline Plaza

2.1.2 SR 408 Spessard L. Holland East-West Expressway Bridges

Bridge observations included approach slab header damage, cracks in approach slab transitions, minor spalling on end bents, and graffiti.

Approach slab header damage was observed at Good Homes Road. Graffiti was observed on parapets and barrier wall at both Powers Drive and Good Homes Road.

Rusting connections for fencing and screening was observed at both Powers Drive and Good Homes Road.



Figure 4 Graffiti on SR 408 Good Homes Road Bridge

2.1.3 SR 408 Spessard L. Holland East-West Expressway Walls and Fencing

Notable wall and fence observations include coping damage, color fade, vegetation overgrown fence lines, and damaged or downed right of way fences.

Retaining walls with minor color fade and coping damage were observed at various locations throughout SR 408, including the SR 408 over Primrose Road Bridge.

Fencing observations for both ROW and retaining wall were noted at various locations including, Dean Road, SR 50/Colonial, Woodbury Road, and the Dean Road Mainline Plaza.



Figure 5 Overgrown ROW fence line SR 408 near Alafaya Trail

2.1.4 SR 408 Spessard L. Holland East-West Expressway Facilities

The SR 408 consists of five Mainline Toll Plazas (Hiawasse, Pine Hills, Conway West, Conway East, and Dean), and twenty three ramp plazas.

The facilities along SR 408 are generally in good condition.

Observations for various features in the facilities along SR 408 were typically for wiring, switchboards and breakers, receptacles, ceiling tiles and vents, duct work, and flooring.

Individual summaries of facilities along SR 408 are indicated in the Annual Facilities Inspection Reports included in this document.

2.2 SR 414 JOHN LAND APOPKA EXPRESSWAY FINDINGS RATING 2 OR 3.

See Appendix 3 for detailed inspection sheets, maps, and photos.

2.2.1 SR 414 John Land Apopka Expressway Roadway

Roadway observations included erosion, drainage structures, and striping and pavement markings.

Roadside erosion was observed at the Harmon Road bridge, Keene Road off-ramp, Overland Road Pond, and the US 441 loop ramp.

Various drainage structures with varying degrees of obstruction were observed along SR 414 including the pond behind the Coral Hills Mainline Toll Plaza and on the viaduct over Overland/CSX Railroad.

Missing and deteriorated pavement markings were observed throughout the roadway without a concentration in any specific area.



Figure 6 Drainage structure with vegetative obstruction at SR 414 Keene Road Pond

2.2.2 SR 414 John Land Apopka Expressway Bridges

Bridge observations included spalled delaminated abutment joints, undermining at adjacent sidewalks, clogged drainage inlets, and missing/ disconnected pier downspouts

Abutment joint observations and undermining were seen at Marden Road.

Missing/disconnected downspouts were observed at the Viaduct Pier No.2 and Pier No. 5. Both areas have caused significant washout at pond area and fence line below.



Figure 7 Obstructed bridge deck inlet SR 414 viaduct

2.2.3 SR 414 John Land Apopka Expressway Walls and Fencing

Notable fence observations included inoperable gates under the Viaduct, damaged and or

vegetation covered ROW fence along the corridor.



Figure 8 Damaged ROW fence SR 414 viaduct pond

2.2.4 SR 414 John Land Apopka Expressway Facilities

The SR 414 consists of one Mainline Toll Plaza (Coral Hills), and five ramp plazas.

The facilities along SR 414 are generally in good condition.

Observations for various features in the facilities along SR 414 were typically for wiring, switchboards and breakers, receptacles, duct work, ceiling tiles, vents, and flooring.

Individual summaries of facilities along SR 414 are indicated in the Annual Facilities Inspection Reports included in this document.



Figure 9 In-operable receptacle Coral Hill Mainline Plaza

2.3 SR 417 CENTRAL FLORIDA GREENEWAY FINDINGS RATING 2 OR 3.

See Appendix 4 for detailed inspection sheets, maps, and photos.

2.3.1 SR 417 Central Florida GreeneWay Roadway

Roadway observations included pavement edge ravel, drainage structure obstructions both sediment and vegetation, and roadside erosion.

Pavement edge ravel observed in various locations from International Drive to Landstar Road and then again from the Boggy Creek Mainline Toll Plaza to the SR 417/Boggy Creek Interchange.

Drainage structure obstructions and roadside erosion were observed at various locations throughout the roadway without any concentration in any specific area.



Figure 10 SR 417/John Young Parkway roadside erosion

2.3.2 SR 417 Central Florida GreeneWay Bridges

Bridge observations included graffiti, intermittent spalling, and deteriorating slope pavement and slope pavement joints.

Graffiti and intermittent spalling was identified on the wall and deck of the bridge over the railroad.

Deteriorating slope pavement and slope pavements joints were observed at the bridge over Orange Avenue.



Figure 11 Graffiti at SR 417 bridge over railroad

2.3.3 SR 417 Central Florida GreeneWay Walls and Fencing

In general SR 417 walls are in good standing with no noticeable issues.

Fencing observations for both ROW and retaining wall were noted at various locations including vegetation overgrown fence lines, and damaged or downed right of way fencings.

2.3.4 SR 417 Central Florida Greeneway Facilities

The SR 417 consists of four Mainline Toll Plazas (John Young, Boggy Creek, Curry Ford, and University), and twenty five ramp plazas.

The facilities along SR 417 are generally in good condition.

Observations for various features in the facilities along SR 417 were typically for wiring, switchboards and breakers, receptacles, duct work, ceiling tiles, vents, and flooring.

Individual summaries of facilities along SR 417 are indicated in the Annual Facilities Inspection Reports included in this document.



Figure 12 Missing ceiling tiles SR 417 University Ramp Plaza

2.4 SR 429 DANIEL WEBSTER WESTERN BELTWAY/WEKIVA PARKWAY FINDINGS RATING 2 OR 3.

SR 429 inspection limits were from the south end of the CFX's jurisdiction north to SR 429 Connector Road. See Appendix 5 for detailed inspection sheets, maps, and photos.

2.4.1 SR 429 Daniel Webster Western Beltway/Wekiva Parkway Roadway

SR 429 roadway observations included roadside erosion and drainage structure obstructions.

Roadside erosion was observed on slopes and swales in various locations on the roadway with the heaviest concentration from Schofield to Tiny Road.



Figure 13 Roadside erosion northbound SR 429 at Franklin Street

Drainage structure obstructions and roadside erosion were observed at various locations throughout the roadway without any concentration in any specific area.

2.4.2 SR 429 Daniel Webster Western Beltway/Wekiva Parkway Bridges

Bridge observations were minimal with a small amount of asphalt ravel at the approach slab at Warrior Road, and missing reflectors on the barrier wall at McCormick Road.

2.4.3 SR 429 Daniel Webster Western Beltway/Wekiva Parkway Walls and Fencing

Notable wall and fence observations include, spalling and minor cracking, vegetation overgrown fence lines, and damaged or downed right of way fenceings.

Barrier wall spalling and minor cracking was observed on the median barrier walls at the Forest Lake Mainline Plaza.



Figure 14 Barrier wall spalling SR 429 Forest Lake Mainline Plaza median

Fencing observations for both ROW and retaining wall were noted at various locations including vegetation overgrown fence lines, and damaged or downed right of way fenceings.

2.4.4 SR 429 Daniel Webster Western Beltway/Wekiva Parkway Facilities

SR 429, as it pertains to the Daniel Webster Western Beltway, consists of two Mainline Toll

Plazas (Independence and Forest Lake), and twelve ramp plazas.

The facilities along SR 429 are generally in good condition.

Observations for various features in the facilities along SR 429 were typically for wiring, switchboards and breakers, receptacles, duct work, ceiling tiles, vents, and flooring.



Figure 15 Damaged ceiling tiles SR 429 Forest Lake Mainline Plaza

Individual summaries of facilities along SR 429 are indicated in the Annual Facilities Inspection Reports included in this document.

2.5 SR 451 FINDINGS RATING 2 OR 3.

See Appendix 3 for detailed inspection sheets, maps, and photos.

2.5.1 SR 451 Roadway

SR 451 roadway observations consisted of drainage structure with moderate spalling and minor cracking.

Drainage structure observations were concentrated from Ocoee Apopka Road to Marshall Lake Road.



Figure 16 Cracked drainage structure at SR 429 Pond

2.5.2 SR 451 Bridges

No observations were noted on SR 451 bridges.

2.5.3 SR 451 Walls and Fencing

No observations were noted on SR 451 walls and fencing.

2.5.4 SR 451 Facilities

There are no facilities located on SR 451.

2.6 SR 528 MARTIN B. ANDERSEN BEACHLINE EXPRESSWAY FINDINGS RATING 2 OR 3.

See Appendix 6 for detailed inspection sheets, maps, and photos.

2.6.1 SR 528 Martin B. Andersen Beachline Expressway Roadway

SR 528 roadway observations included faded pavement markings, bank erosion around drainage structures, drainage structure obstructions both vegetative and sediments, and general roadside erosion.

Faded pavement markings were observed throughout the 528 with the most concentrated area at SR 520 to Dallas Boulevard.



Figure 17 Faded pavement markings SR 528 adjacent to the airport

Drainage structure obstructions and erosion were observed at various locations throughout the roadway with concentrated areas at the SR 436 interchange and from SR 520 to Dallas Boulevard.

2.6.2 SR 528 Martin B. Andersen Beachline Expressway Bridges

Bridge observations included spalling and delamination at abutment, raveling asphalt, unsealed transverse cracks transverse cracks at both approach roadway to approach slab transitions, missing reflectors, and gaps at wing wall and slope pavement.

Minor spalling and delamination was identified at abutment one on the Dallas Road bridge.

Raveling asphalt and unsealed transvers cracks were observed on the Dallas Road bridge, with the raveling asphalt occurring in lanes one and two.

Missing reflectors were observed at the Farm Road access bridge. Guardrail and barrier wall impact damage was observed at the northbound SR 436 bridge.

Slope pavement erosion was observed at Ramp M of the SR 436/SR 528 interchange and the Dallas Road bridge.



Figure 18 Raveling asphalt SR 528 Dallas Road Bridge

2.6.3 SR 528 Martin B. Andersen Beachline Expressway Walls and Fencing

No observations were noted on SR 528 walls and fencing.

2.6.4 SR 528 Martin B. Andersen Beachline Expressway Facilities

The SR 528 consists of two Mainline Toll Plazas (Beachline and Dallas), and eight ramp plazas.

The facilities along SR 528 are generally in good condition.

Observations for various features in the facilities along SR 528 were typically for wiring, switchboards and breakers, receptacles, duct work, ceiling tiles, vents, and flooring.



Figure 19 Minor duct repair needed SR 528 Dallas Boulevard On-Ramp Plaza

Individual summaries of facilities along SR 528 are indicated in the Annual Facilities Inspection Reports included in this document.

2.7 NON-SYSTEM FACILITIES

See Appendix 7 for detailed inspection sheets, maps, and photos.

2.7.1 Goldenrod Road Extension

Goldenrod Road roadway observations included faded pavement markings, depressions in miscellaneous asphalt, and general roadside erosion.

Faded pavement markings were observed throughout the Goldenrod Road with the most concentrated area at the Mainline Toll Plaza.

A large depression/hole was observed in the miscellaneous asphalt against the guardrail along slope pavement just northbound, just south of the Goldenrod Mainline Plaza.

2.7.2 Goldenrod Road Walls and Fencing

No observations were noted on Goldenrod Road walls and fencing.

2.7.3 Goldenrod Mainline Toll Plaza

The Goldenrod Road facility is generally in good condition.



Figure 20 Depression along slope pavement at Goldenrod Mainline Plaza

3.0 Projects Completed Since 2016 Inspection

Listed below are Renewal and Replacement Projects completed since the 2016 Annual Inspection.

3.1 ROADWAY

- SR 417 Post Interchange Distance Sign Improvements.
- SR 417 Milling and Resurfacing International Drive to Moss Park Road.
- SR 408 and SR 417 Plazas Generator Replacements.
- Systemwide E-Pass Signage Improvements
- SR 408 Landscape Improvements SR 436 to Chickasaw Trail
- SR 408 Hiawassee Backup Data Center
- SR 408 Trailblazer Upgrades Phase II

3.2 FACILITIES

- CFX HQ Parking Lot Lighting and Resurfacing.

- CFX Administration and Operations Center Second Floor Renovations.
- CFX Administration and Operations Center Computer Room HVAC and UPS Upgrades
- Systemwide Replacement of Retro-Reflective Pavement markers

4.0 Summary

Overall, the System has been maintained in good repair, working order, and condition. The

overall condition of the System shows the CFX's commitment to funding, maintaining, and operating a safe mobility network.

The CFX reported an overall MRP score of 92. There are currently 309 bridge structures on the CFX system with a rating of "excellent or good" for a Bridge Condition Rating of 98.7%.

Continued routine maintenance and implementation of Renewal and Replacement Projects will ensure the CFX continues to provide the region with a world-class integrated mobility network.

Appendix 1: Bridge Ratings



Central Florida Expressway Authority Bridge Ratings

Summary Key

Deck Rating, Superstructure Rating, Substructure Rating

- N** Not Applicable
- 9** Excellent Condition
- 8** Very Good Condition
- 7** Good Condition
- 6** Satisfactory Condition
- 5** Fair Condition
- 4** Poor Condition
- 3** Serious Condition
- 2** Critical Condition
- 1** "Imminent" Failure
- 0** Failed

Channel Rating

- N** Not Applicable
- 9** Excellent Condition
- 8** Very Good Condition
- 7** Good Condition
- 6** Satisfactory Condition
- 5** Fair Condition
- 4** Poor Condition
- 3** Serious Condition
- 2** Critical Condition
- 1** "Imminent" Failure
- 0** Failed

Culvert Rating

- N** Not Applicable
- 9** No Deficiencies
- 8** No Noticeable Deficiencies
- 7** Minor Deficiencies
- 6** Deterioration
- 5** Moderate to Major Deterioration
- 4** Large Spalls, Heavy Scaling, Wide Cracks
- 3** Excessive Large Spalls, Heavy Scaling, Wide Cracks
- 2** Corrective Action Required to Maintain Traffic
- 1** Bridge Closed
- 0** Replacement Necessary

Structure Evaluation

- N** Not Applicable
- 9** Superior to preset desirable criteria
- 8** Equal to present desirable criteria
- 7** Better than present minimum criteria
- 6** Equal to present minimum criteria
- 5** Somewhat better than minimum adequacy
- 4** Meets minimum tolerable limits to be left in place
- 3** Basically intolerable requiring high priority of corrective action
- 2** Basically intolerable requiring high priority of replacement
- 1** Not used
- 0** Bridge Closed

Structure Rating

- 1** Excellent
- 2** Good
- 3** Fair
- 4** (and above) Poor

Central Florida Expressway Authority Bridge Ratings Summary
by Florida Department of Transportation
District 5

Bridge Number	Facility	Deck Rating	Superstructure Rating	Substructure Rating	Channel Rating	Culvert Rating	Structure Evaluation	Structure Rating
110603	SR-429 (Wekiva Pkw)	8	8	8	N	N	8	1
110604	SR-429 SB	8	8	8	N	N	8	1
750055	SR-528	N	N	N	6	7	7	2
750056	SR-528	6	7	6	N	N	6	2
750057	SR-528 WB	7	7	5	5	N	6	3
750058	SR-528	6	7	7	N	N	7	2
750059	SR-528 WB	6	7	7	N	N	7	2
750100	SR-408 WB	7	7	7	N	N	7	2
750102	SR-408 WB	7	7	7	N	N	7	2
750103	SR-408 WB	7	7	7	N	N	7	2
750104	SR-408 WB	7	7	7	N	N	7	2
750106	SR-408	7	7	7	N	N	7	2
750107	SR-408 WB	7	7	7	N	N	7	2
750108	SR-408 WB	7	7	7	N	N	7	2
750112	SR-408 Exit Ramp	7	7	7	N	N	7	2
750114	SR-408	6	7	7	7	N	7	2
750116	SR-408 WB	7	7	7	N	N	7	2
750119	SR-408 WB	7	7	7	N	N	7	2
750120	SR-408	7	7	7	N	N	7	2
750121	SR-408 WB	7	7	7	8	N	7	2
750123	SR-408 WB	7	7	7	N	N	7	2
750124	SR-408 WB	7	7	7	N	N	7	2
750126	SR-408 WB	7	7	7	N	N	7	2
750128	SR-408 WB	7	7	7	N	N	7	2
750129	SR-408	7	7	7	N	N	7	2
750130	I-4 Con. to SR-408	7	7	7	N	N	7	2
750137	I-4 Connector	7	7	7	N	N	7	2
750138	I-4 Connector	7	7	7	N	N	7	2
750179	SR-528	6	7	7	N	N	7	2
750182	SR-408 EB	7	7	7	N	N	7	2
750183	SR-408	6	7	7	9	N	7	2
750184	SR-408	7	7	7	N	N	7	2
750185	SR-408 EB	7	7	7	N	N	7	2
750186	SR-408 EB	7	7	7	N	N	7	2
750212	SR-528	7	7	5	5	N	6	3
750213	SR-528	7	7	7	N	N	7	2
750214	SR-528	7	7	7	N	N	7	2
750220	SR-408 EB	7	7	7	N	N	7	2
750231	SR-408 EB	7	7	7	N	N	7	2
750232	SR-408	7	7	7	N	N	7	2
750233	SR-408 EB	7	7	7	N	N	7	2
750234	SR-408 EB	7	7	7	N	N	7	2
750235	SR-408	7	7	7	N	N	7	2
750236	SR-408 EB	7	7	7	N	N	7	2

Central Florida Expressway Authority Bridge Ratings Summary
by Florida Department of Transportation
District 5

750237	SR-408 EB	7	7	7	N	N	7	2
750238	SR-408	7	7	7	N	N	7	2
750239	SR-408	7	7	7	N	N	7	2
750240	SR-408	7	7	7	N	N	7	2
750241	SR-408	7	7	7	N	N	7	2
750242	SR-408	7	7	7	N	N	4	2
750243	SR-408	7	7	7	N	N	7	2
750244	SR-408	7	7	7	N	N	4	2
750245	SR-408	7	7	7	N	N	6	2
750246	SR-408 EB	7	7	7	N	N	7	2
750247	SR-408 EB	7	7	7	7	N	7	2
750248	SR-408 EB	7	7	7	N	N	7	2
750249	SR-408 EB	7	7	7	N	N	7	2
750251	SR-408 WB	7	7	7	N	N	7	2
750252	SR-408 EB	7	7	7	N	N	7	2
750253	SR-408	7	7	7	N	N	7	2
750300	SR-528	N	N	N	7	6	6	2
750315	SR-436	5	7	7	N	N	7	3
750316	SR-436	5	7	7	N	N	7	3
750317	SR-436 NB	6	7	7	N	N	7	2
750318	SR-528	8	7	7	N	N	7	2
750319	SR-528	8	7	7	N	N	7	2
750320	SR-528	9	7	7	N	N	7	2
750330	SR-528	N	N	N	7	6	6	2
750332	SR-528	7	7	7	N	N	7	2
750333	SR-528	6	7	7	N	N	7	2
750337	Chickasaw Trail	7	7	8	N	N	7	2
750342	SR-417 NB	7	7	7	N	N	7	2
750343	SR-417 SB	7	7	7	N	N	7	2
750344	SR-417 SB	7	7	7	7	N	7	2
750345	SR-417 NB	7	7	7	8	N	7	2
750346	Trevarthon Rd.	7	7	7	N	N	7	2
750347	Econlockhatcee Trl	7	8	8	N	N	8	2
750348	SR-417	7	7	7	N	N	7	2
750349	SR-417 NB	7	7	7	N	N	7	2
750350	SR-417 SB	7	7	7	N	N	7	2
750351	SR-417 NB	7	7	7	N	N	7	2
750352	SR-408 Ramp AR-2	7	8	7	N	N	7	2
750353	SR-408 Ramp AR-1	7	7	7	N	N	7	2
750354	SR-417 SB	7	7	7	N	N	7	2
750355	SR-417 NB	7	7	7	N	N	7	2
750356	Econlockhatchee Tr	7	7	7	N	N	7	2
750357	SR-408 WB	7	8	8	7	N	8	2
750358	SR-408 EB	7	7	7	7	N	7	2
750359	Dean Road	7	7	7	N	N	7	2
750360	SR-408 WB	7	7	7	N	N	7	2

Central Florida Expressway Authority Bridge Ratings Summary
by Florida Department of Transportation
District 5

750361	SR-408 EB	7	7	7	N	N	7	2
750362	SR-408 WB	7	7	7	N	N	7	2
750363	SR-408 EB	8	7	7	N	N	7	2
750364	Woodbury Road	7	7	7	N	N	7	2
750365	SR-408 WB	7	8	8	N	N	8	2
750366	SR-408 EB	7	7	7	N	N	7	2
750369	SR-408 EB	8	8	8	N	N	8	1
750370	SR-408 WB	8	8	8	N	N	8	1
750373	SR-417 Ramp SB	7	7	7	N	N	7	2
750374	SR-417 NB Ramp	7	7	7	N	N	7	2
750375	SR-417 SB	7	7	7	N	N	7	2
750376	SR-417 NB	7	7	7	N	N	7	2
750377	SR-417	N	N	N	7	6	6	2
750378	SR-417 SB	7	7	7	N	N	7	2
750379	SR-417 NB	8	7	7	N	N	7	2
750380	SR-417 SB	7	8	7	N	N	7	2
750381	SR-417 NB	8	8	8	N	N	8	1
750382	SR-417 SB	7	7	7	N	N	7	2
750383	SR-417 NB	8	8	8	N	N	8	1
750384	SR-417 SB	7	7	8	N	N	7	2
750385	SR-417 NB	7	7	7	N	N	7	2
750390	SR-408 EB Ramp	8	7	8	N	N	7	2
750391	SR-408 WB Ramp	7	7	7	N	N	7	2
750392	Good Homes Road	7	7	7	N	N	7	2
750393	SR-408 WB	7	7	7	7	N	7	2
750394	SR-408 EB	7	7	7	7	N	7	2
750395	Dorscher Road	7	8	7	N	N	7	2
750396	SR-408 WB	7	7	7	N	N	5	2
750397	SR-408	7	7	7	N	N	5	2
750398	Powers Drive	7	6	8	N	N	6	2
750399	Paul Street	7	7	8	N	N	7	2
750406	SR-429 SB	7	8	7	N	N	7	2
750407	SR-429 NB	7	8	7	N	N	7	2
750408	SR-429 Ramp L	7	8	7	N	N	7	2
750409	SR-429 SB	7	8	7	N	N	7	2
750410	SR-429 NB	7	7	7	N	N	7	2
750411	Ramp A-NB Exit Ram	7	8	7	N	N	7	2
750412	SR-429 SB	8	8	8	N	N	8	1
750413	SR-429 NB	8	7	8	N	N	7	2
750414	SR-429 SB	8	7	7	N	N	7	2
750415	SR-429 NB	7	8	7	N	N	7	2
750416	SR-429 SB	8	8	8	7	N	8	1
750417	SR-429 NB	8	8	8	7	N	8	1
750418	SR-429 SB	8	8	8	N	N	8	1
750419	SR-429 NB	8	8	8	N	N	8	1
750420	SR-429 SB	7	8	8	N	N	8	2

Central Florida Expressway Authority Bridge Ratings Summary
by Florida Department of Transportation
District 5

750421	SR-429 NB	8	8	8	N	N	8	1
750422	West Road	8	7	8	N	N	7	2
750423	West Road	8	8	8	N	N	8	1
750424	SR-417 NB	7	7	8	N	N	7	2
750425	SR-417 SB	7	7	8	N	N	7	2
750426	SR-417 SB	7	7	7	7	N	7	2
750427	SR-417 NB	7	7	7	7	N	7	2
750428	SR-417 SB	7	7	8	N	N	7	2
750429	SR-417 NB	7	7	8	N	N	7	2
750430	SR-417 SB	7	8	7	N	N	7	2
750431	SR-417 NB	7	7	7	N	N	7	2
750432	SR-417 Off Ramp	7	7	7	N	N	7	2
750433	SR-417 SB	7	7	8	N	N	7	2
750434	SR-417 NB	7	8	8	N	N	8	2
750435	SR-417 SB Off Ramp	7	8	8	N	N	8	2
750436	SR-417 SB	8	7	7	N	N	7	2
750437	SR-417 NB	7	7	7	N	N	7	2
750438	SR-417 SB	7	8	7	N	N	7	2
750439	SR-417 NB	7	8	7	N	N	7	2
750440	SR-417 SB	7	7	6	N	N	6	2
750441	SR-417 NB	7	7	7	N	N	7	2
750442	SR-417 SB	7	7	7	N	N	7	2
750443	SR-417 NB	7	7	7	N	N	7	2
750444	SR-417 NB Off Ramp	8	7	7	N	N	7	2
750445	SR-417 SB	7	7	7	N	N	7	2
750446	SR-417 NB	7	7	7	N	N	7	2
750447	SR-417 SB	7	7	7	N	N	7	2
750448	SR-417 NB	7	7	8	N	N	7	2
750449	SR-417 SB Ramp	7	8	7	7	N	7	2
750450	SR-417	7	7	7	7	N	7	2
750451	SR-417	7	7	7	7	N	7	2
750452	SR-417 Off Ramp	7	8	7	7	N	7	2
750453	SR-417	7	7	7	N	N	7	2
750454	SR-417	7	7	7	N	N	7	2
750457	SR-417	8	8	7	N	N	7	2
750458	SR-417	8	8	7	N	N	7	2
750459	SR-417 SB	6	7	7	N	N	7	2
750460	SR-417	6	7	7	N	N	7	2
750461	SR-417 NB	8	7	7	N	N	7	2
750462	SR-417 SB	7	7	7	N	N	7	2
750463	SR-417 SB	7	8	7	N	N	7	2
750464	SR-417 NB	8	7	7	N	N	7	2
750465	SR-417	7	7	7	N	N	7	2
750466	SR-417	7	7	7	N	N	7	2
750467	SR-417	7	7	8	N	N	7	2
750468	SR-417	7	7	7	N	N	7	2

Central Florida Expressway Authority Bridge Ratings Summary
by Florida Department of Transportation
District 5

750469	SR-417 NB Off Ramp	7	8	8	N	N	8	2
750470	SR-417 Ramp C	7	7	7	N	N	6	2
750471	Ramp To SR-528 WB	7	7	7	N	N	7	2
750472	SR-417	7	7	8	N	N	7	2
750473	SR-417	7	7	8	N	N	7	2
750480	SR-417	N	N	N	6	7	7	2
750481	SR-417	N	N	N	7	7	7	2
750492	SR-429 SB	8	8	8	N	N	8	1
750493	SR-429 NB	8	8	8	N	N	8	1
750494	SR-429 SB	8	8	7	N	N	7	2
750495	SR-429 NB	8	8	7	N	N	7	2
750496	SR-429 SB	7	8	7	N	N	7	2
750497	SR-429 NB	8	8	7	N	N	7	2
750502	SR-451 SB	8	8	8	N	N	8	1
750503	SR-451 NB	8	8	8	N	N	8	1
750504	Johns Road	8	8	8	N	N	8	1
750505	SR-451 SB	8	8	8	N	N	8	1
750506	SR-451 NB	8	8	8	N	N	8	1
750507	SR-451 SB	8	8	8	N	N	8	1
750508	SR-451	8	8	8	N	N	8	1
750509	Ramp C	8	8	7	N	N	7	2
750512	Goldenrod Rd.	7	7	7	N	N	7	2
750520	SR-429 SB	8	8	8	N	N	7	1
750521	SR-429 NB	8	8	8	N	N	7	1
750522	SR-429 SB	8	8	8	N	N	8	1
750523	SR-429 NB	8	8	8	N	N	8	1
750524	SR-429 SB	8	8	8	N	N	8	1
750525	SR-429 NB	8	8	8	N	N	8	1
750526	SR-429 SB	8	8	8	N	N	8	1
750527	SR-429 NB	8	8	8	N	N	8	1
750528	SR-429 SB	8	8	8	N	N	8	1
750529	SR-429 NB	8	8	8	N	N	8	1
750530	Malcolm Rd.	8	7	8	N	N	7	2
750531	SR-429 SB	8	8	8	N	N	8	1
750532	SR-429 NB	8	8	8	N	N	8	1
750533	SR-429 SB	8	8	7	N	N	7	2
750534	SR-429 NB	8	8	7	N	N	7	2
750535	SR-429 SB	8	8	8	N	N	8	1
750536	SR-429 NB	8	8	7	N	N	7	2
750537	SR-429 SB	8	8	8	N	N	8	1
750538	SR-429 NB	8	8	8	N	N	8	1
750539	SR-429 SB	8	7	8	N	N	7	2
750540	SR-429 NB	8	7	8	N	N	7	2
750541	SR-429 SB	8	8	8	N	N	8	1
750542	SR-429 NB	8	8	8	N	N	8	1

Central Florida Expressway Authority Bridge Ratings Summary
by Florida Department of Transportation
District 5

750543	SR-429 SB	8	7	7	N	N	7	2
750544	SR-429 NB	8	8	8	N	N	8	1
750547	SR-429 SB	8	8	8	N	N	8	1
750548	SR-429 NB	8	8	8	N	N	8	1
750549	SR-429 SB	7	8	8	N	N	8	2
750550	SR-429 NB	7	8	8	N	N	8	2
750553	SR-429 SB	7	7	8	8	N	7	2
750554	SR-429 NB	7	8	7	6	N	7	2
750557	NB C-D Road Ramp	8	7	7	N	N	5	2
750567	New Independence Pkwy	8	7	8	N	N	7	2
750569	SR-408 EB Ramp C	7	7	8	N	N	7	2
750570	SR-408WB to I-4EB	7	8	8	N	N	8	2
750571	SR-408WB to I-4EB	7	8	8	N	N	8	2
750576	SR-417 NB Ramp B1	8	8	8	N	N	8	1
750579	Lake Underhill Dr.	8	8	8	N	N	8	1
750580	SR-408 EB	8	8	8	N	N	8	1
750581	SR-408	8	8	8	N	N	8	1
750589	Conway Rd Ramp	8	8	8	N	N	8	1
750701	SR-408 WB	7	8	8	N	N	8	2
750703	SR-414	8	8	8	N	N	8	1
750704	SR-414	8	8	8	N	N	8	1
750705	SR-414	8	8	8	N	N	8	1
750706	SR-414	8	8	8	N	N	8	1
750707	SR-414	7	7	7	8	N	7	2
750708	SR-414	8	8	8	N	N	8	1
750709	SR-414	8	8	8	N	N	8	1
750710	SR-44 WB Ramp	8	8	8	N	N	8	1
750711	SR-414 EB Ramp	8	8	8	N	N	8	1
750712	SR-414	8	8	8	N	N	8	1
750714	SR-429 SB	8	8	8	N	N	8	1
750715	SR-429 NB	8	8	8	N	N	8	1
750716	SR-429 SB	8	8	8	N	N	8	1
750717	SR-429 NB	8	8	8	N	N	8	1
750718	SR-414 Ramp CA	8	8	8	N	N	8	1
750719	SR-429 NB Ramp BF	8	8	8	N	N	8	1
750720	SR-414 WB	8	7	8	N	N	7	2
750721	SR-414 EB	8	8	8	N	N	8	1
750722	SR-429 NB Ramp EG	8	8	8	N	N	8	1
750723	SR-451 NB Ramp	8	7	8	N	N	7	2
750724	Maitland Blvd Ext.	8	8	8	N	N	8	1
750725	Marden Rd	7	7	7	N	N	7	2
750726	SR-414	7	7	7	N	N	7	2
750727	SR-414	8	8	8	N	N	8	1
750728	SR-414 Ramp CA	8	8	8	N	N	8	1
750729	Ramp K	8	8	8	N	N	7	1
750730	Ramp K	7	8	8	N	N	8	2

Central Florida Expressway Authority Bridge Ratings Summary
by Florida Department of Transportation
District 5

750731	CR-437 Binion Road	8	8	8	N	N	8	1
750732	SR-429 SB	8	8	8	N	N	8	1
750733	SR-429 NB	8	8	8	N	N	8	1
750734	SR-429 SB	8	8	8	N	N	8	1
750735	SR-429 NB	8	8	8	N	N	8	1
750736	SR-429 Viaduct SB	8	8	8	N	N	8	1
750737	SR-429 NB	8	8	8	N	N	8	1
750738	SR-429 SB	9	9	9	N	N	9	1
750739	SR-429 NB	9	9	9	N	N	9	1
750741	SR-408 WB On-Ramp	8	8	8	N	N	8	1
750742	SR-408 EB Off-Ramp	8	8	8	N	N	8	1
750743	SR-414	8	8	8	N	N	8	1
750802	Airport to SR417	9	7	8	9	N	7	2
750803	SR-417 NB Ramp J	8	8	8	N	N	8	1
750804	Airport to SR417SB	9	7	9	9	N	7	2
750805	South Access Rd.	8	8	8	N	N	8	1
750806	SR417 NB to Airpor	8	7	9	9	N	7	2
750807	SR 528 WB	8	8	8	N	N	8	1
750808	SR-528 EB	8	8	8	N	N	8	1
750823	Ramp G	8	8	8	8	N	8	1
750824	SR-417 Ramp G	8	7	8	N	N	7	2
750825	Ramp D Flyover	8	8	8	N	N	8	1
750829	SR-528 Ramp BC-1	8	8	8	N	N	8	1
750830	SR-528 Ramp BC-2	8	8	8	N	N	8	1
750839	Ramp D2	8	8	8	N	N	8	1
750840	Ramp C2	8	8	8	N	N	8	1
750841	Ramp C1	8	8	8	N	N	8	1
750850	Ramp B2 (SR-417)	8	8	8	N	N	8	1

Appendix 2: SR 408





CFX Annual Inspection FY 2018

Aerial Field Work Map
SR 408- Sheet 1

Legend

- Roadway Topography
- Baselines
- Bridges
- Mile Markers

Issue Noted During Annual Inspection

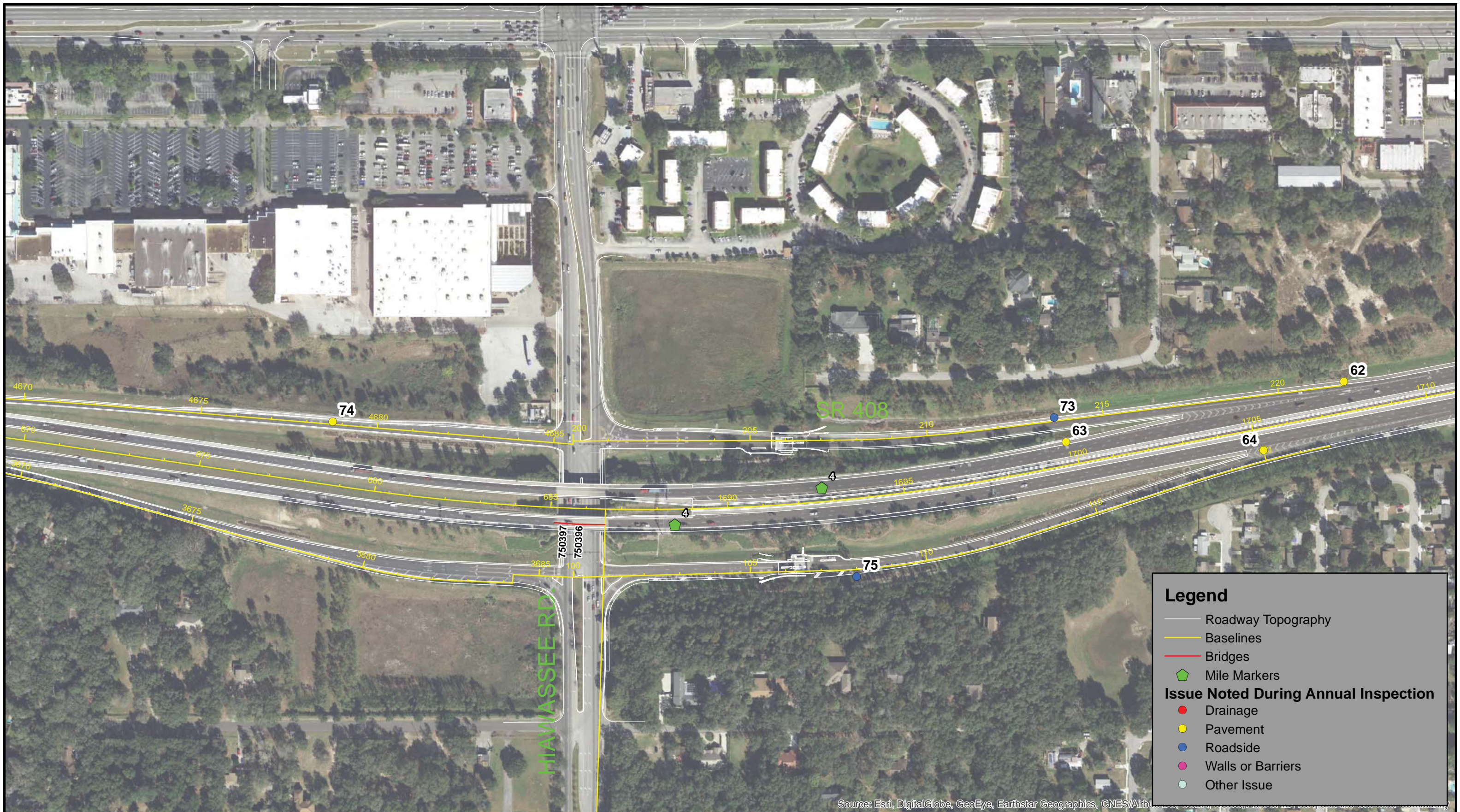
- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

CFX Annual Inspection FY 2018

Aerial Field Work Map
SR 408- Sheet 2



CFX Annual Inspection FY 2018

Aerial Field Work Map
SR 408- Sheet 5



0 125 250 Feet

Data Source: Dewberry
Image Source: ESRI World



Legend

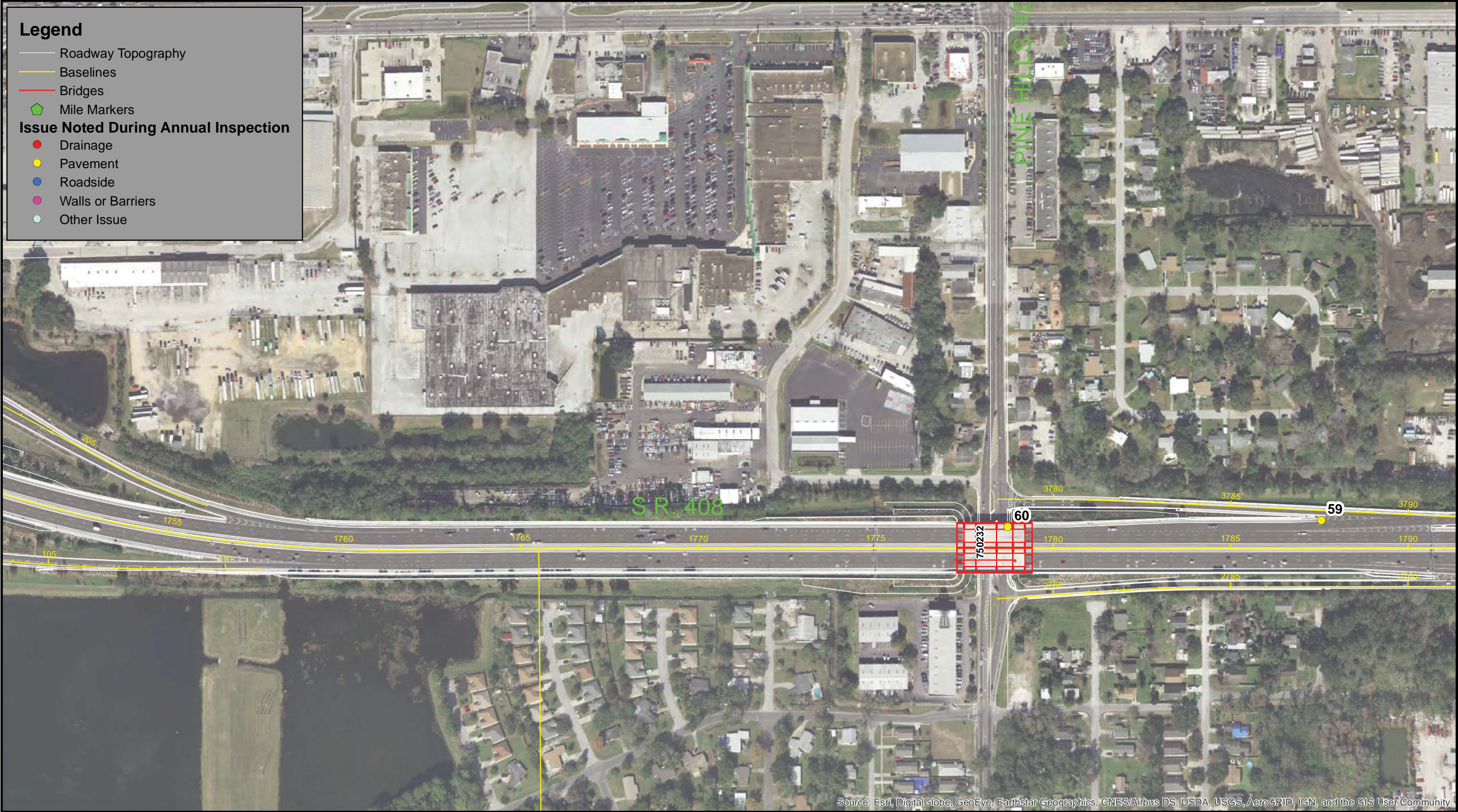
- Roadway Topography
- Baselines
- Bridges
- ◆ Mile Markers
- Issue Noted During Annual Inspection**
- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue

Legend

- Roadway Topography
- Baselines
- Bridges
- Mile Markers

Issue Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue



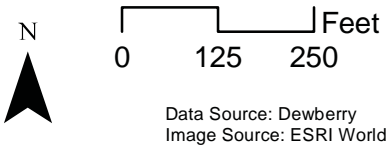


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



CFX Annual Inspection FY 2018

Aerial Field Work Map
SR 408- Sheet 8



Legend

- Roadway Topography
- Baselines
- Bridges
- Mile Markers

Issue Noted During Annual Inspection

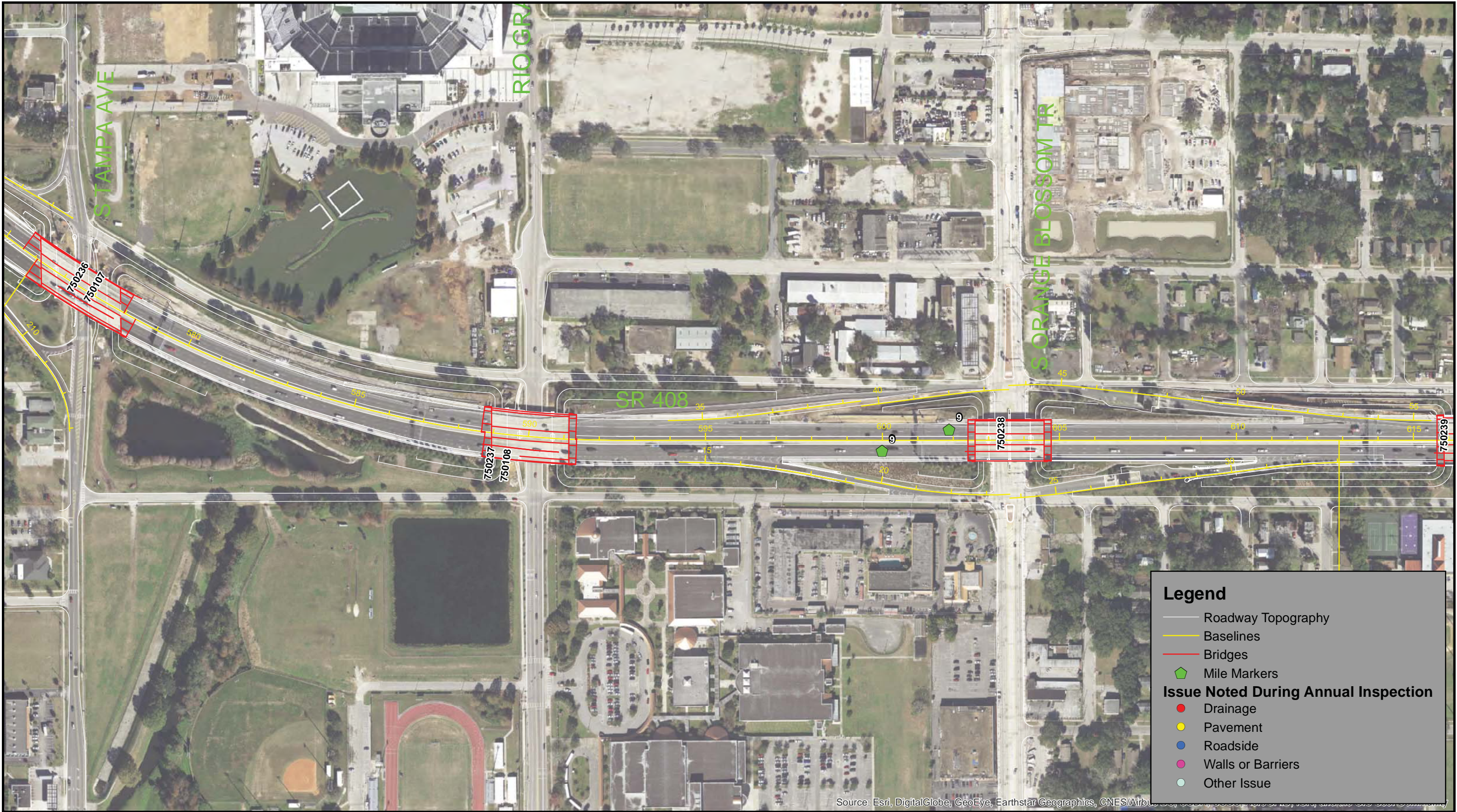
- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue

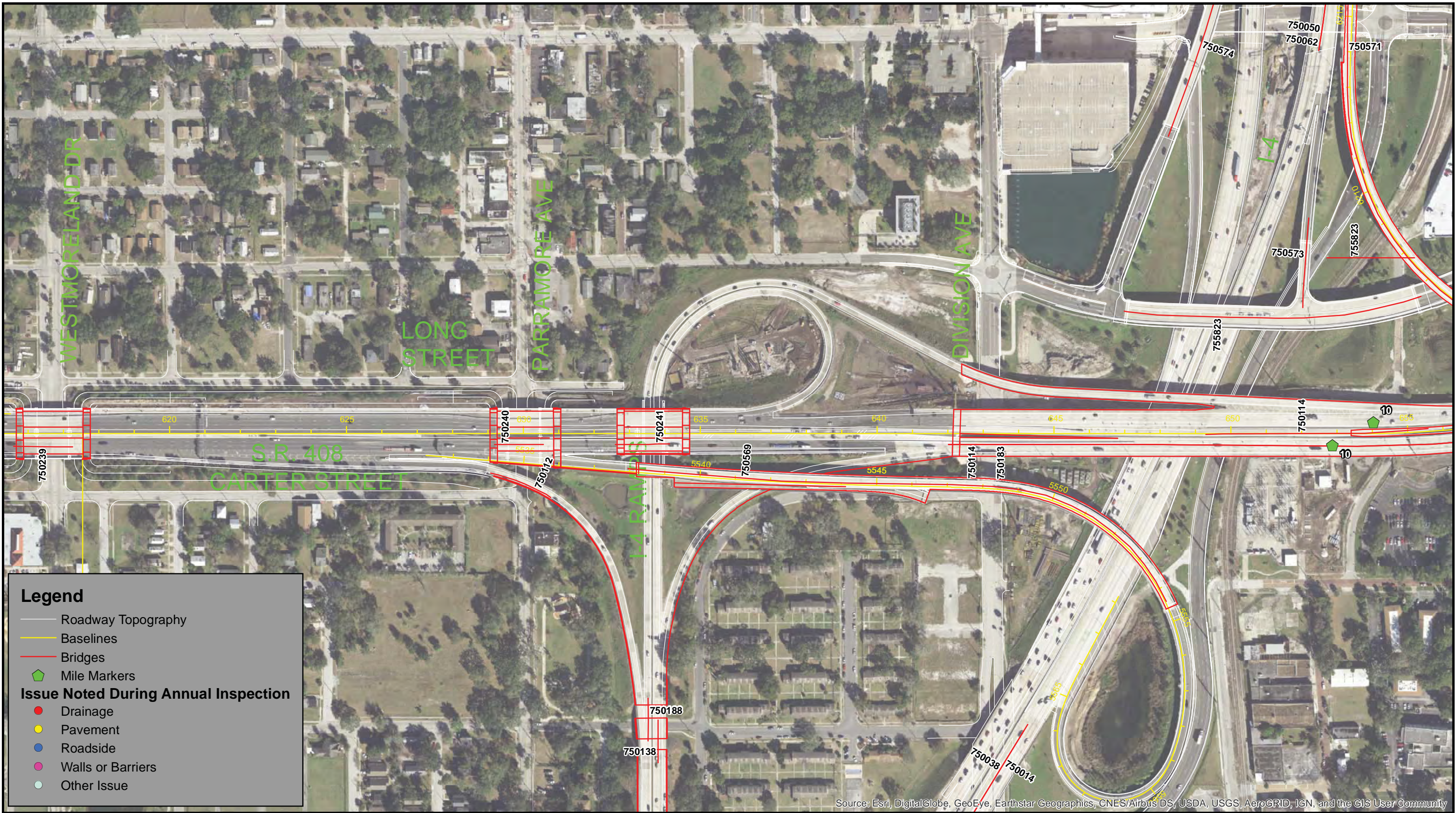


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community











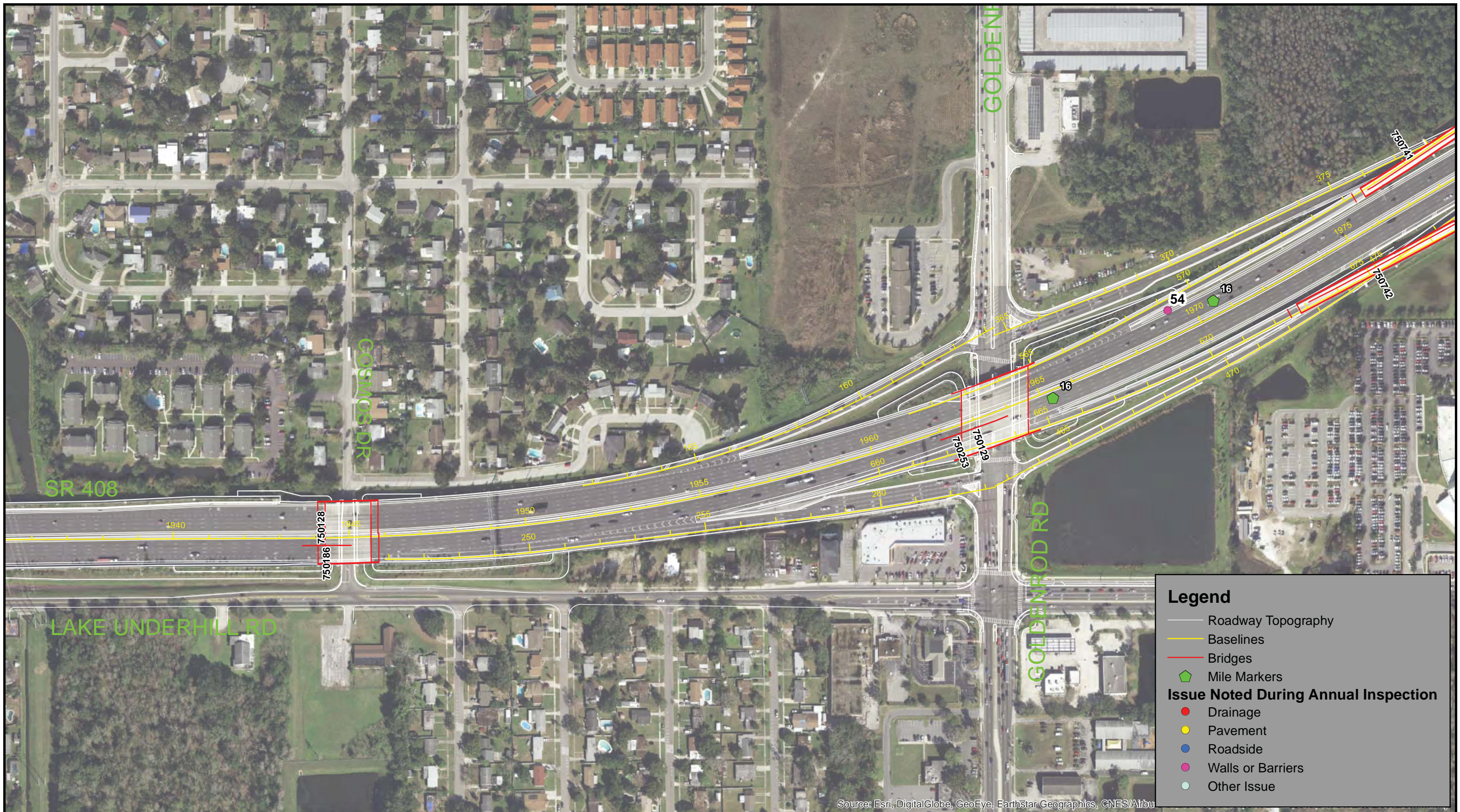


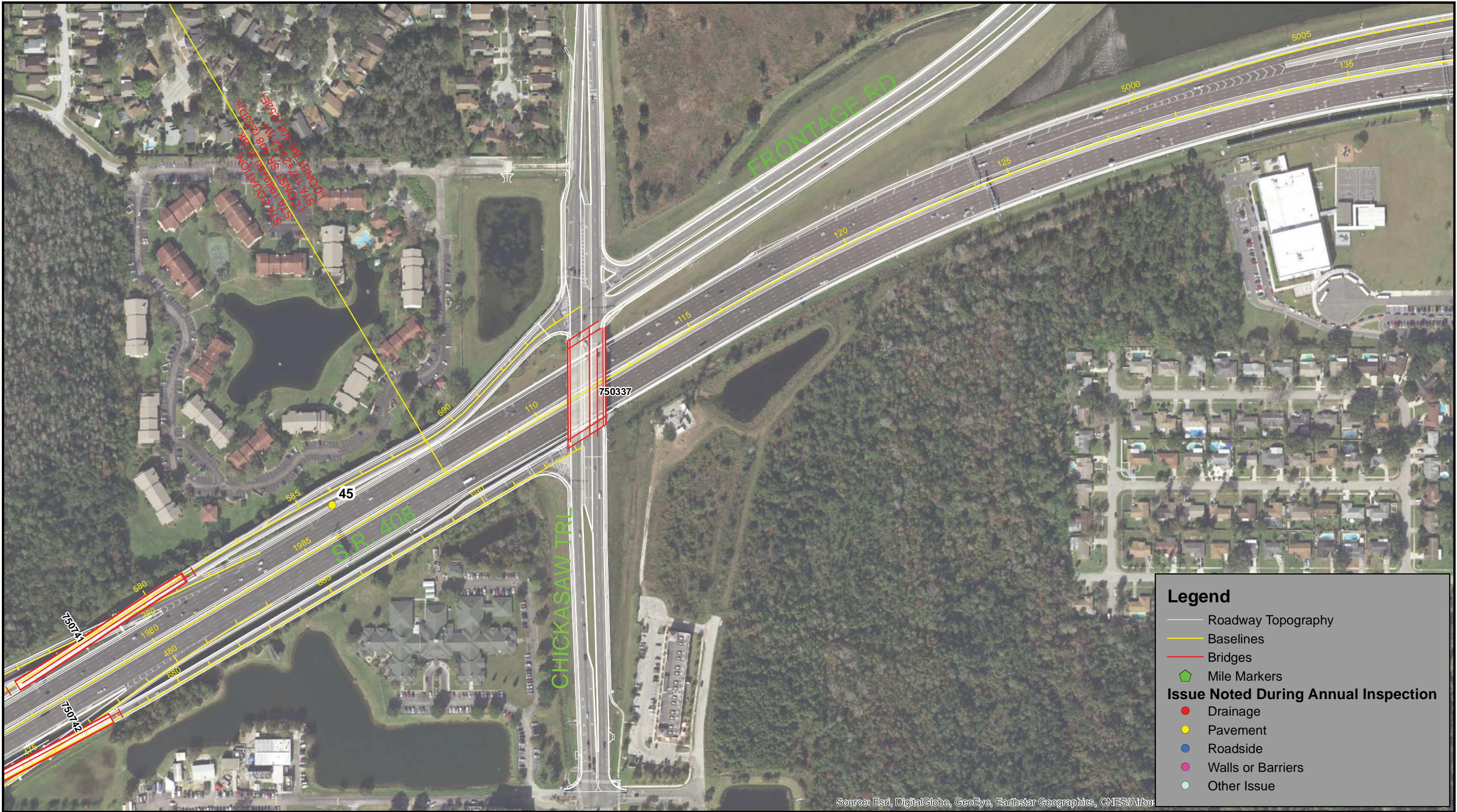












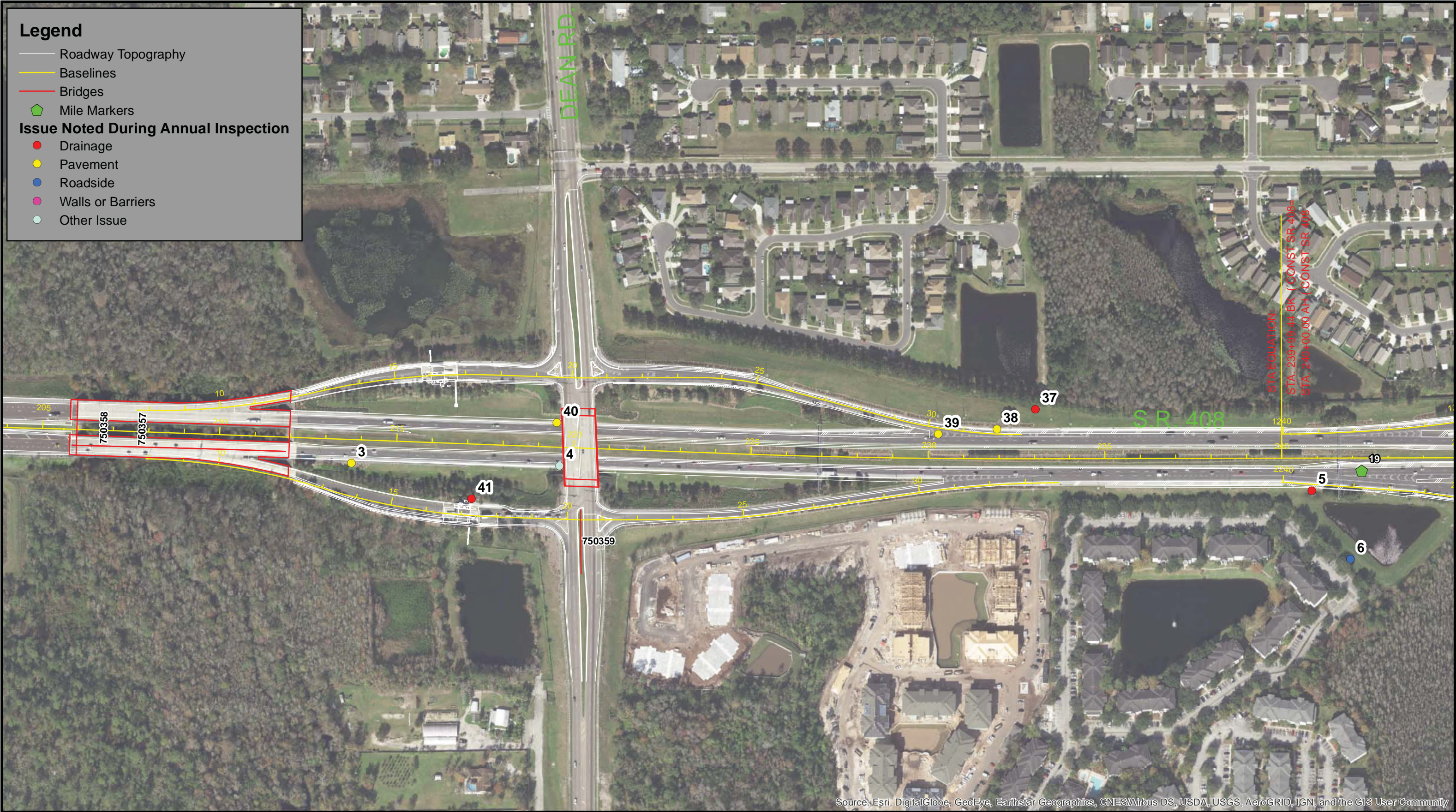


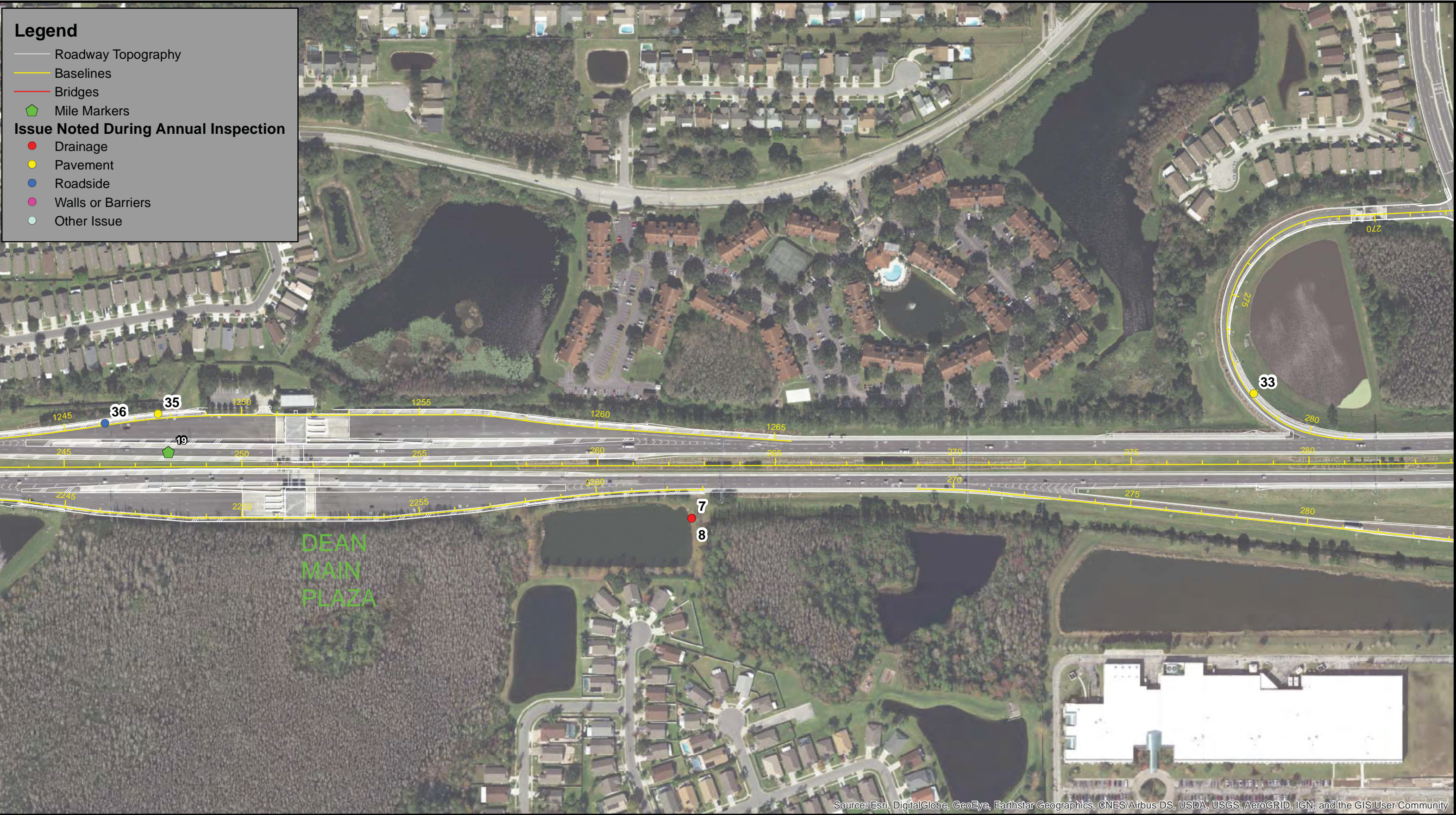
Legend

- Roadway Topography
- Baselines
- Bridges
- Mile Markers

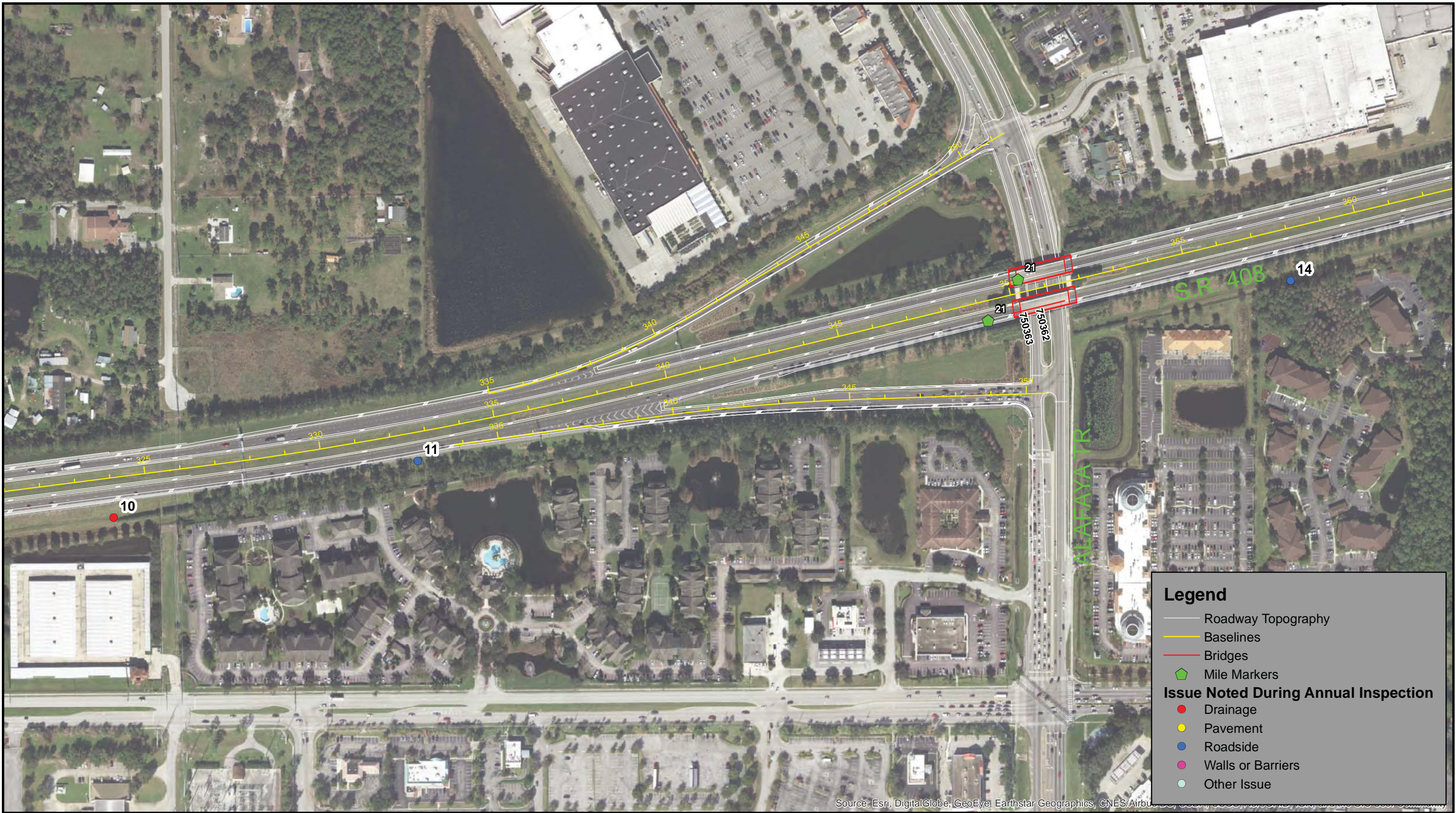
Issue Noted During Annual Inspection

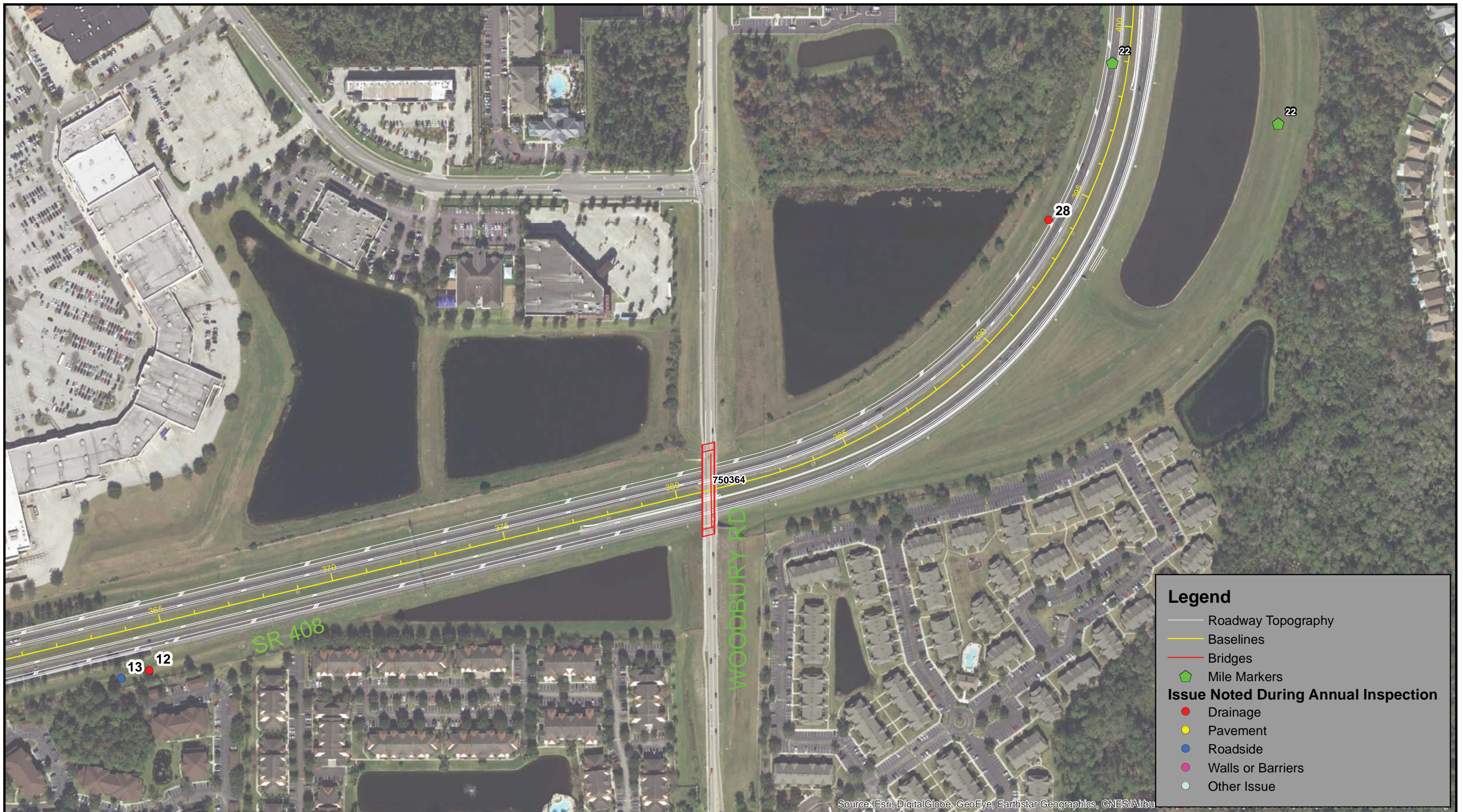
- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue















SR 408 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 408	1	ECP, ZF	10/19/2017	Drainage 1	17-18	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_00541324.jpg	IMG_00551325.jpg	IMG_00561326.jpg		
SR 408	2	ECP, ZF	10/19/2017	Roadside 2	18-19	Roadside	Fence		2	Fence damaged	IMG_00541327.jpg				
SR 408	3	ECP, ZF	10/19/2017	Pavement 3	18-19	Pavement	Edge Ravel	Misc. Asphalt Pavement	2	Surface layer of misc. asphalt pavement eroding along stretch	IMG_00541328.jpg	IMG_00551329.jpg			
SR 408	4	ECP, ZF	10/19/2017	Other Issue 4	18-19	Other Issue			2	Damage on underside of bridge	IMG_00541330.jpg	IMG_00551331.jpg			
SR 408	5	ECP, ZF	10/19/2017	Drainage 5	18-19	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_00541332.jpg				
SR 408	6	ECP, ZF	10/19/2017	Roadside 6	18-19	Roadside	Fence		2	Fence damaged	IMG_00541333.jpg				
SR 408	7	ECP, ZF	10/19/2017	Drainage 7	19-20	Drainage	Pond/ Ditch/ Canal		3	Pond has a great deal of hydrilla	IMG_00541334.jpg				
SR 408	8	ECP, ZF	10/19/2017	Drainage 8	19-20	Drainage	Drainage Structure		3	Structure submerged	IMG_00541335.jpg				
SR 408	9	ECP, ZF	10/19/2017	Pavement 9	20-21	Pavement	Edge Ravel	Misc. Asphalt Pavement	2	Slope erosion and edge ravel	IMG_00541336.jpg	IMG_00551337.jpg			
SR 408	10	ECP, ZF	10/19/2017	Drainage 10	20-21	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_00541338.jpg				
SR 408	11	ECP, ZF	10/19/2017	Roadside 11	20-21	Roadside	Fence		2	Fence completely covered with vegetation	IMG_00541339.jpg	IMG_00551340.jpg			
SR 408	12	ECP, ZF	10/19/2017	Drainage 12	21-22	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_00541341.jpg				
SR 408	13	ECP, ZF	10/19/2017	Roadside 13	21-22	Roadside	Fence		2	Fence damaged	IMG_00541342.jpg				
SR 408	14	ECP, ZF	10/19/2017	Roadside 14	21-22	Roadside	Fence		3	Fence completely covered with vegetation	IMG_00541343.jpg				
SR 408	15	ECP, ZF	10/19/2017	Drainage 15	22-23	Drainage	Drainage Structure		3	Bank erosion around structure. Pipe of drainage structure may be caved in.	IMG_00541344.jpg	IMG_00551345.jpg	IMG_00561346.jpg		
SR 408	16	ECP, ZF	10/19/2017	Pavement 16	22-23	Pavement	Edge Ravel	Paved	2		IMG_00541347.jpg				
SR 408	17	ECP, ZF	10/19/2017	Pavement 17	22-23	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_00541348.jpg				
SR 408	18	ECP, ZF	10/19/2017	Drainage 18	22-23	Drainage	Drainage Structure		2	Structure filled with sediment and vegetation	IMG_00541349.jpg	IMG_00551350.jpg			
SR 408	19	ECP, ZF	10/19/2017	Drainage 19	22-23	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_00541351.jpg				
SR 408	20	ECP, ZF	10/19/2017	Pavement 20	22-23	Pavement	Cracking	Misc. Asphalt Pavement	3		IMG_00541352.jpg				
SR 408	21	ECP, ZF	10/19/2017	Drainage 21	22-23	Drainage	Drainage Structure		3	Bank erosion around structure	IMG_00541353.jpg	IMG_00551354.jpg			
SR 408	22	ECP, ZF	10/19/2017	Walls or Barriers 22	22-23	Walls or Barriers	Guardrail		1	Guardrail damaged. Misc. asphalt damaged as result.	IMG_00541355.jpg	IMG_00551356.jpg			
SR 408	23	ECP, ZF	10/19/2017	Roadside 23	22-23	Roadside	Erosion		3	Slope erosion and misc. asphalt erosion	IMG_00541357.jpg				
SR 408	24	ECP, ZF	10/19/2017	Roadside 24	22-23	Roadside	Fence		2	Fence completely covered with vegetation. some fallen trees leaning on fence	IMG_00541358.jpg				
SR 408	25	ECP, ZF	10/19/2017	Drainage 25	22-23	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_00541359.jpg				
SR 408	26	ECP, ZF	10/19/2017	Roadside 26	22-23	Roadside	Fence		2	Fence damaged and covered in vegetation	IMG_00551360.jpg				
SR 408	27	ECP, ZF	10/19/2017	Drainage 27	22-23	Drainage	Drainage Structure		3	Structure cracking	IMG_00551361.jpg				

SR 408 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 408	28	ECP, ZF	10/19/2017	Drainage 28	21-22	Drainage	Drainage Structure		3	Structure cracking. Structure needs object marker	IMG_00551362.jpg				
SR 408	29	ECP, ZF	10/19/2017	Pavement 29	20-21	Pavement	Cracking	Misc. Asphalt Pavement	3	Guardrail needs vegetation maintenance	IMG_00551363.jpg				
SR 408	30	ECP, ZF	10/19/2017	Drainage 30	20-21	Drainage	Drainage Structure		3	Structure filled with sediment and vegetation	IMG_00551364.jpg				
SR 408	31	ECP, ZF	10/19/2017	Pavement 31	20-21	Pavement	Cracking	Misc. Asphalt Pavement	3	Guardrail needs vegetation maintenance. Edge ravel in several places along stretch	IMG_00551365.jpg				
SR 408	32	ECP, ZF	10/19/2017	Pavement 32	19-20	Pavement	Cracking	Misc. Asphalt Pavement	3	Guardrail needs vegetation maintenance. Edge ravel in several places along stretch	IMG_00551366.jpg				
SR 408	33	ECP, ZF	10/19/2017	Pavement 33	19-20	Pavement	Cracking	Misc. Asphalt Pavement	3	Guardrail needs vegetation maintenance. Edge ravel in several places along stretch	IMG_00551367.jpg				
SR 408	34	ECP, ZF	10/19/2017	Drainage 34	19-20	Drainage	Drainage Structure		3	Structure damaged	IMG_00551368.jpg				
SR 408	35	ECP, ZF	10/19/2017	Pavement 35	19-20	Pavement	Cracking	Misc. Asphalt Pavement	3		IMG_00551369.jpg	IMG_00561370.jpg			
SR 408	36	ECP, ZF	10/19/2017	Roadside 36	19-20	Roadside	Fence		3	Fence completely covered with vegetation	IMG_00551371.jpg				
SR 408	37	ECP, ZF	10/19/2017	Drainage 37	18-19	Drainage	Drainage Structure		2	Structure cracking. Structure needs vegetation maintenance	IMG_00551372.jpg				
SR 408	38	ECP, ZF	10/19/2017	Pavement 38	18-19	Pavement	Edge Ravel	Paved Shoulder	3		IMG_00551373.jpg				
SR 408	39	ECP, ZF	10/19/2017	Pavement 39	18-19	Pavement	Depression	Paved Shoulder	2	Asphalt coming off in patches	IMG_00551374.jpg	IMG_00561375.jpg			
SR 408	40	ECP, ZF	10/19/2017	Pavement 40	18-19	Pavement	Depression	Misc. Asphalt Pavement	3		IMG_00551376.jpg				
SR 408	41	ECP, ZF	10/19/2017	Drainage 41	18-19	Drainage	Flume/ Concrete Apron		3	Structure damaged	IMG_00551377.jpg				
SR 408	42	ECP, ZF	10/19/2017	Drainage 42	19-20	Drainage	Drainage Structure		3	Structure filled with sediment and vegetation	IMG_00551378.jpg	IMG_00561379.jpg			
SR 408	43	ECP, ZF	10/19/2017	Drainage 43	22-23	Drainage	Drainage Structure		1	Bank erosion around structure	IMG_00551380.jpg	IMG_00561381.jpg	IMG_00571382.jpg		
SR 408	44	ECP, ZF	10/19/2017	Drainage 44	22-23	Drainage	Drainage Structure		2	Structure cracking	IMG_00551383.jpg				
SR 408	45	NK, RT	10/20/2017	Pavement 45	16-17	Pavement	Depression	Misc. Asphalt Pavement	3		IMG_00551384.jpg	IMG_00561385.jpg			
SR 408	46	NK, RT	10/20/2017	Drainage 46	15-16	Drainage	Drainage Structure		3	Structure cracking and grate damaged	IMG_00551386.jpg	IMG_00561387.jpg	IMG_00571388.jpg		
SR 408	47	NK, RT	10/20/2017	Pavement 47	15-16	Pavement	Pothole	Misc. Asphalt Pavement	3		IMG_00551389.jpg	IMG_00561390.jpg			
SR 408	48	NK, RT	10/20/2017	Pavement 48	11-12	Pavement	Other	Travel Lanes	3	Pavement rutting	IMG_00551391.jpg	IMG_00561392.jpg			
SR 408	49	NK, RT	10/20/2017	Walls or Barriers 49	12-13	Walls or Barriers	Barrier Wall		3	Coping damage (approx 30-40 ft.)	IMG_00551393.jpg	IMG_00561394.jpg	IMG_00571395.jpg	IMG_00581396.jpg	IMG_00591397.jpg
SR 408	50	NK, RT	10/20/2017	Pavement 50	12-13	Pavement	Striping or Pavement Marking	Travel Lanes	3	Striping faded (approx 20 ft.)	IMG_00551398.jpg	IMG_00561399.jpg			
SR 408	51	NK, RT	10/20/2017	Pavement 51	12-13	Pavement	Other	Travel Lanes	3	Pavement rutting (left two lanes)	IMG_00551400.jpg	IMG_00561401.jpg			

SR 408 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 408	52	NK, RT	10/20/2017	Pavement 52	12-13	Pavement	Striping or Pavement Marking	Paved Shoulder	3	Striping faded	IMG_00551402.jpg	IMG_00561403.jpg			
SR 408	53	NK, RT	10/20/2017	Pavement 53	12-13	Pavement	Striping or Pavement Marking	Travel Lanes	3	Pavement marking faded	IMG_00551404.jpg	IMG_00561405.jpg			
SR 408	54	NK, RT	10/20/2017	Walls or Barriers 54	16-17	Walls or Barriers	Barrier Wall		3	Water damage at base	IMG_00551406.jpg				
SR 408	55	NK, RT	10/20/2017	Pavement 55	12-13	Pavement	Striping or Pavement Marking	Travel Lanes	3	Pavement rutting (middle lane)	IMG_00551407.jpg	IMG_00561408.jpg			
SR 408	56	NK, RT	10/20/2017	Pavement 56	12-13	Pavement	Other	Travel Lanes	2	Pavement rutting (middle lane)	IMG_00551409.jpg	IMG_00561410.jpg			
SR 408	57	NK, RT	10/20/2017	Pavement 57	6-7	Pavement	Striping or Pavement Marking	Other	3	Pavement marking faded	IMG_00551411.jpg	IMG_00561412.jpg			
SR 408	58	NK, RT	10/20/2017	Pavement 58	6-7	Pavement	Striping or Pavement Marking	Other	3	Pavement markings and striping faded along stretch	IMG_00551413.jpg	IMG_00561414.jpg	IMG_00571415.jpg		
SR 408	59	NK, RT	10/20/2017	Pavement 59	5-6	Pavement	Striping or Pavement Marking	Other	3	Pavement marking faded	IMG_00551416.jpg	IMG_00561417.jpg			
SR 408	60	NK, RT	10/20/2017	Pavement 60	5-6	Pavement	Striping or Pavement Marking	Other	3	Striping faded	IMG_00551418.jpg	IMG_00561419.jpg			
SR 408	61	NK, RT	10/20/2017	Pavement 61	4-5	Pavement	Striping or Pavement Marking	Other	3	Striping faded	IMG_00551420.jpg	IMG_00561421.jpg			
SR 408	62	NK, RT	10/20/2017	Pavement 62	4-5	Pavement	Edge Ravel	Paved Shoulder	3		IMG_00551422.jpg	IMG_00561423.jpg			
SR 408	63	NK, RT	10/20/2017	Pavement 63	4-5	Pavement	Cracking	Misc. Asphalt Pavement	3		IMG_00551424.jpg	IMG_00561425.jpg	IMG_00571426.jpg	IMG_00581427.jpg	
SR 408	64	NK, RT	10/20/2017	Pavement 64	4-5	Pavement	Striping or Pavement Marking	Other	3	Striping faded and Pavement rutting	IMG_00551428.jpg	IMG_00561429.jpg			
SR 408	65	NK, RT	10/20/2017	Pavement 65	4-5	Pavement	Striping or Pavement Marking	Other	3	Striping faded	IMG_00551430.jpg	IMG_00561431.jpg			
SR 408	66	NK, RT	10/20/2017	Pavement 66	4-5	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_00551432.jpg	IMG_00561433.jpg	IMG_00571434.jpg		
SR 408	67	NK, RT	10/20/2017	Pavement 67	5-6	Pavement	Striping or Pavement Marking	Misc. Asphalt Pavement	2	Pavement marking faded	IMG_00551435.jpg	IMG_00561436.jpg			
SR 408	68	NK, RT	10/20/2017	Pavement 68	6-7	Pavement	Striping or Pavement Marking	Misc. Asphalt Pavement	2	Striping faded	IMG_00551437.jpg	IMG_00561438.jpg			
SR 408	69	NK, RT	10/20/2017	Pavement 69	6-7	Pavement	Striping or Pavement Marking	Misc. Asphalt Pavement	2	Striping faded	IMG_00551439.jpg				
SR 408	70	NK, RT	10/20/2017	Pavement 70	7-8	Pavement	Striping or Pavement Marking	Misc. Asphalt Pavement	2	Striping faded	IMG_00551440.jpg				
SR 408	71	NK, RT	10/20/2017	Pavement 71	8-9	Pavement	Striping or Pavement Marking	Misc. Asphalt Pavement	2	Striping faded and Pavement rutting	IMG_00551441.jpg	IMG_00561442.jpg			
SR 408	72	NK, RT	10/20/2017	Other Issue 72	7-8	Other Issue			3	Damage on underside of bridge	IMG_00551443.jpg	IMG_00561444.jpg			
SR 408	73	NK, RT	10/20/2017	Roadside 73	4-5	Roadside	Erosion		3		IMG_00551445.jpg	IMG_00561446.jpg			
SR 408	74	NK, RT	10/20/2017	Pavement 74	3-4	Pavement	Striping or Pavement Marking	Misc. Asphalt Pavement	3	Pavement marking faded	IMG_00551447.jpg				
SR 408	75	NK, RT	10/20/2017	Roadside 75	4-5	Roadside	Erosion		2		IMG_00551448.jpg	IMG_00561449.jpg	IMG_00571450.jpg		

SR 408 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 408	76	NK, RT	10/20/2017	Roadside 76	4-5	Roadside	Erosion		2	Median erosion (approx. 500ft)	IMG_00551451.jpg	IMG_00561452.jpg			
SR 408	77	NK, RT	10/20/2017	Pavement 77	5-6	Pavement	Striping or Pavement Marking	Misc. Asphalt Pavement	2	Pavement marking faded	IMG_00551453.jpg	IMG_00561454.jpg			
SR 408	78	ECP, ZF	10/24/2017	Other Issue 78	14-15	Other Issue			3	Graffiti under bridge	IMG_00561492.jpg				
SR 408	79	ECP, ZF	10/24/2017	Other Issue 79	20-21	Other Issue			3	Graffiti under bridge	IMG_00561493.jpg				
SR 408	80	DH, RT	10/23/2017	Walls or Barriers 80	1-2	Walls or Barriers	Guardrail		3		IMG_00551455.jpg	IMG_00561456.jpg			
SR 408	81	DH, RT	10/23/2017	Roadside 81	1-2	Roadside	Fence		2		IMG_00551457.jpg	IMG_00561458.jpg	IMG_00571459.jpg		
SR 408	82	DH, RT	10/23/2017	Roadside 82	1-2	Roadside	Erosion		1	Erosion- multiple spots	IMG_00551460.jpg	IMG_00561461.jpg	IMG_00571462.jpg		
SR 408	83	DH, RT	10/23/2017	Drainage 83	2-3	Drainage	Drainage Structure		3	Structure filled with sand/sediment	IMG_00561463.jpg				
SR 408	84	DH, RT	10/23/2017	Drainage 84	2-3	Drainage	Drainage Structure		3	Structure filled with sand/sediment	IMG_00561464.jpg	IMG_00571465.jpg			
SR 408	85	DH, RT	10/23/2017	Drainage 85	2-3	Drainage	Drainage Structure		2	Structure filled with sediment and vegetation	IMG_00561466.jpg	IMG_00571467.jpg			
SR 408	86	DH, RT	10/23/2017	Drainage 86	2-3	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_00561468.jpg	IMG_00571469.jpg			
SR 408	87	DH, RT	10/23/2017	Drainage 87	2-3	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_00561470.jpg	IMG_00561472.jpg	IMG_00571473.jpg		
SR 408	88	DH, RT	10/23/2017	Drainage 88	2-3	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_00561474.jpg				
SR 408	89	DH, RT	10/23/2017	Drainage 89	2-3	Drainage	Drainage Structure		2	Structure filled with sediment and vegetation	IMG_00561475.jpg	IMG_00571476.jpg			
SR 408	90	DH, RT	10/23/2017	Roadside 90	2-3	Roadside	Fence		3	Fence gate inoperable (wheel came off)	IMG_00561477.jpg	IMG_00571478.jpg			
SR 408	91	DH, RT	10/23/2017	Drainage 91	1-2	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_00561479.jpg	IMG_00571480.jpg			
SR 408	92	DH, RT	10/23/2017	Drainage 92	1-2	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_00561481.jpg	IMG_00571482.jpg			
SR 408	93	DH, RT	10/23/2017	Drainage 93	1-2	Drainage	Drainage Structure		3	Structure filled with sediment and vegetation	IMG_00561483.jpg				
SR 408	94	DH, RT	10/23/2017	Drainage 94	2-3	Drainage	Drainage Structure		3	Structure filled with sediment and vegetation	IMG_00561484.jpg	IMG_00571485.jpg			
SR 408	95	DH, RT	10/23/2017	Drainage 95	2-3	Drainage	Drainage Structure		2	Structure filled with sediment and vegetation	IMG_00561486.jpg	IMG_00571487.jpg			
SR 408	96	DH, RT	10/23/2017	Drainage 96	2-3	Drainage	Drainage Structure		2	Structure filled with sediment and vegetation	IMG_00561488.jpg	IMG_00571489.jpg			
SR 408	97	DH, RT	10/23/2017	Drainage 97	6-7	Drainage	Drainage Structure		1	De-silting required. Overgrown with vegetation.	IMG_00561490.jpg	IMG_00571491.jpg			

Rating Key	
1	Requires Immediate Attention
2	Poor Condition but Operable
3	Routine Maintenance Needed

2017 Annual Facilities Inspection Report



Hiawassee Main Plaza

December 7, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

**Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807**

Inspection Date: 12/07/17
Arrived: 7:30 AM
Weather: 81°, cloudy

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the Hiwassee Mainline Plaza.

43 – Hiwassee Main Plaza

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring, pest control and ground erosion. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- Main Plaza computer room needs maintenance to replace missing HVAC vent. (Figure 1)
- Main Plaza computer room needs maintenance on the door latch to ensure it is fixed properly to the wall. (Figure 2)
- Main Plaza computer room needs electrical contractor to attach unistrut, conduit and electrical box to wall with drywall screws. (Figure 3 & Figure 4)
- Main Plaza HVAC room need to be cleared of storage boxes and debris. (Figure 5)

Tunnel Observations:

- The above referenced tunnel is in good condition overall with no identified deficiencies.

Exterior Observations:

- The above referenced tunnel is in good condition overall with the exception of some electrical outlets not working in the toll booths. (Figure 6)

Recommendations:

- Recommend HVAC contractor to replace vents in computer room.
- Recommend maintenance on door latch in computer room.
- Recommend electrical contractor check the wiring in the toll booths and fix the electrical box, conduit & unistrut in the computer room.
- Recommend removal of any storage materials in electrical and HVAC closets.

41 – Good Homes Ramp – On Observations:

The above referenced on ramp is in good condition overall. Maintenance is recommended on the generator annunciator panel. (Figure 7 & Figure 8)

42 – Good Homes Ramp – Off Observations:

The above referenced on ramp is in good condition overall. (Figure 9 & Figure 10)

44 – Hiwassee Ramp – On Observations:

The above referenced on ramp is in good condition overall. Verification of the roof penetrations and fireproofing is recommended. (Figure 11 & Figure 12)

45 – Hiwassee Ramp – Off Observations:

The above referenced on ramp is in good condition overall. (Figure 13 & Figure 14)

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews

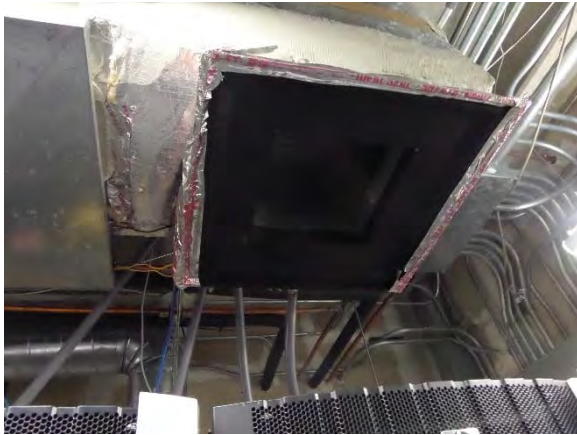


Figure 1 Hiawassee Mainline



Figure 2 Hiawassee Mainline



Figure 3 Hiawassee Mainline



Figure 4 Hiawassee Mainline



Figure 5 Hiawassee Mainline



Figure 6 Hiawassee Mainline



Figure 7 Good Homes Ramp On



Figure 8 Good Homes Ramp On



Figure 9 Good Homes Ramp Off



Figure 10 Good Homes Ramp Off



Figure 11 Hiwassee Ramp On

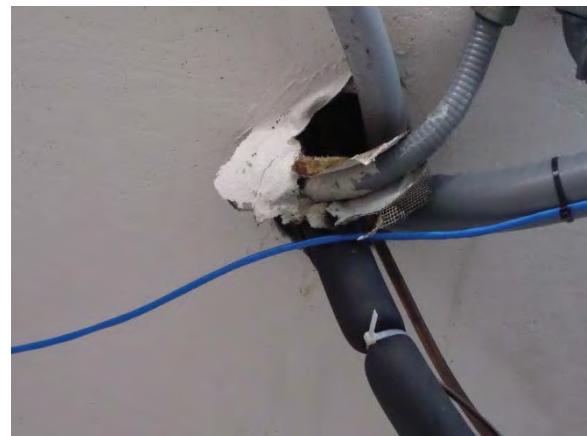


Figure 12 Hiwassee Ramp On



Figure 13 Hiawassee Ramp Off



Figure 14 Hiawassee Ramp Off

2017 Annual Facilities Inspection Report



Pine Hills Main Plaza

November 30, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

**Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807**

Inspection Date: 09/29/17
Arrived: 7:30 AM
Weather: 91 °, partly cloudy

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the Pine Hills Mainline Plaza.

46 – Pine Hills Main Plaza

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring, ceiling tiles and HVAC system. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- Main Plaza has isolated wiring bundles with multiple power strips on floor below equipment racks. (Figure 1 & Figure 4)
- Main Plaza ceiling tile has possible leak above ceiling in computer room. (Figure 2)
- Main Plaza is missing HVAC vent covers. (Figure 3)

Overpass Observations:

- The above referenced overpass is in good condition overall with no identified deficiencies.

Exterior Observations:

- The above referenced overpass is in good condition overall with no identified deficiencies.

Recommendations:

- Recommend isolated wiring in computer room be cleaned up.
- Recommend maintenance determine the source of any leaks above the ceiling grid.
- Recommend HVAC contractor to ensure that all vents have covers installed.

47 – Old Winter Garden Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance of isolated wiring for the outlet missing power is recommended (Figure 5 & Figure 6)

48 – Ortman/Mercy Drive Ramp – On Observations:

The above referenced on ramp is in good condition overall. Maintenance is recommended on some ceiling tiles and potential leaks need to be addressed. (Figure 7 & Figure 8)

49 – John Young Parkway Ramp – Off Observations:

The above referenced on ramp is in good condition overall. (Figure 9 & Figure 10)

50 – John Young Parkway Ramp – On Observations:

The above referenced on ramp is in good condition overall. General maintenance is recommended on the generator annunciator panel. (Figure 11 & Figure 12)

51 – OBT Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some landscaping around the bollards and propane tank is recommended (Figure 13 & Figure 14)

52 – OBT Ramp – On Observations:

The above referenced on ramp is in good condition overall. Maintenance is recommended on some ceiling tiles and potential leaks need to be addressed. (Figure 15 & Figure 16)

53 – Mills Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Maintenance is recommended to properly cap off communication wiring at grade. (Figure 17 & Figure 18)

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews



Figure 1 Pine Hills Mainline



Figure 2 Pine Hills Mainline



Figure 3 Pine Hills Mainline



Figure 4 Pine Hills Mainline



Figure 5 Old Winter Garden Ramp Off



Figure 6 Old Winter Garden Ramp Off



Figure 7 Ortman/Mercy Drive Ramp On



Figure 8 Ortman/Mercy Drive Ramp On



Figure 9 John Young Ramp Off



Figure 10 John Young Ramp Off



Figure 11 John Young Ramp On



Figure 12 John Young Ramp On



Figure 13 OB T Ramp Off



Figure 14 OB T Ramp Off



Figure 15 OB T Ramp On



Figure 16 OB T Ramp On



Figure 17 Mills Ramp Off



Figure 18 Mills Ramp Off



2017 Annual Facilities Inspection Report



Conway Main Plaza

November 16, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

**Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807**

Inspection Date: 11/16/17
Arrived: 8:00 AM
Weather: 91 °, partly cloudy

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the Conway Mainline Plaza.

**58EB – Conway EB Main Plaza
58EB – Conway WB Main Plaza**

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring, lighting and HVAC system. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- EB Main Plaza computer room electrical wiring, power strips and equipment on floor under equipment rack. (Figure 1)
- WB Main plaza has missing HVAC vent in computer room. (Figure 5)
- WB Toll booth has outlet missing power (Figure 7)

Tunnel Observations:

- EB Tunnel - Main Plaza tunnel HVAC duct work appears to have a leak at the ceiling point of entry. (Figure 2)
- WB Tunnel – Main Plaza tunnel has tears in duct work at ceiling. (Figure 3)

Exterior Observations:

- EB Plaza - Exterior Building has hairline cracks in one of the columns on the EB Plaza. (Figure 3)

Recommendations:

- Recommend maintenance on of isolated wiring for computer room and outlets missing power.
- Recommend general maintenance to locate leaks in the ceilings/tunnels.
- Recommend HVAC maintenance to repair torn duct work.

54 – Bumby Ramp – On Observations:

The above referenced on ramp is in good condition overall. Recommend maintenance of isolated wiring for electrical trough. (Figure 9 & Figure 10)

55 – Bumby Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Recommend maintenance of isolated wiring for electrical trough. (Figure 11 & Figure 12)

56 – Conway Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some general maintenance of the exterior debris is also recommended. (Figure 13 & Figure 14)

57 – Conway Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance on the UPS is recommended. (Figure 15 & Figure 16)

59 – Andes Ave/Lake Underhill/436 Ramp – Off Observations:

The above referenced on ramp is in good condition overall. (Figure 17 & Figure 18)

60 – Semoran Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance to replace missing HVAC vent covers, locate leaks above ceiling tile and close off the hole exposed to outside is recommended. (Figure 19, Figure 20, Figure 21 & Figure 22)

61 – Yucatan Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance to locate leaks above ceiling tile is recommended. (Figure 23 & Figure 24)

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews



Figure 1 Conway EB Mainline Electrical Room



Figure 2 Conway EB Mainline



Figure 3 Conway EB Mainline



Figure 4 Conway WB Mainline



Figure 5 Conway WB Mainline



Figure 6 Conway WB Mainline



Figure 7 Conway WB Mainline



Figure 8 Conway WB Mainline



Figure 9 Bumby Ramp On



Figure 10 Bumby Ramp On



Figure 11 Bumby Ramp Off

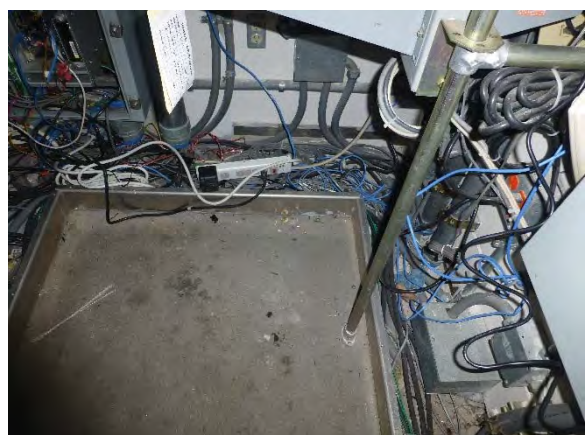


Figure 12 Bumby Ramp Off



Figure 13 Conway Ramp On



Figure 14 Conway Ramp On



Figure 15 Conway Ramp Off



Figure 16 Conway Ramp Off



Figure 17 Andes Ave/LkUndehill/436 Ramp Off



Figure 18 Andes Ave/LkUndehill/436 Ramp Off



Figure 19 Semoran Ramp Off



Figure 20 Semoran Ramp Off



Figure 21 Semoran Ramp Off



Figure 22 Semoran Ramp Off



Figure 21 Yucatan Ramp On



Figure 21 Yucatan Ramp On



2017 Annual Facilities Inspection Report



Dean Main Plaza

November 9, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

**Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807**

Inspection Date: 11/09/17
Arrived: 7:30 AM
Weather: 91 °, partly cloudy

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the Dean Mainline Plaza.

64 – Dean Main Plaza

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring, replacement of electrical enclosures, and HVAC maintenance. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- Main Plaza computer room HVAC vents missing covers. (Figure 1 & Figure 3)
- Main Plaza computer room ceiling tile has potential leaks. (Figure 2)
- Main Plaza computer room equipment rack power cables. (Figure 4)

Tunnel Observations:

- Main Plaza Tunnel stairwell dumb waiter requires maintenance. (Figure 5)
- Main Plaza Tunnel power cord stretching across tunnel to power equipment. (Figure 6)
- Main Plaza Tunnel CMS control panel Lane 1 & Lane 2 NEMA enclosures rusted out. (Figure 7, Figure 8, Figure 9 & Figure 10)
- Main Plaza Tunnel ceiling seam appears to be rotting. (Figure 11)

Exterior Observations:

- Exterior Building has rusted duct work located behind building exterior. (Figure 12)

Recommendations:

- Recommend HVAC contractor to replace vents in computer room.
- Recommend general maintenance to locate/address leaks in ceiling tile.
- Recommend electrical contractor check the wiring in the tunnel and find a closer power source for extension cord and replace the Tunnel CMS control panel Lane 1 & Lane 2 NEMA enclosures.
- Recommend general maintenance to fix ceiling seam in tunnel.

62 – Dean Road Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some maintenance is recommended on the CCTV wiring and needs to be addressed. (Figure 13 & Figure 14)

63 – Dean Road Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance is recommended on the electrical wiring trough. (Figure 15 & Figure 16)

65 – Rouse Road Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some maintenance is recommended on the existing HVAC and duct work. (Figure 17 & Figure 18)

66 – Rouse Road Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance is recommended on the HVAC duct work that is attached to the ceiling with duct tape.
(Figure 19, Figure 20, Figure 21 & Figure 22)

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews



Figure 1 Dean Mainline



Figure 2 Dean Mainline



Figure 3 Dean Mainline

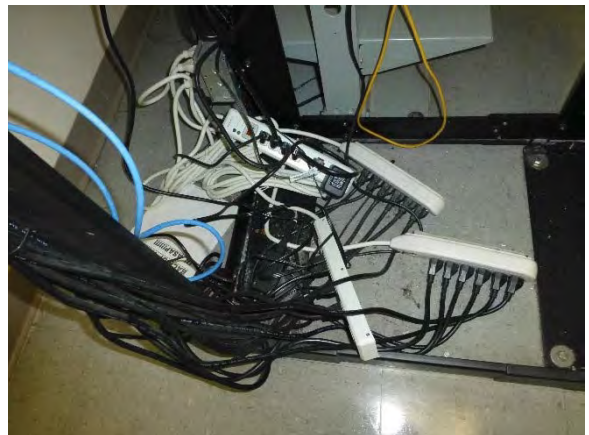


Figure 4 Dean Mainline

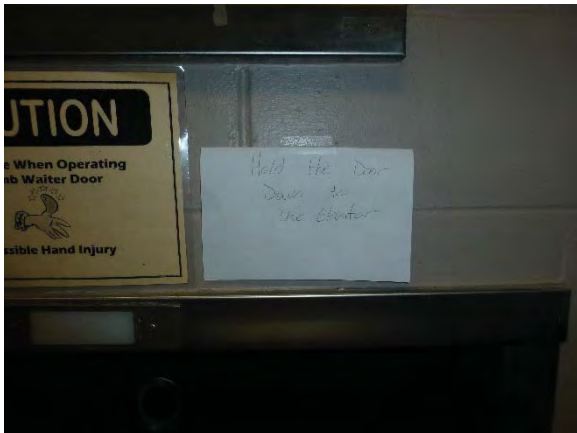


Figure 5 Dean Mainline Dumb Waiter



Figure 6 Dean Mainline Tunnel



Figure 7 Dean Mainline Tunnel



Figure 8 Dean Mainline Tunnel



Figure 9 Dean Mainline Tunnel



Figure 10 Dean Mainline Tunnel



Figure 11 Dean Mainline Tunnel



Figure 12 Dean Mainline Exterior



Figure 13 Dean Road Ramp On



Figure 14 Dean Road Ramp On



Figure 15 Dean Road Ramp Off

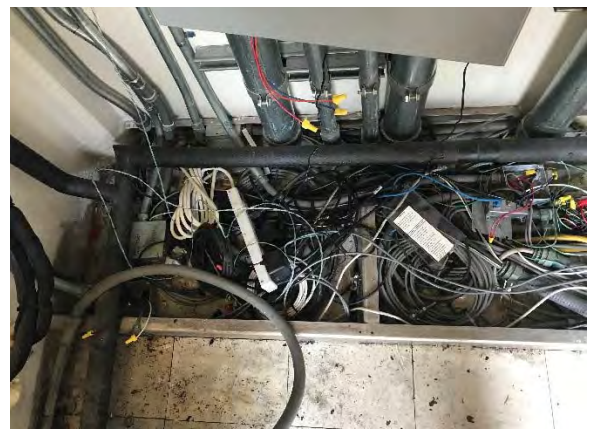


Figure 16 Dean Road Ramp Off



Figure 17 Rouse Road Ramp On



Figure 18 Rouse Road Ramp On



Figure 19 Rouse Road Off



Figure 20 Rouse Road Off

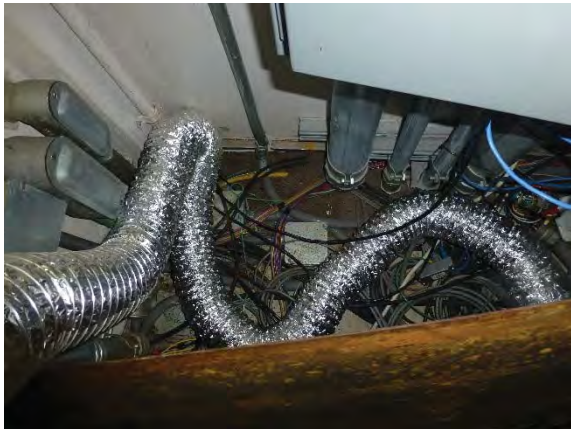


Figure 21 Rouse Road Off

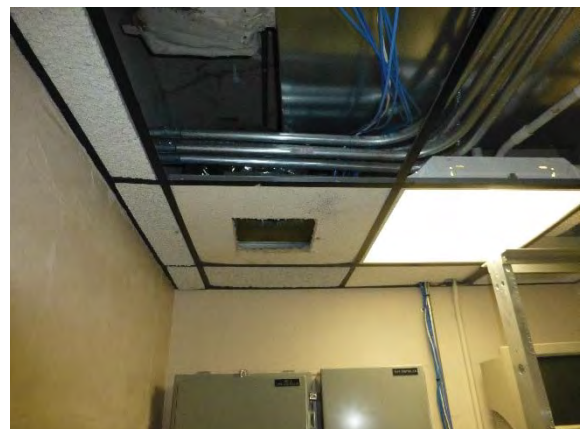


Figure 22 Rouse Road Off

Appendix 3: SR 414/SR 451







Legend

Roadway Topography

Baselines

Bridges

Mile Markers

Issue Noted During Annual Inspection

Drainage

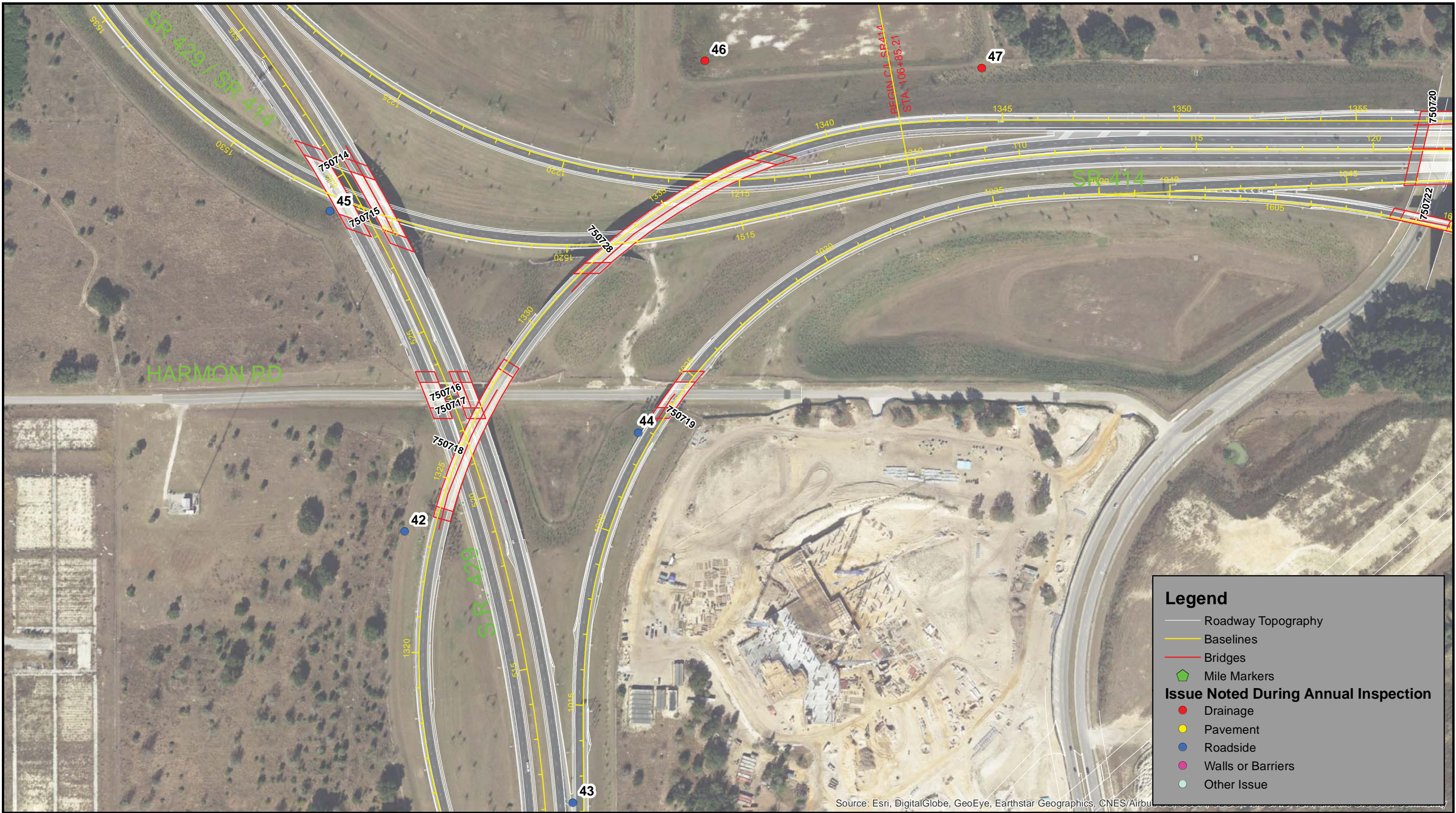
Pavement

Roadside

Walls or Barriers

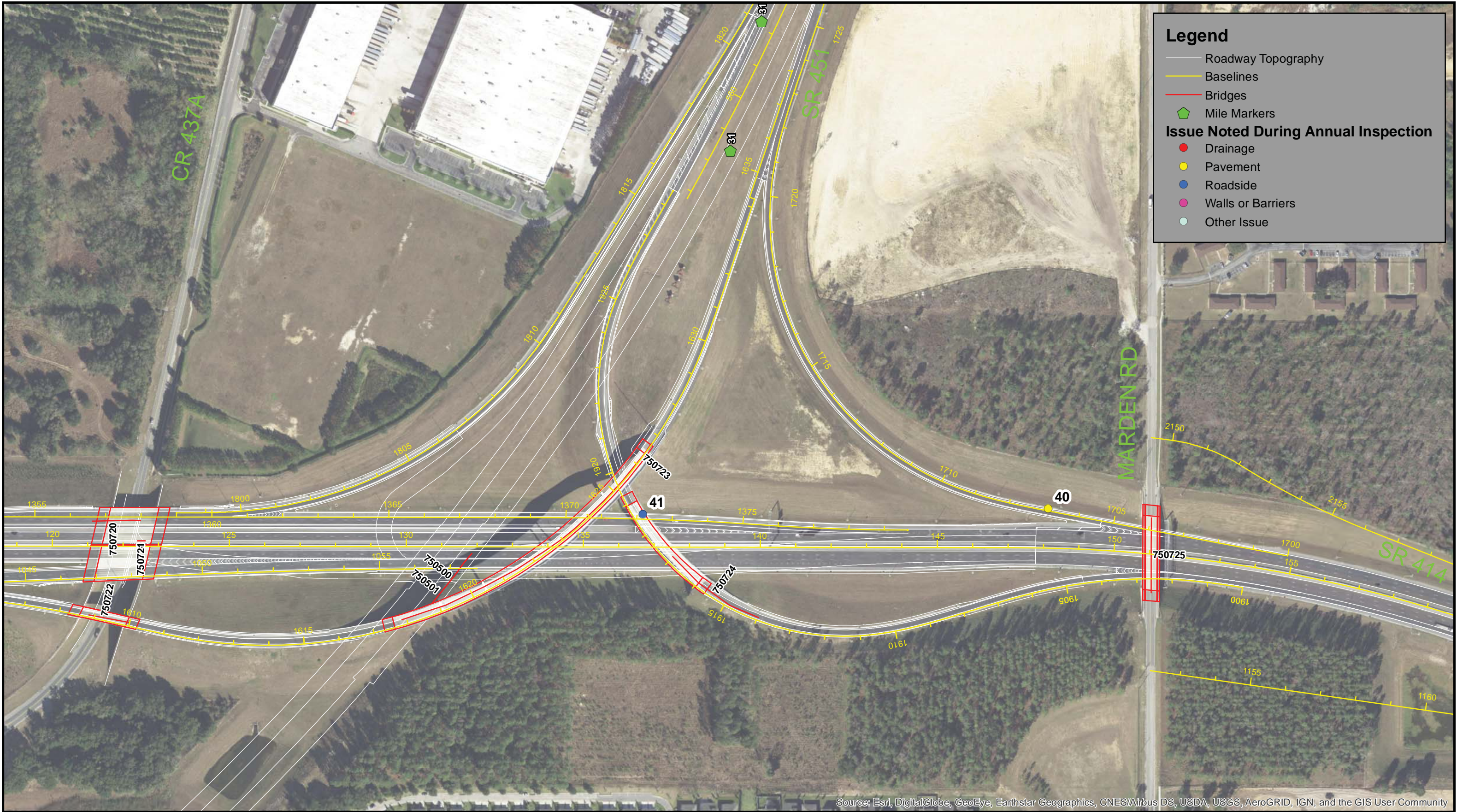
Other Issue





CFX Annual Inspection FY 2018

Aerial Field Work Map
SR 451/SR 414- Sheet 4



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

CFX Annual Inspection FY 2018

Aerial Field Work Map
SR 451/SR 414- Sheet 5



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

CFX Annual Inspection FY 2018

Aerial Field Work Map
SR 451/SR 414- Sheet 6



CFX Annual Inspection FY 2018

Aerial Field Work Map
SR 451/SR 414- Sheet 7



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

CFX Annual Inspection FY 2018

Aerial Field Work Map
SR 451/SR 414- Sheet 8



Legend

- Roadway Topography
- Baselines
- Bridges
- ◆ Mile Markers

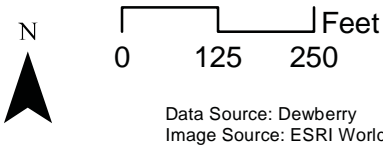
Issue Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue

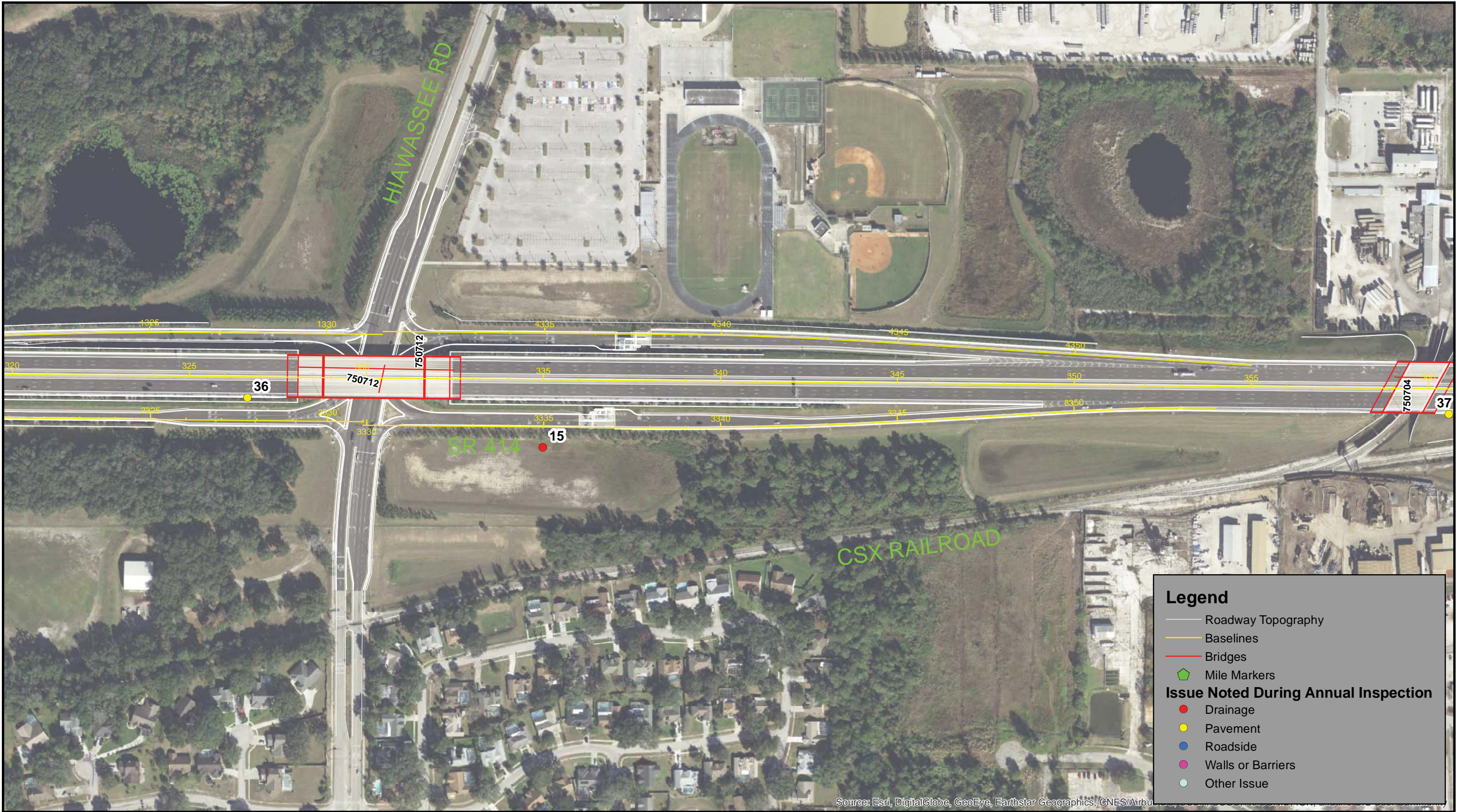


CFX Annual Inspection FY 2018

Aerial Field Work Map
SR 451/SR 414- Sheet 9



Data Source: Dewberry
Image Source: ESRI World



CFX Annual Inspection FY 2018

Aerial Field Work Map
SR 451/SR 414- Sheet 10



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



CFX Annual Inspection FY 2018

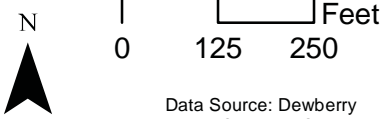
Aerial Field Work Map
SR 451/SR 414- Sheet 12



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

CFX Annual Inspection FY 2018

Aerial Field Work Map
SR 451/SR 414- Sheet 13



Data Source: Dewberry
Image Source: ESRI World

SR 414 and SR 451 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers*	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3
SR 414	1	BJB, ZF	8/7/2017	Other Issue 1	N/A	Other Issue			2	Fiber optic locator missing	IMG_0004167.jpg		
SR 414	2	BJB, ZF	8/7/2017	Walls or Barriers 2	N/A	Walls or Barriers	Other		3	Power wash	IMG_0004168.jpg		
SR 414	3	BJB, ZF	8/7/2017	Roadside 3	N/A	Roadside	Fence		2		IMG_0004169.jpg		
SR 414	4	BJB, ZF	8/7/2017	Roadside 4	N/A	Roadside	Erosion		2		IMG_0004170.jpg		
SR 414	5	BJB, ZF	8/7/2017	Pavement 5	N/A	Pavement	Striping or Pavement Marking	Travel Lanes	2		IMG_0004171.jpg		
SR 414	6	BJB, ZF	8/7/2017	Pavement 6	N/A	Pavement	Striping or Pavement Marking	Travel Lanes	2		IMG_0004172.jpg		
SR 414	7	BJB, ZF	8/7/2017	Drainage 7	N/A	Drainage	Drainage Structure		2	Structure filled with sand/sediment	IMG_0004173.jpg		
SR 414	8	BJB, ZF	8/7/2017	Drainage 8	N/A	Drainage	Drainage Structure		2	Structure filled with sand/sediment	IMG_0004174.jpg		
SR 414	9	BJB, ZF	8/7/2017	Drainage 9	N/A	Drainage	Drainage Structure		2	Structure filled with sand/sediment	IMG_0004175.jpg		
SR 414	10	BJB, ZF	8/7/2017	Roadside 10	N/A	Roadside	Erosion		2		IMG_0004176.jpg		
SR 414	11	BJB, ZF	8/7/2017	Roadside 11	N/A	Roadside	Fence		2	Fence completely covered with vegetation	IMG_0004177.jpg		
SR 414	12	BJB, ZF	8/7/2017	Roadside 12	N/A	Roadside	Erosion		1		IMG_0004178.jpg	IMG_0005179.jpg	
SR 414	13	BJB, ZF	8/7/2017	Roadside 13	N/A	Roadside	Fence		2	Fence damaged	IMG_0004180.jpg		
SR 414	14	BJB, ZF	8/7/2017	Roadside 14	N/A	Roadside	Fence		2	Fence gate inoperable	IMG_0004181.jpg		
SR 414	15	BJB, ZF	8/7/2017	Drainage 15	N/A	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_0004182.jpg		
SR 414	16	BJB, ZF	8/7/2017	Roadside 16	N/A	Roadside	Erosion		2		IMG_0004183.jpg		
SR 414	17	BJB, ZF	8/7/2017	Drainage 17	N/A	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0004184.jpg		
SR 414	18	BJB, ZF	8/7/2017	Roadside 18	N/A	Roadside	Erosion		2		IMG_0004185.jpg		
SR 414	19	BJB, ZF	8/7/2017	Roadside 19	N/A	Roadside	Erosion		1	Shoulder erosion	IMG_0004186.jpg	IMG_0005187.jpg	
SR 414	20	BJB, ZF	8/7/2017	Walls or Barriers 20	N/A	Walls or Barriers	Retaining Wall		2		IMG_0004188.jpg		
SR 414	21	BJB, ZF	8/7/2017	Drainage 21	N/A	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0004189.jpg		
SR 414	22	BJB, ZF	8/7/2017	Roadside 22	N/A	Roadside	Erosion		1		IMG_0004190.jpg		
SR 414	23	BJB, ZF	8/7/2017	Drainage 23	N/A	Drainage	Flume/ Concrete Apron		3	Structure needs vegetation maintenance	IMG_0004191.jpg		
SR 414	24	BJB, ZF	8/7/2017	Drainage 24	N/A	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0004192.jpg		
SR 414	25	BJB, ZF	8/7/2017	Drainage 25	N/A	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0004193.jpg		
SR 451	26	DH, ZF	8/4/2017	Drainage 26	31-32	Drainage	Drainage Structure		2	Structure cracking	IMG_0002147.jpg		
SR 451	27	DH, ZF	8/4/2017	Roadside 27	31-32	Roadside	Fence		3	Fence post damaged	IMG_0002148.jpg		
SR 451	28	DH, ZF	8/4/2017	Drainage 28	32+	Drainage	Drainage Structure		3	Structure cracking	IMG_0002149.jpg	IMG_0003150.jpg	
SR 451	29	DH, ZF	8/4/2017	Drainage 29	32+	Drainage	Drainage Structure		3	Structure cracking	IMG_0002151.jpg		
SR 451	30	DH, ZF	8/4/2017	Drainage 30	32+	Drainage	Drainage Structure		3	Structure does not seem to be draining properly	IMG_0002152.jpg	IMG_0003153.jpg	
SR 451	31	DH, ZF	8/4/2017	Drainage 31	32+	Drainage	Drainage Structure		2	Bank erosion around structure	IMG_0002154.jpg	IMG_0003155.jpg	IMG_0004156.jpg
SR 451	32	DH, ZF	8/4/2017	Drainage 32	31-32	Drainage	Drainage Structure		3	Structure cracking	IMG_0002157.jpg		
SR 451	33	DH, ZF	8/4/2017	Pavement 33	32+	Pavement	Edge Ravel	Misc. Asphalt Pavement	3	(There is also erosion around base of light post)	IMG_0002158.jpg	IMG_0003159.jpg	
SR 414	34	DH, ZF	8/4/2017	Drainage 34	N/A	Drainage	Drainage Structure		2	Bank erosion around structure	IMG_0003160.jpg	IMG_0004161.jpg	
SR 414	35	DH, ZF	8/4/2017	Roadside 35	N/A	Roadside	Fence		3	Fence damaged	IMG_0003162.jpg		
SR 414	36	DH, ZF	8/4/2017	Pavement 36	N/A	Pavement	Striping or Pavement Marking	Travel Lanes	2		IMG_0003163.jpg	IMG_0004164.jpg	
SR 414	37	DH, ZF	8/4/2017	Pavement 37	N/A	Pavement	Striping or Pavement Marking	Travel Lanes	3		IMG_0003165.jpg		
SR 414	38	DH, ZF	8/4/2017	Pavement 38	N/A	Pavement	Striping or Pavement Marking	Travel Lanes	1	Yellow stripe inside lane is missing for a stretch	IMG_0003166.jpg		
SR 414	39	BJB, ZF	8/31/2017	Pavement 39	N/A	Pavement	Striping or Pavement Marking	Travel Lanes	2		IMG_0010430.jpg		
SR 414	40	BJB, ZF	8/31/2017	Pavement 40	N/A	Pavement	Striping or Pavement Marking	Travel Lanes	2		IMG_0010431.jpg		
SR 414	41	BJB, ZF	8/31/2017	Roadside 41	N/A	Roadside	Fence		2		IMG_0010432.jpg		
SR 414	42	BJB, ZF	8/31/2017	Roadside 42	N/A	Roadside	Fence		3	Fence covered with vegetation	IMG_0010433.jpg		
SR 414	43	BJB, ZF	8/31/2017	Roadside 43	N/A	Roadside	Erosion		2		IMG_0010434.jpg		
SR 414	44	BJB, ZF	8/31/2017	Roadside 44	N/A	Roadside	Fence		3	Fence covered with vegetation	IMG_0010435.jpg		

SR 414 and SR 451 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers*	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3
SR 414	45	BJB, ZF	8/31/2017	Roadside 45	N/A	Roadside	Erosion		2		IMG_0010436.jpg		
SR 414	46	BJB, ZF	8/31/2017	Drainage 46	N/A	Drainage	Drainage Structure		2		IMG_0010437.jpg		
SR 414	47	BJB, ZF	8/31/2017	Drainage 47	N/A	Drainage	Drainage Structure		3	Structure cracking	IMG_0010438.jpg		
SR 414	48	BJB, ZF	8/31/2017	Roadside 48	N/A	Roadside	Erosion		2		IMG_0010439.jpg		
SR 414	49	BJB, ZF	9/5/2017	Drainage 49	N/A	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_0010440.jpg		
SR 414	50	BJB, ZF	9/5/2017	Drainage 50	N/A	Drainage	Drainage Structure		2	All pond structures need vegetation maintenance	IMG_0010441.jpg		

*Mile Marker GIS data was not available for SR 414

Rating Key	
1	Requires Immediate Attention
2	Poor Condition but Operable
3	Routine Maintenance Needed



2017 Annual Facilities Inspection Report



Coral Hills Main Plaza

October 10, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807

Inspection Date: 10/10/17
Arrived: 8:30 AM
Weather: 91 °, partly cloudy

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the Coral Hills Mainline Plaza.

67 – Coral Hills Main Plaza

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring, doorways and HVAC system. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- Main Plaza has cracks in the glass windows in the manager's office and break room. (Figure 1)
- Main Plaza doors to janitor closet and ladies restroom are sticking.
- Main Plaza HVAC in computer room missing vent cover. (Figure 2)
- Main Plaza HVAC vent has potential mold in ceiling tile near break room. (Figure 3)
- Main Plaza HVAC vent in ceiling is filled with debris. (Figure 4)

Overpass Observations:

- The above referenced overpass is in good condition overall with no identified deficiencies.

Exterior Observations:

- Some electrical outlets in the toll plazas are missing power. (Figure 5 & Figure 6)

Recommendations:

- Recommend HVAC contractor provide general maintenance.
- Recommend pressure wash on exterior walkway.
- Recommend general maintenance to repair the janitor and ladies restroom doors.
- Recommend electrical contractor provide maintenance on the electrical outlets missing power.

68 – Keene Road Ramp – On Observations:

The above referenced on ramp is in good condition overall. (Figure 7 & Figure 8)

69 – Keene Road Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance on the electrical wiring for the circuits without power is recommended. (Figure 9 & Figure 10)

70 – Hiawassee Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Electrical outlet covers for the condenser units on the roof are recommended. (Figure 11 & Figure 12)

71 – Hiawassee Ramp – On Observations:

The above referenced on ramp is in good condition overall. Recommend some maintenance to repair tears in duct work. (Figure 13 & Figure 14)

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews



Figure 1 Coral Hills Mainline



Figure 2 Coral Hills Mainline



Figure 3 Coral Hills Mainline



Figure 4 Coral Hills Mainline



Figure 5 Coral Hills Mainline



Figure 6 Coral Hills Mainline



Figure 7 Keene Road Ramp Off



Figure 8 Keene Road Ramp Off



Figure 9 Keene Road Ramp On



Figure 10 Keene Road Ramp On



Figure 11 Hiawassee Ramp Off



Figure 12 Hiawassee Ramp Off



Figure 13 Hiawassee Ramp On



Figure 14 Hiawassee Ramp On

Appendix 4: SR 417







Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

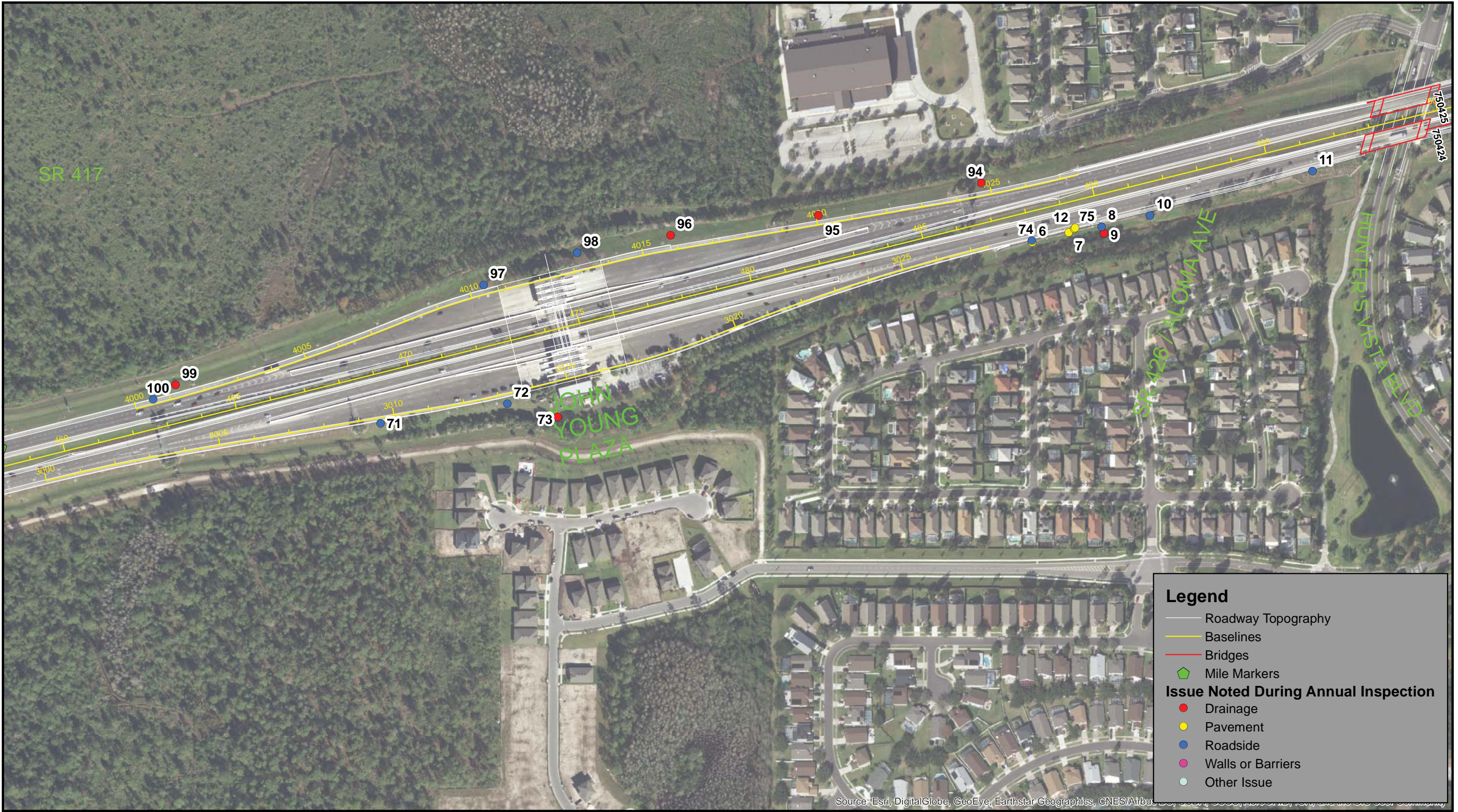


CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 2



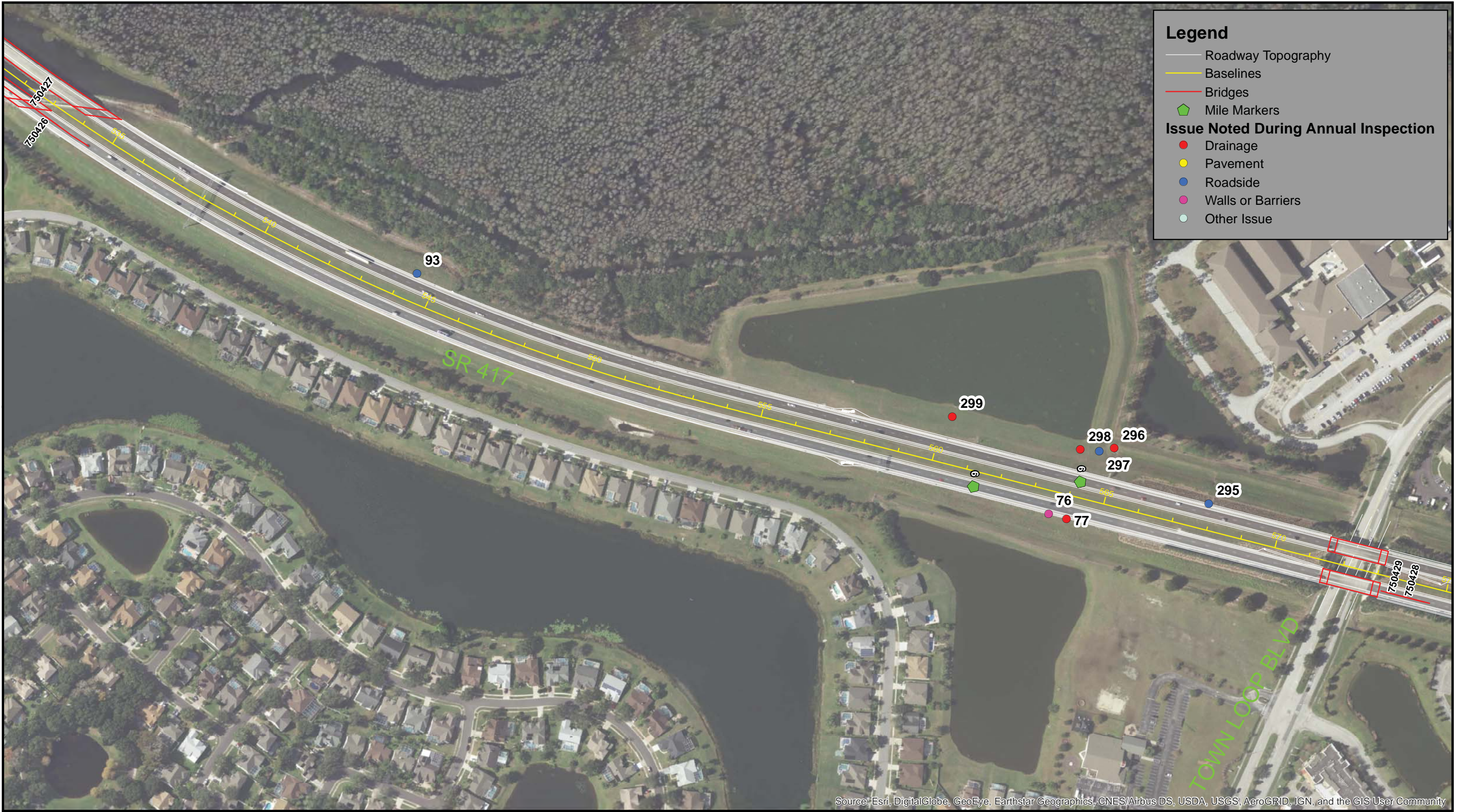
Data Source: Dewberry
Image Source: ESRI World

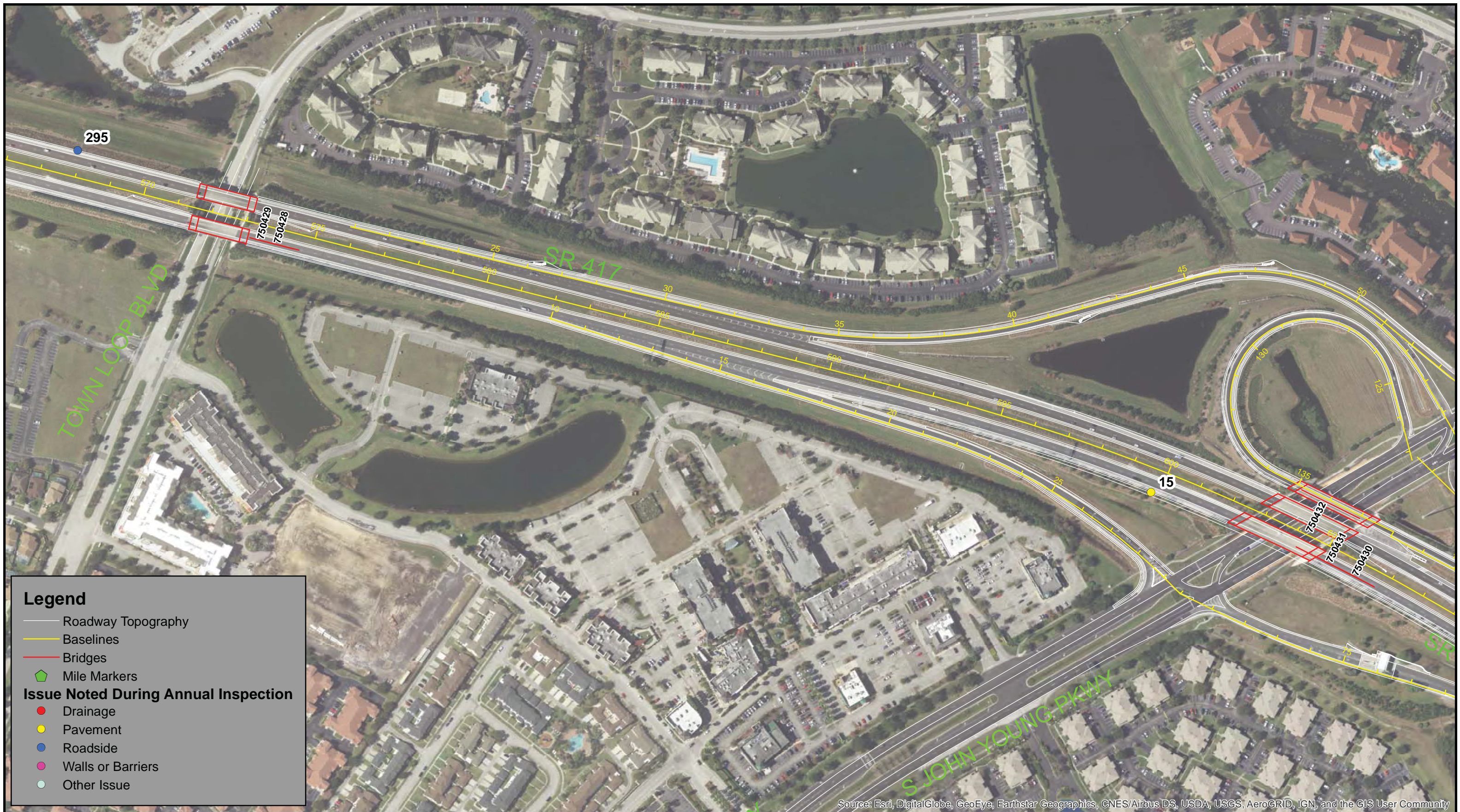




CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 4





CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 6





Legend

- Roadway Topography
- Baselines
- Bridges
- ◆ Mile Markers
- Issue Noted During Annual Inspection**
- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue

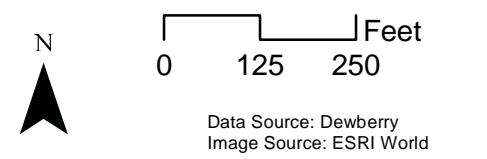
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

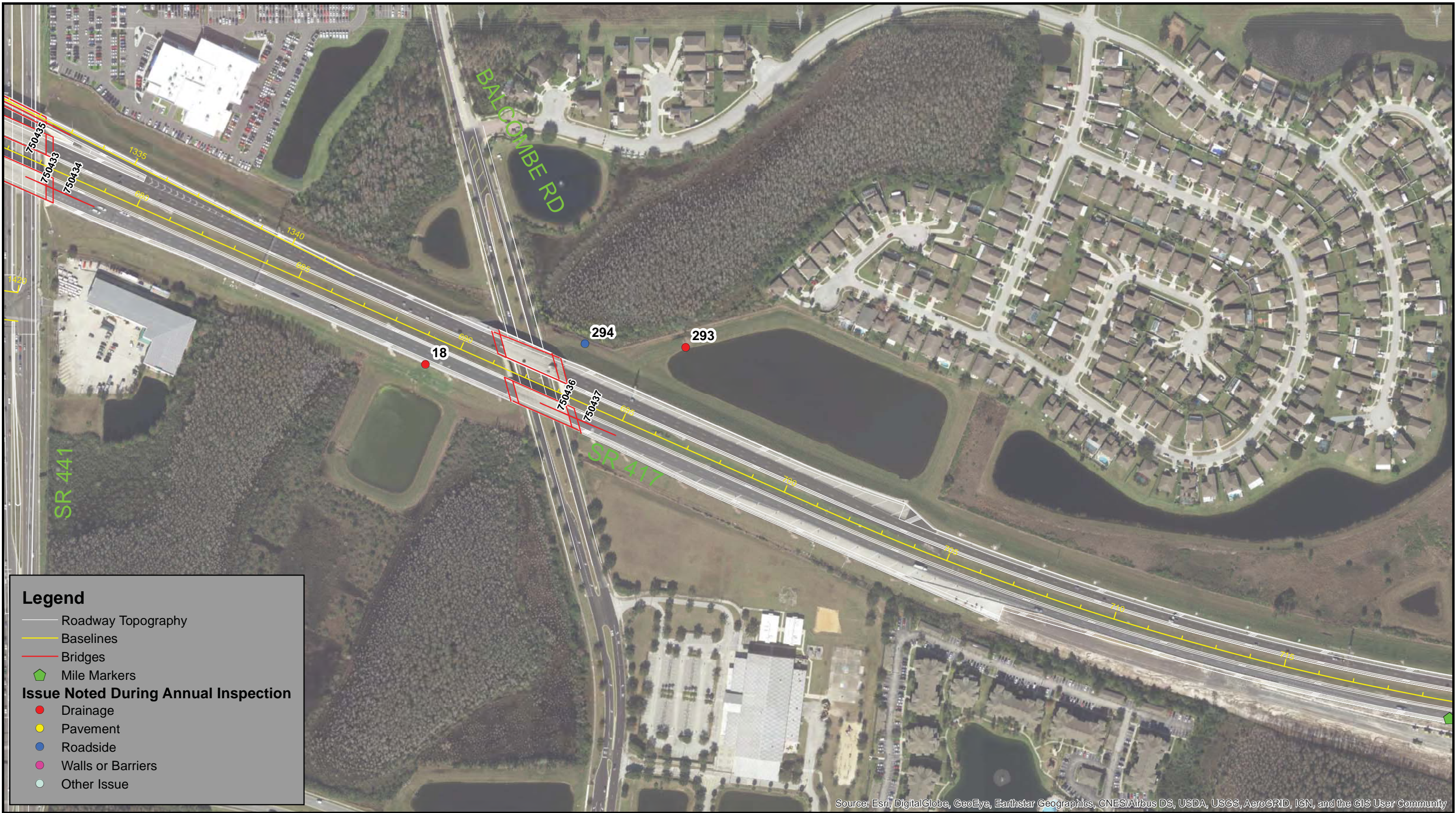


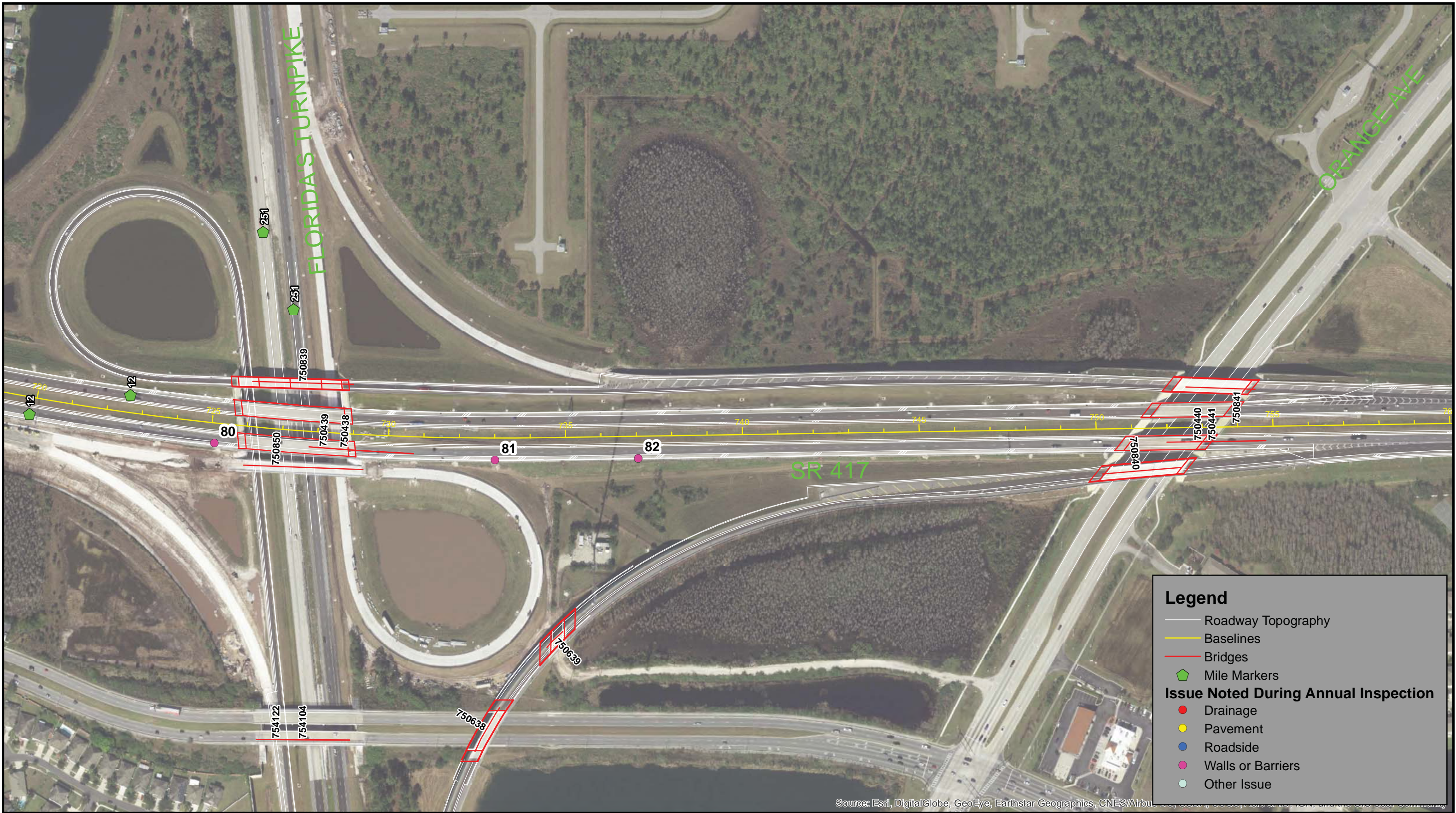
CFX Annual Inspection FY 2018

Inspection Results Map

SR 417- Sheet 8



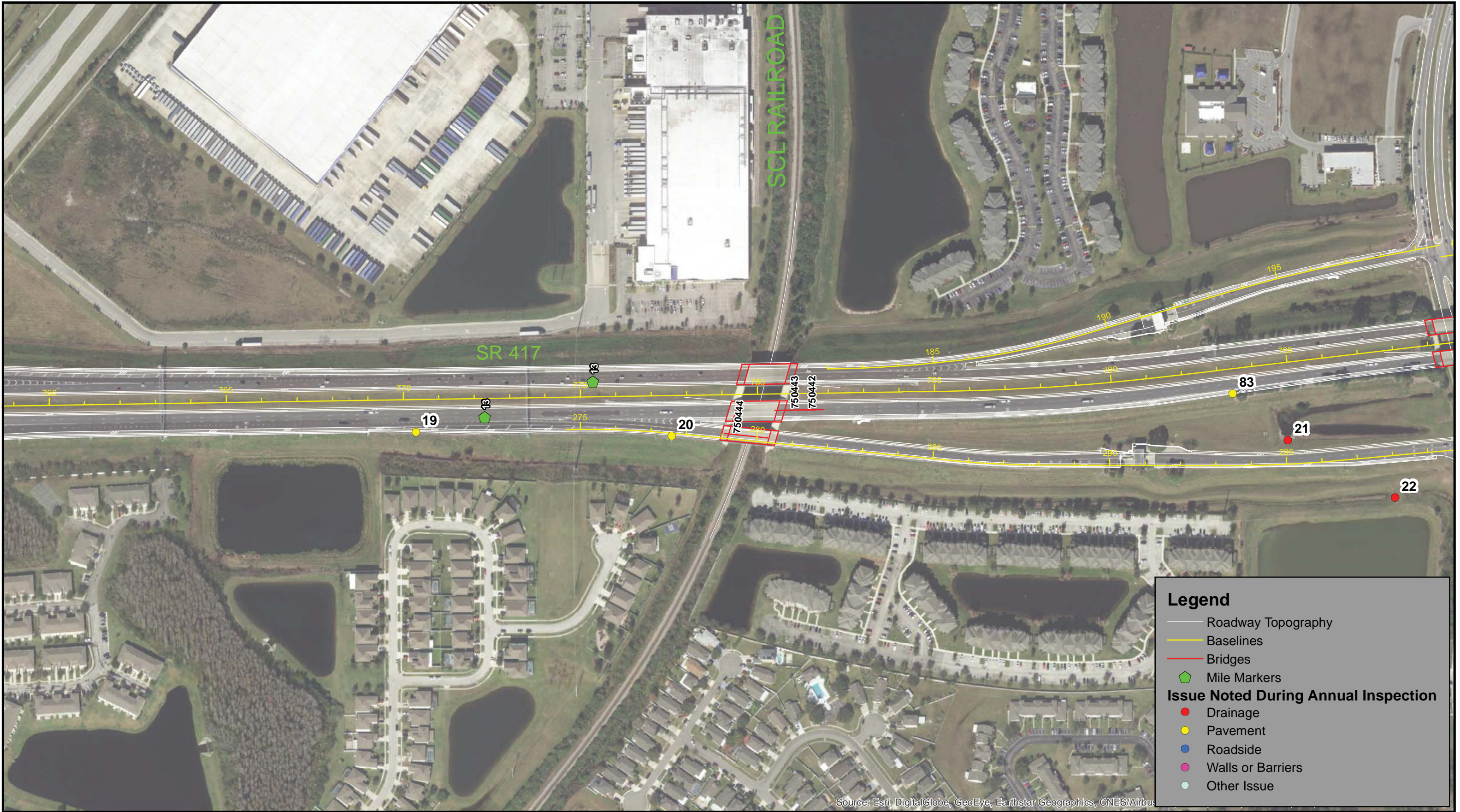


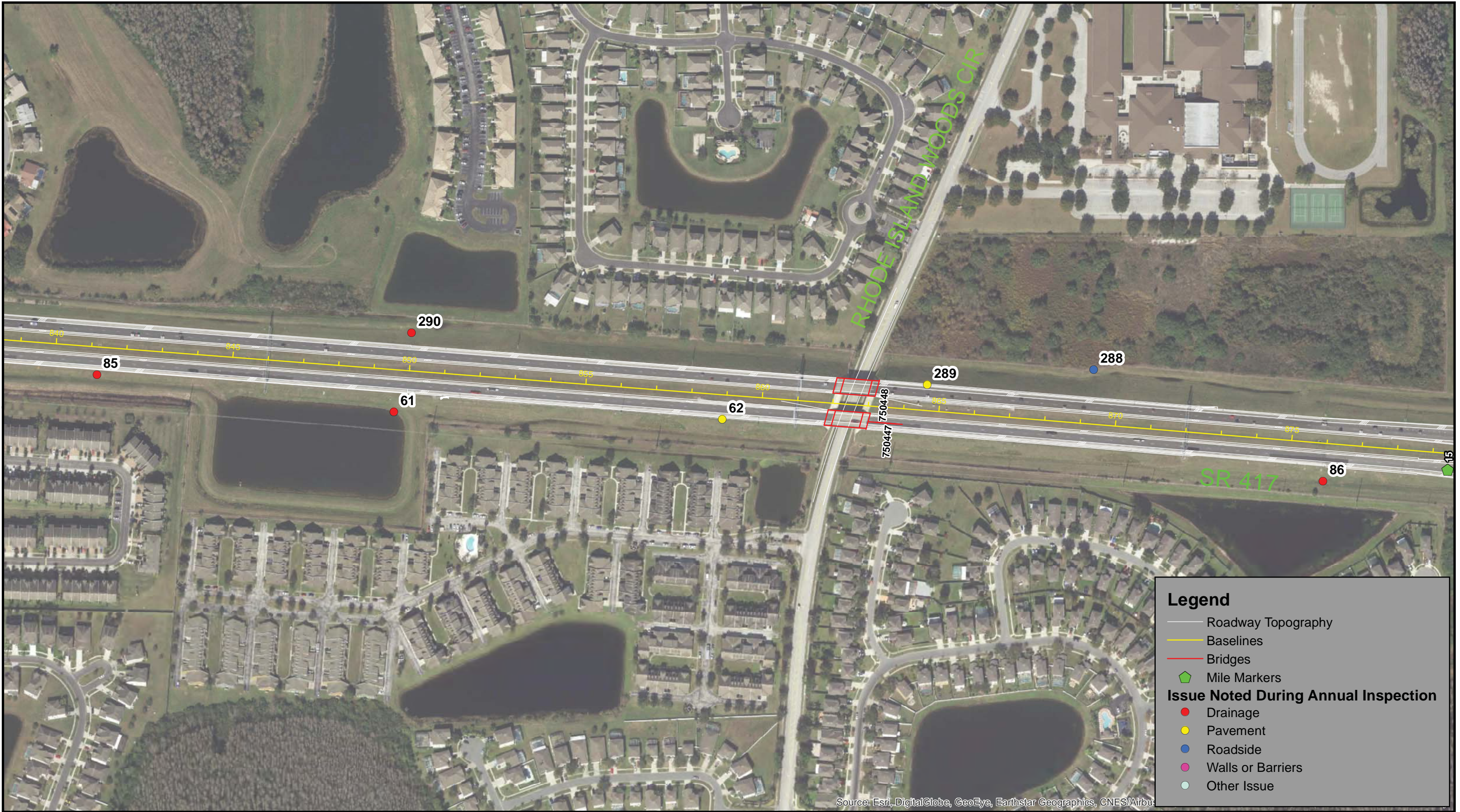


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus, USDA, AeroGRID, IGN, SIA, USGS Earth Explorer, AeroGRID, IGN, SIA, USGS Earth Explorer

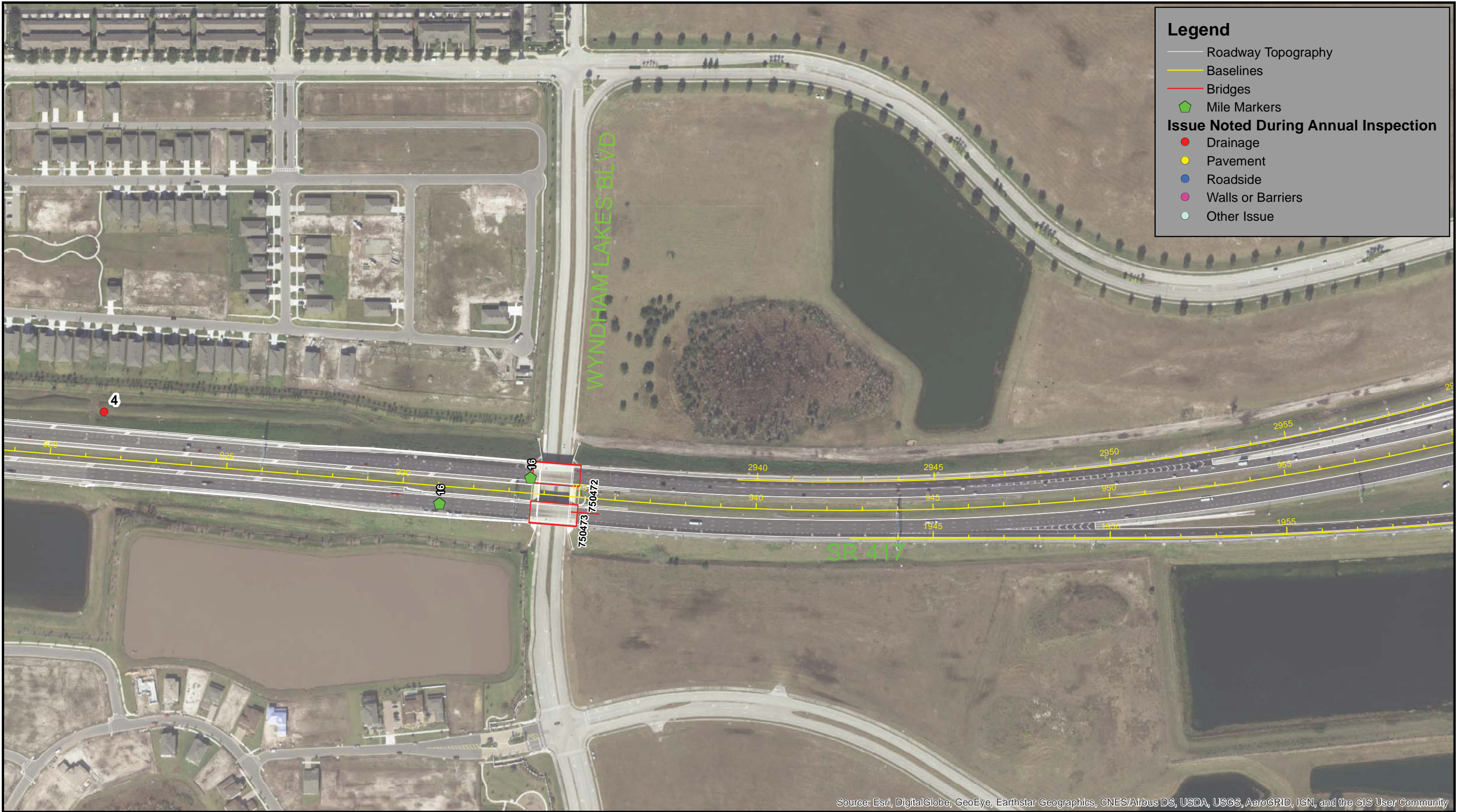
CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 10



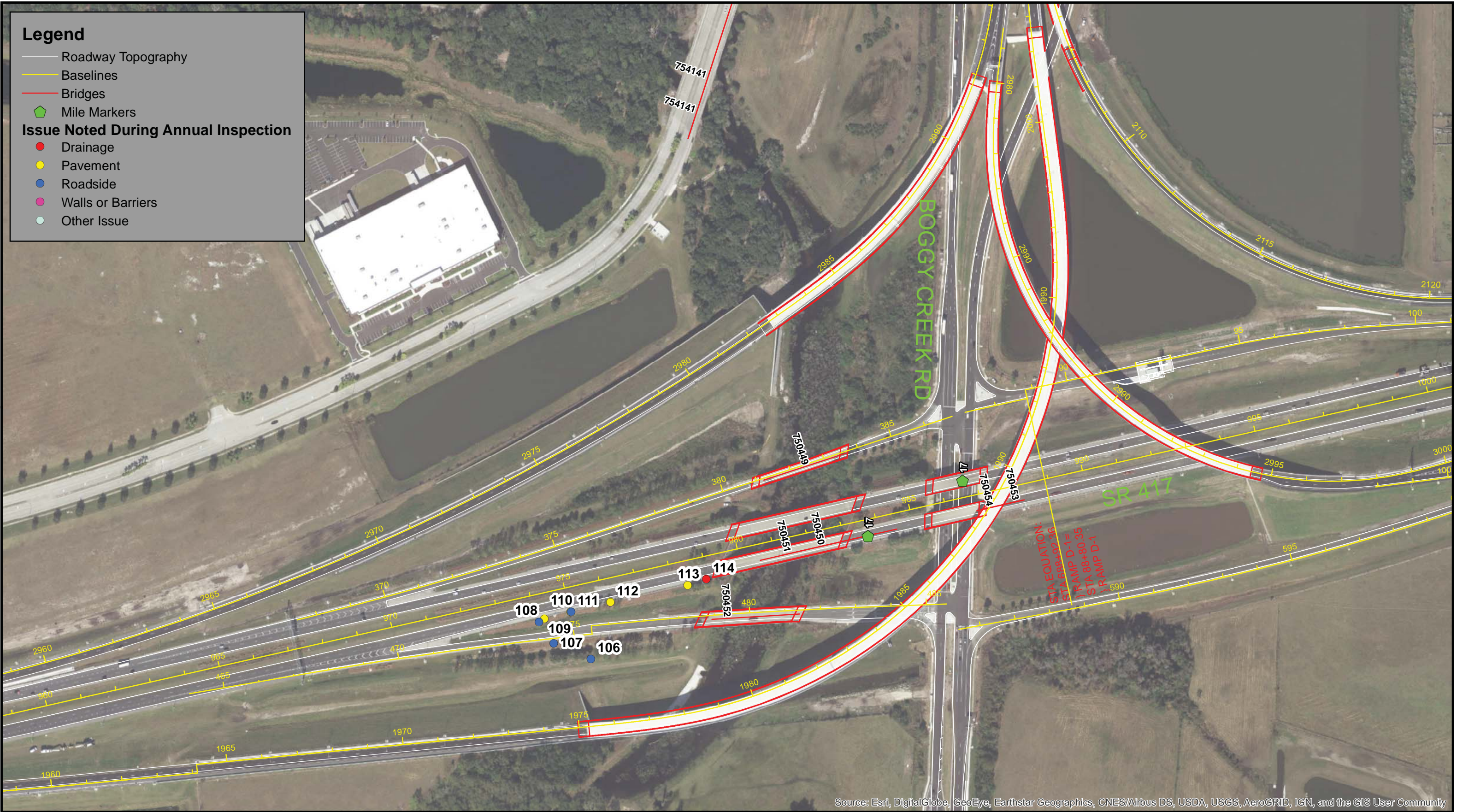






CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 15







CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 18



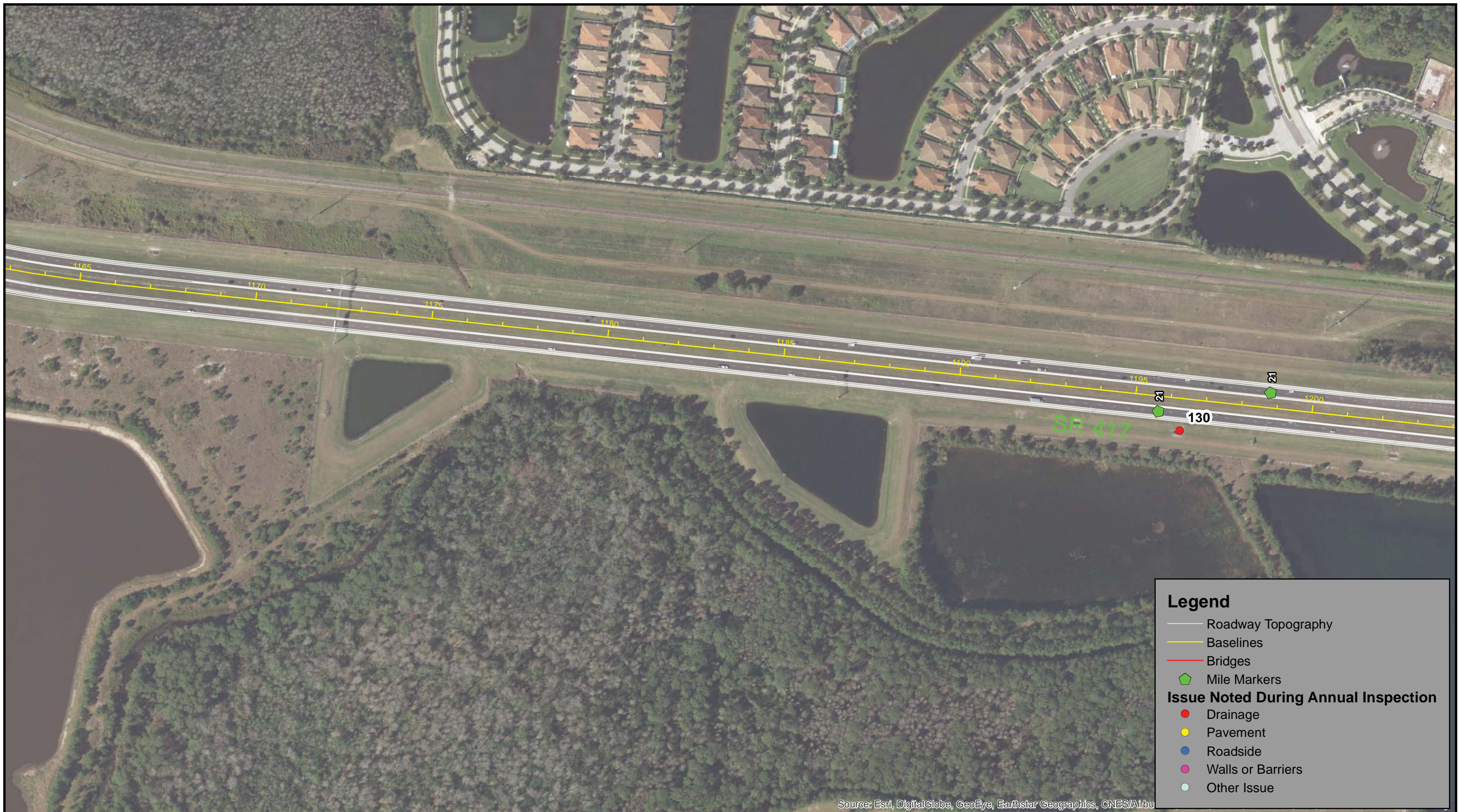
CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 19



CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 20



CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 21





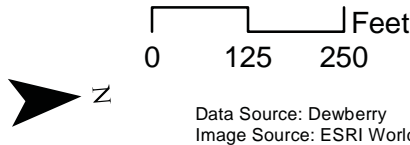


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



CFX Annual Inspection FY 2018

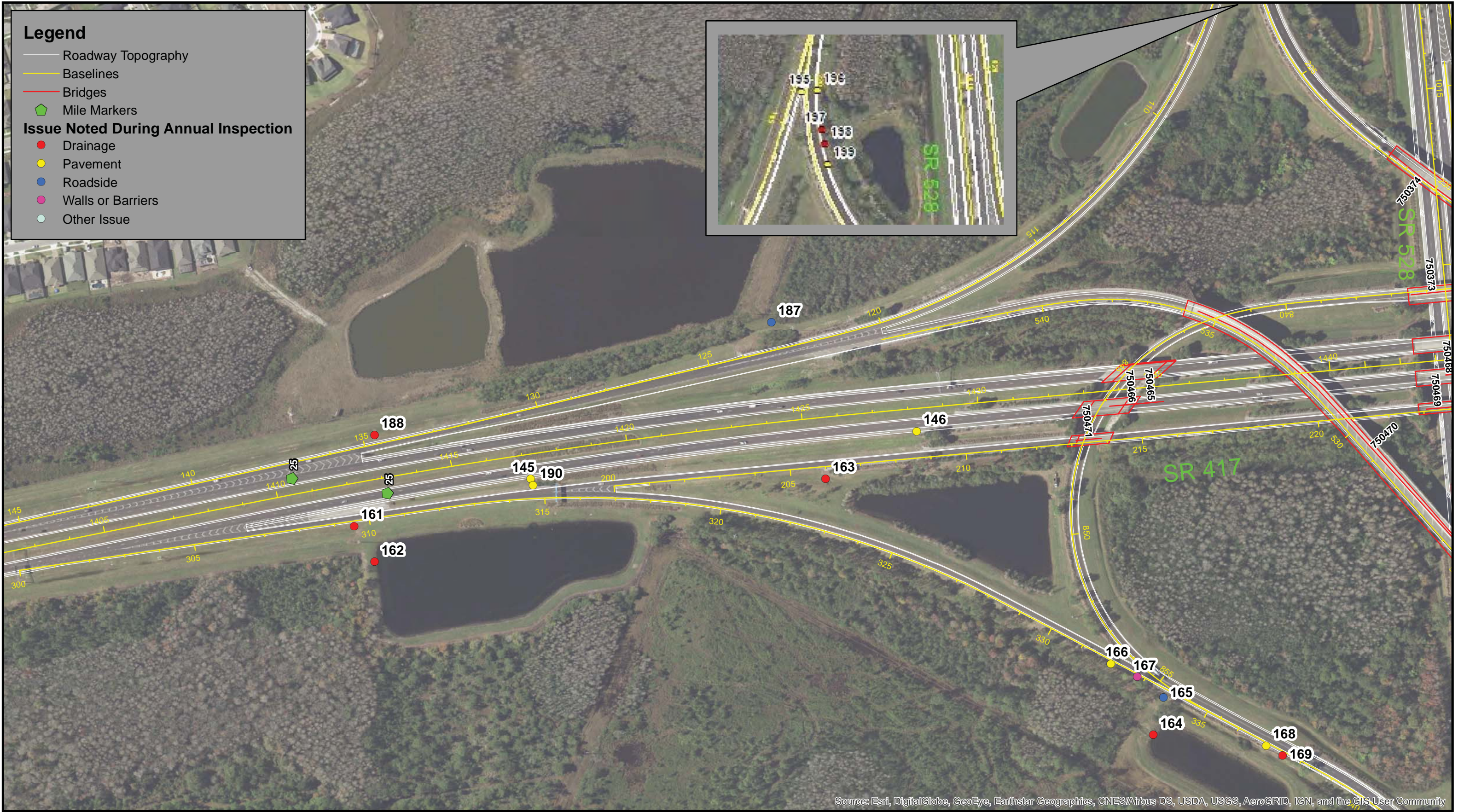
Inspection Results Map
SR 417- Sheet 25

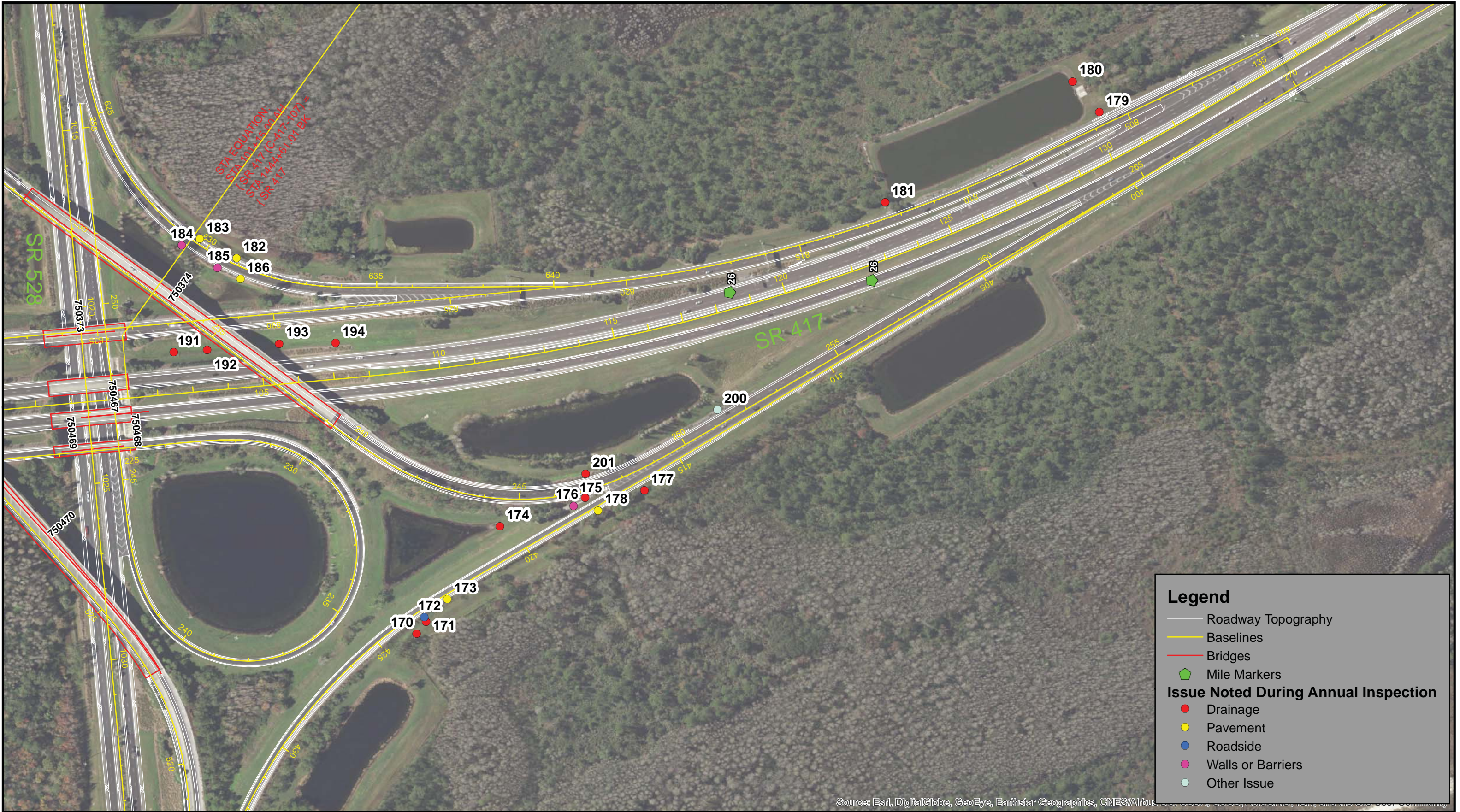




CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 26

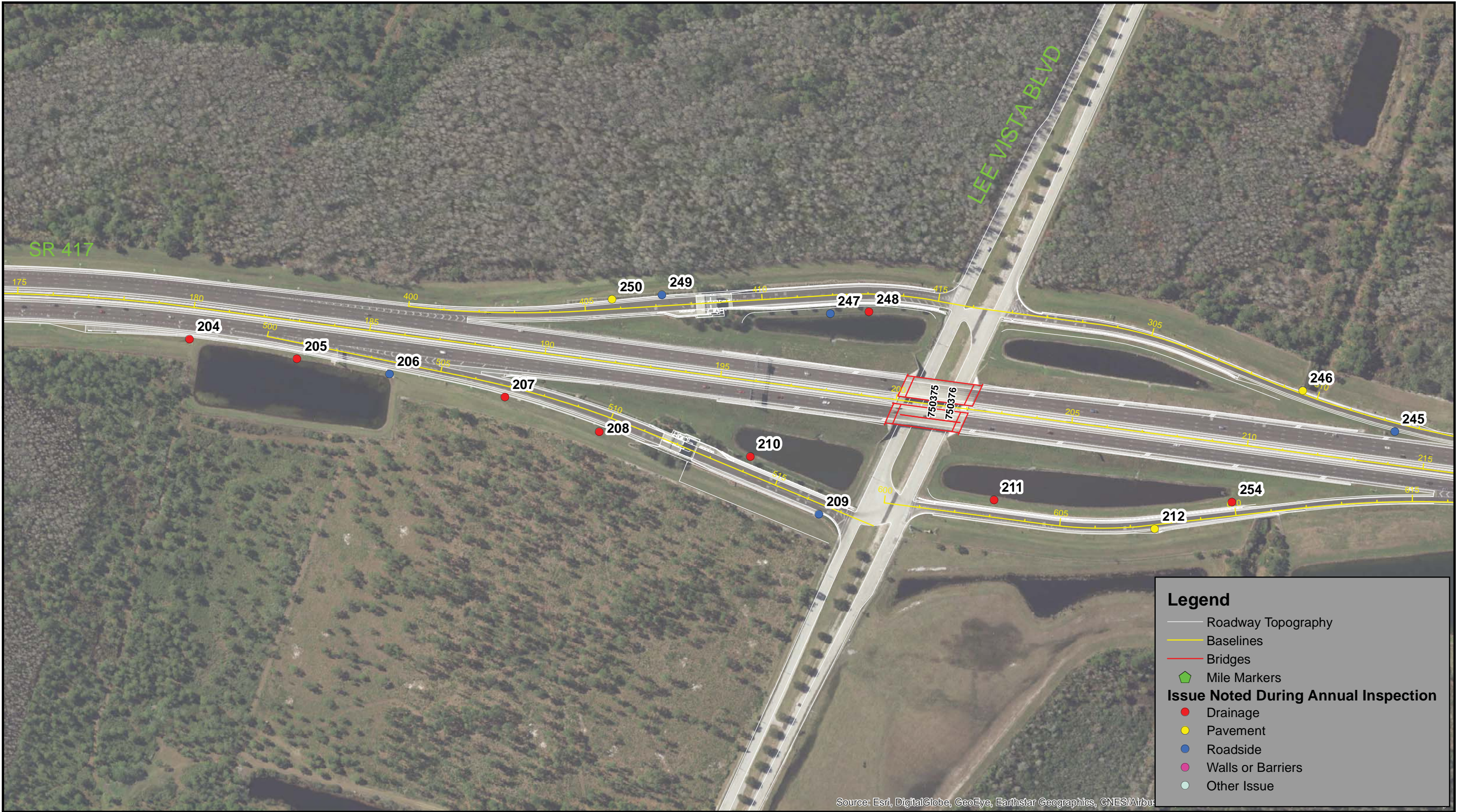






CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 29

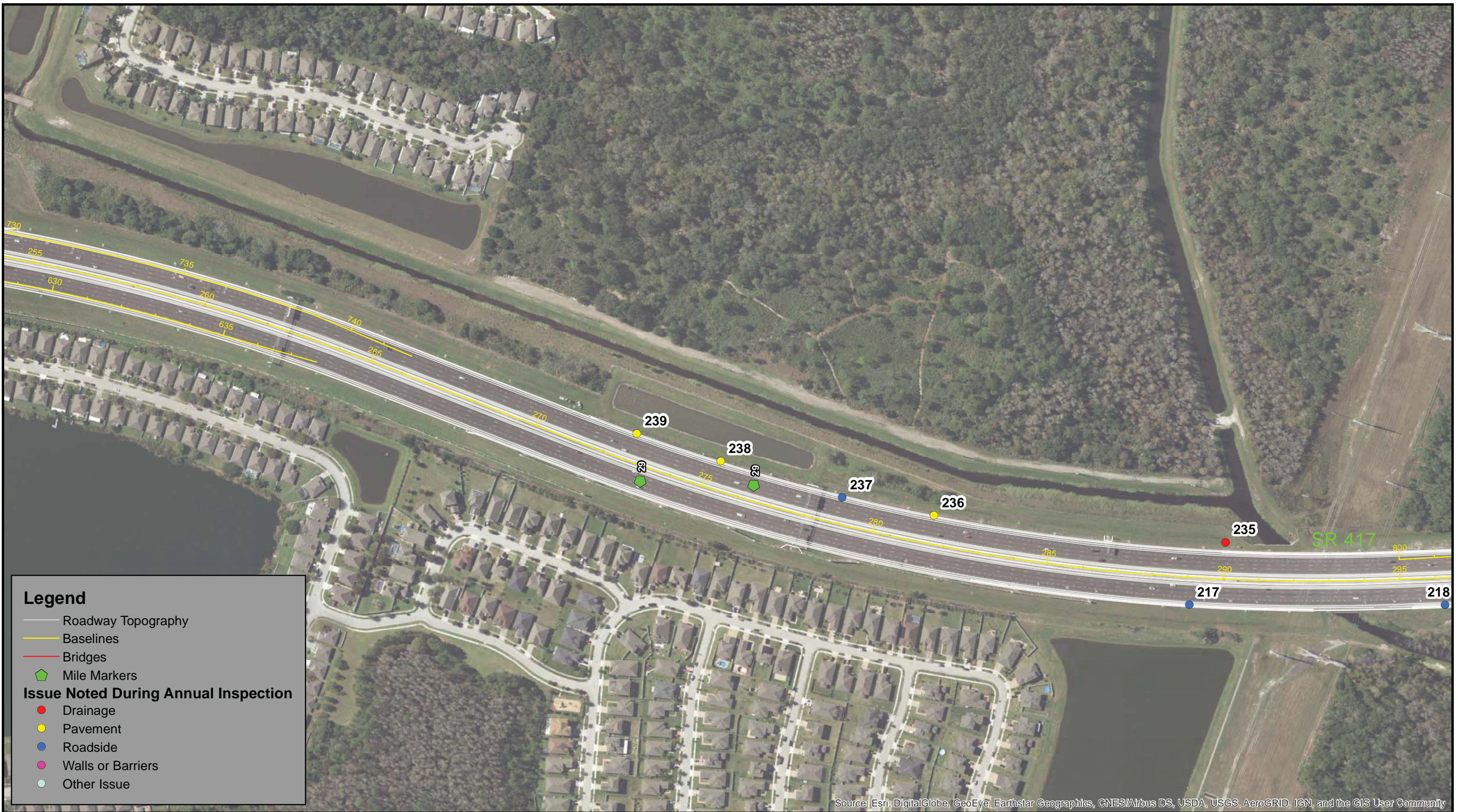


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus

CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 30





Legend

- Roadway Topography
- Baselines
- Bridges
- ▬ Mile Markers

Issue Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 32



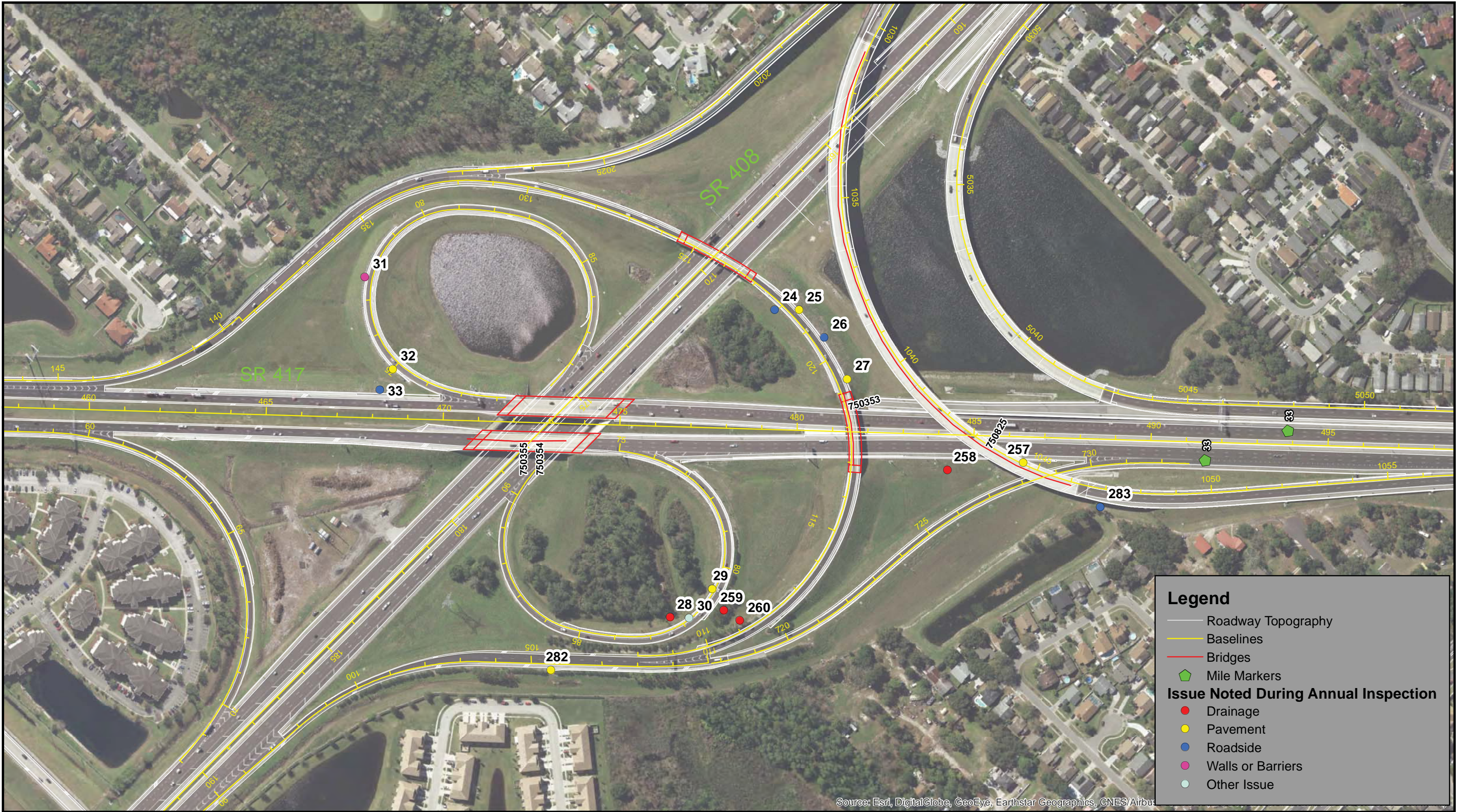




CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 34





CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 37

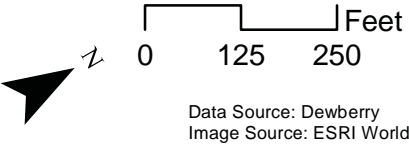






CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 41

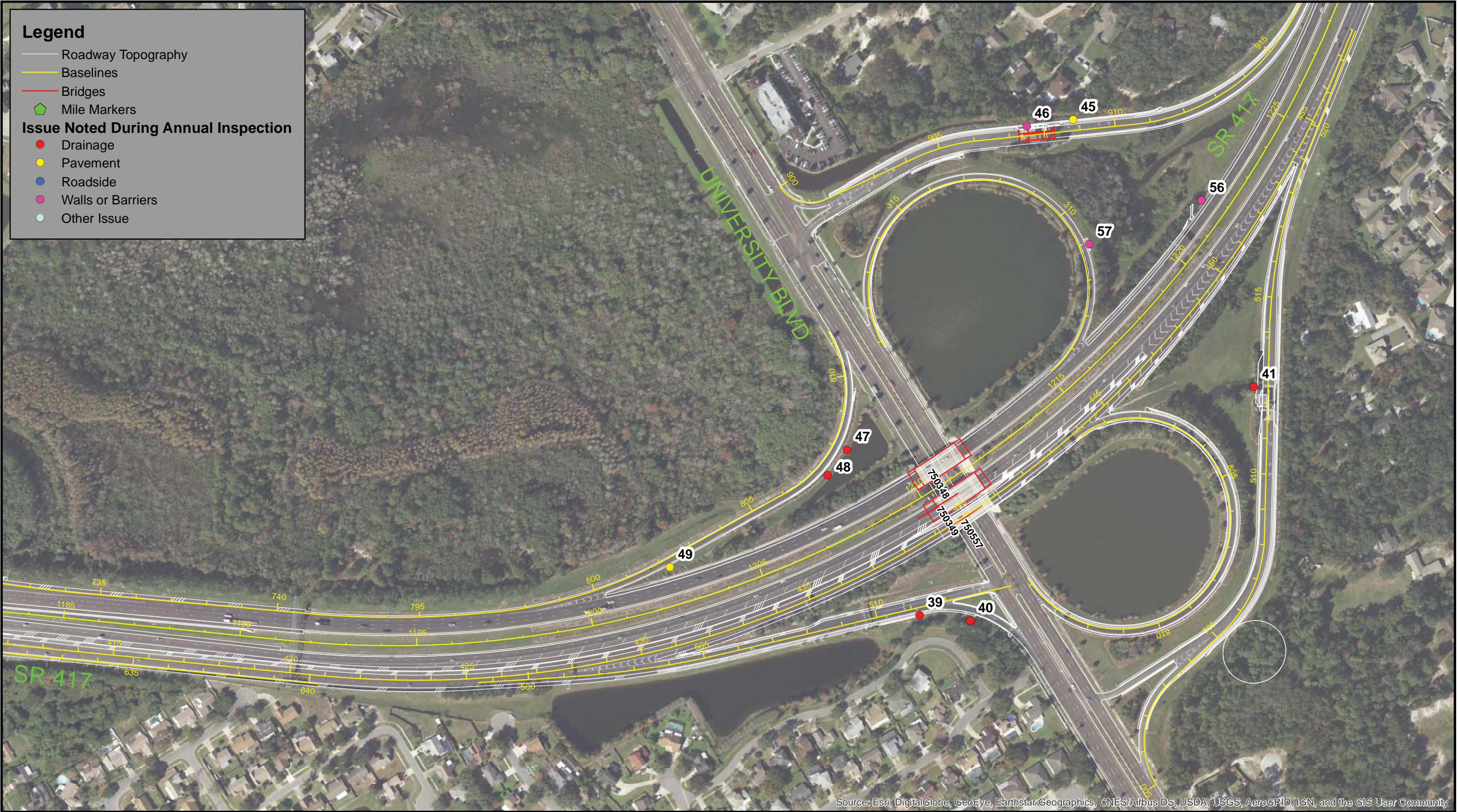


Legend

- Roadway Topography
- Baselines
- Bridges
- Mile Markers

Issue Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue



Legend

- Roadway Topography
- Baselines
- Bridges
- Mile Markers

Issue Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



CFX Annual Inspection FY 2018

Inspection Results Map
SR 417- Sheet 44

SR 417 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 417	1	DH, ZF	8/16/2017	Roadside 1	18-19	Roadside	Fence		3	Multiple fence posts damaged	IMG_0004229.jpg				
SR 417	2	DH, ZF	8/16/2017	Roadside 2	18-19	Roadside	Fence		3		IMG_0004230.jpg				
SR 417	3	DH, ZF	8/16/2017	Drainage 3	15-16	Drainage	Drainage Structure		2	Structure cracking	IMG_0004231.jpg	IMG_0005232.jpg			
SR 417	4	DH, ZF	8/16/2017	Drainage 4	15-16	Drainage	Drainage Structure		3	Two structures need vegetation maintenance	IMG_0004233.jpg	IMG_0005234.jpg			
SR 417	5	DH, ZF	8/16/2017	Roadside 5	15-16	Roadside	Fence		3		IMG_0004235.jpg				
SR 417	6	ECP, ZF	8/29/2017	Pavement 6	7-8	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_0005360.jpg	IMG_0006361.jpg			
SR 417	7	ECP, ZF	8/29/2017	Pavement 7	7-8	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0005362.jpg				
SR 417	8	ECP, ZF	8/29/2017	Roadside 8	7-8	Roadside	Erosion		3		IMG_0005363.jpg	IMG_0006364.jpg			
SR 417	9	ECP, ZF	8/29/2017	Drainage 9	7-8	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0005365.jpg	IMG_0006366.jpg			
SR 417	10	ECP, ZF	8/29/2017	Roadside 10	7-8	Roadside	Erosion		3	Slope erosion (under fire bush)	IMG_0005367.jpg	IMG_0006368.jpg			
SR 417	11	ECP, ZF	8/29/2017	Roadside 11	7-8	Roadside	Lighting		3	Structure cracking	IMG_0005369.jpg	IMG_0006370.jpg			
SR 417	12	ECP, ZF	8/29/2017	Pavement 12	7-8	Pavement	Cracking	Misc. Asphalt Pavement	3		IMG_0005371.jpg	IMG_0006372.jpg			
SR 417	13	ECP, ZF	8/29/2017	Pavement 13	7-8	Pavement	Edge Ravel	Misc. Asphalt Pavement	3	Edge ravel in several places along stretch	IMG_0005373.jpg				
SR 417	14	ECP, ZF	8/29/2017	Roadside 14	5-6	Roadside	Erosion		3	Slope erosion	IMG_0005374.jpg	IMG_0006375.jpg			
SR 417	15	ECP, ZF	8/29/2017	Pavement 15	9-10	Pavement	Other	Misc. Asphalt Pavement	1	Slope erosion and edge ravel	IMG_0005376.jpg	IMG_0006377.jpg	IMG_0007378.jpg		
SR 417	16	ECP, ZF	8/29/2017	Drainage 16	9-10	Drainage	Flume/ Concrete Apron		3	Structure cracking	IMG_0005379.jpg	IMG_0006380.jpg			
SR 417	17	ECP, ZF	8/29/2017	Drainage 17	11-12	Drainage	Drainage Structure		3	All pond structures are submerged	IMG_0005381.jpg				
SR 417	18	ECP, ZF	8/29/2017	Drainage 18	11-12	Drainage	Drainage Structure		3	Manhole ajar	IMG_0005382.jpg				
SR 417	19	ECP, ZF	8/29/2017	Pavement 19	12-13	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0005383.jpg	IMG_0006384.jpg			
SR 417	20	ECP, ZF	8/29/2017	Pavement 20	13-14	Pavement	Edge Ravel	Misc. Asphalt Pavement	1		IMG_0005385.jpg	IMG_0006386.jpg			
SR 417	21	ECP, ZF	8/29/2017	Drainage 21	13-14	Drainage	Drainage Structure		2	Deep bank erosion around structure	IMG_0005387.jpg	IMG_0006388.jpg			
SR 417	22	ECP, ZF	8/29/2017	Drainage 22	13-14	Drainage	Drainage Structure		2	Structure filled with sediment and vegetation (both sides of cross drain)	IMG_0006389.jpg				
SR 417	23	ECP, ZF	8/29/2017	Drainage 23	13-14	Drainage	Drainage Structure		1	Bank erosion around structure. Pipe of drainage structure caved in.	IMG_0006390.jpg	IMG_0007391.jpg	IMG_0008392.jpg		
SR 417	24	ECP, ZF	10/17/2017	Roadside 24	32-33	Roadside	Erosion		2	Slope erosion	IMG_00541277.jpg	IMG_00551278.jpg			
SR 417	25	ECP, ZF	10/17/2017	Pavement 25	32-33	Pavement	Cracking	Misc. Asphalt Pavement	3		IMG_00541279.jpg	IMG_00551280.jpg			
SR 417	26	ECP, ZF	10/17/2017	Roadside 26	32-33	Roadside	Erosion		3	Slope erosion and misc. asphalt erosion	IMG_00541281.jpg				
SR 417	27	ECP, ZF	10/17/2017	Pavement 27	32-33	Pavement	Cracking	Misc. Asphalt Pavement	3		IMG_00541282.jpg				
SR 417	28	ECP, ZF	10/17/2017	Drainage 28	32-33	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_00541283.jpg				
SR 417	29	ECP, ZF	10/17/2017	Pavement 29	32-33	Pavement	Cracking	Misc. Asphalt Pavement	3		IMG_00541284.jpg				
SR 417	30	ECP, ZF	10/17/2017	Other Issue 30	32-33	Other Issue			3	Delineators broken (other side of road)	IMG_00541285.jpg	IMG_00551286.jpg			
SR 417	31	ECP, ZF	10/17/2017	Walls or Barriers 31	32-33	Walls or Barriers	Guardrail		1	Guardrail damaged	IMG_00541287.jpg	IMG_00551288.jpg			

SR 417 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 417	32	ECP, ZF	10/17/2017	Pavement 32	32-33	Pavement	Cracking	Travel Lanes	2		IMG_00541289.jpg				
SR 417	33	ECP, ZF	10/17/2017	Roadside 33	32-33	Roadside	Erosion		3	Slope erosion	IMG_00541290.jpg				
SR 417	34	ECP, ZF	10/17/2017	Drainage 34	34-35	Drainage	Drainage Structure		2	Structure filled with sediment and vegetation	IMG_00541291.jpg	IMG_00551292.jpg			
SR 417	35	ECP, ZF	10/17/2017	Roadside 35	34-35	Roadside	Erosion		2	Slope erosion- multiple spots	IMG_00541293.jpg	IMG_00551294.jpg			
SR 417	36	ECP, ZF	10/17/2017	Pavement 36	34-35	Pavement	Pothole	Misc. Asphalt Pavement	3		IMG_00541295.jpg				
SR 417	37	ECP, ZF	10/17/2017	Drainage 37	34-35	Drainage	Drainage Structure		2	Structure covered (no space for flow, dirt needs to be removed)	IMG_00541296.jpg				
SR 417	38	ECP, ZF	10/17/2017	Walls or Barriers 38	35-36	Walls or Barriers	Other		2	Damage on base of bridge	IMG_00541297.jpg	IMG_00551298.jpg			
SR 417	39	ECP, ZF	10/17/2017	Drainage 39	36-37	Drainage	Drainage Structure		3	Structure damaged	IMG_00541299.jpg				
SR 417	40	ECP, ZF	10/17/2017	Drainage 40	36-37	Drainage	Drainage Structure		2	Structure submerged	IMG_00541300.jpg				
SR 417	41	ECP, ZF	10/17/2017	Drainage 41	36-37	Drainage	Drainage Structure		2	Structure needs vegetation maintenance (also need to locate structure)	IMG_00541301.jpg				
SR 417	42	ECP, ZF	10/17/2017	Drainage 42	37-38	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_00541302.jpg				
SR 417	43	ECP, ZF	10/17/2017	Drainage 43	37-38	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_00541303.jpg				
SR 417	44	ECP, ZF	10/17/2017	Drainage 44	36-37	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_00541304.jpg				
SR 417	45	ECP, ZF	10/17/2017	Pavement 45	36-37	Pavement	Edge Ravel	Misc. Asphalt Pavement	2	Edge ravel in several places along stretch	IMG_00541305.jpg	IMG_00541306.jpg	IMG_00551307.jpg		
SR 417	46	ECP, ZF	10/17/2017	Walls or Barriers 46	36-37	Walls or Barriers	Guardrail		1	Guardrail damaged	IMG_00541308.jpg	IMG_00551309.jpg			
SR 417	47	ECP, ZF	10/17/2017	Drainage 47	36-37	Drainage	Drainage Structure		3	Structure needs debris maintenance	IMG_00541310.jpg				
SR 417	48	ECP, ZF	10/17/2017	Drainage 48	36-37	Drainage	Drainage Structure		3	Structure submerged	IMG_00541311.jpg				
SR 417	49	ECP, ZF	10/17/2017	Pavement 49	36-37	Pavement	Edge Ravel	Misc. Asphalt Pavement	1	Slope erosion	IMG_00541312.jpg				
SR 417	50	ECP, ZF	10/17/2017	Roadside 50	35-36	Roadside	Erosion		2	Slope erosion	IMG_00541313.jpg				
SR 417	51	ECP, ZF	10/17/2017	Drainage 51	34-35	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_00541314.jpg				
SR 417	52	ECP, ZF	10/17/2017	Drainage 52	34-35	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_00541315.jpg				
SR 417	53	ECP, ZF	10/17/2017	Roadside 53	34-35	Roadside	Fence		3	Fence damaged	IMG_00541316.jpg				
SR 417	54	ECP, ZF	10/17/2017	Drainage 54	34-35	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_00541317.jpg				
SR 417	55	ECP, ZF	10/17/2017	Roadside 55	34-35	Roadside	Fence		3	Fence damaged	IMG_00541318.jpg				
SR 417	56	ECP, ZF	10/17/2017	Walls or Barriers 56	36-37	Walls or Barriers	Guardrail		1	Guardrail damaged	IMG_00541319.jpg	IMG_00551320.jpg	IMG_00561321.jpg		
SR 417	57	ECP, ZF	10/17/2017	Walls or Barriers 57	36-37	Walls or Barriers	Guardrail		1	Guardrail damaged	IMG_00541322.jpg	IMG_00551323.jpg			
SR 417	58	DH, NB	8/30/2017	Drainage 58	21-22	Drainage	Drainage Structure		3	Bank erosion around structure. Structure damaged.	IMG_0006393.jpg	IMG_0007394.jpg	IMG_0008395.jpg		
SR 417	59	DH, NB	8/30/2017	Roadside 59	21-22	Roadside	Fence		2		IMG_0006396.jpg	IMG_0007397.jpg			
SR 417	60	DH, NB	8/30/2017	Roadside 60	19-20	Roadside	Fence		3		IMG_0006398.jpg				
SR 417	61	DH, NB	8/30/2017	Drainage 61	14-15	Drainage	Drainage Structure		1	Structure submerged and bank erosion around structure	IMG_0006399.jpg	IMG_0007400.jpg			
SR 417	62	DH, NB	8/30/2017	Pavement 62	14-15	Pavement	Other	Misc. Asphalt Pavement	3	Guardrail wood block damaged	IMG_0006401.jpg	IMG_0007402.jpg			
SR 417	63	DH, NB	8/30/2017	Roadside 63	15-16	Roadside	Fence		2		IMG_0007403.jpg	IMG_0008404.jpg			

SR 417 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 417	64	DH, NB	8/30/2017	Drainage 64	15-16	Drainage	Drainage Structure		3	Bank erosion around structure and minor cracking	IMG_0008405.jpg	IMG_0009406.jpg	IMG_0010407.jpg		
SR 417	65	ECP, RT	8/15/2017	Roadside 65	5-6	Roadside	Erosion	Misc. Asphalt Pavement	1	Misc. Asphalt	IMG_0004194.jpg	IMG_0005195.jpg			
SR 417	66	ECP, RT	8/15/2017	Roadside 66	6-7	Roadside	Erosion	Misc. Asphalt Pavement	2	Misc. asphalt	IMG_0004196.jpg	IMG_0005197.jpg	IMG_0006198.jpg		
SR 417	67	ECP, RT	8/15/2017	Walls or Barriers 67	5-6	Walls or Barriers	Other		3	Brick cracking	IMG_0004199.jpg				
SR 417	68	ECP, RT	8/15/2017	Roadside 68	5-6	Roadside	Erosion		3		IMG_0004200.jpg	IMG_0005201.jpg	IMG_0006202.jpg		
SR 417	69	ECP, RT	8/15/2017	Drainage 69	6-7	Drainage	Drainage Structure		3	Structure needs debris maintenance	IMG_0004203.jpg				
SR 417	70	ECP, RT	8/15/2017	Drainage 70	6-7	Drainage	Drainage Structure		3	Bank erosion around structure	IMG_0004204.jpg	IMG_0005205.jpg			
SR 417	71	ECP, RT	8/15/2017	Roadside 71	7-8	Roadside	Erosion		3	Slope erosion	IMG_0004206.jpg	IMG_0005207.jpg			
SR 417	72	ECP, RT	8/15/2017	Roadside 72	7-8	Roadside	Erosion		3	Slope erosion	IMG_0004208.jpg	IMG_0005209.jpg			
SR 417	73	ECP, RT	8/15/2017	Drainage 73	7-8	Drainage	Flume/ Concrete Apron		2	Bank erosion around structure	IMG_0004210.jpg	IMG_0005211.jpg			
SR 417	74	ECP, RT	8/15/2017	Roadside 74	7-8	Roadside	Erosion	Misc. Asphalt Pavement	2	Misc. Asphalt	IMG_0004212.jpg	IMG_0005213.jpg			
SR 417	75	ECP, RT	8/15/2017	Pavement 75	7-8	Pavement	Pothole	Misc. Asphalt Pavement	3		IMG_0004214.jpg				
SR 417	76	ECP, RT	8/15/2017	Walls or Barriers 76	9-10	Walls or Barriers	Guardrail		3	Guardrail missing wood block	IMG_0004215.jpg	IMG_0005216.jpg			
SR 417	77	ECP, RT	8/15/2017	Drainage 77	9-10	Drainage	Drainage Structure		3	Grate ajar	IMG_0004217.jpg	IMG_0005218.jpg			
SR 417	78	ECP, RT	8/15/2017	Roadside 78	10-11	Roadside	Fence		3	Fence damaged	IMG_0004219.jpg				
SR 417	79	ECP, RT	8/15/2017	Roadside 79	10-11	Roadside	Fence		3	Fence post damaged	IMG_0004220.jpg				
SR 417	80	ECP, RT	8/15/2017	Walls or Barriers 80	12-13	Walls or Barriers	Guardrail		3	Guardrail missing wood block (guardrail located in median)	IMG_0004221.jpg				
SR 417	81	ECP, RT	8/15/2017	Walls or Barriers 81	12-13	Walls or Barriers	Guardrail		3	Guardrail missing wood block	IMG_0004222.jpg				
SR 417	82	ECP, RT	8/15/2017	Walls or Barriers 82	12-13	Walls or Barriers	Guardrail		3	Guardrail missing wood block	IMG_0004223.jpg				
SR 417	83	ECP, RT	8/15/2017	Pavement 83	13-14	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0004224.jpg				
SR 417	84	ECP, RT	8/15/2017	Drainage 84	14-15	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0004225.jpg				
SR 417	85	ECP, RT	8/15/2017	Drainage 85	14-15	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0004226.jpg				
SR 417	86	ECP, RT	8/15/2017	Drainage 86	14-15	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_0004227.jpg				
SR 417	87	ECP, RT	8/15/2017	Drainage 87	15-16	Drainage	Drainage Structure		3	Bank erosion around structure	IMG_0004228.jpg				
SR 417	88	ECP, RT	8/17/2017	Roadside 88	15-16	Roadside	Fence		3	Fence post damaged	IMG_0004236.jpg				
SR 417	89	ECP, RT	8/17/2017	Roadside 89	15-16	Roadside	Erosion		2		IMG_0004237.jpg	IMG_0005238.jpg	IMG_0006239.jpg		
SR 417	90	ECP, RT	8/17/2017	Drainage 90	15-16	Drainage	Drainage Structure		3	Structure cracking	IMG_0004240.jpg	IMG_0005241.jpg			
SR 417	91	ECP, RT	8/17/2017	Pavement 91	13-14	Pavement	Pothole	Misc. Asphalt Pavement	3		IMG_0004242.jpg				
SR 417	92	ECP, RT	8/17/2017	Walls or Barriers 92	13-14	Walls or Barriers	Guardrail		3	Guardrail missing wood block	IMG_0004243.jpg				
SR 417	93	ECP, RT	8/17/2017	Roadside 93	8-9	Roadside	Fence		3	Multiple fence posts damaged	IMG_0004244.jpg				
SR 417	94	ECP, RT	8/17/2017	Drainage 94	7-8	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0004245.jpg				
SR 417	95	ECP, RT	8/17/2017	Drainage 95	7-8	Drainage	Drainage Structure		2	Structure filled with sediment and vegetation	IMG_0004246.jpg				
SR 417	96	ECP, RT	8/17/2017	Drainage 96	7-8	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_0004247.jpg				
SR 417	97	ECP, RT	8/17/2017	Roadside 97	7-8	Roadside	Erosion		1		IMG_0004248.jpg	IMG_0005249.jpg	IMG_0006250.jpg	IMG_0007251.jpg	

SR 417 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 417	98	ECP, RT	8/17/2017	Roadside 98	7-8	Roadside	Fence		3	Multiple fence posts damaged	IMG_0004252.jpg				
SR 417	99	ECP, RT	8/17/2017	Drainage 99	7-8	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0004253.jpg				
SR 417	100	ECP, RT	8/17/2017	Roadside 100	7-8	Roadside	Fence		3	Fence post damaged	IMG_0004254.jpg				
SR 417	101	ECP, RT	8/17/2017	Roadside 101	7-8	Roadside	Fence		3	Fence post damaged	IMG_0004255.jpg				
SR 417	102	ECP, RT	8/17/2017	Roadside 102	6-7	Roadside	Fence		3	Fence damaged in multiple places	IMG_0004256.jpg				
SR 417	103	ECP, RT	8/17/2017	Roadside 103	6-7	Roadside	Fence		2	Fence damaged	IMG_0004257.jpg				
SR 417	104	ECP, RT	8/17/2017	Pavement 104	6-7	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_0004258.jpg	IMG_0005259.jpg			
SR 417	105	ECP, RT	8/17/2017	Pavement 105	6-7	Pavement	Edge Ravel	Misc. Asphalt Pavement	1		IMG_0004260.jpg	IMG_0005261.jpg			
SR 417	106	DH, RT	8/23/2017	Roadside 106	16-17	Roadside	Other		3	Slope erosion	IMG_0004262.jpg	IMG_0005263.jpg			
SR 417	107	DH, RT	8/23/2017	Roadside 107	16-17	Roadside	Erosion		3		IMG_0004264.jpg	IMG_0005265.jpg	IMG_0006266.jpg		
SR 417	108	DH, RT	8/23/2017	Roadside 108	16-17	Roadside	Erosion		2	Slope erosion in multiple areas along this stretch	IMG_0004267.jpg	IMG_0005268.jpg	IMG_0006269.jpg		
SR 417	109	DH, RT	8/23/2017	Pavement 109	16-17	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0004270.jpg	IMG_0005271.jpg			
SR 417	110	DH, RT	8/23/2017	Pavement 110	16-17	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_0004272.jpg	IMG_0005273.jpg			
SR 417	111	DH, RT	8/23/2017	Roadside 111	16-17	Roadside	Erosion		3		IMG_0004274.jpg	IMG_0005275.jpg	IMG_0006276.jpg	IMG_0007277.jpg	
SR 417	112	DH, RT	8/23/2017	Pavement 112	16-17	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_0004278.jpg	IMG_0005279.jpg			
SR 417	113	DH, RT	8/23/2017	Pavement 113	16-17	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_0004280.jpg	IMG_0005281.jpg	IMG_0004282.jpg	IMG_0005283.jpg	
SR 417	114	DH, RT	8/23/2017	Drainage 114	16-17	Drainage	Drainage Structure		3	Structure filled with sand/sediment	IMG_0004284.jpg				
SR 417	115	DH, RT	8/23/2017	Roadside 115	18-19	Roadside	Fence		3	Fence post damaged	IMG_0004285.jpg				
SR 417	116	DH, RT	8/23/2017	Roadside 116	18-19	Roadside	Fence		3	Fence damaged in multiple places	IMG_0004286.jpg	IMG_0005287.jpg	IMG_0006288.jpg	IMG_0004289.jpg	IMG_0005290.jpg
SR 417	117	DH, RT	8/23/2017	Drainage 117	18-19	Drainage	Other		3	Structure needs object marker	IMG_0004291.jpg				
SR 417	118	DH, RT	8/23/2017	Roadside 118	18-19	Roadside	Fence		3		IMG_0004292.jpg	IMG_0005293.jpg	IMG_0006294.jpg		
SR 417	119	DH, RT	8/23/2017	Drainage 119	18-19	Drainage	Drainage Structure		1	Structure filled to the top with water	IMG_0004295.jpg	IMG_0005296.jpg			
SR 417	120	DH, RT	8/23/2017	Drainage 120	18-19	Drainage	Drainage Structure		1	Structure filled to the top with water	IMG_0004297.jpg	IMG_0005298.jpg			
SR 417	121	DH, RT	8/23/2017	Drainage 121	18-19	Drainage	Drainage Structure		1	Structure filled to the top with water	IMG_0004299.jpg	IMG_0005300.jpg			
SR 417	122	DH, RT	8/23/2017	Roadside 122	18-19	Roadside	Erosion		2		IMG_0004301.jpg	IMG_0005302.jpg	IMG_0006303.jpg		
SR 417	123	DH, RT	8/23/2017	Drainage 123	19-20	Drainage	Other		3	Force main cover ajar	IMG_0004304.jpg	IMG_0005305.jpg			
SR 417	124	DH, RT	8/23/2017	Drainage 124	19-20	Drainage	Drainage Structure		2	Structure filled to the top with	IMG_0004306.jpg	IMG_0005307.jpg			
SR 417	125	DH, RT	8/23/2017	Roadside 125	19-20	Roadside	Fence		2		IMG_0004308.jpg	IMG_0005309.jpg			
SR 417	126	DH, RT	8/23/2017	Roadside 126	19-20	Roadside	Erosion		3		IMG_0004310.jpg	IMG_0005311.jpg	IMG_0006312.jpg		

SR 417 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 417	127	DH, RT	8/23/2017	Drainage 127	19-20	Drainage	Drainage Structure		2	Structure filled to the top with water	IMG_0004313.jpg	IMG_0005314.jpg	IMG_0006315.jpg		
SR 417	128	DH, RT	8/23/2017	Drainage 128	19-20	Drainage	Drainage Structure		2	Structure filled to the top with water	IMG_0004316.jpg	IMG_0005317.jpg			
SR 417	129	DH, RT	8/23/2017	Roadside 129	19-20	Roadside	Fence		3		IMG_0004318.jpg				
SR 417	130	DH, RT	8/23/2017	Drainage 130	21-22	Drainage	Other		3	Structure needs object marker	IMG_0004319.jpg				
SR 417	131	DH, RT	8/23/2017	Roadside 131	21-22	Roadside	Fence		2		IMG_0004320.jpg				
SR 417	132	DH, RT	8/23/2017	Roadside 132	21-22	Roadside	Fence		3		IMG_0004321.jpg	IMG_0005322.jpg			
SR 417	133	DH, RT	8/23/2017	Drainage 133	21-22	Drainage	Other		3	Structure needs object marker	IMG_0004323.jpg				
SR 417	134	DH, RT	8/23/2017	Drainage 134	21-22	Drainage	Drainage Structure		3	Bank erosion around structure	IMG_0004324.jpg	IMG_0005325.jpg			
SR 417	135	DH, RT	8/23/2017	Drainage 135	21-22	Drainage	Drainage Structure		3	Bank erosion around structure	IMG_0004326.jpg				
SR 417	136	BJB, ZF	9/5/2017	Pavement 136	22-23	Pavement	Cracking	Misc. Asphalt Pavement	2		IMG_0010442.jpg	IMG_0011443.jpg	IMG_0012444.jpg	IMG_0013445.jpg	IMG_0014446.jpg
SR 417	137	BJB, ZF	9/5/2017	Pavement 137	22-23	Pavement	Pothole	Misc. Asphalt Pavement	2		IMG_0010447.jpg				
SR 417	138	BJB, ZF	9/5/2017	Walls or Barriers 138	22-23	Walls or Barriers	Retaining Wall		3	Gutter needs to be cleaned out	IMG_0010448.jpg				
SR 417	139	BJB, ZF	9/5/2017	Other Issue 139	22-23	Other Issue			3	Cracking on bridge wall	IMG_0010449.jpg				
SR 417	140	BJB, ZF	9/5/2017	Roadside 140	22-23	Roadside	Other		3	Delineator broken	IMG_0010450.jpg				
SR 417	141	BJB, ZF	9/5/2017	Drainage 141	23-24	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0010451.jpg				
SR 417	142	BJB, ZF	9/5/2017	Drainage 142	23-24	Drainage	Pond/ Ditch/ Canal		3	Ditch needs maintenance	IMG_0010452.jpg				
SR 417	143	BJB, ZF	9/5/2017	Roadside 143	24-25	Roadside	Fence		2	Fence covered with vegetation	IMG_0010453.jpg				
SR 417	144	BJB, ZF	9/5/2017	Drainage 144	24-25	Drainage	Flume/ Concrete Apron		3	Structure needs vegetation maintenance	IMG_0010454.jpg				
SR 417	145	BJB, ZF	9/5/2017	Pavement 145	25-26	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0010455.jpg				
SR 417	146	BJB, ZF	9/5/2017	Pavement 146	25-26	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_0011456.jpg	IMG_0012457.jpg			
SR 417	147	BJB, ZF	9/5/2017	Drainage 147	24-25	Drainage	Drainage Structure		3	Structure filled to the top with water	IMG_0011458.jpg				
SR 417	148	BJB, ZF	9/5/2017	Pavement 148	24-25	Pavement	Depression	Travel Lanes	2		IMG_0011459.jpg				
SR 417	149	BJB, ZF	9/5/2017	Pavement 149	24-25	Pavement	Striping or Pavement Marking	Travel Lanes	3		IMG_0011460.jpg				
SR 417	150	BJB, ZF	9/5/2017	Pavement 150	24-25	Pavement	Depression	Misc. Asphalt Pavement	3		IMG_0013461.jpg				
SR 417	151	BJB, ZF	9/5/2017	Walls or Barriers 151	24-25	Walls or Barriers	Guardrail		3	Reflectors missing for a stretch	IMG_0013462.jpg				
SR 417	152	BJB, ZF	9/5/2017	Roadside 152	24-25	Roadside	Fence		3	Fence post damaged	IMG_0013463.jpg				
SR 417	153	BJB, ZF	9/5/2017	Roadside 153	24-25	Roadside	Erosion		1		IMG_0013464.jpg	IMG_0014465.jpg	IMG_0015466.jpg	IMG_0016467.jpg	
SR 417	154	BJB, ZF	9/5/2017	Drainage 154	24-25	Drainage	Flume/ Concrete Apron		3	Structure needs vegetation maintenance	IMG_0013468.jpg				
SR 417	155	BJB, ZF	9/5/2017	Pavement 155	24-25	Pavement	Striping or Pavement Marking	Travel Lanes	2		IMG_0013469.jpg				

SR 417 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 417	156	BJB, ZF	9/5/2017	Drainage 156	23-24	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0014470.jpg				
SR 417	157	BJB, ZF	9/5/2017	Roadside 157	23-24	Roadside	Fence		3	Fence covered with vegetation	IMG_0014471.jpg				
SR 417	158	BJB, ZF	9/5/2017	Pavement 158	23-24	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0014472.jpg				
SR 417	159	BJB, ZF	9/5/2017	Drainage 159	22-23	Drainage	Drainage Structure		3	Structure filled with sediment and vegetation	IMG_0014473.jpg				
SR 417	160	BJB, ZF	9/5/2017	Roadside 160	22-23	Roadside	Fence		3		IMG_0014474.jpg				
SR 417	161	DH, ZF	9/7/2017	Drainage 161	25-26	Drainage	Drainage Structure		2	Structure filled to the top with water	IMG_0014475.jpg				
SR 417	162	DH, ZF	9/7/2017	Drainage 162	25-26	Drainage	Drainage Structure		2	Structure submerged	IMG_0015476.jpg				
SR 417	163	DH, ZF	9/7/2017	Drainage 163	25-26	Drainage	Drainage Structure		2	Structure filled with sediment and vegetation	IMG_0015477.jpg				
SR 417	164	DH, ZF	9/7/2017	Drainage 164	25-26	Drainage	Drainage Structure		3	Structure damaged- missing panel	IMG_0015478.jpg				
SR 417	165	DH, ZF	9/7/2017	Roadside 165	25-26	Roadside	Erosion		3	Slope erosion	IMG_0015479.jpg				
SR 417	166	DH, ZF	9/7/2017	Pavement 166	25-26	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0015480.jpg				
SR 417	167	DH, ZF	9/7/2017	Walls or Barriers 167	25-26	Walls or Barriers	Guardrail		2	Edge ravel in several places along stretch- guardrails not secured.	IMG_0015481.jpg	IMG_0016482.jpg	IMG_0017483.jpg		
SR 417	168	DH, ZF	9/7/2017	Pavement 168	25-26	Pavement	Pothole	Misc. Asphalt Pavement	2	several places along stretch	IMG_0015484.jpg	IMG_0016485.jpg			
SR 417	169	DH, ZF	9/7/2017	Drainage169	25-26	Drainage	Drainage Structure		2	Bank erosion around structure	IMG_0015486.jpg				
SR 417	170	DH, ZF	9/7/2017	Drainage 170	25-26	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_0015487.jpg				
SR 417	171	DH, ZF	9/7/2017	Drainage 171	25-26	Drainage	Drainage Structure		2	Structure needs vegetation maintenance. Structure needs object marker.	IMG_0015488.jpg				
SR 417	172	DH, ZF	9/7/2017	Roadside 172	25-26	Roadside	Erosion		3	Slope erosion	IMG_0015489.jpg	IMG_0016490.jpg			
SR 417	173	DH, ZF	9/7/2017	Pavement 173	25-26	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0015491.jpg	IMG_0016492.jpg			
SR 417	174	DH, ZF	9/7/2017	Drainage 174	25-26	Drainage	Drainage Structure		1	Bank erosion around structure	IMG_0015493.jpg	IMG_0016494.jpg	IMG_0017495.jpg		
SR 417	175	DH, ZF	9/7/2017	Drainage 175	25-26	Drainage	Flume/ Concrete Apron		3	Structure filled with sediment and vegetation	IMG_0015496.jpg	IMG_0016497.jpg			
SR 417	176	DH, ZF	9/7/2017	Walls or Barriers 176	25-26	Walls or Barriers	Guardrail		3	Guardrail missing wood block	IMG_0015498.jpg				
SR 417	177	DH, ZF	9/7/2017	Drainage 177	25-26	Drainage	Drainage Structure		2	Structure filled with sand/sediment	IMG_0015499.jpg				
SR 417	178	DH, ZF	9/7/2017	Pavement 178	25-26	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_0015500.jpg	IMG_0016501.jpg			
SR 417	179	DH, ZF	9/7/2017	Drainage 179	26-27	Drainage	Drainage Structure		3	Structure filled to the top with water	IMG_0015502.jpg				
SR 417	180	DH, ZF	9/7/2017	Drainage 180	26-27	Drainage	Drainage Structure		2	Bank erosion around structure	IMG_0015503.jpg	IMG_0016504.jpg			
SR 417	181	DH, ZF	9/7/2017	Drainage 181	26-27	Drainage	Drainage Structure		3	Structure filled to the top with water	IMG_0015505.jpg				
SR 417	182	DH, ZF	9/7/2017	Pavement 182	25-26	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_0015506.jpg				
SR 417	183	DH, ZF	9/7/2017	Pavement 183	25-26	Pavement	Cracking	Misc. Asphalt Pavement	2	Edge ravel is causing slope erosion	IMG_0015507.jpg	IMG_0016508.jpg			

SR 417 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 417	184	DH, ZF	9/7/2017	Walls or Barriers 184	25-26	Walls or Barriers	Guardrail		2	Edge ravel in several places along stretch- guardrails not secured	IMG_0015509.jpg	IMG_0015510.jpg			
SR 417	185	DH, ZF	9/7/2017	Walls or Barriers 185	25-26	Walls or Barriers	Guardrail		3	Guardrail wood block damaged	IMG_0015511.jpg				
SR 417	186	DH, ZF	9/7/2017	Pavement 186	25-26	Pavement	Edge Ravel	Misc. Asphalt Pavement	2	Edge ravel in several places along stretch	IMG_0015512.jpg	IMG_0016513.jpg			
SR 417	187	DH, ZF	9/7/2017	Roadside 187	25-26	Roadside	Fence		2	Fence damaged and covered in vegetation	IMG_0015514.jpg				
SR 417	188	DH, ZF	9/7/2017	Drainage 188	25-26	Drainage	Drainage Structure		3	Structure filled to the top with water	IMG_0015515.jpg				
SR 417	189	DH, ZF	9/7/2017	Drainage 189	24-25	Drainage	Drainage Structure		2	Structure filled to the top with water	IMG_0015516.jpg				
SR 417	190	DH, ZF	9/7/2017	Pavement 190	25-26	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0015517.jpg				
SR 417	191	DH, ZF	9/7/2017	Drainage 191	25-26	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_0015518.jpg				
SR 417	192	DH, ZF	9/7/2017	Drainage 192	25-26	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_0015519.jpg				
SR 417	193	DH, ZF	9/7/2017	Drainage 193	25-26	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_0015520.jpg				
SR 417	194	DH, ZF	9/7/2017	Drainage 194	25-26	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_0015521.jpg				
SR 417	195	DH, ZF	9/7/2017	Pavement 195	25-26	Pavement	Striping or Pavement Marking	Paved Shoulder	3		IMG_0015522.jpg				
SR 417	196	DH, ZF	9/7/2017	Pavement 196	25-26	Pavement	Edge Ravel	Misc. Asphalt Pavement	2	Edge ravel in several places along stretch	IMG_0015523.jpg	IMG_0016524.jpg	IMG_0017525.jpg		
SR 417	197	DH, ZF	9/7/2017	Drainage 197	25-26	Drainage	Drainage Structure		3	Structure filled with sand/sediment	IMG_0015526.jpg				
SR 417	198	DH, ZF	9/7/2017	Drainage 198	25-26	Drainage	Drainage Structure		2	Structure filled with sand/sediment	IMG_0015527.jpg				
SR 417	199	DH, ZF	9/7/2017	Pavement 199	25-26	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_0015528.jpg	IMG_0016529.jpg			
SR 417	200	DH, ZF	9/7/2017	Other Issue 200	25-26	Other Issue			2	Electrical box damaged	IMG_0015530.jpg				
SR 417	201	DH, ZF	9/7/2017	Drainage 201	25-26	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0015531.jpg				
SR 417	202	ECP, NB	9/8/2017	Roadside 202	26-27	Roadside	Fence		3	Fence post damaged	IMG_0016532.jpg				
SR 417	203	ECP, NB	9/8/2017	Drainage 203	26-27	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0016533.jpg				
SR 417	204	ECP, NB	9/8/2017	Drainage 204	27-28	Drainage	Drainage Structure		3	Structure filled to the top with water	IMG_0016534.jpg	IMG_0017535.jpg			
SR 417	205	ECP, NB	9/8/2017	Drainage 205	27-28	Drainage	Drainage Structure		2	Deep bank erosion around structure. Structure cracked.	IMG_0016536.jpg	IMG_0017537.jpg	IMG_0018538.jpg		
SR 417	206	ECP, NB	9/8/2017	Roadside 206	27-28	Roadside	Lighting		3	Slope erosion	IMG_0016539.jpg	IMG_0017540.jpg			
SR 417	207	ECP, NB	9/8/2017	Drainage 207	27-28	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0016541.jpg				
SR 417	208	ECP, NB	9/8/2017	Drainage 208	27-28	Drainage	Drainage Structure		3	Structure filled with sediment and vegetation	IMG_0016542.jpg				
SR 417	209	ECP, NB	9/8/2017	Roadside 209	27-28	Roadside	Other		3	Landscaped side slope flooded	IMG_0016543.jpg	IMG_0017544.jpg			
SR 417	210	ECP, NB	9/8/2017	Drainage 210	27-28	Drainage	Drainage Structure		3	All pond structures are submerged	IMG_0016545.jpg				

SR 417 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 417	211	ECP, NB	9/8/2017	Drainage 211	27-28	Drainage	Pond/ Ditch/ Canal		3	All pond structures are submerged	IMG_0016546.jpg				
SR 417	212	ECP, NB	9/8/2017	Pavement 212	27-28	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0016547.jpg				
SR 417	213	ECP, NB	9/8/2017	Roadside 213	28-29	Roadside	Fence		3	Barbed wire damaged	IMG_0016548.jpg				
SR 417	214	ECP, NB	9/8/2017	Pavement 214	28-29	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0016549.jpg	IMG_0017550.jpg			
SR 417	215	ECP, NB	9/8/2017	Drainage 215	28-29	Drainage	Drainage Structure		3	Structure cracking	IMG_0016551.jpg				
SR 417	216	ECP, NB	9/8/2017	Pavement 216	28-29	Pavement	Edge Ravel	Paved Shoulder	3	Shoulder undermined	IMG_0016552.jpg	IMG_0017553.jpg			
SR 417	217	ECP, RT	9/13/2017	Roadside 217	29-30	Roadside	Fence		1	Tree on fence (likely from hurricane Irma)	IMG_0016554.jpg				
SR 417	218	ECP, RT	9/13/2017	Roadside 218	29-30	Roadside	Fence		2	Tree on fence (likely from hurricane Irma)	IMG_0016555.jpg				
SR 417	219	ECP, RT	9/13/2017	Drainage 219	29-30	Drainage	Flume/ Concrete Apron		3	Structure needs vegetation maintenance	IMG_0016556.jpg	IMG_0017557.jpg	IMG_0018558.jpg	IMG_0019559.jpg	
SR 417	220	ECP, RT	9/13/2017	Drainage 220	29-30	Drainage	Drainage Structure		3	Structure cracking	IMG_0016560.jpg	IMG_0017561.jpg	IMG_0018562.jpg	IMG_0019563.jpg	
SR 417	221	ECP, RT	9/13/2017	Drainage 221	29-30	Drainage	Drainage Structure		3	Structure cracking. Structure needs vegetation maintenance	IMG_0016564.jpg	IMG_0017565.jpg	IMG_0018566.jpg		
SR 417	222	ECP, RT	9/13/2017	Roadside 222	29-30	Roadside	Fence		2	Tree on fence (likely from hurricane Irma)	IMG_0016567.jpg	IMG_0017568.jpg			
SR 417	223	ECP, RT	9/13/2017	Drainage 223	29-30	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0016569.jpg	IMG_0017570.jpg			
SR 417	224	ECP, RT	9/13/2017	Roadside 224	29-30	Roadside	Erosion		3	Slope erosion- multiple spots	IMG_0016571.jpg	IMG_0017572.jpg			
SR 417	225	ECP, RT	9/13/2017	Pavement 225	29-30	Pavement	Edge Ravel	Misc. Asphalt Pavement	1	Slope erosion and edge ravel	IMG_0016573.jpg	IMG_0017574.jpg	IMG_0018575.jpg	IMG_0019576.jpg	
SR 417	226	ECP, RT	9/13/2017	Pavement 226	29-30	Pavement	Edge Ravel	Misc. Asphalt Pavement	1	Slope erosion and edge ravel	IMG_0016577.jpg	IMG_0017578.jpg	IMG_0018579.jpg	IMG_0019580.jpg	IMG_0020581.jpg
SR 417	227	ECP, RT	9/13/2017	Roadside 227	30-31	Roadside	Erosion		2	Slope erosion and misc. asphalt erosion along stretch	IMG_0018571.jpg	IMG_0019572.jpg	IMG_0020573.jpg		
SR 417	228	ECP, RT	9/13/2017	Drainage 228	30-31	Drainage	Drainage Structure		2		IMG_0018574.jpg	IMG_0019575.jpg	IMG_0020576.jpg	IMG_0021577.jpg	
SR 417	229	ECP, RT	9/13/2017	Drainage 229	30-31	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0018578.jpg				
SR 417	230	ECP, RT	9/13/2017	Roadside 230	30-31	Roadside	Fence		3	Fence post damaged	IMG_0018580.jpg				
SR 417	231	ECP, RT	9/13/2017	Drainage 231	30-31	Drainage	Drainage Structure		3	Structure needs debris maintenance	IMG_0018581.jpg	IMG_0019582.jpg	IMG_0020583.jpg		
SR 417	232	ECP, RT	9/13/2017	Roadside 232	30-31	Roadside	Fence		3	Fence post damaged	IMG_0018584.jpg				
SR 417	233	ECP, RT	9/13/2017	Roadside 233	29-30	Roadside	Fence		2	Tree on fence (likely from hurricane Irma)	IMG_0018585.jpg				
SR 417	234	ECP, RT	9/13/2017	Drainage 234	29-30	Drainage	Drainage Structure		2	Structure submerged	IMG_0018586.jpg				
SR 417	235	ECP, RT	9/13/2017	Drainage 235	29-30	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0018587.jpg	IMG_0019588.jpg			
SR 417	236	ECP, RT	9/13/2017	Pavement 236	29-30	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_0018589.jpg	IMG_0019590.jpg			
SR 417	237	ECP, RT	9/13/2017	Roadside 237	29-30	Roadside	Fence		3	Tree on fence (likely from hurricane Irma)	IMG_0018591.jpg				
SR 417	238	ECP, RT	9/13/2017	Pavement 238	29-30	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0018592.jpg				
SR 417	239	ECP, RT	9/13/2017	Pavement 239	28-29	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_0018593.jpg	IMG_0019594.jpg			

SR 417 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 417	240	ECP, RT	9/13/2017	Drainage 240	28-29	Drainage	Drainage Structure		2	Structure filled with sand/sediment	IMG_0018595.jpg	IMG_0019596.jpg	IMG_0020597.jpg		
SR 417	241	ECP, RT	9/13/2017	Pavement 241	28-29	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0018598.jpg	IMG_0019599.jpg			
SR 417	242	ECP, RT	9/13/2017	Drainage 242	28-29	Drainage	Drainage Structure		2	Bank erosion around structure	IMG_0018600.jpg	IMG_0019601.jpg	IMG_0020602.jpg		
SR 417	243	ECP, RT	9/13/2017	Drainage 243	28-29	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_0018603.jpg	IMG_0019604.jpg	IMG_0020605.jpg	IMG_0021606.jpg	
SR 417	244	ECP, RT	9/13/2017	Roadside 244	28-29	Roadside	Erosion		2		IMG_0018607.jpg	IMG_0019608.jpg			
SR 417	245	ECP, RT	9/13/2017	Roadside 245	27-28	Roadside	Other		1	Sign down	IMG_0019609.jpg				
SR 417	246	ECP, RT	9/13/2017	Pavement 246	27-28	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0019610.jpg	IMG_0020611.jpg	IMG_0021612.jpg	IMG_0022613.jpg	
SR 417	247	ECP, RT	9/13/2017	Roadside 247	27-28	Roadside	Erosion		2	Bank erosion around structure	IMG_0019614.jpg	IMG_0020615.jpg			
SR 417	248	ECP, RT	9/13/2017	Drainage 248	27-28	Drainage	Drainage Structure		3	Structure submerged and bank erosion around structure	IMG_0019616.jpg				
SR 417	249	ECP, RT	9/13/2017	Roadside 249	27-28	Roadside	Erosion		2		IMG_0019617.jpg	IMG_0020618.jpg	IMG_0021619.jpg	IMG_0022620.jpg	
SR 417	250	ECP, RT	9/13/2017	Pavement 250	27-28	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0019621.jpg	IMG_0020622.jpg	IMG_0021623.jpg		
SR 417	251	ECP, RT	9/13/2017	Drainage 251	27-28	Drainage	Drainage Structure		3	Bank erosion around structure	IMG_0019624.jpg	IMG_0020625.jpg	IMG_0021626.jpg	IMG_0022627.jpg	
SR 417	252	ECP, RT	9/13/2017	Pavement 252	26-27	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_0019628.jpg	IMG_0020629.jpg			
SR 417	253	ECP, RT	9/13/2017	Drainage 253	26-27	Drainage	Drainage Structure		2	Structure filled to the top with water	IMG_0019630.jpg	IMG_0020631.jpg			
SR 417	254	DH, ZF	9/14/2017	Drainage 254	27-28	Drainage	Drainage Structure		2		IMG_0019632.jpg	IMG_0020633.jpg			
SR 417	255	DH, ZF	9/14/2017	Drainage 255	29-30	Drainage	Drainage Structure		3	Structure cracking	IMG_0019634.jpg	IMG_0020635.jpg			
SR 417	256	DH, ZF	9/14/2017	Drainage 256	31-32	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_0019636.jpg				
SR 417	257	DH, ZF	9/14/2017	Pavement 257	32-33	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0019637.jpg				
SR 417	258	DH, ZF	9/14/2017	Drainage 258	32-33	Drainage	Drainage Structure		2	Deep bank erosion around structure	IMG_0019638.jpg	IMG_0020639.jpg			
SR 417	259	DH, ZF	9/14/2017	Drainage 259	32-33	Drainage	Drainage Structure		2	Structure filled with sediment and vegetation	IMG_0019640.jpg	IMG_0020641.jpg			
SR 417	260	DH, ZF	9/14/2017	Drainage 260	32-33	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0019642.jpg				
SR 417	261	DH, ZF	9/14/2017	Pavement 261	33-34	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0019643.jpg	IMG_0020644.jpg			
SR 417	262	DH, ZF	9/14/2017	Drainage 262	33-34	Drainage	Drainage Structure		3	Structure submerged and bank erosion around structure	IMG_0019645.jpg				
SR 417	263	DH, ZF	9/14/2017	Drainage 263	33-34	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0019646.jpg				
SR 417	264	DH, ZF	9/14/2017	Drainage 264	33-34	Drainage	Drainage Structure		3	Structure filled to the top with water	IMG_0019647.jpg				
SR 417	265	DH, ZF	9/14/2017	Drainage 265	33-34	Drainage	Drainage Structure		2	Structure needs debris maintenance	IMG_0019648.jpg				
SR 417	266	DH, ZF	9/14/2017	Drainage 266	34-35	Drainage	Drainage Structure		3	Structure submerged	IMG_0019649.jpg				
SR 417	267	DH, ZF	9/14/2017	Drainage 267	34-35	Drainage	Drainage Structure		3	Structure submerged	IMG_0019650.jpg	IMG_0020651.jpg			
SR 417	268	DH, ZF	9/14/2017	Roadside 268	34-35	Roadside	Slope Protection		2	Concrete cracked	IMG_0019652.jpg				
SR 417	269	DH, ZF	9/14/2017	Roadside 269	34-35	Roadside	Erosion		1		IMG_0019653.jpg	IMG_0020654.jpg			

SR 417 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 417	270	DH, ZF	9/14/2017	Pavement 270	34-35	Pavement	Cracking	Misc. Asphalt Pavement	2		IMG_0019655.jpg	IMG_0020656.jpg			
SR 417	271	DH, ZF	9/14/2017	Roadside 271	34-35	Roadside	Erosion		2		IMG_0019657.jpg	IMG_0020658.jpg			
SR 417	272	DH, ZF	9/14/2017	Drainage 272	34-35	Drainage	Drainage Structure		2	Structure submerged	IMG_0020659.jpg				
SR 417	273	DH, ZF	9/14/2017	Drainage 273	34-35	Drainage	Drainage Structure		2	Structure submerged	IMG_0020660.jpg				
SR 417	274	DH, ZF	9/14/2017	Roadside 274	34-35	Roadside	Fence		3	Fence missing	IMG_0020661.jpg				
SR 417	275	DH, ZF	9/14/2017	Drainage 275	34-35	Drainage	Drainage Structure		2	Structure submerged	IMG_0020662.jpg				
SR 417	276	DH, ZF	9/14/2017	Drainage 276	33-34	Drainage	Drainage Structure		2	Structure submerged	IMG_0020663.jpg				
SR 417	277	DH, ZF	9/14/2017	Walls or Barriers 277	33-34	Walls or Barriers	Sound Wall		3	No column at end	IMG_0020664.jpg	IMG_0021665.jpg			
SR 417	278	DH, ZF	9/14/2017	Drainage 278	33-34	Drainage	Drainage Structure		1	clogged and full of trash	IMG_0020666.jpg				
SR 417	279	DH, ZF	9/14/2017	Other Issue 279	33-34	Other Issue			2	Missing lid for electrical box	IMG_0020667.jpg				
SR 417	280	DH, ZF	9/14/2017	Drainage 280	33-34	Drainage	Drainage Structure		2	Structure	IMG_0020668.jpg				
SR 417	281	DH, ZF	9/14/2017	Drainage 281	31-32	Drainage	Drainage Structure		2	Structure cracking. Grate ajar. Structure filled to the top with water	IMG_0020669.jpg				
SR 417	282	DH, ZF	9/14/2017	Pavement 282	32-33	Pavement	Edge Ravel	Misc. Asphalt Pavement	2	Slope erosion and misc. asphalt erosion	IMG_0020670.jpg	IMG_0021671.jpg			
SR 417	283	DH, ZF	9/14/2017	Roadside 283	32-33	Roadside	Fence		3	Fence damaged in multiple places	IMG_0020672.jpg	IMG_0021673.jpg			
SR 417	284	DH, ZF	9/14/2017	Drainage 284	33-34	Drainage	Drainage Structure		3	Structure needs debris maintenance	IMG_0020674.jpg				
SR 417	285	DH, ZF	9/14/2017	Roadside 285	33-34	Roadside	Fence		3		IMG_0020675.jpg	IMG_0021676.jpg			
SR 417	286	ECP, ZF	8/24/2017	Drainage 286	15-16	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0004327.jpg				
SR 417	287	ECP, ZF	8/24/2017	Roadside 287	15-16	Roadside	Fence		3	Fence damaged and covered in vegetation	IMG_0004328.jpg				
SR 417	288	ECP, ZF	8/24/2017	Roadside 288	14-15	Roadside	Fence		3	Fence damaged and covered in vegetation	IMG_0004329.jpg				
SR 417	289	ECP, ZF	8/24/2017	Pavement 289	14-15	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0004330.jpg				
SR 417	290	ECP, ZF	8/24/2017	Drainage 290	14-15	Drainage	Drainage Structure		3	Structure cracking. Structure needs debris maintenance	IMG_0004331.jpg	IMG_0005332.jpg			
SR 417	291	ECP, ZF	8/24/2017	Drainage 291	13-14	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0004334.jpg				
SR 417	292	ECP, ZF	8/24/2017	Roadside 292	13-14	Roadside	Erosion		2	Slope erosion	IMG_0004333.jpg				
SR 417	293	ECP, ZF	8/24/2017	Drainage 293	11-12	Drainage	Drainage Structure		3	Structure damaged	IMG_0004335.jpg	IMG_0005336.jpg			
SR 417	294	ECP, ZF	8/24/2017	Roadside 294	11-12	Roadside	Fence		2	Fence damaged and covered in vegetation	IMG_0004337.jpg	IMG_0005338.jpg			
SR 417	295	ECP, ZF	8/24/2017	Roadside 295	9-10	Roadside	Erosion		2	Slope erosion and misc. asphalt erosion	IMG_0004339.jpg	IMG_0005340.jpg			
SR 417	296	ECP, ZF	8/24/2017	Drainage 296	9-10	Drainage	Drainage Structure		2	Structure cracking	IMG_0004341.jpg	IMG_0005342.jpg			
SR 417	297	ECP, ZF	8/24/2017	Roadside 297	9-10	Roadside	Erosion		3	Deep bank erosion exposing pipe	IMG_0005343.jpg				
SR 417	298	ECP, ZF	8/24/2017	Drainage 298	9-10	Drainage	Drainage Structure		2	Deep bank erosion around structure. Structure cracked.	IMG_0005344.jpg	IMG_0006345.jpg			
SR 417	299	ECP, ZF	8/24/2017	Drainage 299	8-9	Drainage	Drainage Structure		2	Structure cracking and pipe damaged	IMG_0005346.jpg	IMG_0006347.jpg			

SR 417 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4	Photo 5
SR 417	300	ECP, ZF	8/24/2017	Roadside 300	6-7	Roadside	Fence		3	Multiple fence posts damaged	IMG_0005348.jpg	IMG_0006349.jpg			
SR 417	301	ECP, ZF	8/24/2017	Roadside 301	6-7	Roadside	Fence		3	Fence damaged in multiple places	IMG_0005350.jpg				
SR 417	302	ECP, ZF	8/24/2017	Drainage 302	6-7	Drainage	Drainage Structure		3	Structure damaged and rear pipe exposed	IMG_0005351.jpg	IMG_0006352.jpg	IMG_0007353.jpg		
SR 417	303	ECP, ZF	8/24/2017	Drainage 303	6-7	Drainage	Drainage Structure		3	Structure cracking	IMG_0005354.jpg				
SR 417	304	ECP, ZF	8/24/2017	Drainage 304	5-6	Drainage	Flume/ Concrete Apron		2	Structure cracking	IMG_0005355.jpg	IMG_0006356.jpg			
SR 417	305	ECP, ZF	8/24/2017	Roadside 305	5-6	Roadside	Erosion		3		IMG_0005357.jpg	IMG_0006358.jpg	IMG_0007359.jpg		

Rating Key	
1	Requires Immediate Attention
2	Poor Condition but Operable
3	Routine Maintenance Needed



2017 Annual Facilities Inspection Report



John Young Main Plaza

August 10, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

**Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807**

Inspection Date: 08/10/17
Arrived: 7:30 AM
Weather: 91 °, partly cloudy

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the John Young Parkway Mainline Plaza.

1 – John Young Parkway Main Plaza

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring, breakers, lighting and HVAC systems. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- Main Plaza elevator requires keyed reset every Wednesday.
- Air Conditioning in the Main Plaza is not working properly.
- Door handle to counting room is broken (Figure 1)
- Counting Room wiring coming out of wall (Figure 2)
- Overhead light inside IT Room (Figure 3)

Tunnel Observations:

- Sump Pump Breaker on Panel B1 in the off position (Figure 4 & Figure 5)

Exterior Observations:

- Exterior Column SB appears to have damage. (Figure 6)
- Outlets in the toll booths 10, 11 & 12 not working properly.
- Outlet in toll booth 11 is wired incorrectly. Hot/Neutral reversed.
- Air Conditioning not working properly in toll booths 1 & 10.
- All toll booth need exterior light covers.
- Toll booth 10 is missing exterior light covers and the light does not work.

Recommendations:

- Recommend elevator contractor visit plaza to service the elevator for this problem.
- Recommend HVAC contractor visit the plaza to test & balance the system and booths.
- Recommend replacement of door handle to counting room.
- Recommend electrical contractor determine if Sump Pump Breaker is in correct position.
- Recommend electrical contractor check the toll booth outlets and fix wiring in toll booth 11.

2 - John Young Parkway Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Maintenance is recommended on some ceiling tiles and potential leaks need to be addressed. Some maintenance and pest control of the unmanned booth is also recommended. (Figure 7, Figure 8, Figure 9 & Figure 10)

3 - John Young Parkway Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some maintenance and pest control of the unmanned booth is also recommended. (Figure 11 & Figure 12)

4 – US 441 Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance and pest control of the unmanned booth is also recommended. (Figure 13 & Figure 14)

5 – US 441 Ramp – On Observations:

The above referenced on ramp is in good condition overall. No access inside the unmanned booth and pest control is also recommended. (Figure 15 & Figure 16)

6 – Landstar Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance of the exposed underground pipe is also recommended. (Figure 17 & Figure 18)

7 – Landstar Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some maintenance of isolated wiring for the light curtain controller is also recommended. (Figure 19 & Figure 20)

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews



Figure 1 John Young Pkwy Mainline Counting Room

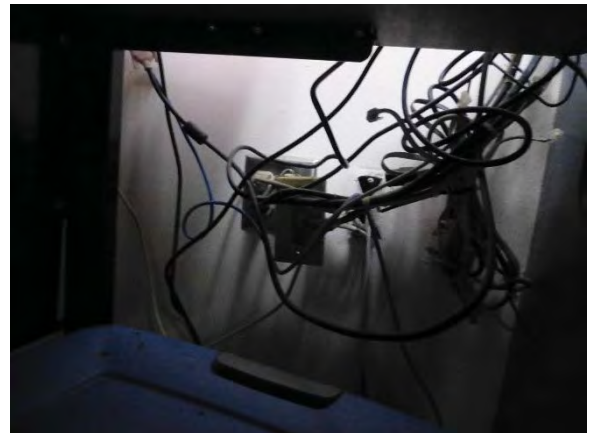


Figure 2 John Young Pkwy Mainline Counting Room Wires



Figure 3 John Young Pkwy Mainline IT Room



Figure 4 John Young Pkwy Mainline Tunnel Panel B1

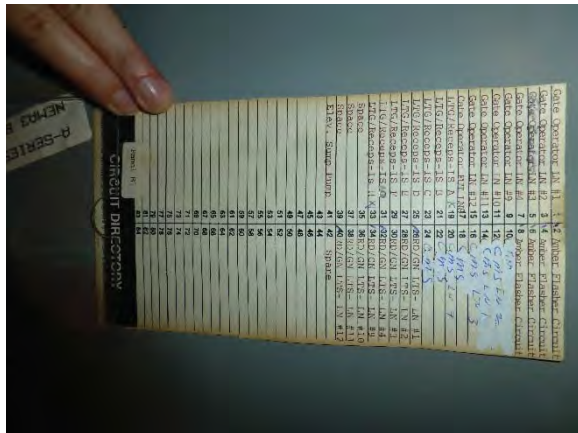


Figure 5 John Young Pkwy Mainline Tunnel Panel B1



Figure 6 John Young Pkwy Mainline Exterior Column-SB



Figure 7 John Young Parkway Ramp On



Figure 8 John Young Parkway Ramp On



Figure 9 John Young Parkway Ramp On Missing Ceiling Tile

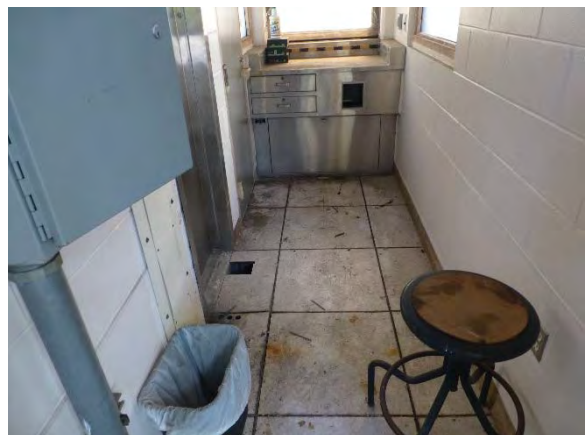


Figure 10 John Young Parkway Ramp On Unmanned Booth



Figure 11 John Young Parkway Ramp Off

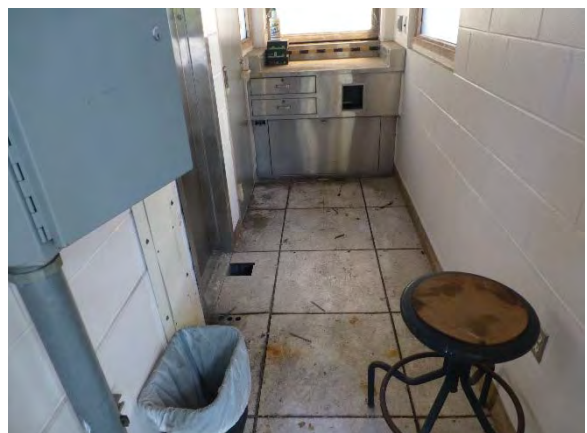


Figure 12 John Young Parkway Ramp Off Unmanned Booth



Figure 13 US-441 Ramp Off



Figure 14 US-441 Ramp Off Unmanned Booth



Figure 15 US-441 Ramp On



Figure 16 US-441 Ramp On Unmanned Booth (No Entry)



Figure 17 Landstar On Ramp



Figure 18 Landstar On Ramp



Figure 19 Landstar Ramp Off



Figure 20 Landstar Ramp Off Light Curtain Controller



2017 Annual Facilities Inspection Report



Boggy Creek Main Plaza

September 1, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807

Inspection Date: 08/17/17 & 08/24/17
Arrived: 7:30 AM
Weather: 91 °, partly cloudy

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the Boggy Creek Mainline Plaza.

8 – Boggy Creek Main Plaza

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring, lighting and HVAC systems. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- Counting Room wiring coming out of wall. (Figure 1)
- Computer Room wiring under equipment rack. (Figure 2)

Tunnel Observations:

- Mainline tunnel light controller #11 panel board not screwed into enclosure properly. (Figure 3)

Exterior Observations:

- Toll Booths have missing exterior light covers. (Figure 4)
- Possible mold overhead vent inside manned toll booth. (Figure 5)
- Some toll booths need exterior light covers. (Figure 6)
- Mechanical Room Door Covered in Wasp Nests. (Figure 7)

Recommendations:

- Recommend HVAC contractor test the vent inside manned booth for mold.
- Recommend removal of wasp nest in exterior mechanical room.
- Recommend electrical contractor rework wiring in counting room and mechanical room.
- Recommend IT attach the panel board properly in light controller #11 enclosure.
- Recommend maintenance replace missing toll booth light covers.

9 – Boggy Creek Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some pest control is recommended. (Figure 9 & Figure 10)

10 – Boggy Creek Ramp – On Observations:

The above referenced on ramp is in good condition overall. Maintenance is recommended on some ceiling tiles and potential leaks need to be addressed. (Figure 11 & Figure 12)

11 – South Access Ramp – On Observations:

The above referenced on ramp is in good condition overall. Maintenance of the roadway safety reflectors is recommended. (Figure 13 & Figure 14)

12 – Lake Nona Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Verification the fireproofing is properly installed is recommended. (Figure 15 & Figure 16)

13 – Lake Nona Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some maintenance of isolated wiring on the outlet missing power is recommended. (Figure 17 & Figure 18)

14 – Narcoossee Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Minor maintenance to attach the loose UPS cover is recommended. (Figure 19 & Figure 20)

15 – Narcoossee Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some maintenance of the installation of the wiring across ceiling tiles to the equipment rack is recommended. (Figure 21 & Figure 22)

16 – Moss Park Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance to patch the tears in the ductwork is recommended. (Figure 23 & Figure 24)

17 – Moss Park Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some maintenance of isolated wiring on the outlet missing power is recommended. (Figure 25 & Figure 26)

18 – Innovation Way Ramp – Off Observations:

The above referenced on ramp is in good condition overall. (Figure 27 & Figure 28)

19 – Innovation Way Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some maintenance to ensure the UPS is connected and powered on is recommended. (Figure 29 & Figure 30)

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews



Figure 1 Boggy Creek Mainline Counting Room Wires



Figure 2 Boggy Creek Mainline Computer Room Wires



Figure 3 Boggy Creek Mainline Tunnel Light Controller #11



Figure 4 Boggy Creek Mainline Toll Booth



Figure 5 Boggy Creek Mainline Manned Toll Booth



Figure 6 Boggy Creek Mainline Exterior



Figure 7 Boggy Creek Mainline Exterior Mech. Wasp Nests



Figure 8 Boggy Creek Mainline Exterior Manhole Cover



Figure 9 Boggy Creek Ramp Off

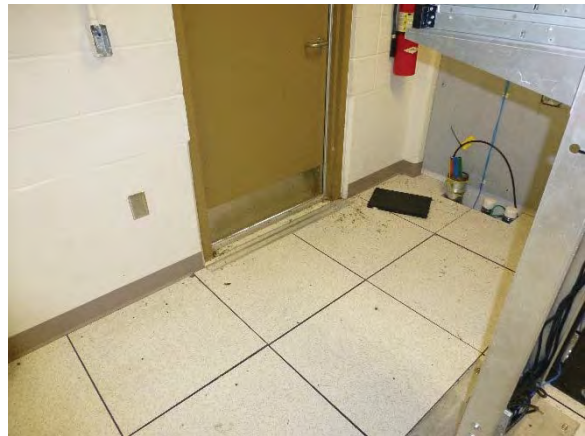


Figure 10 Boggy Creek Ramp Off Pest Control



Figure 11 Boggy Creek Ramp On



Figure 12 Boggy Creek Ramp On Ceiling Over Equip. Rack



Figure 13 South Access Ramp Off



Figure 14 South Access Ramp Off



Figure 15 Lake Nona Ramp Off



Figure 16 Lake Nona Ramp Off



Figure 17 Lake Nona Ramp On



Figure 18 Lake Nona Ramp On Outlet



Figure 19 Narcoossee Ramp Off



Figure 20 Narcoossee Ramp Off



Figure 21 Narcoossee Ramp On



Figure 22 Narcoossee Ramp On



Figure 23 Moss Park Ramp Off



Figure 24 Moss Park Ramp Off



Figure 25 Moss Park On



Figure 26 Moss Park On



Figure 27 Innovation Way Ramp On



Figure 38 Innovation Way Off

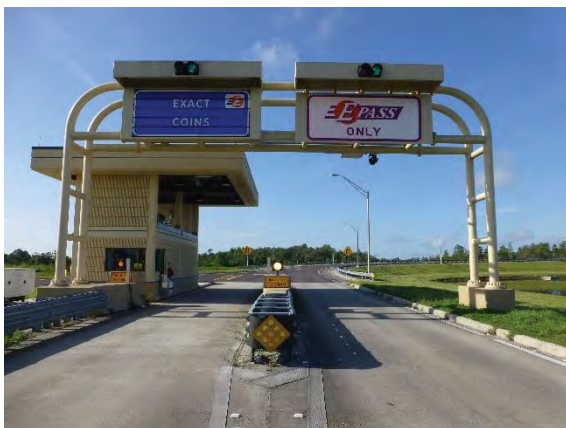


Figure 29 Innovation Way Ramp On



Figure 30 Innovation Way Ramp

2017 Annual Facilities Inspection Report



Curry Ford Main Plaza

August 10, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807

Inspection Date: 09/09/17 & 09/19/17
Arrived: 7:30 AM
Weather: 91 °, raining

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the Curry Ford Mainline Plaza.

22 – Curry Ford Main Plaza

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring, general maintenance and HVAC system. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- Main Plaza break room wiring taped to wall. (Figure 1)
- Main Plaza stairwell to tunnel duct detector wiring. (Figure 2, Figure 3, Figure 4 & Figure 5)

Tunnel Observations:

- Main Plaza tunnel ceiling seam separation from ceiling. (Figure 6)
- Main Plaza tunnel has significant water leaking through the conduit system at the rear of the tunnel. (Figure 7 & Figure 8)

Exterior Observations:

- Building exterior is in good condition overall with no identified deficiencies

Recommendations:

- Recommend general maintenance in tunnel to repair noted deficiencies.
- Recommend HVAC contractor to ensure all vents are clear and have vent covers.
- Recommend electrical contractor check the wiring issues and repair as required.

20 – Lee Vista Ramp – On Observations:

The above referenced on ramp is in good condition overall. General maintenance is recommended to ensure missing HVAC vents are installed. (Figure 9 & Figure 10)

21 – Lee Vista Ramp – Off Observations:

The above referenced on ramp is in good condition overall. (Figure 11 & Figure 12)

23 – Curry Ford Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance to ensure that all ceiling penetrations have fireproofing material installed and is recommended. It is also recommended to check the ceiling tiles for leaks. (Figure 13, Figure 14, Figure 15 & Figure 16)

24 – Curry Ford Ramp – On Observations:

The above referenced on ramp is in good condition overall. General maintenance on wiring and equipment left on the floor of the computer room is recommended. (Figure 17 & Figure 18)

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews

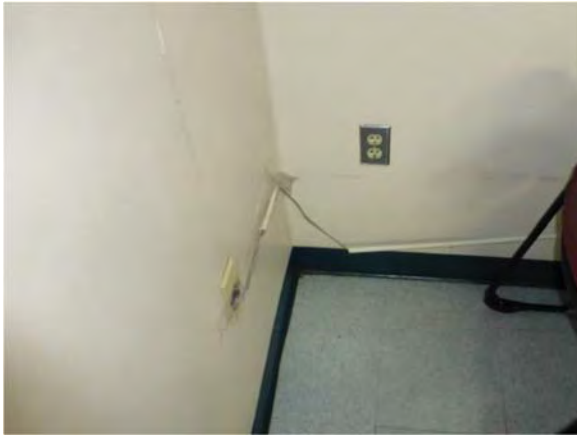


Figure 1 Curry Ford Mainline Break Room



Figure 2 Curry Ford Mainline Stairwell



Figure 3 Curry Ford Mainline Stairwell



Figure 4 Curry Ford Mainline Stairwell



Figure 5 Curry Ford Mainline Stairwell



Figure 6 Curry Ford Mainline Tunnel



Figure 7 Curry Ford Mainline Tunnel



Figure 8 Curry Ford Mainline Tunnel



Figure 9 Lee Vista Ramp On



Figure 10 Lee Vista Ramp On



Figure 11 Lee Vista Ramp Off



Figure 12 Lee Vista Ramp Off



Figure 13 Curry Ford Ramp Off



Figure 14 Curry Ford Ramp Off



Figure 15 Curry Ford Ramp Off

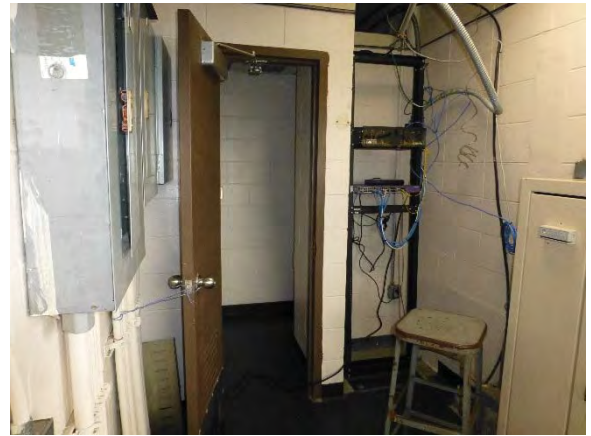


Figure 16 Curry Ford Ramp Off

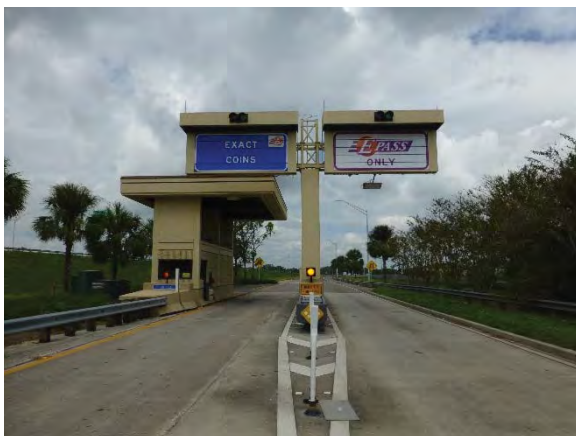


Figure 17 Curry Ford Ramp On

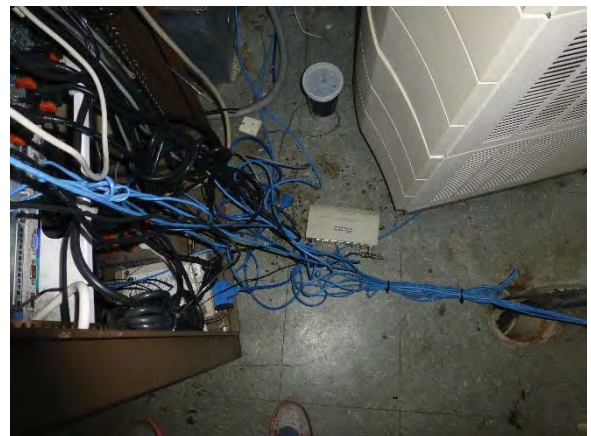


Figure 18 Curry Ford Ramp On



2017 Annual Facilities Inspection Report



University Mainline Plaza

September 21, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

**Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807**

Inspection Date: 09/21/17
Arrived: 8:00 AM
Weather: 91 °, partly cloudy

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the University Creek Mainline Plaza.

27 – University Main Plaza

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring and plumbing system. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- Men's restroom plumbing under main sink is fixed to wall with duct tape. (Figure 1)
- Ceiling tile over wiring under CCTV equipment rack. (Figure 2)

Tunnel Observations:

- Mainline tunnel is in good condition overall.

Exterior Observations:

- Building exterior is in good condition overall.

Recommendations:

- Recommend plumbing contractor fix the pipe connection to the wall properly.
- Recommend maintenance to locate/address leaks in ceiling tile.

25 – Colonial Ramp – On Observations:

The above referenced on ramp is in good condition overall. (Figure 3 & Figure 4)

26 – Colonial Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance of isolated wiring on the outlet missing power is recommended. (Figure 5 & Figure 6)

28 – University Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some maintenance to install missing ceiling tiles is recommended. (Figure 7 & Figure 8)

29 – University Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance to install missing ceiling tiles is recommended. (Figure 9 & Figure 10)

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews



Figure 1 University Mainline Men's Restroom plumbing



Figure 2 University Mainline CCTV Equipment Rack



Figure 3 Colonial Ramp On



Figure 4 Colonial Ramp On



Figure 5 Colonial Ramp Off



Figure 6 Colonial Ramp Off



Figure 7 University Ramp On



Figure 8 University Ramp On



Figure 9 University Ramp Off



Figure 10 University Ramp Off

Appendix 5: SR 429





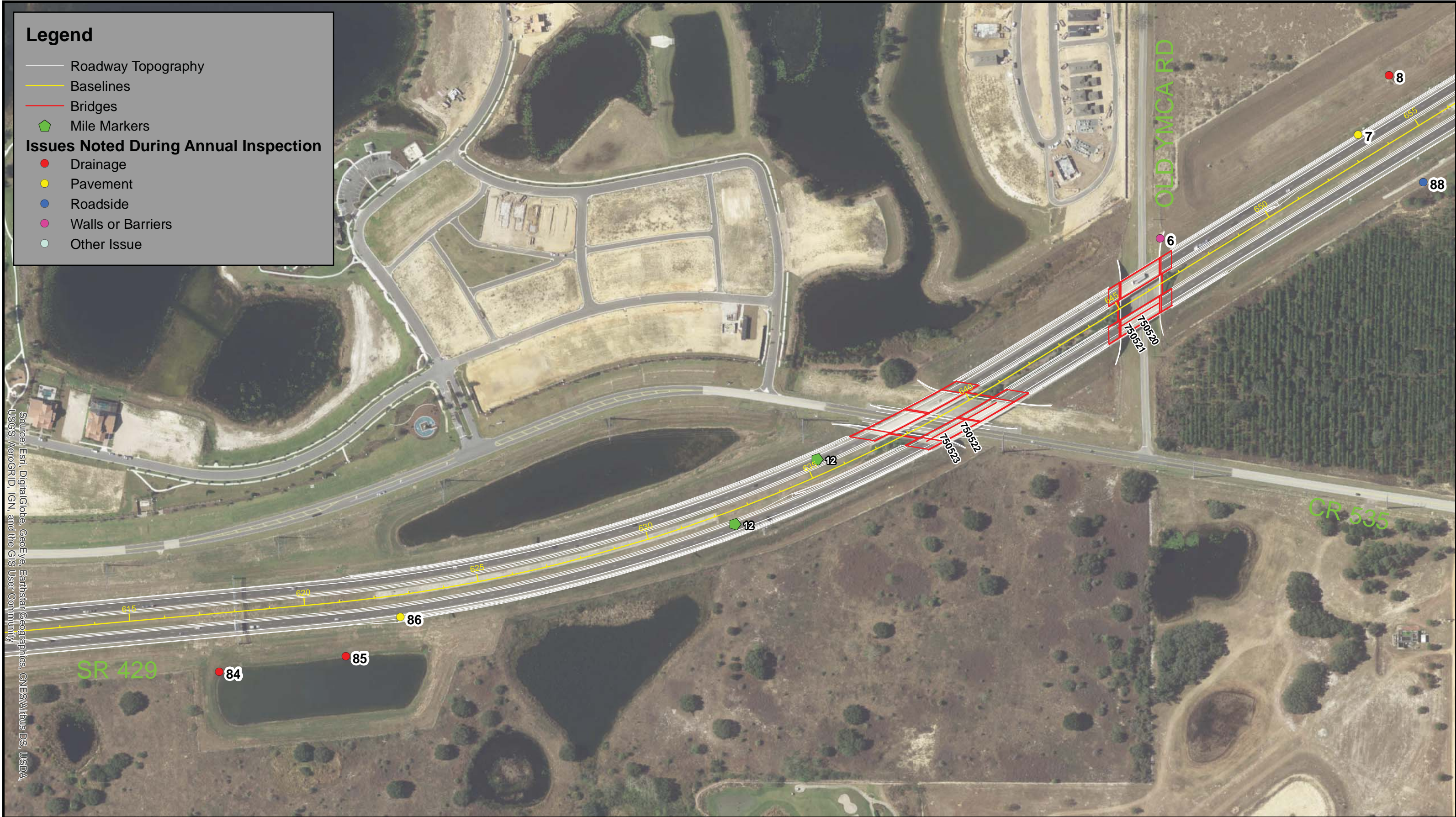
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

- Roadway Topography
- Baselines
- Bridges
- ◆ Mile Markers

Issues Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue





CFX Annual Inspection FY 2018

Inspection Results Map
SR 429- Sheet 3







Source: Esri, DigitalGlobe, GeoEye, USGS, AeroGRID, IGN, and the GIS User Community

Legend

- Roadway Topography
- Baselines
- Bridges
- ◆ Mile Markers

Issues Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue

**CENTRAL
FLORIDA
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AUTHORITY**

CFX Annual Inspection FY 2018

Inspection Results Map
SR 429- Sheet 6

0 125 250 Feet
Data Source:
Image Source: ESRI



Legend

Roadway Topography

Baselines

Bridges

Mile Markers

Issues Noted During Annual Inspection

Drainage

Pavement

Roadside

Walls or Barriers

Other Issue

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



CFX Annual Inspection FY 2018

Inspection Results Map

SR 429- Sheet 7

0

125

250

Feet

Data Source:
Image Source: ESRI

Legend

- Roadway Topography
- Baselines
- Bridges
- Mile Markers

Issues Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

- Roadway Topography
- Baselines
- Bridges
- Mile Markers

Issues Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue



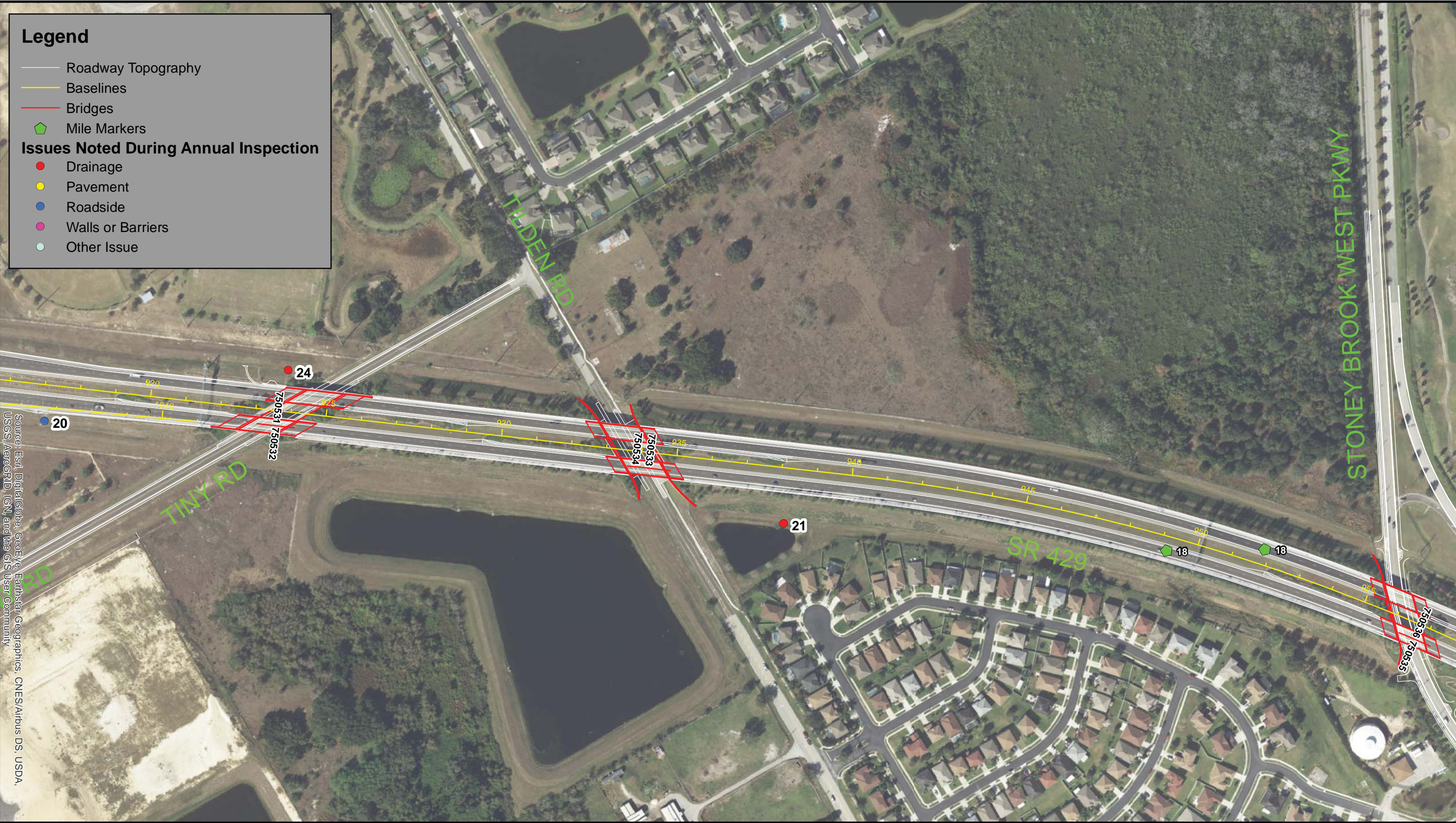
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Legend

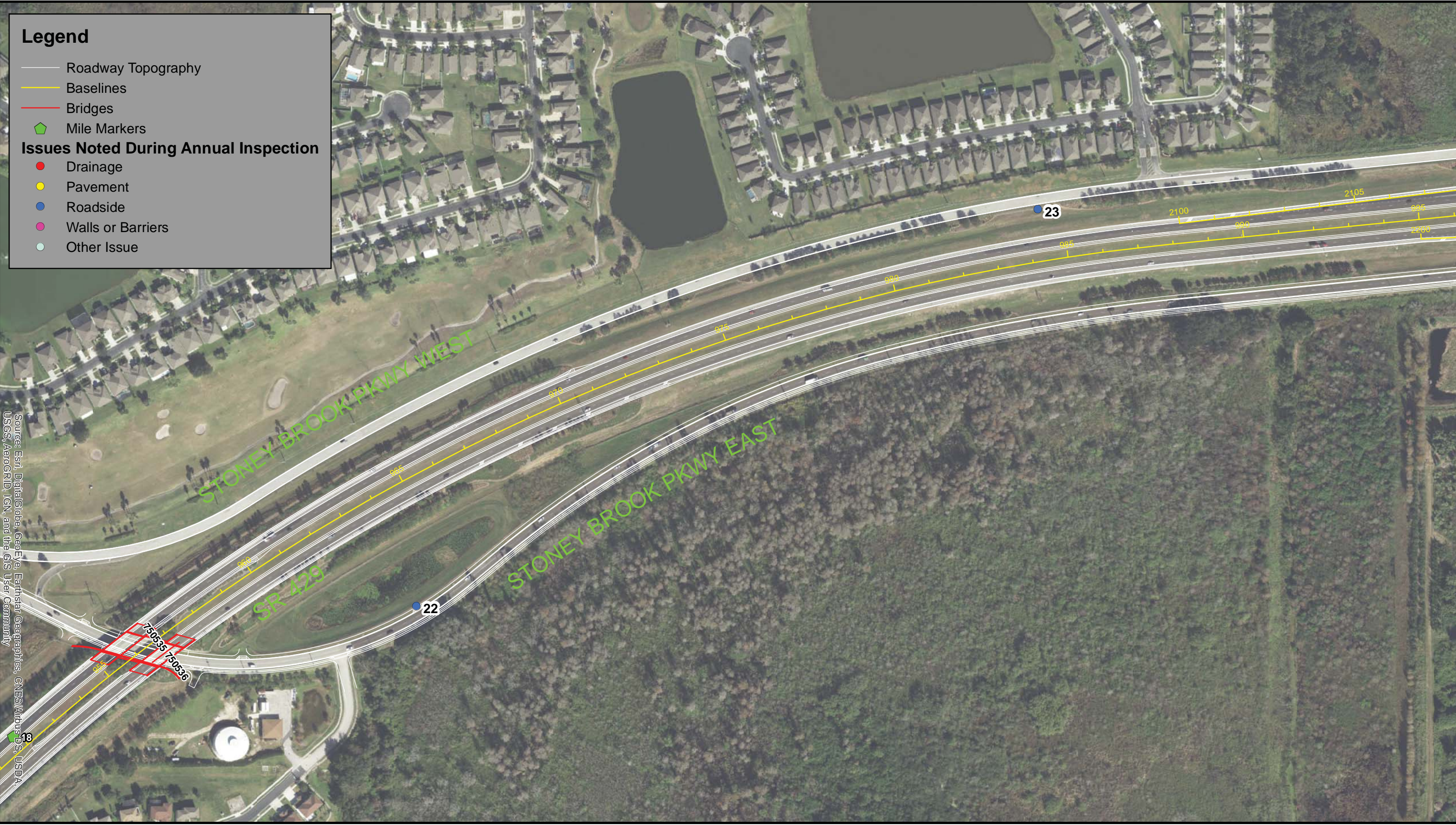
- Roadway Topography
- Baselines
- Bridges
- Mile Markers

Issues Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Legend

Roadway Topography

Baselines

Bridges

Mile Markers

Issues Noted During Annual Inspection

Drainage

Pavement

Roadside

Walls or Barriers

Other Issue

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

- Roadway Topography
- Baselines
- Bridges
- ◆ Mile Markers

Issues Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue

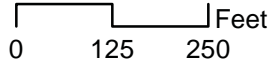


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

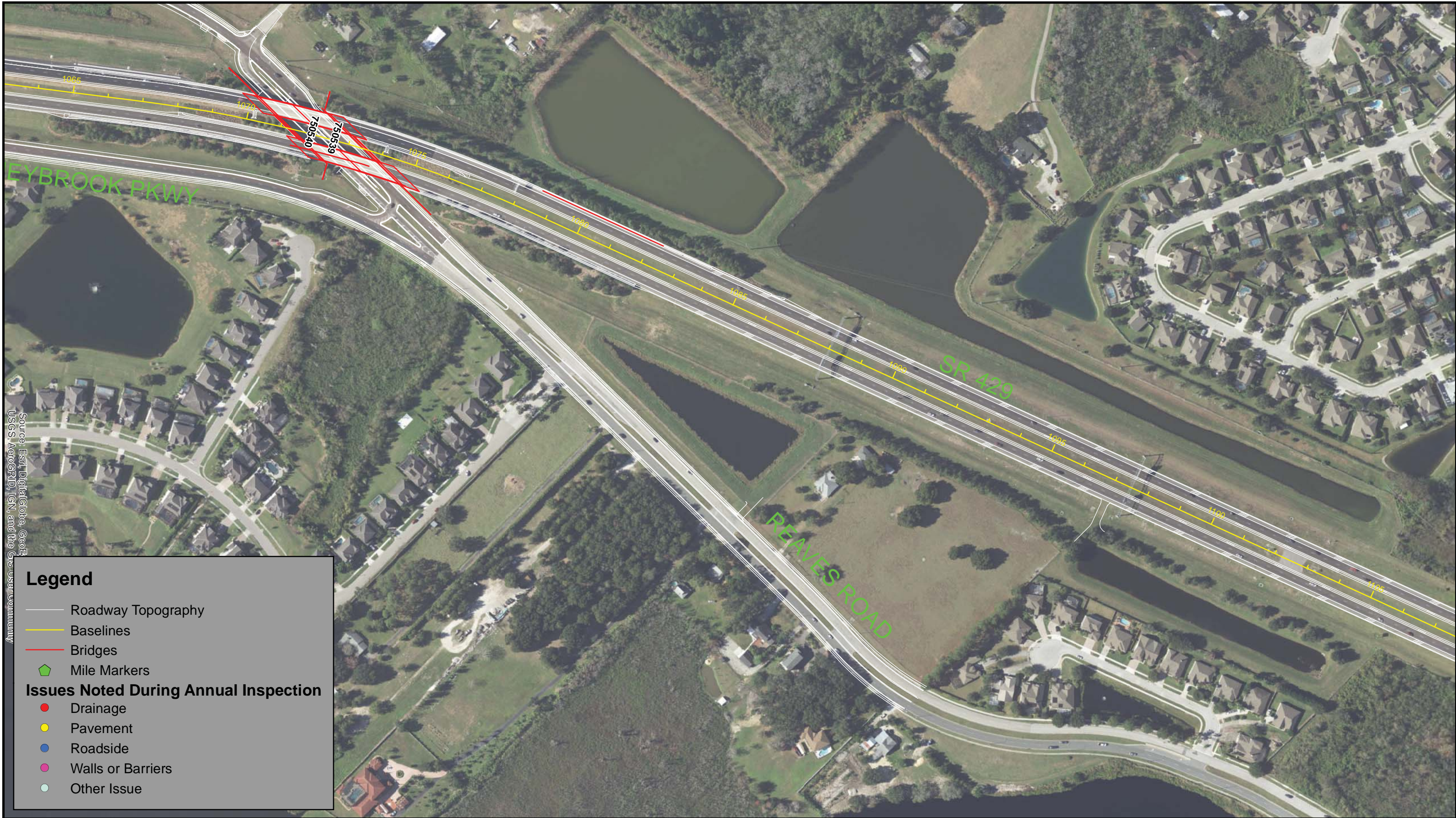


CFX Annual Inspection FY 2018

Inspection Results Map
SR 429- Sheet 12



Data Source:
Image Source: ESRI





Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

— Roadway Topography

— Baselines

— Bridges

◆ Mile Markers

Issues Noted During Annual Inspection

● Drainage

● Pavement

● Roadside

● Walls or Barriers

● Other Issue

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AUTHORITY**

CFX Annual Inspection FY 2018

Inspection Results Map

SR 429- Sheet 16



0 125 250 Feet

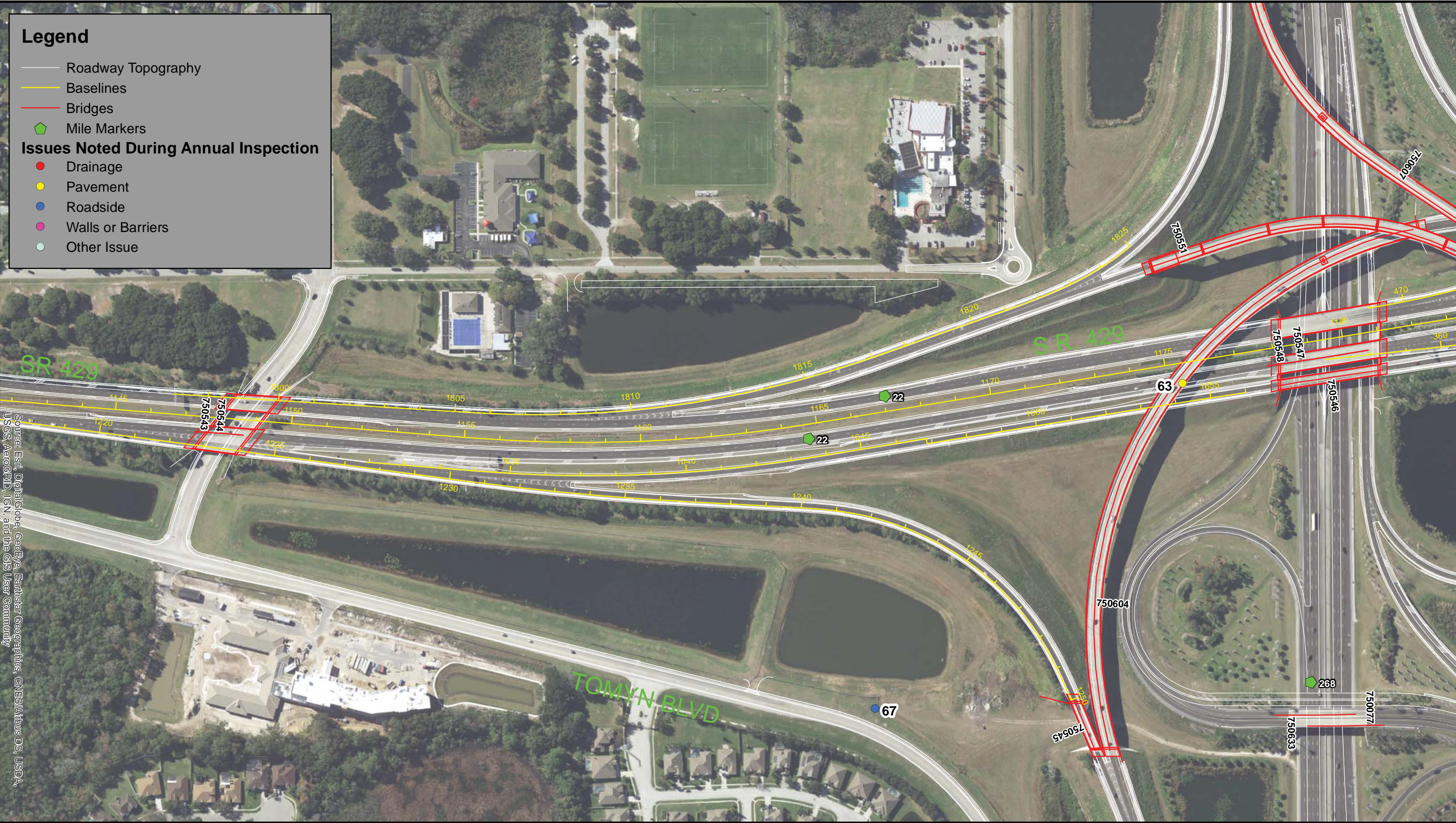
Data Source:
Image Source: ESRI

Legend

- Roadway Topography
- Baselines
- Bridges
- Mile Markers

Issues Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community





Legend

Roadway Topography

Baselines

Bridges

Mile Markers

Issues Noted During Annual Inspection

Drainage

Pavement

Roadside

Walls or Barriers

Other Issue

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

CFX Annual Inspection FY 2018

Inspection Results Map

SR 429- Sheet 21

North Arrow

0

125

250

Feet

Data Source:

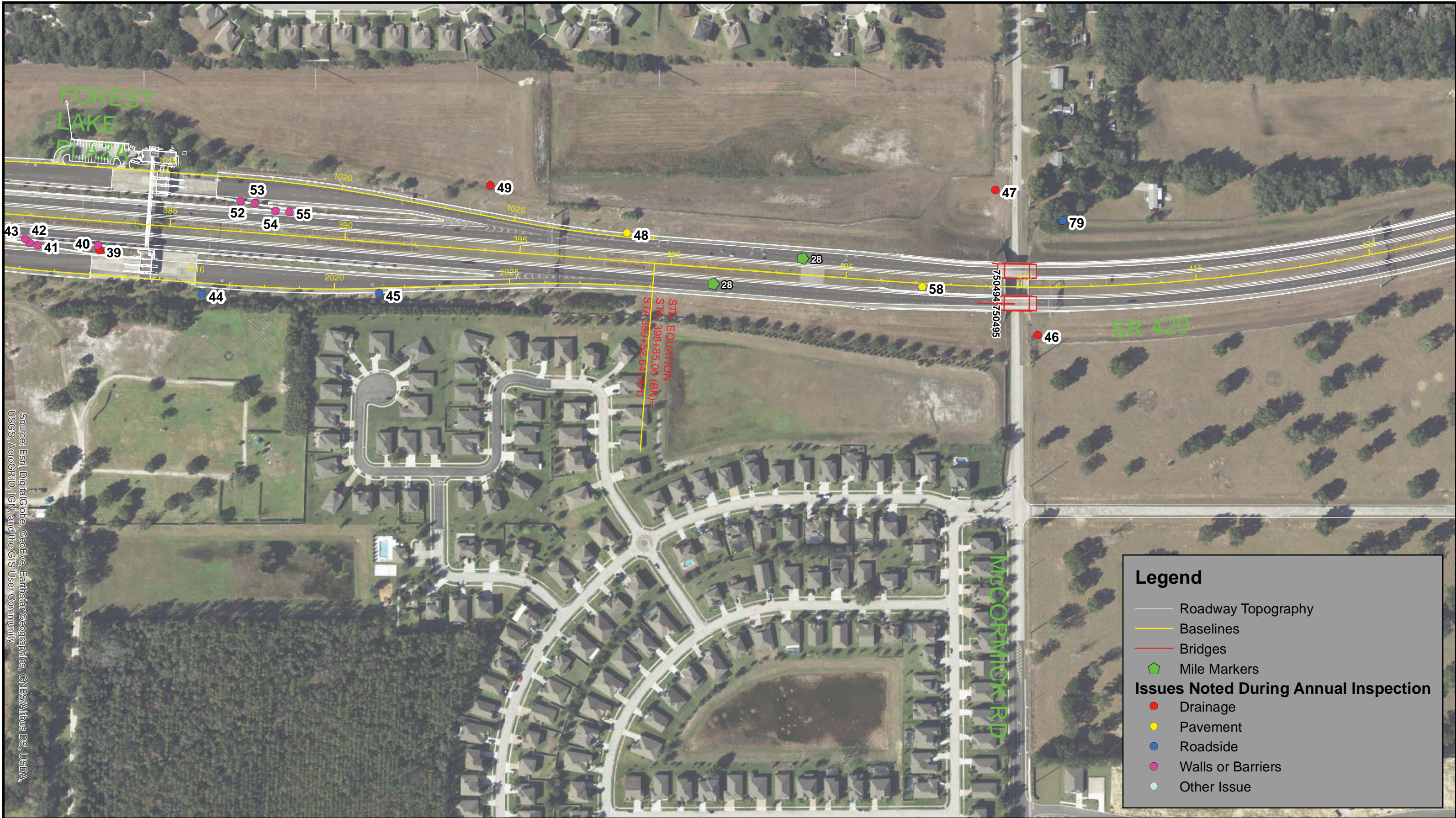
Image Source: ESRI

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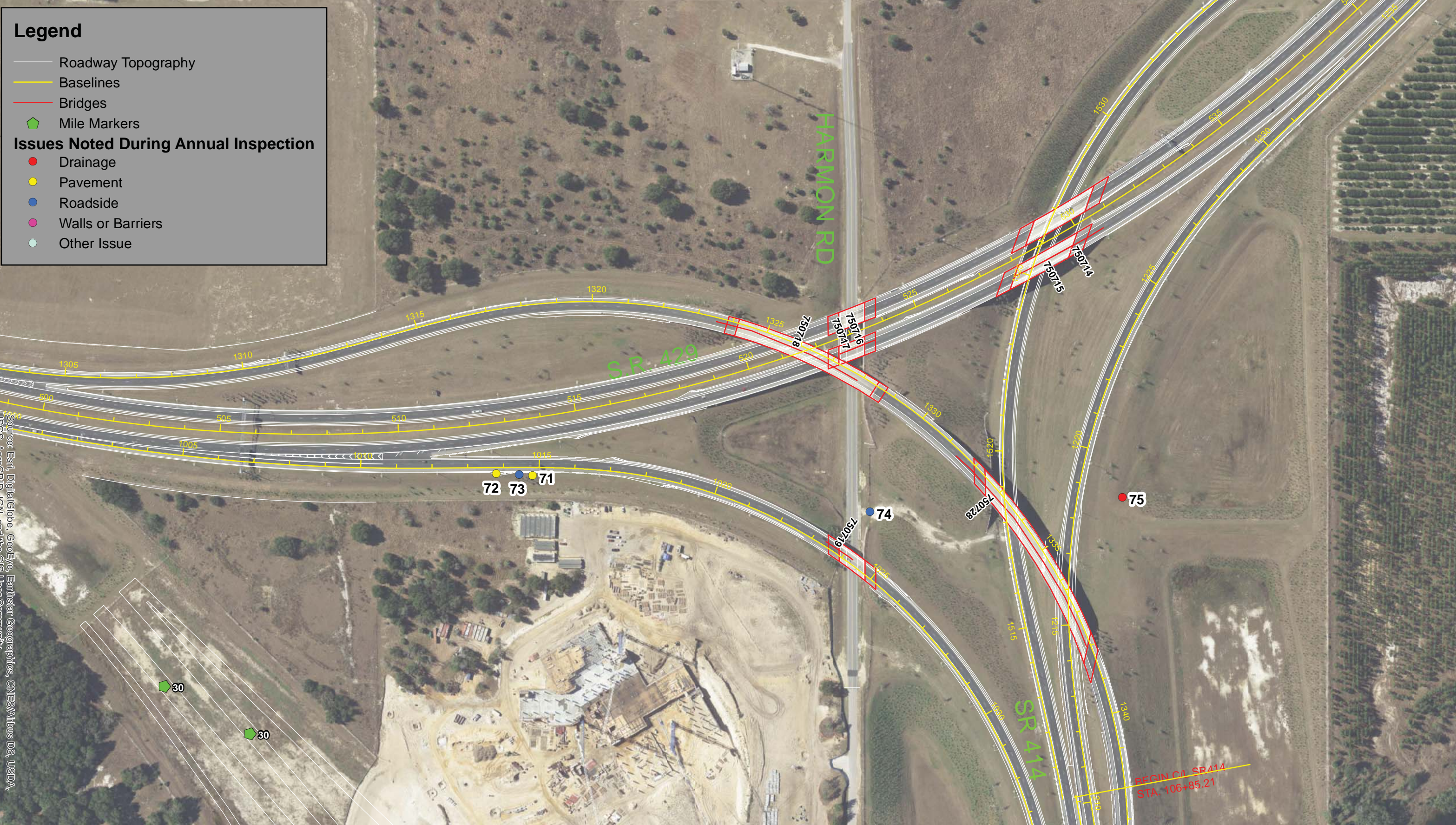




Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Source: Esri/ArcGIS, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Legend

Roadway Topography

Baselines

Bridges

Mile Markers

Issues Noted During Annual Inspection

Drainage

Pavement

Roadside

Walls or Barriers

Other Issue

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



CFX Annual Inspection FY 2018

Inspection Results Map

SR 429- Sheet 28

Feet

0125250

Data Source: ESRI

Image Source: ESRI

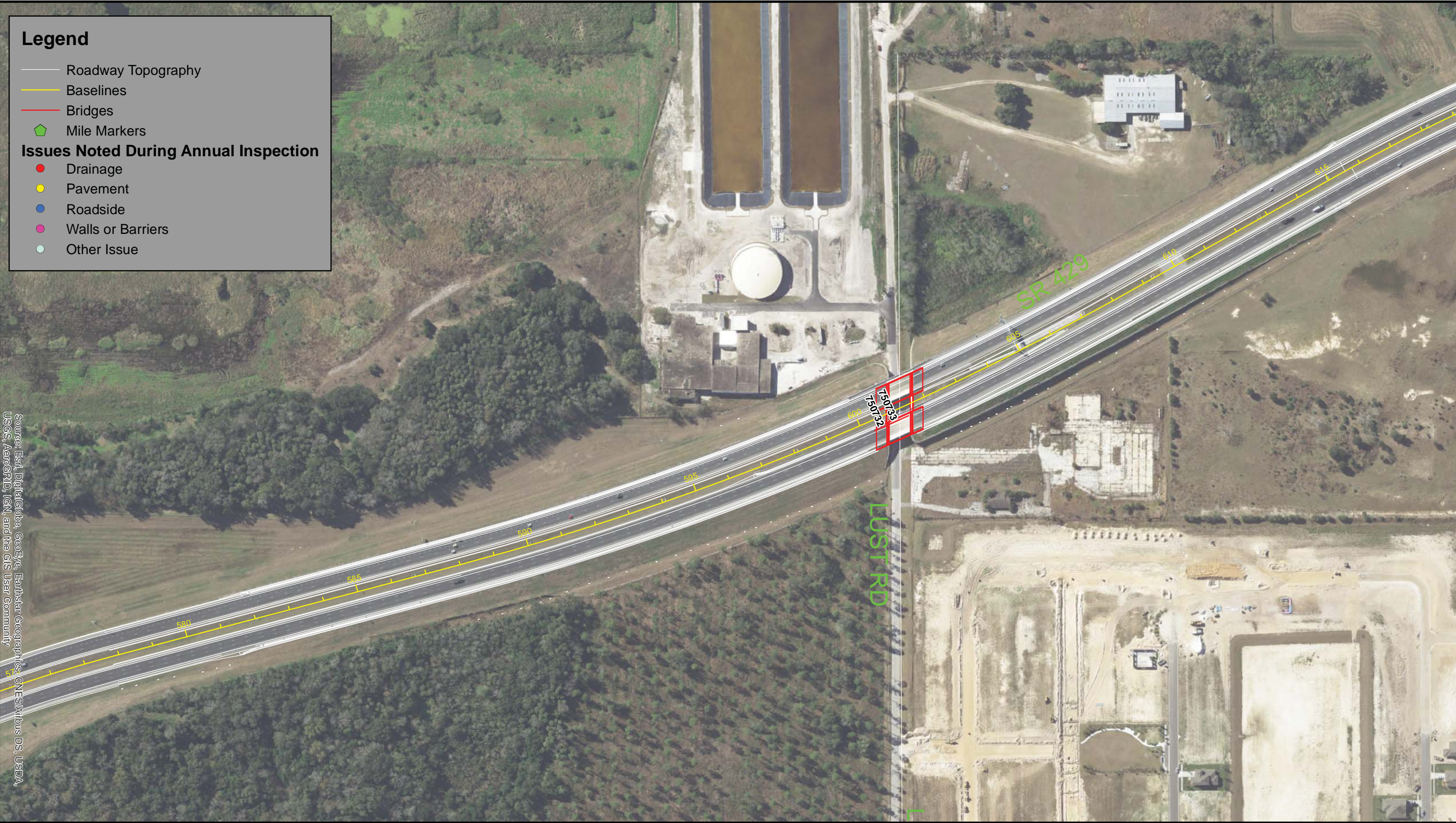


Legend

- Roadway Topography
- Baselines
- Bridges
- Mile Markers

Issues Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



CFX Annual Inspection FY 2018

Inspection Results Map

SR 429- Sheet 30

 N

 Feet
0 125 250

Data Source:
Image Source: ESRI

Legend

- Roadway Topography
- Baselines
- Bridges
- Mile Markers

Issues Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue




Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

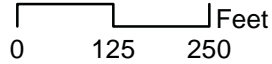


CFX Annual Inspection FY 2018

Inspection Results Map

SR 429- Sheet 31

 N

 Feet
0 125 250

Data Source:
Image Source: ESRI



Legend

- Roadway Topography
- Baselines
- Bridges
- ◆ Mile Markers

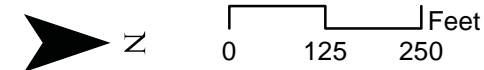
Issues Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue

**CENTRAL
FLORIDA
EXPRESSWAY
AUTHORITY**

CFX Annual Inspection FY 2018

Inspection Results Map
SR 429- Sheet 32



Data Source:
Image Source: ESRI



Legend

- Roadway Topography
- Baselines
- Bridges
- ◆ Mile Markers

Issues Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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FLORIDA
EXPRESSWAY
AUTHORITY**

CFX Annual Inspection FY 2018

Inspection Results Map
SR 429- Sheet 33



0 125 250 Feet

Data Source:
Image Source: ESRI

SR 429 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4
SR 429	1	BJB, DH, ECP, ZF, RT	7/14/2017	Roadside 1	11-12	Roadside	Fence		3		IMG_0033326.jpg	IMG_0034327.jpg		
SR 429	2	BJB, DH, ECP, ZF, RT	7/14/2017	Drainage 2	12-13	Drainage	Drainage Structure		1	Slope erosion and broken slab	IMG_0033328.jpg	IMG_0034329.jpg	IMG_0035330.jpg	IMG_0036331.jpg
SR 429	3	BJB, DH, ECP, ZF, RT	7/14/2017	Roadside 3	13-14	Roadside	Fence		3	Fence damaged	IMG_0033332.jpg			
SR 429	4	BJB, DH, ECP, ZF, RT	7/14/2017	Roadside 4	13-14	Roadside	Erosion		3		IMG_0033333.jpg			
SR 429	5	BJB, DH, ECP, ZF, RT	7/14/2017	Roadside 5	13-14	Roadside	Slope Protection		3		IMG_0033334.jpg	IMG_0034335.jpg	IMG_0035336.jpg	
SR 429	6	BJB, DH, ECP, ZF, RT	7/14/2017	Walls or Barriers 6	12-13	Walls or Barriers	Other		2	Coping damage	IMG_0033337.jpg			
SR 429	7	BJB, DH, ECP, ZF, RT	7/14/2017	Pavement 7	12-13	Pavement	Edge Ravel	Misc. Asphalt Pavement	1		IMG_0033338.jpg	IMG_0034339.jpg		
SR 429	8	BJB, DH, ECP, ZF, RT	7/14/2017	Drainage 8	12-13	Drainage	Drainage Structure		3	Structure filled with sand/sediment	IMG_0033340.jpg			
SR 429	9	BJB, DH, ECP, ZF, RT	7/14/2017	Roadside 9	13-14	Roadside	Erosion		3		IMG_0033341.jpg	IMG_0035342.jpg		
SR 429	10	BJB, DH, ECP, ZF, RT	7/14/2017	Drainage 10	15-16	Drainage	Drainage Structure		3	Structure filled with sand/sediment	IMG_0035343.jpg	IMG_0036344.jpg		
SR 429	11	ECP, NK, RT	7/20/2017	Roadside 11	15-16	Roadside	Erosion		3		IMG_0035346.jpg	IMG_0036347.jpg		
SR 429	12	ECP, NK, RT	7/20/2017	Roadside 12	15-16	Roadside	Erosion		3		IMG_0036348.jpg	IMG_0037349.jpg	IMG_0038350.jpg	
SR 429	13	ECP, NK, RT	7/20/2017	Roadside 13	15-16	Roadside	Erosion		3		IMG_0036351.jpg	IMG_0037352.jpg		
SR 429	14	ECP, NK, RT	7/20/2017	Roadside 14	15-16	Roadside	Erosion		3		IMG_0036353.jpg	IMG_0037354.jpg		
SR 429	15	ECP, NK, RT	7/20/2017	Drainage 15	15-16	Drainage	Drainage Structure		3	Structure cracking	IMG_0036355.jpg			
SR 429	16	ECP, NK, RT	7/20/2017	Roadside 16	16-17	Roadside	Erosion		3		IMG_0036356.jpg			
SR 429	17	ECP, NK, RT	7/20/2017	Roadside 17	16-17	Roadside	Fence		3		IMG_0036357.jpg			
SR 429	18	ECP, NK, RT	7/20/2017	Drainage 18	16-17	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0036358.jpg			
SR 429	19	ECP, NK, RT	7/20/2017	Other Issue 19	16-17	Other Issue			3	Electrical box cover damaged	IMG_0036359.jpg			
SR 429	20	ECP, NK, RT	7/20/2017	Roadside 20	17-18	Roadside	Erosion		2		IMG_0036360.jpg	IMG_0038361.jpg	IMG_0039362.jpg	
SR 429	21	ECP, NK, RT	7/20/2017	Drainage 21	17-18	Drainage	Drainage Structure		3	Structure cracking	IMG_0038363.jpg	IMG_0039364.jpg		
SR 429	22	ECP, NK, RT	7/20/2017	Roadside 22	18-19	Roadside	Fence		3	Fence damaged	IMG_0038365.jpg			
SR 429	23	BJB	7/24/2017	Roadside 23	18-19	Roadside	Fence		3					
SR 429	24	BJB	7/24/2017	Drainage 24	17-18	Drainage	Flume/ Concrete		3	Structure needs vegetation maintenance	IMG_00001.jpg			
SR 429	25	BJB	7/24/2017	Drainage 25	17-18	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_00002.jpg			
SR 429	26	BJB	7/24/2017	Roadside 26	17-18	Roadside	Erosion		2	Slope erosion	IMG_00003.jpg			
SR 429	27	BJB	7/24/2017	Roadside 27	17-18	Roadside	Erosion		1	Shoulder undermined	IMG_00004.jpg			
SR 429	28	BJB	7/24/2017	Roadside 28	16-17	Roadside	Erosion		2	Slope erosion encroaching on clear zone	IMG_00005.jpg			
SR 429	29	BJB	7/24/2017	Drainage 29	16-17	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_00006.jpg			
SR 429	30	BJB	7/24/2017	Drainage 30	16-17	Drainage	Drainage Structure		2	Structure cracking	IMG_00007.jpg			
SR 429	31	BJB	7/24/2017	Roadside 31	16-17	Roadside	Slope Protection		2	Slope erosion	IMG_00008.jpg			
SR 429	32	BJB	7/24/2017	Drainage 32	16-17	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_00009.jpg			
SR 429	33	BJB	7/24/2017	Roadside 33	15-16	Roadside	Fence		1		IMG_000010.jpg			
SR 429	34	BJB, RT	7/27/2017	Roadside 34	26-27	Roadside	Erosion		3		IMG_000128.jpg	IMG_000229.jpg		
SR 429	35	BJB, RT	7/27/2017	Roadside 35	26-27	Roadside	Fence		2	Fence damaged	IMG_000130.jpg			
SR 429	36	BJB, RT	7/27/2017	Roadside 36	26-27	Roadside	Fence		3	Multiple fence posts damaged	IMG_000131.jpg			
SR 429	37	BJB, RT	7/27/2017	Roadside 37	27-28	Roadside	Fence		3	Fence damaged in multiple places	IMG_000132.jpg			
SR 429	38	BJB, RT	7/27/2017	Roadside 38	27-28	Roadside	Fence		3		IMG_000133.jpg			
SR 429	39	BJB, RT	7/27/2017	Drainage 39	27-28	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_000134.jpg	IMG_000235.jpg		
SR 429	40	BJB, RT	7/27/2017	Walls or Barriers 40	27-28	Walls or Barriers	Barrier Wall		3	Structure cracking	IMG_000136.jpg			
SR 429	41	BJB, RT	7/27/2017	Walls or Barriers 41	27-28	Walls or Barriers	Barrier Wall		3	Structure cracking	IMG_000137.jpg	IMG_000238.jpg	IMG_000339.jpg	

SR 429 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4
SR 429	42	BJB, RT	7/27/2017	Walls or Barriers 42	27-28	Walls or Barriers	Barrier Wall		3		IMG_000140.jpg			
SR 429	43	BJB, RT	7/27/2017	Walls or Barriers 43	27-28	Walls or Barriers	Barrier Wall		3	Structure cracking	IMG_000141.jpg	IMG_000242.jpg	IMG_000343.jpg	
SR 429	44	BJB, RT	7/27/2017	Roadside 44	27-28	Roadside	Erosion		2		IMG_000144.jpg			
SR 429	45	BJB, RT	7/27/2017	Roadside 45	27-28	Roadside	Erosion		2		IMG_000145.jpg			
SR 429	46	BJB, RT	7/27/2017	Drainage 46	28-29	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_000146.jpg			
SR 429	47	BJB, RT	7/27/2017	Drainage 47	28-29	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_000147.jpg			
SR 429	48	BJB, RT	7/27/2017	Pavement 48	27-28	Pavement	Cracking	Paved Shoulder	2		IMG_000148.jpg			
SR 429	49	BJB, RT	7/27/2017	Drainage 49	27-28	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_000149.jpg			
SR 429	50	BJB, RT	7/27/2017	Drainage 50	27-28	Drainage	Drainage Structure		2	Structure filled with sand/sediment	IMG_000150.jpg	IMG_000251.jpg		
SR 429	51	BJB, RT	7/27/2017	Drainage 51	27-28	Drainage	Drainage Structure		2	Structure needs vegetation maintenance	IMG_000152.jpg	IMG_000253.jpg		
SR 429	52	BJB, RT	7/27/2017	Walls or Barriers 52	27-28	Walls or Barriers	Barrier Wall		3	Structure cracking	IMG_000154.jpg			
SR 429	53	BJB, RT	7/27/2017	Walls or Barriers 53	27-28	Walls or Barriers	Barrier Wall		3	Structure cracking	IMG_000155.jpg	IMG_000256.jpg		
SR 429	54	BJB, RT	7/27/2017	Walls or Barriers 54	27-28	Walls or Barriers	Barrier Wall		3	Structure cracking	IMG_000157.jpg	IMG_000258.jpg		
SR 429	55	BJB, RT	7/27/2017	Walls or Barriers 55	27-28	Walls or Barriers	Barrier Wall		3	Structure cracking	IMG_000159.jpg	IMG_000260.jpg	IMG_000361.jpg	IMG_000462.jpg
SR 429	56	BJB, RT	7/27/2017	Roadside 56	26-27	Roadside	Erosion		3		IMG_000163.jpg	IMG_000264.jpg		
SR 429	57	BJB, RT	7/27/2017	Other Issue 57	26-27	Other Issue			2	Cleanout missing cap	IMG_000165.jpg			
SR 429	58	BJB, RT	7/27/2017	Pavement 58	28-29	Pavement	Cracking	Misc. Asphalt Pavement	2		IMG_000166.jpg	IMG_000267.jpg		
SR 429	59	BJB, RT	7/27/2017	Drainage 59	28-29	Drainage	Drainage Structure		2		IMG_000168.jpg			
SR 429	60	BJB, RT	7/27/2017	Walls or Barriers 60	29-30	Walls or Barriers	Retaining Wall		3	Needs caulking	IMG_000169.jpg			
SR 429	61	NK, ZF	7/26/2017	Other Issue 61	21-22	Other Issue			3	Disconnect post leaning	IMG_000011.jpg	IMG_000112.jpg		
SR 429	62	NK, ZF	7/26/2017	Drainage 62	21-22	Drainage	Drainage Structure		3	Structure filled with sand/sediment	IMG_000013.jpg			
SR 429	63	NK, ZF	7/26/2017	Pavement 63	22-23	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_000014.jpg	IMG_000115.jpg		
SR 429	64	NK, ZF	7/26/2017	Roadside 64	22-23	Roadside	Fence		3		IMG_000016.jpg			
SR 429	65	NK, ZF	7/26/2017	Drainage 65	22-23	Drainage	Flume/ Concrete Apron		3	Bank erosion around structure and minor cracking	IMG_000017.jpg	IMG_000118.jpg		
SR 429	66	NK, ZF	7/26/2017	Roadside 66	22-23	Roadside	Fence		3		IMG_000019.jpg			
SR 429	67	NK, ZF	7/26/2017	Roadside 67	22-23	Roadside	Fence		3		IMG_000020.jpg			
SR 429	68	NK, ZF	7/26/2017	Roadside 68	23-24	Roadside	Erosion		3		IMG_000121.jpg	IMG_000222.jpg		
SR 429	69	NK, ZF	7/26/2017	Roadside 69	25-26	Roadside	Fence		3		IMG_000123.jpg	IMG_000224.jpg		
SR 429	70	NK, ZF	7/26/2017	Roadside 70	23-24	Roadside	Erosion		1		IMG_000125.jpg	IMG_000226.jpg	IMG_000327.jpg	
SR 429	71	DH, ZF	7/28/2017	Pavement 71	30 +	Pavement	Edge Ravel	Misc. Asphalt Pavement	1	Slope erosion and edge ravel. Erosion around mast arm	IMG_000170.jpg	IMG_000271.jpg	IMG_000372.jpg	IMG_000473.jpg
SR 429	72	DH, ZF	7/28/2017	Pavement 72	30 +	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_000174.jpg	IMG_000275.jpg		
SR 429	73	DH, ZF	7/28/2017	Roadside 73	30 +	Roadside	Erosion		2		IMG_000176.jpg	IMG_000277.jpg		
SR 429	74	DH, ZF	7/28/2017	Roadside 74	30 +	Roadside	Fence		3	Erosion around gate	IMG_000178.jpg			
SR 429	75	DH, ZF	7/28/2017	Drainage 75	30 +	Drainage	Drainage Structure		3	Deep bank erosion around structure	IMG_000179.jpg	IMG_000280.jpg		
SR 429	76	DH, ZF	7/28/2017	Roadside 76	30 +	Roadside	Fence		3	Fence damaged	IMG_000181.jpg			
SR 429	77	DH, ZF	7/28/2017	Drainage 77	30 +	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_000182.jpg			
SR 429	78	DH, ZF	7/28/2017	Drainage 78	28-29	Drainage	Drainage Structure		2	Deep bank erosion around structure	IMG_000183.jpg	IMG_000284.jpg		
SR 429	79	DH, ZF	7/28/2017	Roadside 79	28-29	Roadside	Fence		3	Fence damaged- possible construction	IMG_000185.jpg			
SR 429	80	BJB, ZF	8/31/2017	Roadside 80	14-15	Roadside	Erosion		2		IMG_0008408.jpg	IMG_0009409.jpg		
SR 429	81	BJB, ZF	8/31/2017	Roadside 81	14-15	Roadside	Fence		3	Fence completely covered with vegetation	IMG_0008410.jpg			

SR 429 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4
SR 429	82	BJB, ZF	8/31/2017	Roadside 82	13-14	Roadside	Erosion		3		IMG_0008411.jpg	IMG_0009412.jpg		
SR 429	83	BJB, ZF	8/31/2017	Pavement 83	12-13	Pavement	Edge Ravel	Misc. Asphalt Pavement	2		IMG_0008413.jpg	IMG_0009414.jpg		
SR 429	84	BJB, ZF	8/31/2017	Drainage 84	11-12	Drainage	Drainage Structure		2	Bank erosion around structure	IMG_0008415.jpg			
SR 429	85	BJB, ZF	8/31/2017	Drainage 85	11-12	Drainage	Drainage Structure		2	Bank erosion around structure	IMG_0010416.jpg	IMG_0011417.jpg		
SR 429	86	BJB, ZF	8/31/2017	Pavement 86	11-12	Pavement	Edge Ravel	Misc. Asphalt Pavement	3		IMG_0010418.jpg	IMG_0011419.jpg		
SR 429	87	BJB, ZF	8/31/2017	Drainage 87	12-13	Drainage	Flume/ Concrete		2	Structure cracking	IMG_0010420.jpg	IMG_0011421.jpg		
SR 429	88	BJB, ZF	8/31/2017	Roadside 88	12-13	Roadside	Fence		3	Fence damaged	IMG_0010422.jpg			
SR 429	89	BJB, ZF	8/31/2017	Roadside 89	12-13	Roadside	Erosion		3		IMG_0010423.jpg			
SR 429	90	BJB, ZF	8/31/2017	Pavement 90	14-15	Pavement	Cracking	Misc. Asphalt Pavement	2		IMG_0010424.jpg			
SR 429	91	BJB, ZF	8/31/2017	Drainage 91	14-15	Drainage	Drainage Structure		3	Structure needs object marker	IMG_0010425.jpg			
SR 429	92	BJB, ZF	8/31/2017	Drainage 92	14-15	Drainage	Drainage Structure		3	Structure needs object marker	IMG_0010426.jpg			
SR 429	93	BJB, ZF	8/31/2017	Roadside 93	14-15	Roadside	Erosion		3		IMG_0010427.jpg	IMG_0011428.jpg		
SR 429	94	BJB, ZF	8/31/2017	Roadside 94	14-15	Roadside	Fence		3	Fence post damaged	IMG_0010429.jpg			
SR 429	95	BJB, RT	8/1/2017	Roadside 95	30 +	Roadside	Erosion		1		IMG_000186.jpg	IMG_000287.jpg		
SR 429	96	BJB, RT	8/1/2017	Drainage 96	30 +	Drainage	Drainage Structure		3	Structure needs debris maintenance	IMG_000188.jpg			
SR 429	97	BJB, RT	8/1/2017	Other Issue 97	30 +	Other Issue			3	Damage on underside of bridge	IMG_000189.jpg			
SR 429	98	BJB, RT	8/1/2017	Drainage 98	30 +	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_000190.jpg			

Rating Key	
1	Requires Immediate Attention
2	Poor Condition but Operable
3	Routine Maintenance Needed



2017 Annual Facilities Inspection Report



Independence Main Plaza

October 27, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

**Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807**

Inspection Date: 10/10/17
Arrived: 8:30 AM
Weather: 91 °, partly cloudy

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the Independence Mainline Plaza.

76 – Independence Main Plaza

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring and HVAC systems. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- Main Plaza break room area has cracks in the window glass. (Figure 1)
- Main Plaza computer room is missing HVAC vent. (Figure 2)

Overpass Observations:

- Overpass area is in need of pressure washing. (Figure 3 & Figure 4)

Exterior Observations:

- The above referenced site is in good condition overall with no identified deficiencies. .

Recommendations:

- Recommend pressure wash overpass area.
- Recommend HVAC contractor visit the plaza to ensure all vents have covers.
- Recommend general maintenance on the cracked window glass in the break room.

72 – Schofield Ramp – On Observations:

The above referenced on ramp is in good condition overall. Maintenance is recommended on some ceiling tiles and all leaks associated with the HVAC issues need to be addressed. (Figure 5, Figure 6, Figure 7, Figure 8, Figure 9 & Figure 10)

73 – Schofield Road Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance on the electrical wiring missing power is recommended along with patching the tears in the HVAC duct work. (Figure 11, Figure 12 Figure 13 & Figure 14)

74 – New Independence Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some maintenance is recommended to address the peeling paint on the signage post and minor wiring issues need to be corrected. (Figure 15, Figure 16, Figure 17, & Figure 18)

75 – New Independence Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance is recommended to address the peeling paint on the signage post. (Figure 19 & Figure 20)

77 – CR-535 Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Removal of abandoned equipment is recommended. (Figure 21 & Figure 22)

78 – CR-535 Ramp – On Observations:

The above referenced on ramp is in good condition overall. Investigation into the leak in the ceiling tile is recommended. (Figure 23 & Figure 24)

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews



Figure 1 Independence Mainline



Figure 2 Independence Mainline



Figure 3 Independence Mainline



Figure 4 Independence Mainline



Figure 5 Schofield Ramp On

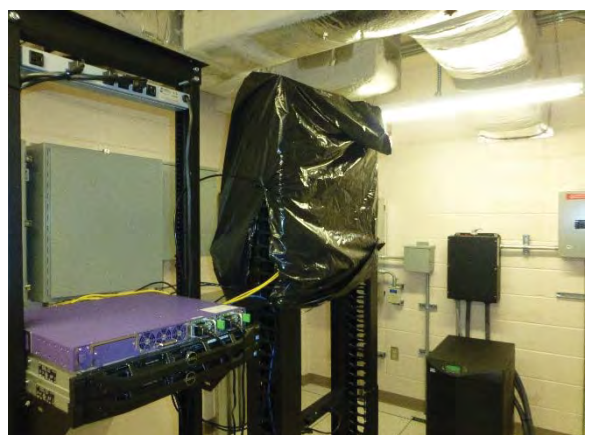


Figure 6 Schofield Ramp On



Figure 7 Schofield Ramp On



Figure 8 Schofield Ramp On



Figure 9 Schofield Ramp On



Figure 10 Schofield Ramp On



Figure 11 Schofield Ramp Off



Figure 12 Schofield Ramp Off



Figure 13 Schofield Ramp Off



Figure 14 Schofield Ramp Off

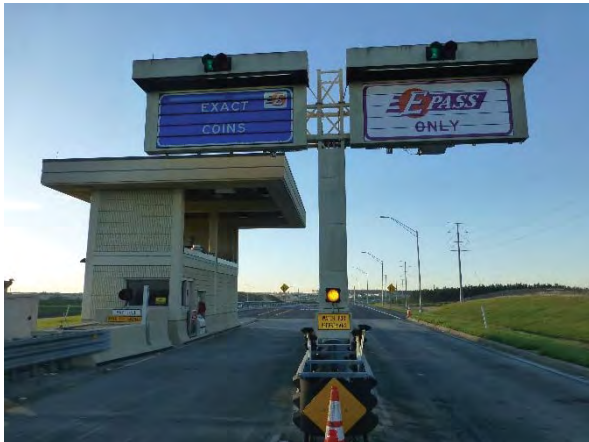


Figure 15 New Independence Ramp On



Figure 16 New Independence Ramp On



Figure 17 New Independence Ramp On



Figure 18 New Independence Ramp On



Figure 19 New Independence Ramp Off



Figure 20 New Independence Ramp Off

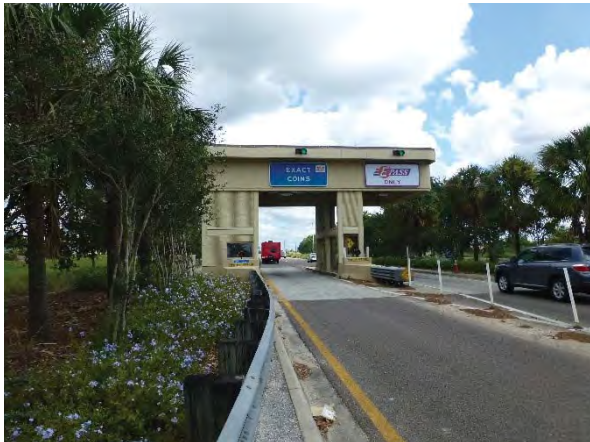


Figure 21 CR-535 Ramp Off



Figure 22 CR-535 Ramp Off



Figure 23 CR-535 Ramp On



Figure 24 CR-535 Ramp On



2017 Annual Facilities Inspection Report



Forest Lake Main Plaza

October 19, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

**Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807**

Inspection Date: 10/10/17
Arrived: 8:30 AM
Weather: 91 °, partly cloudy

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the Forest Lake Mainline Plaza.

83 – Forest Lake Main Plaza

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring, breakers, lighting and HVAC systems. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- Main Plaza computer room is missing HVAC vent cover above equipment racks. (Figure 1)
- Main Plaza ceiling tile above equipment room has identified leaks. (Figure 2)

Overpass Observations:

- Overpass has some recommended areas of repair as shown in inspection photos. (Figure 5 & Figure 6)

Exterior Observations:

- Exterior toll booths have some isolated wiring issued identified and missing power outlets. (Figure 3 & Figure 4)

Recommendations:

- Recommend electrical contractor visit plaza to resolve some isolated wiring issues.
- Recommend HVAC contractor visit the plaza to replace missing vent covers.
- Recommend maintenance on overpass to restore and repaint identified area in need of repair.
- Recommend maintenance to determine the cause of the leaks in the ceiling tiles.

79 – SR-438 Ramp – On Observations:

The above referenced on ramp is in good condition overall. (Figure 7 & Figure 8)

80 – SR-438 Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some maintenance and pest control of the unmanned booth is also recommended. (Figure 9 & Figure 10)

81 – West Road Ramp – Off Observations:

The above referenced on ramp is in good condition overall. Some isolated wiring to outlets without power needs to be addressed. (Figure 11 & Figure 12)

82 – West Road Ramp – On Observations:

The above referenced on ramp is in good condition overall. (Accident scene).
(Figure 13 & Figure 14)

84 – CR 437 Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some isolated wiring to outlets without power needs to be addressed. (Figure 15 & Figure 16)

85 – CR 437 Road Ramp – Off Observations:

The above referenced on ramp is in good condition overall. (Figure 17 & Figure 18)

86 – Ponkan Gantry – Observations:

The above referenced on ramp is in good condition overall. (Figure 19 & Figure 20)

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews



Figure 1 Forest Lake Mainline



Figure 2 Forest Lake Mainline



Figure 3 I Forest Lake Mainline



Figure 4 Forest Lake Mainline



Figure 5 Forest Lake Mainline



Figure 6 Forest Lake Mainline



Figure 7 SR 438 Ramp On



Figure 8 SR 438 Ramp On



Figure 9 SR 438 Ramp Off



Figure 10 SR 438 Ramp Off



Figure 11 West Road Ramp On



Figure 12 West Road Ramp On



Figure 13 West Road Ramp Off



Figure 14 West Road Ramp Off



Figure 15 CR-437A Ramp Off



Figure 16 CR-437A Ramp Off



Figure 17 CR-437A Ramp On



Figure 18 CR-437A Ramp On



Figure 19 Ponkan Gantry



Figure 20 Ponkan Gantry

Appendix 6: SR 528

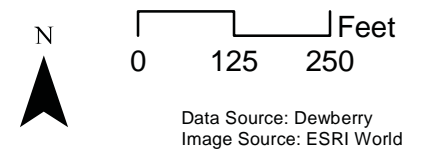




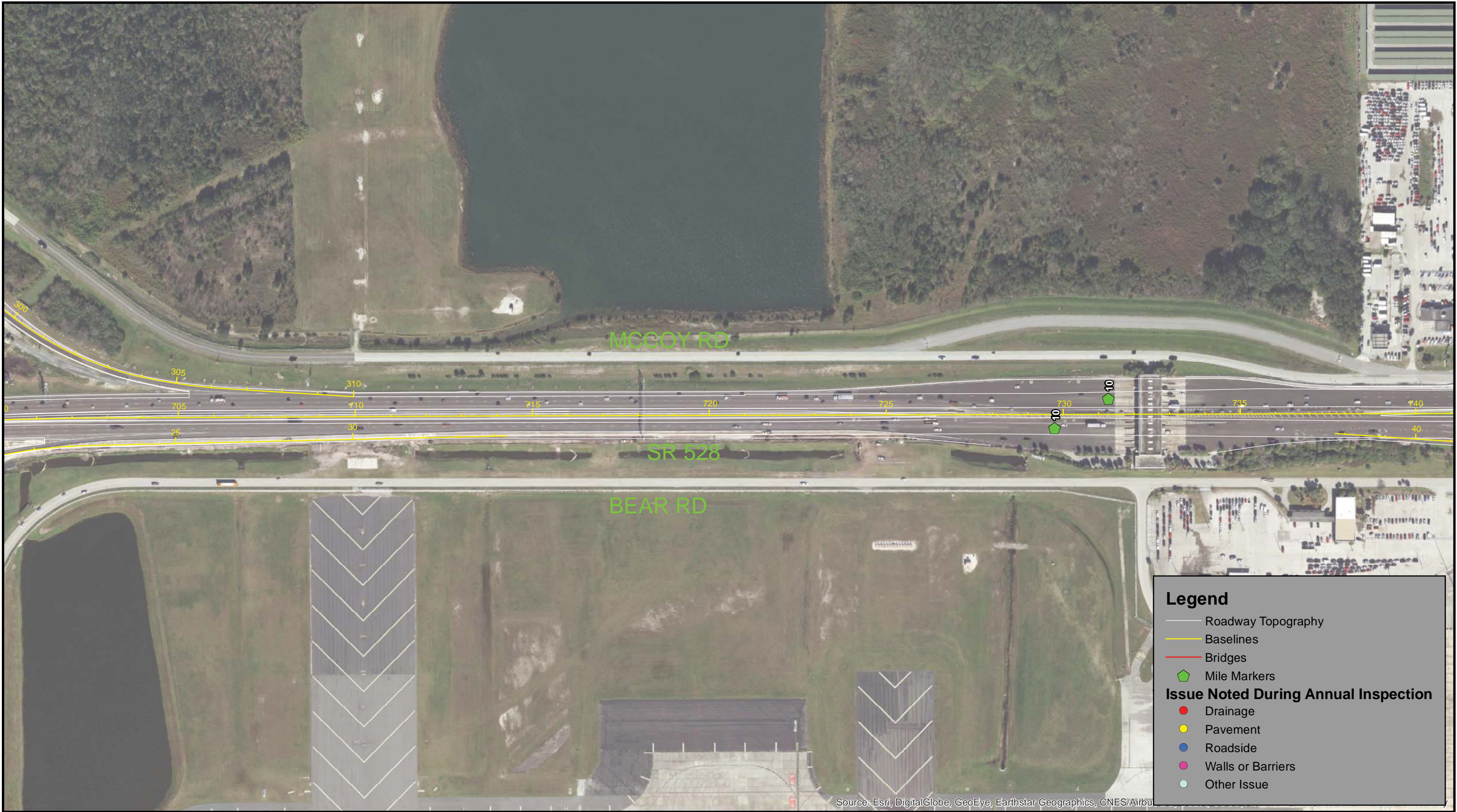
CFX Annual Inspection FY 2018

Inspection Results Map

SR 528- Sheet 1

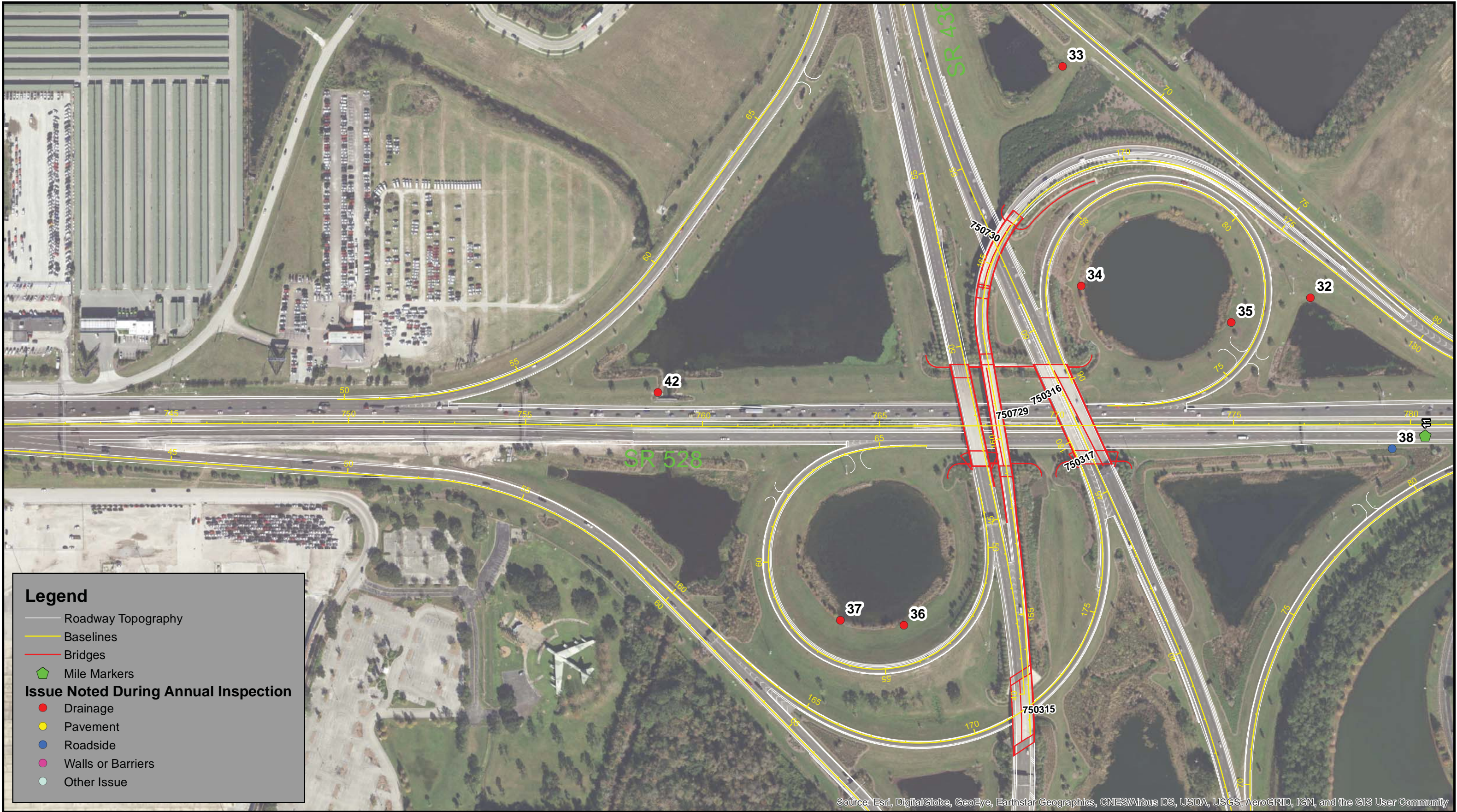






CFX Annual Inspection FY 2018

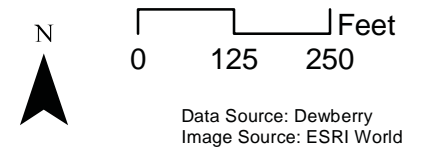
Inspection Results Map
SR 528- Sheet 3

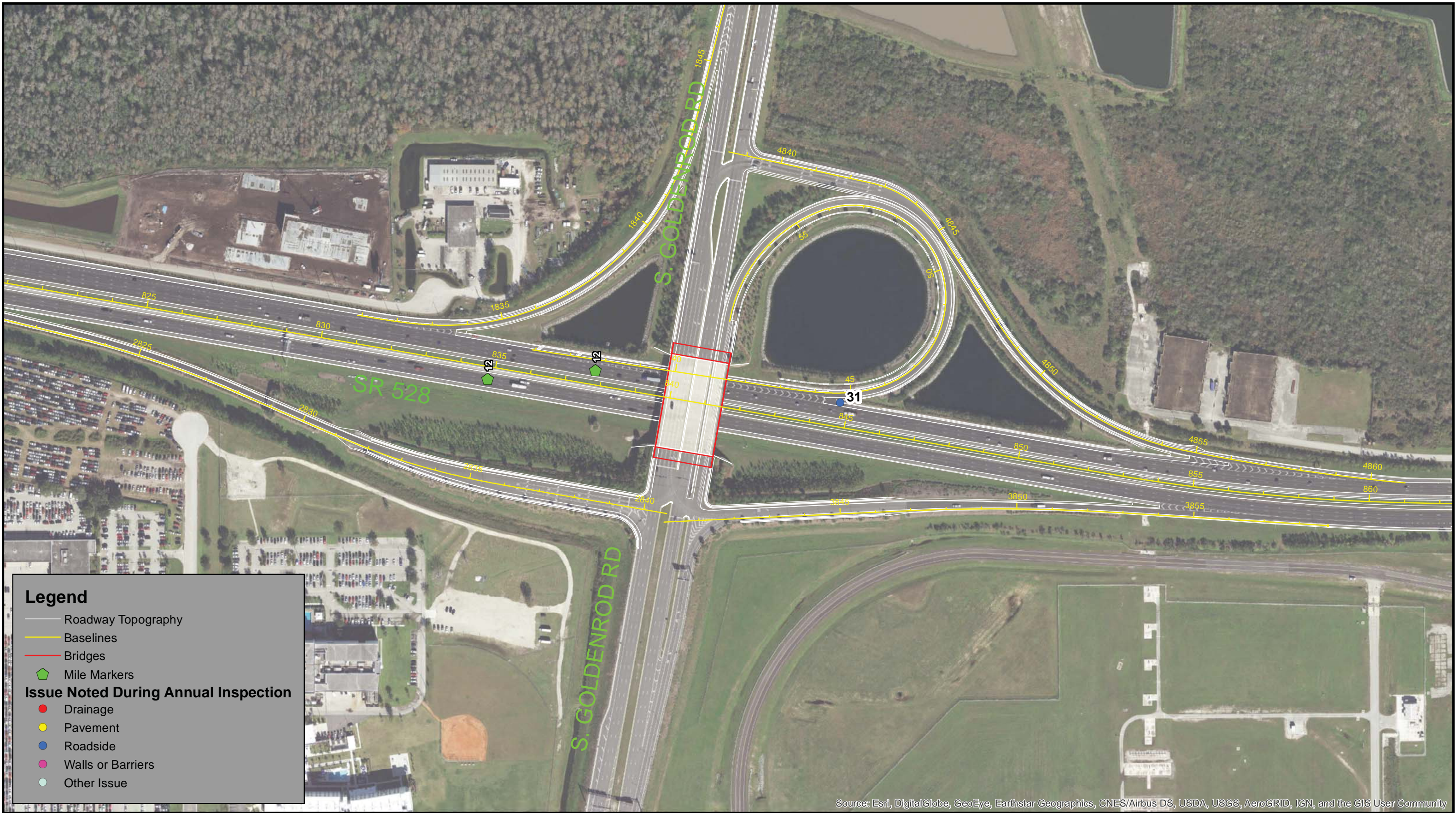




CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 5



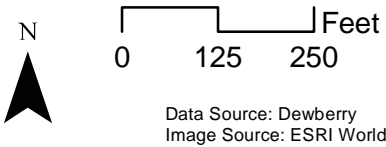


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 6



Data Source: Dewberry
Image Source: ESRI World



Legend

- Roadway Topography
- Baselines
- Bridges
- ◆ Mile Markers

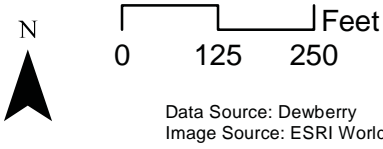
Issue Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue



CFX Annual Inspection FY 2018

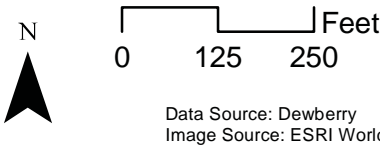
Inspection Results Map
SR 528- Sheet 7





CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 8

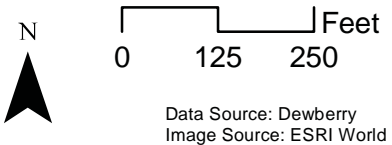




CFX Annual Inspection FY 2018

Inspection Results Map

SR 528- Sheet 9

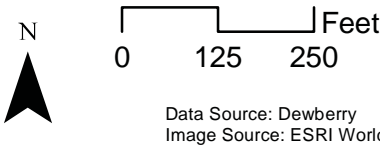


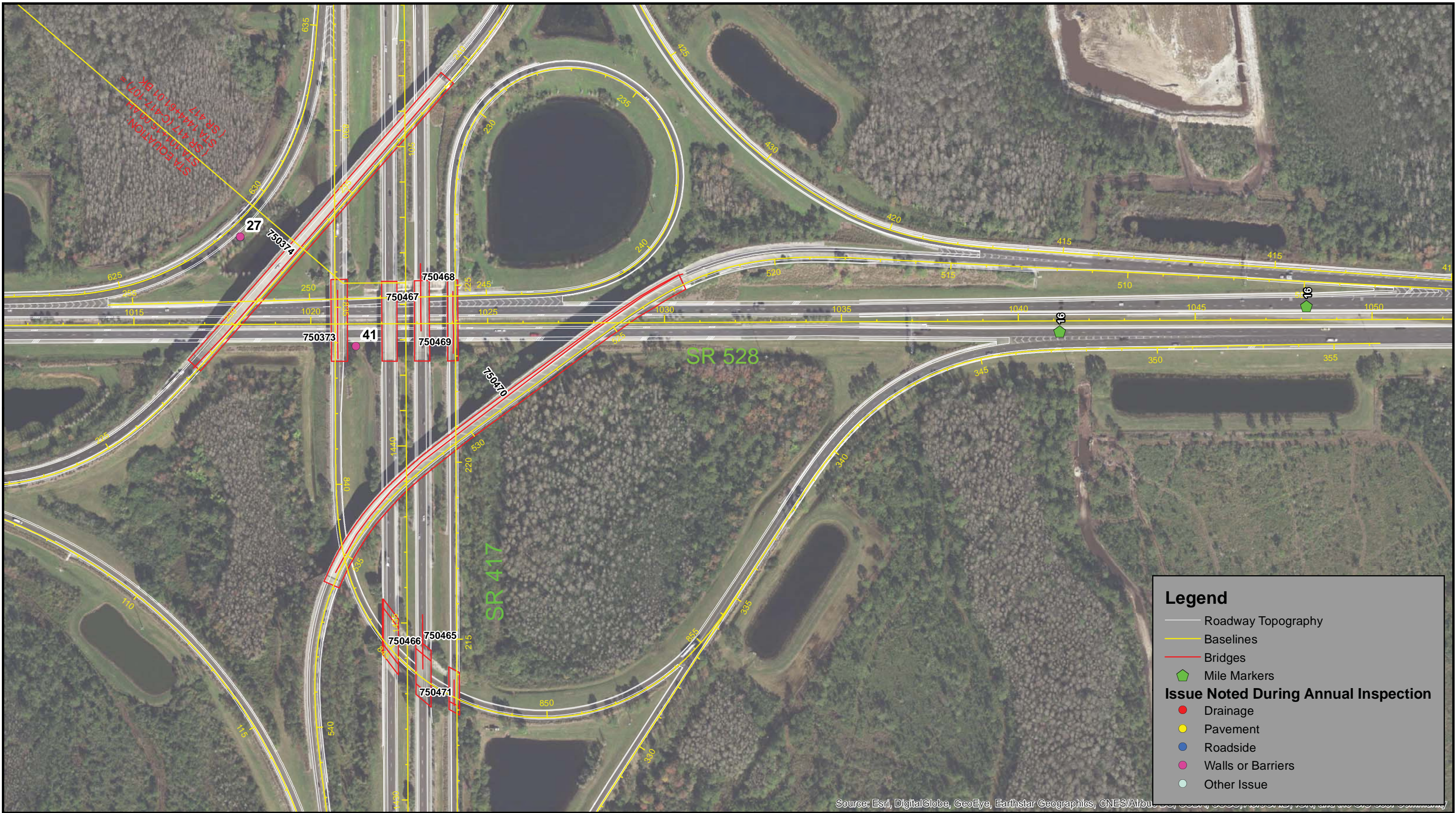




CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 11





CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 12



CFX Annual Inspection FY 2018

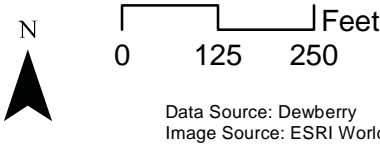
Inspection Results Map
SR 528- Sheet 13





CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 14





CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 15





CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 16

Legend

- Roadway Topography
- Baselines
- Bridges
- Mile Markers

Issue Noted During Annual Inspection

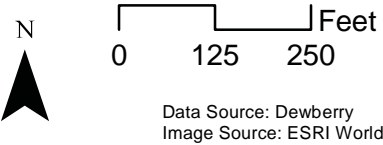
- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue

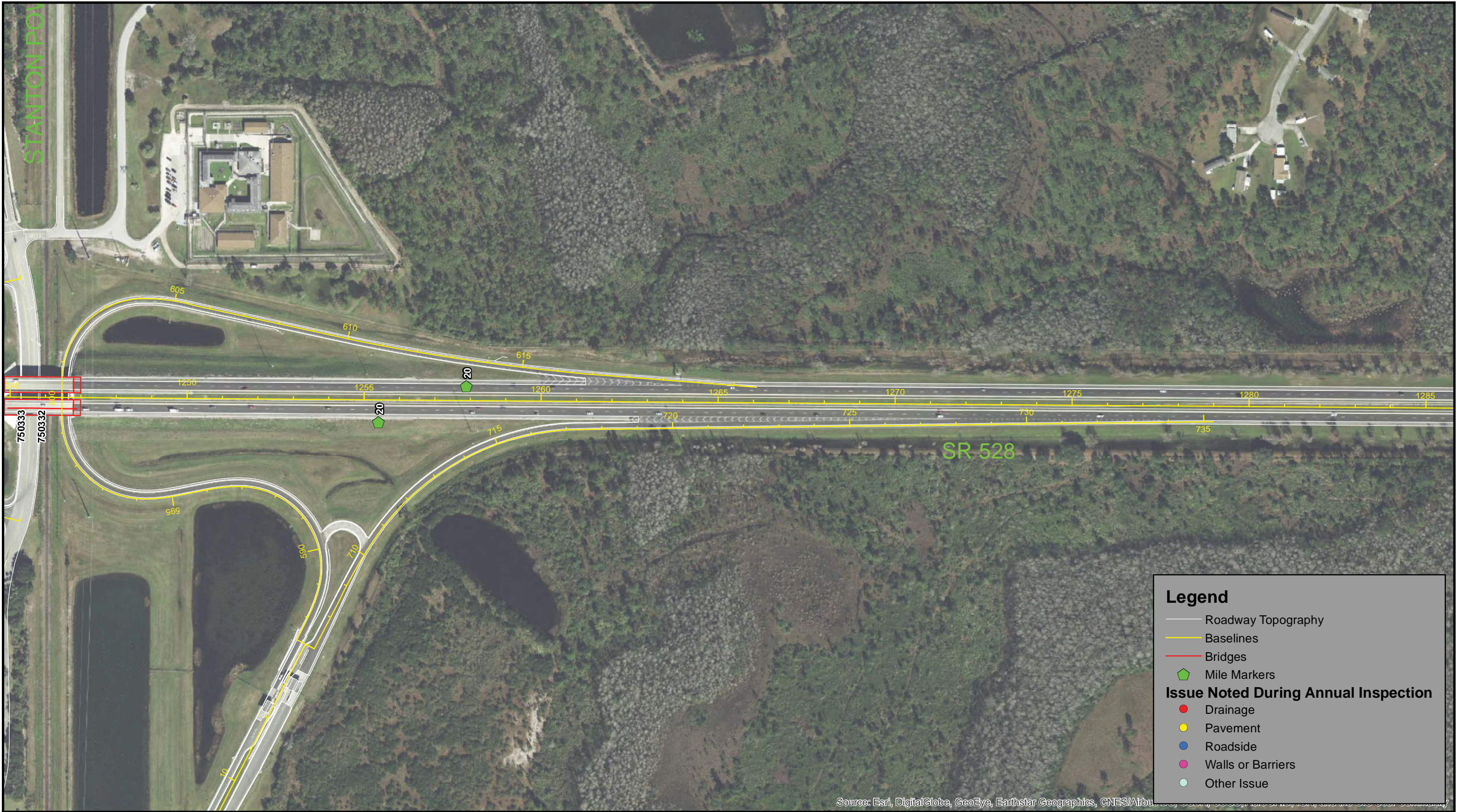


CFX Annual Inspection FY 2018

Inspection Results Map

SR 528- Sheet 17





CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 18



CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 19



CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 20



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbu

Legend

- Roadway Topography
- Baselines
- Bridges
- ⬠ Mile Markers

Issue Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue

**CENTRAL
FLORIDA
EXPRESSWAY
AUTHORITY**

CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 21

N
0 125 250 Feet
Data Source: Dewberry
Image Source: ESRI World



Legend

- Roadway Topography
- Baselines
- Bridges
- Mile Markers

Issue Noted During Annual Inspection

- Drainage
- Pavement
- Roadside
- Walls or Barriers
- Other Issue

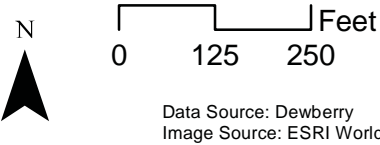
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



CFX Annual Inspection FY 2018

Inspection Results Map

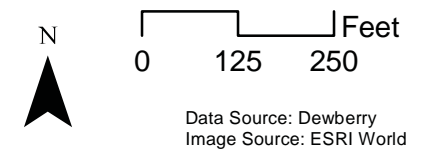
SR 528- Sheet 22





CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 23



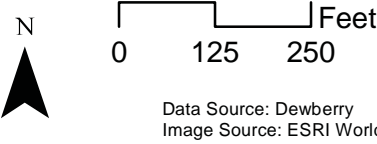


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

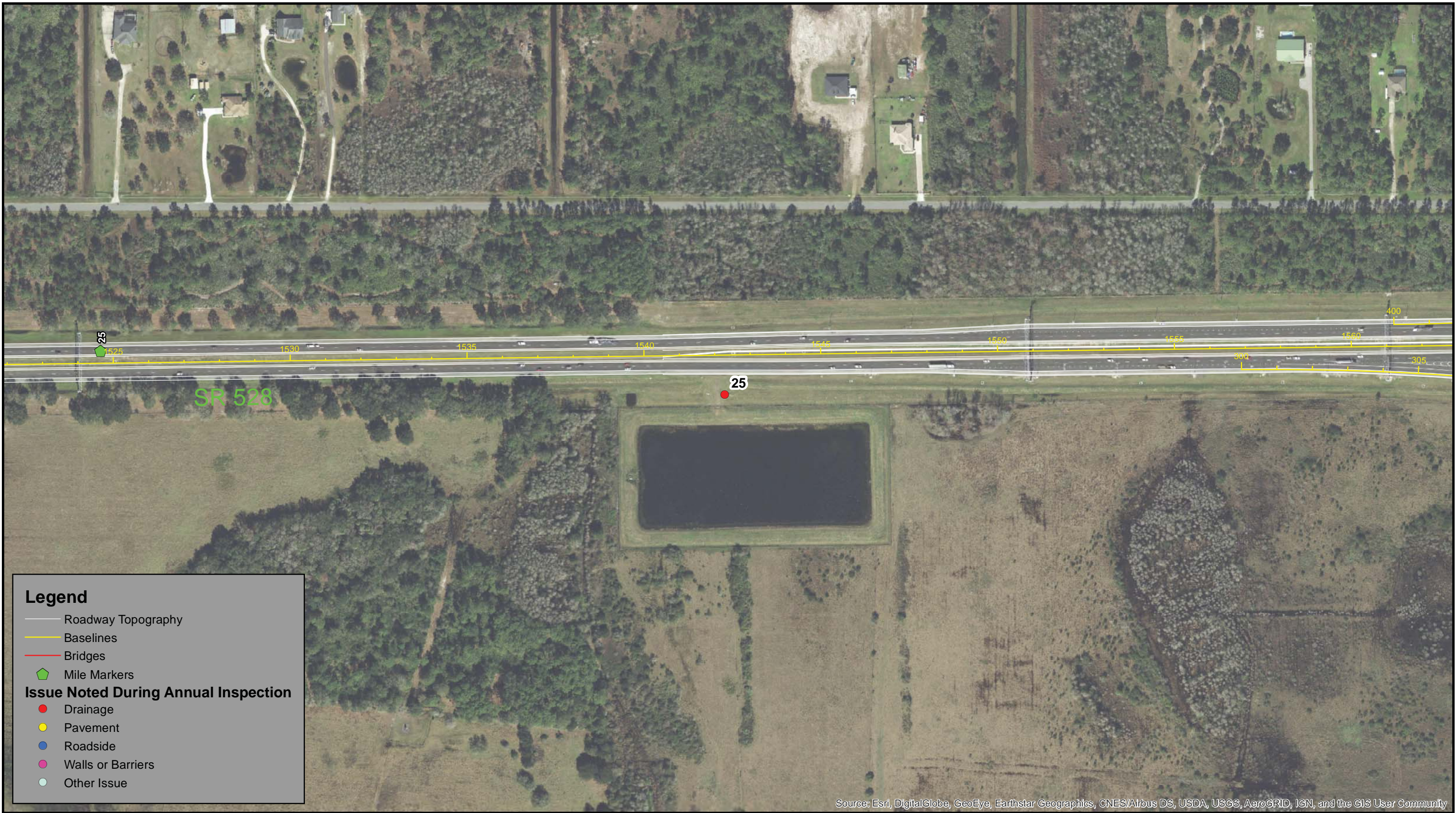


CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 24



Data Source: Dewberry
Image Source: ESRI World

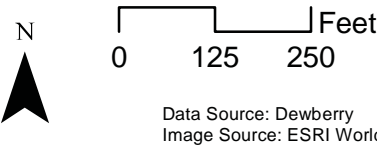


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 25

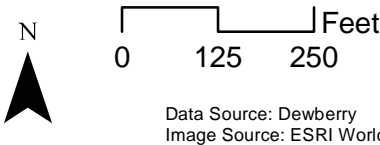


Data Source: Dewberry
Image Source: ESRI World



CFX Annual Inspection FY 2018

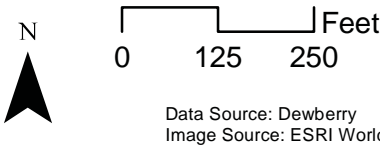
Inspection Results Map
SR 528- Sheet 26





CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 27





CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 28





CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 29





CFX Annual Inspection FY 2018

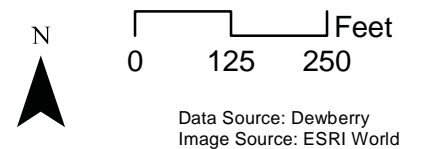
Inspection Results Map
SR 528- Sheet 30

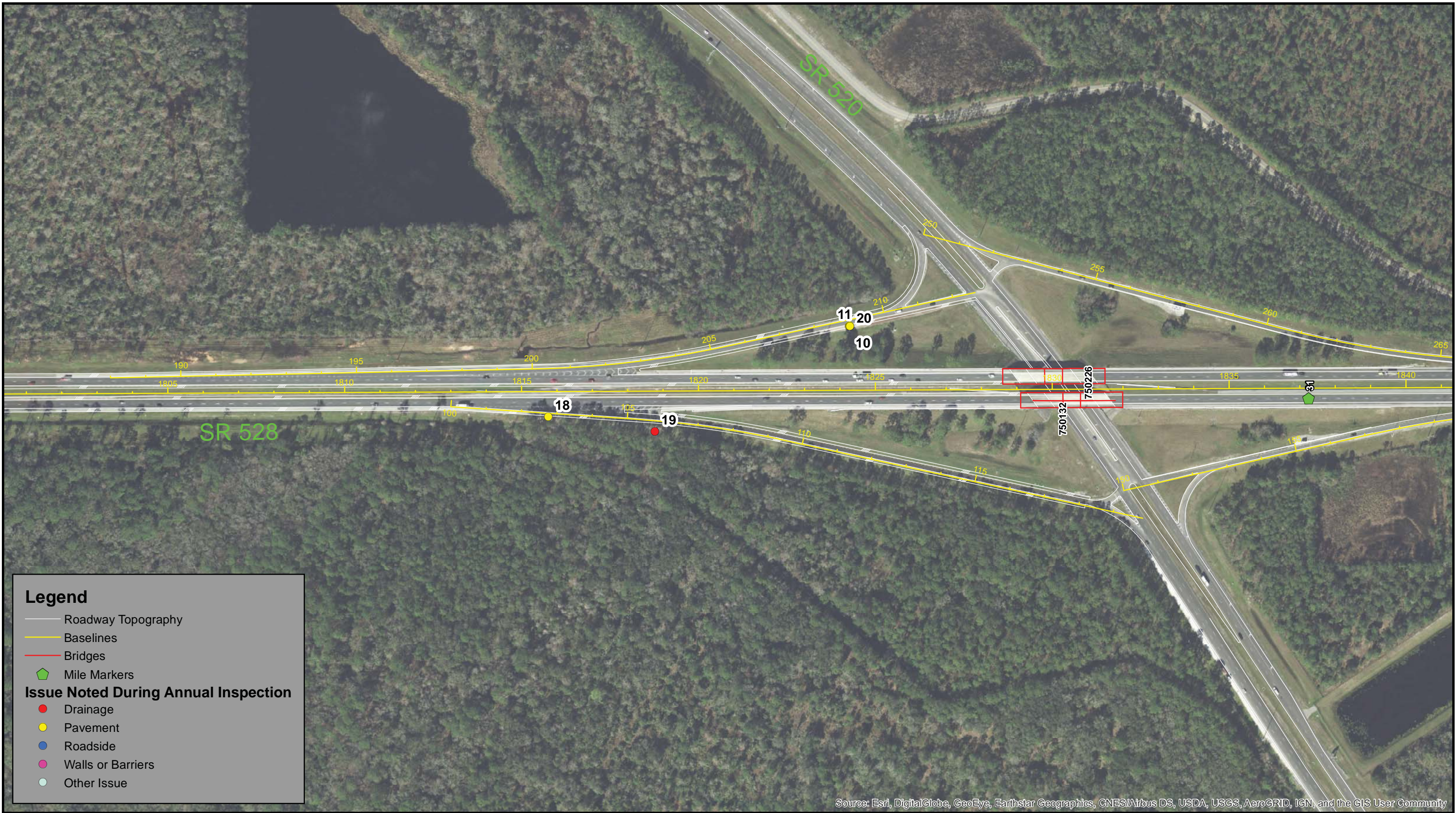




CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 31





Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

Roadway Topography

Baselines

Bridges

Mile Markers

Issue Noted During Annual Inspection

Drainage

Pavement

Roadside

Walls or Barriers

Other Issue



CFX Annual Inspection FY 2018

Inspection Results Map
SR 528- Sheet 32

N

0

125

250

Feet

Data Source: Dewberry

Image Source: ESRI World



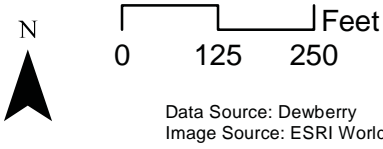
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



CFX Annual Inspection FY 2018

Inspection Results Map

SR 528- Sheet 33



SR 528 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4
SR 528	1	DH, ZF	8/4/2017	Walls or Barriers 1	9-10	Walls or Barriers	Other		2	Erosion around base of bridge	IMG_0002136.jpg	IMG_0003137.jpg		
SR 528	2	DH, ZF	8/4/2017	Roadside 2	9-10	Roadside	Erosion		3	Bank erosion along ditch	IMG_0002138.jpg			
SR 528	3	DH, ZF	8/4/2017	Roadside 3	9-10	Roadside	Erosion		3	Bank erosion around structure	IMG_0002139.jpg			
SR 528	4	DH, ZF	8/4/2017	Pavement 4	9-10	Pavement	Striping or Pavement Marking	Travel Lanes	2	Striping faded	IMG_0002140.jpg			
SR 528	5	DH, ZF	8/4/2017	Pavement 5	9-10	Pavement	Striping or Pavement Marking	Paved Shoulder	3	Striping faded	IMG_0002141.jpg			
SR 528	6	DH, ZF	8/4/2017	Pavement 6	9-10	Pavement	Other	Travel Lanes	3	Pavement rutting	IMG_0002142.jpg	IMG_0003143.jpg		
SR 528	7	DH, ZF	8/4/2017	Walls or Barriers 7	8-9	Walls or Barriers	Other		2	Erosion around base of bridge	IMG_0002144.jpg			
SR 528	8	DH, ZF	8/4/2017	Walls or Barriers 8	8-9	Walls or Barriers	Other		2	Erosion around base of bridge	IMG_0002145.jpg			
SR 528	9	DH, ZF	8/4/2017	Walls or Barriers 9	8-9	Walls or Barriers	Other		3	Gap in bridge panels	IMG_0002146.jpg			
SR 528	10	BJB , RT	8/1/2017	Pavement 10	30-31	Pavement	Striping or Pavement Marking	Travel Lanes	3		IMG_000192.jpg			
SR 528	11	BJB , RT	8/1/2017	Pavement 11	30-31	Pavement	Other	Paved Shoulder	2		IMG_000193.jpg			
SR 528	12	BJB , RT	8/1/2017	Drainage 12	28-29	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_000194.jpg			
SR 528	13	BJB , RT	8/1/2017	Roadside 13	28-29	Roadside	Erosion		3	(Erosion from this point to farm access road)	IMG_000195.jpg			
SR 528	14	BJB , RT	8/1/2017	Drainage 14	28-29	Drainage	Drainage Structure		3	Structure filled with sand/sediment	IMG_000196.jpg			
SR 528	15	BJB , RT	8/1/2017	Roadside 15	28-29	Roadside	Erosion		2		IMG_000197.jpg			
SR 528	16	BJB , RT	8/1/2017	Drainage 16	28-29	Drainage	Drainage Structure		3	Structure needs a grate because it's in the clear zone	IMG_000198.jpg			
SR 528	17	BJB , RT	8/1/2017	Drainage 17	29-30	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_000199.jpg			
SR 528	18	BJB , RT	8/1/2017	Pavement 18	30-31	Pavement	Edge Ravel	Paved Shoulder	3		N/A			
SR 528	19	BJB , RT	8/1/2017	Drainage 19	30-31	Drainage	Drainage Structure		3	Structure needs vegetation maintenance	IMG_0001100.jpg			
SR 528	20	BJB , RT	8/1/2017	Pavement 20	30-31	Pavement	Other	Paved Shoulder	2		IMG_000191.jpg			
SR 528	21	ECP, ZF	8/2/2017	Other Issue 21	22-23	Other Issue			3	Manhole ajar	IMG_0001101.jpg			
SR 528	22	ECP, ZF	8/2/2017	Roadside 22	21-22	Roadside	Fence		3	Fence post damaged	IMG_0001102.jpg			
SR 528	23	ECP, ZF	8/2/2017	Walls or Barriers 23	21-22	Walls or Barriers	Guardrail		3	(Located in median)	IMG_0002103.jpg			
SR 528	24	ECP, ZF	8/2/2017	Walls or Barriers 24	20-21	Walls or Barriers	Guardrail		3	(Located in median)	IMG_0002104.jpg			
SR 528	25	ECP, ZF	8/2/2017	Drainage 25	25-26	Drainage	Drainage Structure		2	Structure damaged	IMG_0002105.jpg	IMG_0003106.jpg		
SR 528	26	NK, RT	8/3/2017	Pavement 26	18-19	Pavement	Striping or Pavement Marking	Travel Lanes	3		IMG_0002107.jpg			
SR 528	27	NK, RT	8/3/2017	Walls or Barriers 27	15-16	Walls or Barriers	Guardrail		1	Guardrail damaged	IMG_0002108.jpg	IMG_0003109.jpg	IMG_0004110.jpg	
SR 528	28	NK, RT	8/3/2017	Pavement 28	14-15	Pavement	Striping or Pavement Marking	Travel Lanes	3	Yellow stripe inside lane is missing for a stretch	IMG_0002111.jpg	IMG_0003112.jpg		
SR 528	29	NK, RT	8/3/2017	Drainage 29	14-15	Drainage	Drainage Structure		3	Structure filled to the top with water	IMG_0002113.jpg			
SR 528	30	NK, RT	8/3/2017	Pavement 30	12-13	Pavement	Striping or Pavement Marking	Travel Lanes	3		IMG_0002114.jpg	IMG_0003115.jpg		
SR 528	31	NK, RT	8/3/2017	Roadside 31	12-13	Roadside	Other		3	Water pooling on shoulder	IMG_0002116.jpg	IMG_0003117.jpg		
SR 528	32	NK, RT	8/3/2017	Drainage 32	10-11	Drainage	Drainage Structure		2	Bank erosion around structure	IMG_0002118.jpg	IMG_0003119.jpg		
SR 528	33	NK, RT	8/3/2017	Drainage 33	10-11	Drainage	Drainage Structure		2	Structure filled to the top with water	IMG_0002120.jpg			
SR 528	34	NK, RT	8/3/2017	Drainage 34	10-11	Drainage	Drainage Structure		2	Bank erosion around structure	IMG_0002121.jpg	IMG_0003122.jpg		
SR 528	35	NK, RT	8/3/2017	Drainage 35	10-11	Drainage	Drainage Structure		2	Bank erosion around structure	IMG_0002123.jpg			
SR 528	36	NK, RT	8/3/2017	Drainage 36	10-11	Drainage	Drainage Structure		2	Bank erosion around structure	IMG_0002124.jpg			
SR 528	37	NK, RT	8/3/2017	Drainage 37	10-11	Drainage	Drainage Structure		3	Bank erosion around structure	IMG_0002125.jpg			
SR 528	38	NK, RT	8/3/2017	Roadside 38	10-11	Roadside	Other		3	Electrical box cover damaged	IMG_0002126.jpg			
SR 528	39	NK, RT	8/3/2017	Pavement 39	11-12	Pavement	Striping or Pavement Marking	Travel Lanes	3	Yellow stripe inside lane is missing for a stretch (approx 50 ft)	IMG_0002127.jpg			
SR 528	40	NK, RT	8/3/2017	Other Issue 40	13-14	Other Issue			1	Power/fiber pole down	IMG_0002128.jpg	IMG_0003129.jpg	IMG_0004130.jpg	IMG_0005131.jpg
SR 528	41	NK, RT	8/3/2017	Walls or Barriers 41	15-16	Walls or Barriers	Retaining Wall		3		IMG_0002132.jpg			

SR 528 CFX Annual Inspection FY 2018

Roadway	Point ID	Inspectors	GPS Date	KMZ Name	Mile Markers	Observation Type	Observation	Specific Location	Rating	Comment	Photo 1	Photo 2	Photo 3	Photo 4
SR 528	42	NK, RT	8/3/2017	Drainage 42	10-11	Drainage	Flume/ Concrete Apron		2		IMG_0002133.jpg	IMG_0003134.jpg	IMG_0004135.jpg	

Rating Key	
1	Requires Immediate Attention
2	Poor Condition but Operable
3	Routine Maintenance Needed

2017 Annual Facilities Inspection Report



Beachline Main Plaza

August 10, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

**Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807**

Inspection Date: 09/09/17 & 09/19/17

Arrived: 7:30 AM

Weather: 91 °, raining

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the Beachline Young Parkway Mainline Plaza.

35 – Beachline Main Plaza

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring, above ceiling leaks, landscaping and HVAC systems. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- Main Plaza maintenance room is missing HVAC vent cover. (Figure 1)
- Main Plaza computer room wiring and power strips under equipment racks need attention. (Figure 2)
- Employee break room outlet is without power. (Figure 3)

Tunnel Observations:

- Ceiling conduit in tunnel with heavy water flow during rainy weather. (Figure 4)

Exterior Observations:

- Exterior building is in good condition overall.
- Exterior outlets outside toll booth has no power. (Figure 5)
- Wiring inside manned toll booth has wiring hanging from ceiling. (Figure 6)

Recommendations:

- Recommend maintenance to locate above ceiling leaks.
- Recommend HVAC contractor to ensure all vents have vent covers.
- Recommend electrical contractor determine computer room wiring can be addressed.
- Recommend electrical contractor check the toll booth outlets and fix wiring in toll booth ceiling.

30 – McCoy Ramp – Off Observations:

The above referenced off ramp is in good condition overall. (Figure 7 & Figure 8)

31 – Jetport Ramp – On Observations:

The above referenced on ramp is in good condition overall. (Figure 9 & Figure 10)

32 – Conway Ramp – Off Observations:

The above referenced off ramp is in good condition overall. (Figure 11 & Figure 12)

33 – Tradeport Ramp – On Observations:

The above referenced on ramp is in good condition overall. Maintenance is recommended on ceiling tiles and potential leaks need to be addressed. (Figure 13 & Figure 14)

36-37 – ICP Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some landscaping to fill in holes left from recent demo is recommended. It is recommended to completely close off doorway to outside elements and maintenance is recommended on ceiling tiles to locate potential leaks. (Figure 15, Figure 16, Figure 17, Figure 18, Figure 19 & Figure 20)

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews



Figure 1 Beachline Mainline

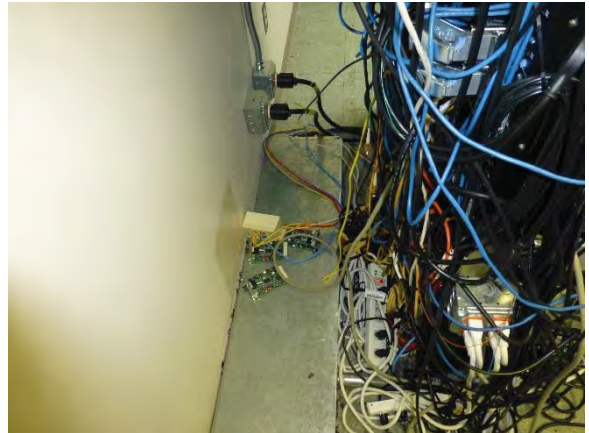


Figure 2 Beachline Mainline



Figure 3 Beachline Mainline

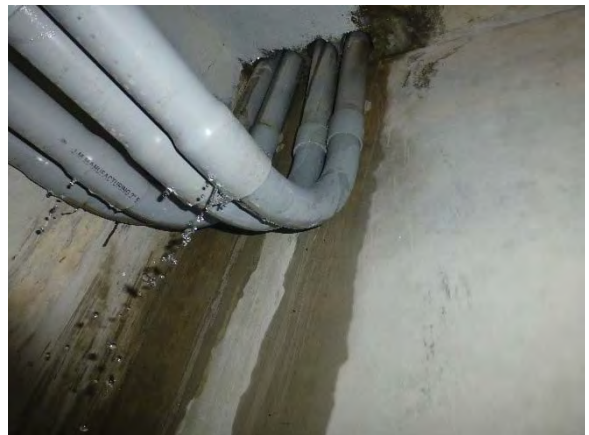


Figure 4 Beachline Mainline



Figure 5 Beachline Mainline



Figure 6 Beachline Mainline



Figure 7 McCoy Ramp Off



Figure 8 McCoy Ramp Off



Figure 9 Jetport Ramp On



Figure 10 Jetport Ramp On



Figure 11 Conway Ramp Off



Figure 12 Conway Ramp Off



Figure 13 Tradeport Ramp On



Figure 14 Tradeport Ramp On



Figure 15 ICP Ramp On



Figure 16 ICP Ramp On



Figure 17 ICP Ramp On



Figure 18 ICP Ramp On



Figure 19 ICP Ramp On



Figure 20 ICP Ramp On



2017 Annual Facilities Inspection Report



Dallas Main Plaza

September 28, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

**Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807**

Inspection Date: 09/29/17
Arrived: 7:30 AM
Weather: 91 °, partly cloudy

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the Dallas Mainline Plaza.

38 – Dallas Main Plaza

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring, pest control and ground erosion. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- Main Plaza electrical room has wasp nests on the electrical panels (Figure 1)

Overpass Observations:

- Electrical Outlet on overpass has no power. (Figure 2 & Figure 3)

Exterior Observations:

- Exterior Building has an abundance of Wasps nests on the building. (Figure 4)
- Exterior Building has ground erosion behind (Figure 5, Figure 6, Figure 7 & Figure 8)

Recommendations:

- Recommend pest control for this location.
- Recommend pressure wash for the building exterior and overpass.
- Recommend electrical contractor check the wiring across the overpass.
- Recommend further investigation for the ground erosion behind the building exterior.

39 – Dallas Ramp – On Observations:

The above referenced on ramp is in good condition overall. Some maintenance on landscaping and to patch HVAC duct is recommended. (Figure 9, Figure 10, Figure 11 & Figure 12)

40 – Dallas Ramp – Off Observations:

The above referenced on ramp is in good condition overall. (Figure 13 & Figure 14)

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews



Figure 1 Dallas Mainline Electrical Room



Figure 2 Dallas Mainline Overpass



Figure 3 Dallas Mainline Overpass

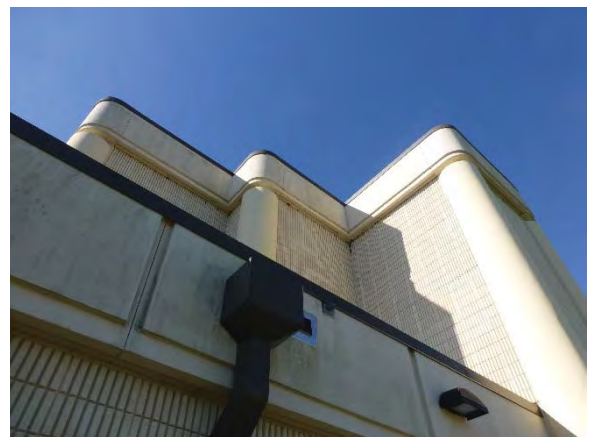


Figure 4 Dallas Mainline



Figure 5 Dallas Mainline



Figure 6 Dallas Mainline



Figure 7 Dallas Mainline



Figure 8 Dallas Mainline



Figure 9 Dallas Ramp On



Figure 10 Dallas Ramp On



Figure 11 Dallas Ramp On



Figure 12 Dallas Ramp On



Figure 13 Dallas Ramp Off



Figure 14 Dallas Ramp Off

Appendix 7: Non-System Facilities







2017 Annual Facilities Inspection Report



Goldenrod Main Plaza

September 19, 2017

SUBMITTED BY:

Dewberry Engineers Inc.

800 N. Magnolia Avenue, Suite 1000
Orlando, Florida 32803
407.843.5120

SUBMITTED TO:

Central Florida Expressway Authority

Corporate Office
4974 ORL Tower Road
Orlando, Florida 32807
407.690.5000

Attn: Robert Glasemann
Facilities Supervisor
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807

Inspection Date: 09/19/17
Arrived: 7:30 AM
Weather: 91°, partly cloudy

Dewberry Engineers Inc. (Dewberry) was called to perform the annual building inspection of the Goldenrod Mainline Plaza.

34 – Goldenrod Main Plaza

Summary of Noted Observations:

The above referenced site is in good condition overall with no identified deficiencies. Maintenance is recommended on some isolated wiring, general maintenance and landscaping. Please refer to inspection photos for visual observations. The following items were observed:

Interior Observations:

- Main Plaza computer room has electrical outlet missing cover (Figure 1)

Exterior Observations:

- Depression in roadway identified next to slow pavement and miscellaneous asphalt. (Figure 2 & Figure 3)
- General landscape items identified as a result of the hurricane. (Figure 4, Figure 5 & Figure 6)

Recommendations:

- Recommend general landscaping (Result of the hurricane and identified at time of inspection).
- Recommend repair of depression in road (Recommended at time of the inspection).
- Recommend electrical contractor provide general repair and replace missing outlet cover.

All notes and items in this report are a record of observations provided by the site visit. Please notify Dewberry Engineers Inc. in writing of any discrepancies, errors or misinterpretations. Please find attached to this report, photos and items observed.

Prepared By: _____
Julie A Andrews



Figure 1 Goldenrod Main Plaza Computer Room



Figure 2 Goldenrod Main Plaza



Figure 3 Goldenrod Main Plaza



Figure 4 Goldenrod Main Plaza



Figure 5 Goldenrod Main Plaza



Figure 6 Goldenrod Main Plaza