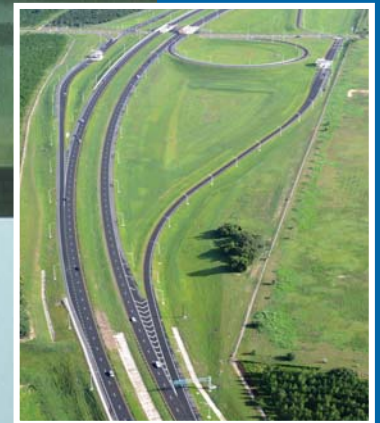


2015

Annual Inspection Report



**CENTRAL
FLORIDA
EXPRESSWAY
AUTHORITY**

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Roadway and Building Inspection Worksheets are included on the compact disk (CD) attached to the back cover of this report. Instructions for viewing the disk are also included as the last page in this report.

2015 Annual Inspection Report



Executive Summary

CENTRAL
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Executive Summary

The 2015 inspection of the Central Florida Expressway Authority's (CFX) System, performed by Atkins, CFX's General Engineering Consultant, included a visual inspection of the roadways, buildings 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) from International Drive to the Seminole County line, SR 429 (Daniel Webster Western Beltway) from Seidel Road to US 441, SR 451 from SR 414 to US 441, and SR 528 (Beachline Expressway) from McCoy/Boggy Creek Road to SR 520. The system consists of 109 centerline miles of highway with 63 interchanges, 15 mainline toll plazas, 66 ramp toll plazas, and 295 bridges. CFX also operates a non-system, two-mile tolled expressway (Goldenrod Extension) with one mainline plaza. The inspection results for the Goldenrod Extension are included under separate cover.

The findings of the 2015 inspection concluded that CFX's roadway system is in good condition, with an average rating of 7.8 out of 10. This includes Roadway/Pavement, Roadside, Traffic Services, Drainage and Vegetation/Aesthetic features.

The overall appearance of the CFX's toll facilities and buildings along SR 408, SR 414, SR 417, SR 429, SR 451 and SR 528 remains generally good, with an average rating of 7.6 out of 10.

As reported for the Florida Transportation Commission (FTC) performance measures, 99.3% of the bridges on the CFX's System are rated excellent or good.

The findings, summarized in the 2015 Annual Inspection Report, reflect the condition of the feature(s) on the day the inspection was performed. Many of the deficiencies noted have been corrected subsequent to the inspection as part of the Maintenance Program currently administered by CFX.

Rating systems were used to evaluate the condition of the roadways, buildings and bridges on CFX's System. A ten (10) point rating system was used for the roadways and buildings, where 10 is excellent or "like new" condition and 1 is emergency or unacceptable and requires immediate maintenance. Features receiving a rating of 3 or lower are considered deficient and require action from CFX's maintenance contractor. For features receiving a rating of 4, action is recommended before the feature becomes deficient. Features receiving a rating of 5 are considered degraded due to age and should be evaluated for inclusion in a future Renewal and Replacement (R&R) project.

Bridges are rated on a four (4) point scale where 1 is excellent and 4 is poor. Bridge inspections are conducted by Certified Bridge 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. No load limits or weight restrictions have been imposed that would constrain the use of any bridge on CFX's System.

This report will serve as a tool for CFX to identify and prioritize the areas of the system that are in need of maintenance. The deficiencies identified in this year's report can be corrected through maintenance contracts as part of CFX's Maintenance Program.

2015 Annual Inspection Report



Section 1 Introduction

**CENTRAL
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1. Introduction

1.1 Background

Between July and November 2015, Atkins, 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.

CFX's roadway system includes SR 408 (East-West Expressway), SR 414 (John Land Apopka Expressway), SR 417 (Central Florida GreeneWay) from International Drive to the Seminole County line, SR 429 (Daniel Webster Western Beltway) from Seidel Road to US 441, SR 451 from SR 414 to US 441, and SR 528 (Beachline Expressway) from McCoy/Boggy Creek Road to SR 520. The system consists of 109 centerline miles of highway with 63 interchanges, 14 mainline toll plazas, 66 ramp toll plazas, and 295 bridges. CFX also operates a non-system, two-mile tolled expressway (Goldenrod Extension) with one mainline toll plaza. The inspection results for the Goldenrod Extension are included under separate cover.

CFX's System was examined by means of a visual inspection. The 2015 Annual Inspection Report summarizes the findings of these examinations by category:

- Roadways
- Buildings
- Bridges

Each category has been divided into segments corresponding to the roadway being inspected (SR 408, SR 414, SR 417, SR 429, SR 451 and SR 528). Figure 1-1 depicts CFX's System and toll facilities. For purposes of reporting, the roadway inspection references mile post locations. The mile post locations on CFX's System can be found in Figure 1-2.

Rating systems were used to evaluate the condition status of roadways, buildings, and bridges. The procedures for these rating systems are summarized in Section 2.

The inspection results, summarized in Section 3, reflect the condition of the feature(s) on the day the inspection was performed. Many of the deficiencies noted have already been corrected as part of the CFX maintenance program.

At the time the 2015 inspection was performed, the following major construction projects were underway:

- SR 417 / Boggy Creek Road Interchange Improvements
- SR 417 Milling and Resurfacing from SR 50 to Orange / Seminole County Line
- SR 429 / CR 535 South Ramp Improvements
- SR 528 Airport Mainline Toll Plaza Demolition and Ramp Plaza Construction
- SR 408 / I-4 Interchange (Florida Department of Transportation (FDOT) Project)

As a result, some of these portions of the roadway were not inspected. Section 3 of this report identifies the specific roadway sections that were not inspected due to construction activities.

1.2 CFX's Maintenance Program

Highway Maintenance Program

CFX's fiscal year¹ (FY) 2016 Highway Maintenance Fund is budgeted at \$11.5 million for maintenance administration and routine maintenance.

CFX employs two contractors to perform asset maintenance management services for roadways and bridges. One contractor maintains SR 408, SR 417 and SR 528, while the other maintains SR 414, SR 429 and SR 451.

Building Maintenance Program

The toll facilities shown on Figure 1-1, as well as CFX's headquarters building are maintained by a single contractor. CFX's building maintenance budget for FY 2016 is approximately \$1.17 million.

Maintenance Program Overview

As part of the report preparation process, a representative of Atkins met with CFX's Director of Construction and Maintenance to discuss the major achievements of the past fiscal year (FY 2015) and the goals and objectives for the coming fiscal year (FY 2016).

Staff identified the following major achievements during the past fiscal year (FY 2015):

- Continued a landscape maintenance program to keep the aesthetics of the system at the highest levels.
- Continued a modified aquatic maintenance program to make stormwater ponds an aesthetic feature and part of the roadway landscape.
- Continued replacement and upgrades of retro-reflective pavement markers (RPM) that display less than satisfactory reflectivity.
- 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 repairs are necessary 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.

¹ CFX's 2016 fiscal year runs from July 1, 2015 to June 30, 2016.

- Performed detailed inspections of systemwide fencing multiple times per year to help ensure that unauthorized access to CFX right-of-way through damaged or missing fence sections is minimized.
- Identified the 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.
- Identified toll facility roofs in need of replacement based on results of the roof inspections and identified funding sources.
- Attained a Final Annual Maintenance Rating Program (MRP) score from the FDOT of 90 out of 100.

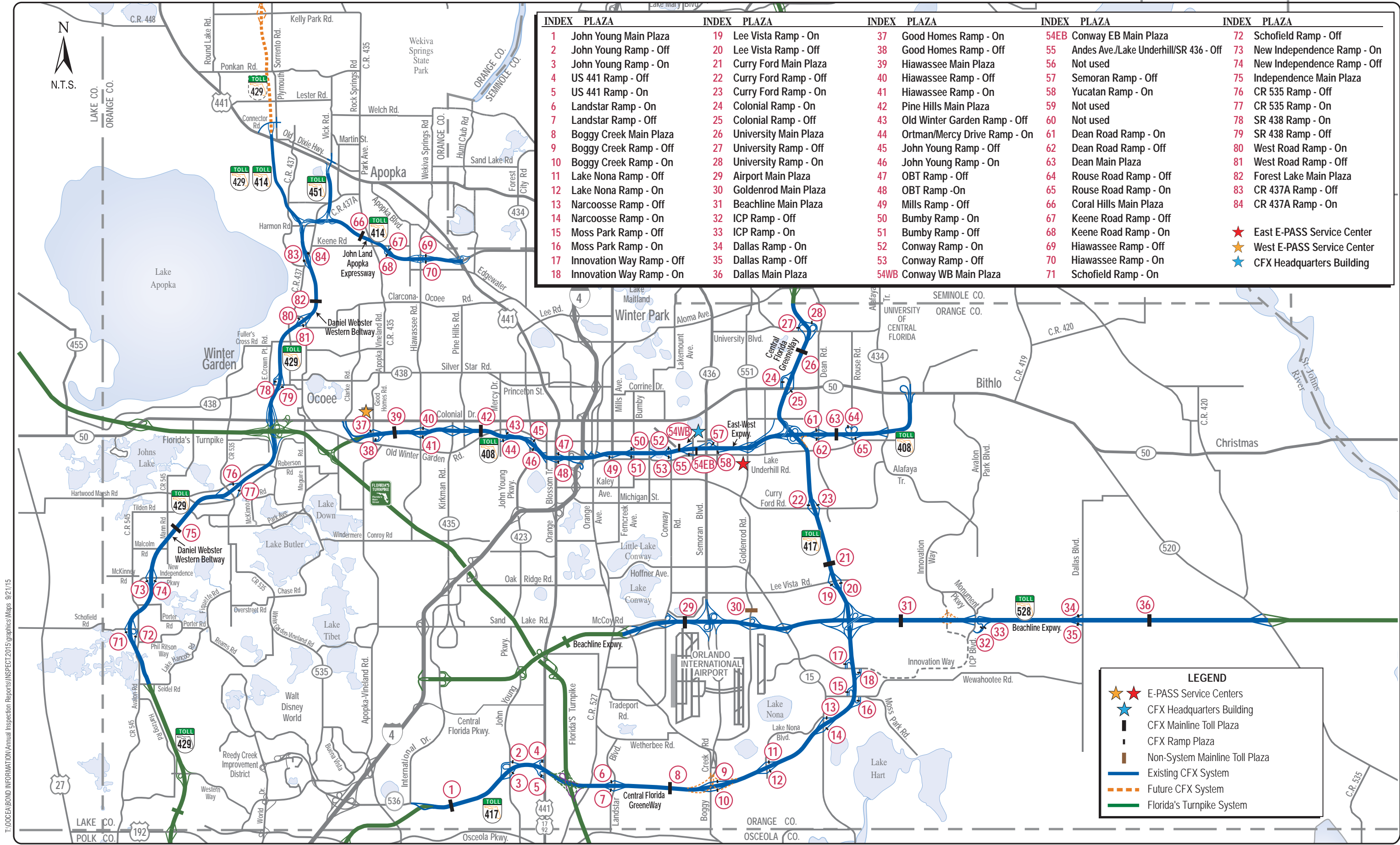
CFX staff has identified the following goals and objectives for the coming fiscal year (FY 2016). These items primarily involve the physical activities associated with construction and maintenance of roadways, bridges and toll plaza facilities:

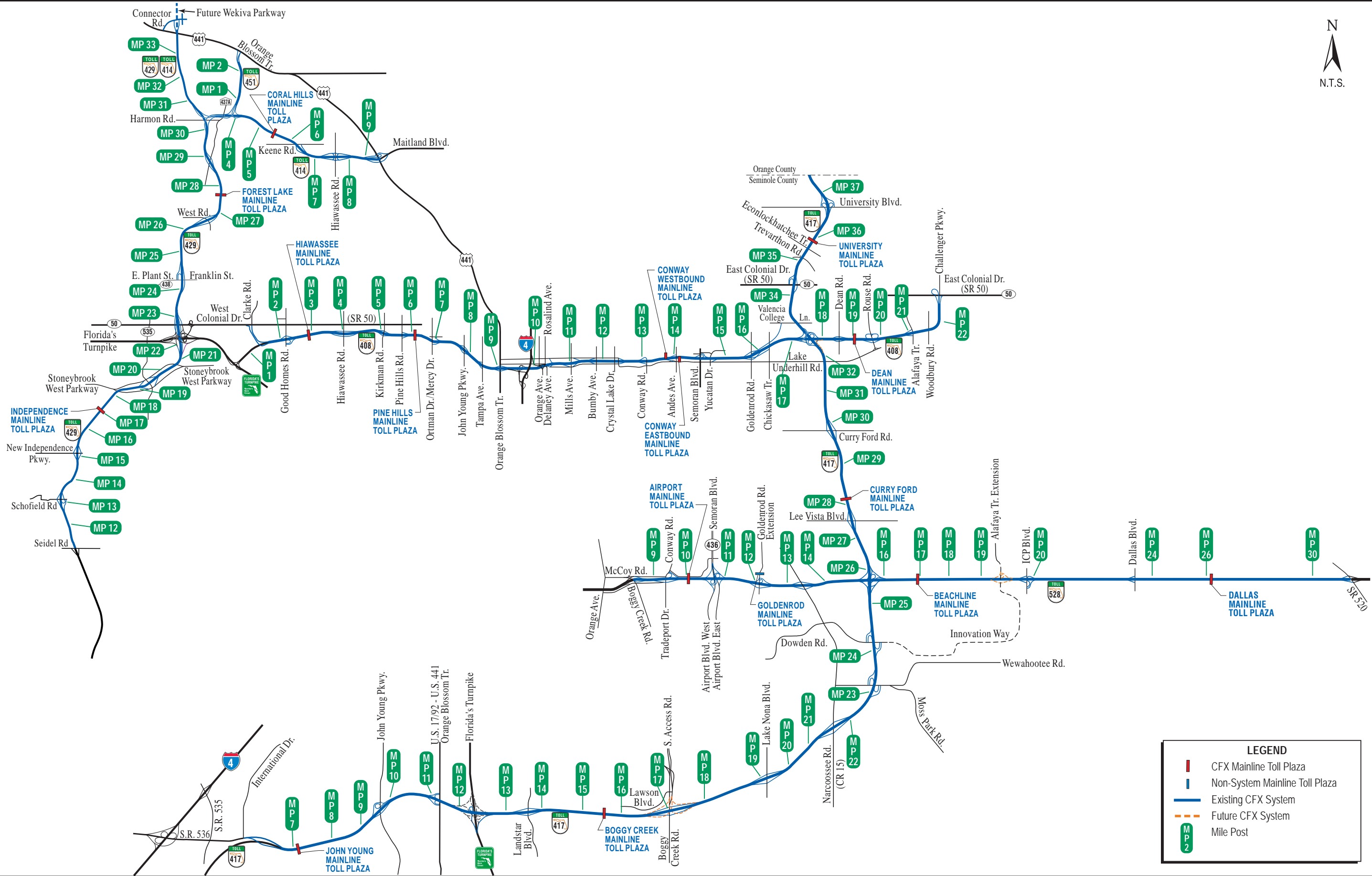
- Maintain a Maintenance Rating Program (MRP) score from the FDOT of at least 90.
- Continue the next phase of replacement and upgrades of retro-reflective pavement markers (RPM).
- Implement the next phase of systemwide signing upgrades and rehabilitation.
- Continue to perform periodic detailed inspections of systemwide fencing.
- Continue to identify those projects that should be funded under the Renewal and Replacement (R&R) budget and those projects that are clearly routine maintenance and should be included in the maintenance budget.
- Analyze the observations from Florida Highway Patrol (FHP), Road Ranger program and fiber optic locators to enhance surveillance and maintenance of CFX's System.
- Maintain pavement striping at a high level of reflectivity and replace unsatisfactory striping where needed.
- Keep the roadway, roadside and aesthetic features maintained at the highest possible levels. For those portions of CFX's System under construction, identify problem areas (e.g. shoulder and barrier wall inlets blocked with debris; pot holes; washouts, etc.) and advise the appropriate construction contractors through CFX's representative.
- Continue to monitor Systemwide toll facility generators and air conditioners and determine needed repairs.

- Continue to monitor systemwide roof performance to determine needed repairs.
- Continue to use the Annual Inspection findings as a tool to aid in determining maintenance needs versus future renewal and replacement projects.
- Continue to address deficiencies identified in the FDOT bridge inspections reports in a timely manner. FDOT gives a priority of 1 through 4 to the identified deficiencies. Priority 1 requires the work be done in 60 days, priorities 2 and 3 in 180 days, and priority 4 in 2 years.
- Continue to monitor FDOT bridge performance ratings and take action as necessary. FDOT assigns performance rating factors of 1 through 4, where 1 is excellent, 2 is good, 3 is fair, and 4 is poor.

In addition to goals and objectives for the physical activities associated with construction and maintenance of roadways, bridges and toll plaza facilities, staff has identified goals and objectives related to program, process and procedural initiatives for the coming year. The ultimate purpose of these initiatives is to provide CFX's customers with a smooth ride and aesthetically pleasing surroundings creating a unique driving experience that will be immediately identifiable with CFX roadway. These initiatives are:

- Meet with FDOT District 5 and Florida Turnpike Enterprise (FTE) personnel on an as-needed basis to discuss maintenance and other issues of mutual importance to both agencies.
- Evaluate and enhance CFX's program to manage its assets to provide maximum control over the timing and implementation of replacement programs and initiatives.
- Provide a timely response to customer feedback on maintenance issues.





2015 Annual Inspection Report



Section 2 Rating Systems

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2. Rating Systems

2.1 Roadway Rating System

The roadway rating system used for the annual inspection includes an in-depth review of 49 features divided into five groups: Roadway/Pavement, Roadside, Traffic Services, Drainage and Vegetation/Aesthetics. Table 2-1 shows the rating system used for the roadways and buildings.

Table 2-1: Rating System for Roadways and Buildings

Rating	Description	Comment	Feature appearance and functionality / operability	Action required / recommended
0	Under Construction	Location not inspected.	-	-
1	Emergency	Immediate maintenance is required to protect public or system.	Unacceptable	10 days or less (Required)
2	Unsatisfactory	Maintenance is required to protect the public	Poor	30 days or less (Required)
3	Requires Attention	Maintenance is required to protect the system	Poor	90 days or less (Required)
4	Degraded (due to maintenance)	Improve maintenance to protect feature.	Below Average	180 days or less (Recommended)
5	Degraded (due to age)	Evaluate for future R&R project.	Average	-
6-7	Fair	Continue to monitor feature.	Satisfactory / Fair	-
8-9	Good	No deficiencies noted. No maintenance necessary.	Satisfactory / Good Condition	-
10	Excellent	No deficiencies noted.	“Like New” condition	-
NI	Not Inspected	Inaccessible location	-	-
N/A	Not Applicable	Feature does not apply at this location	-	-

Anything rated below a 3 will trigger a response from CFX’s maintenance contractor and require action to improve the feature. Features receiving a rating of 4 are considered degraded due to maintenance and action is recommended before they become deficient. Features receiving a rating of 5 are considered degraded due to age and should be evaluated for inclusion in a future Renewal and Replacement project. For reporting purposes, the deficiencies noted in Section 3 of this report are those features rated 3 or below.

The groups and features inspected include:

1. **Roadway/Pavement** – Includes all features/deficiencies found in the pavement area. It includes the visual review of pavement condition with particular attention directed towards the presence of potholes, edge ravel, and similar deficiencies.
 - a. Bridge
 - b. Cracking
 - c. Depression
 - d. Edge Ravel
 - e. Joint
 - f. Paved Shoulder
 - g. Pavement Void
 - h. Pothole
 - i. Rutting
 - j. Shoving
 - k. Stripping
2. **Roadside** – Includes the evaluation of features found along the roadside not associated with drainage or vegetation/aesthetics.
 - a. Back Slope
 - b. Fence
 - c. Front Slope
 - d. Rip Rap
 - e. Sidewalk
 - f. Slope Protection
 - g. Soil Shoulder
 - h. Turnout
3. **Traffic Services** – Includes the evaluation of features that guide, protect and assist the drivers. Highway and sign lighting were inspected at night. Sign reflectivity was not rated as part of the visual inspection. Sign reflectivity is being assessed and will be reported separately.
 - a. Attenuator
 - b. Barrier Wall
 - c. Guardrail
 - d. Highway Lighting
 - e. Information Sign
 - f. Object Marker
 - g. Pavement Marker
 - h. Pavement Symbol
 - i. Regulatory Sign
 - j. Sign Light
 - k. Striping
 - l. Warning Sign
4. **Drainage** – Includes the evaluation of drainage structures and associated appurtenances.
 - a. Cross Drain
 - b. Curb Inlet
 - c. Median Ditch
 - d. Miscellaneous Drain
 - e. Miscellaneous Inlet
 - f. Other Inlet
 - g. Outfall Ditch
 - h. Pond / Lake / Canal
 - i. Roadside Ditch
 - j. Side Drain
 - k. Storm Drain
5. **Vegetation/Aesthetics** – Includes the evaluation of features found along the roadside. These features tend to have a high visual influence on travelers.

- | | | | |
|----|----------------|----|----------------|
| a. | Landscaping | e. | Slope Mowing |
| b. | Litter Removal | f. | Tree Trim |
| c. | Roadway Mowing | g. | Turf Condition |
| d. | Roadway Sweep | | |

A sample of an actual roadway inspection worksheet is included at the end of this section. All reports are included on the Roadway Inspection Worksheets on the CD attached at the end of this report.

2.2 Building Rating System

The building inspection included all mainline and ramp toll plaza buildings along CFX's System, as well as the CFX headquarters building on ORL Tower Road. Building components such as grounds, building exterior and interior, lights, restrooms, signs and equipment were divided into a number of subcomponents and rated as shown in Table 2-1.

Anything rated below a 3 will trigger a response from CFX's maintenance contractor and require action to improve the feature. Features receiving a rating of 4 are considered degraded due to maintenance and action is recommended before they become deficient. Features receiving a rating of 5 should be evaluated for inclusion in a future Renewal and Replacement project. For reporting purposes, the deficiencies noted in Section 3 of this report are those features rated 3 or below.

A sample of an actual building inspection worksheet is included at the end of this section. All reports are included on the Building Inspection Worksheets on the CD attached to the back of this report.

2.3 Bridge Rating System

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 October 2015.

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 | 3 = Fair |
| 2 = Good | 4 (and above) = Poor |

The bridge inspection summary is included at the end of this section. Detailed bridge inspection reports are available for review upon written request to CFX.

Roadway Inspection Sample



2015 - Central Florida Expressway Authority

Report of all Roadway features

Prepared by:
ATKINS

John Land Apopka Expressway - Westbound

Milepost location	Rating	Item	Comments
M.P. 009.511 to M.P. 009			
.144-.000	5	Roadway Sweep	Considerable debris / dirt on paved shoulder.
.118	5	Tree Trim	Tree limbs overhanging fence
.324-.322	6	Edge Ravel	Edge ravel occurring.
.511-.000	8	Guardrail	No deficiencies noted
.511-.000	8	Slope Protection	No deficiencies noted
.511-.000	8	Front Slope	No deficiencies noted
.511-.000	8	Fence	No deficiencies noted
.511-.000	8	Storm Drain	No deficiencies noted
.511-.000	8	Roadside Ditch	No deficiencies noted
.511-.000	8	Pond Lake Canal	No deficiencies noted
.511-.000	8	Soil Shoulder	No deficiencies noted
.511-.000	8	Cross Drain	No deficiencies noted
.511-.000	8	Highway Light	No deficiencies noted
.511-.000	8	Slope Mowing	No deficiencies noted
.511-.000	8	Roadway Mowing	No deficiencies noted
.511-.000	8	Litter Removal	No deficiencies noted
.511-.000	8	Landscape	No deficiencies noted
.511-.000	8	Information Sign > 30	No deficiencies noted.
.511-.000	8	Outfall Ditch	No deficiencies noted
.511-.000	8	Stripping	No deficiencies noted
.511-.000	8	Striping	No deficiencies noted
.511-.000	8	Sign light	No deficiencies noted
.511-.000	8	Regulatory Sign	No deficiencies noted
.511-.000	8	Pavement Symbol	No deficiencies noted
.511-.000	8	Pavement Marker	No deficiencies noted
.511-.000	8	Turf Condition	No deficiencies noted



2015 - Central Florida Expressway Authority

Report of all Roadway features

Prepared by:

ATKINS

John Land Apopka Expressway - Westbound

Milepost location	Rating	Item	Comments
M.P. 009.511 to M.P. 009			
.511-.000	8	Information sign < 30	No deficiencies noted.
.511-.000	8	Warning Sign	No deficiencies noted
.511-.000	8	Barrier Wall	No deficiencies noted
.511-.000	8	Object Marker	No deficiencies noted
.511-.000	8	Shoving	No deficiencies noted
.511-.000	8	Rutting	No deficiencies noted
.511-.000	8	Pothole	No deficiencies noted
.511-.000	8	Pavement Void	No deficiencies noted
.511-.000	8	Paved Shoulder	No deficiencies noted
.511-.000	8	Joint	No deficiencies noted
.511-.000	8	Depression	No deficiencies noted
.511-.000	8	Cracking	No deficiencies noted
M.P. 009 to M.P. 008			
.999-.000	5	Pavement Void	No deficiencies noted
.952-.832	5	Storm Drain	Vegetation growing through shoulder gutter joints
.716-.598	5	Other Inlet	Several bridge scuppers are partially blocked with dirt and debris. Vegetation present.
.574-.000	5	Roadway Sweep	Trash and debris on bridge deck and paved shoulder.
.243-.086	5	Roadway Mowing	Vegetation in excess of 24"
.999-.000	8	Pavement Symbol	No deficiencies noted
.999-.000	8	Pond Lake Canal	No deficiencies noted
.999-.000	8	Pothole	No deficiencies noted
.999-.000	8	Rutting	No deficiencies noted
.999-.000	8	Shoving	No deficiencies noted
.999-.000	8	Stripping	No deficiencies noted
.999-.000	8	Attenuator	No deficiencies noted
.999-.000	8	Barrier Wall	No deficiencies noted



2015 - Central Florida Expressway Authority

Report of all Roadway features

Prepared by:

ATKINS

John Land Apopka Expressway - Westbound

Milepost location	Rating	Item	Comments
M.P. 009 to M.P. 008			
.999-.000	8	Pavement Marker	No deficiencies noted
.999-.000	8	Regulatory Sign	No deficiencies noted
.999-.000	8	Sign light	No deficiencies noted
.999-.000	8	Striping	No deficiencies noted
.999-.000	8	Warning Sign	No deficiencies noted
.999-.000	8	Highway light	No deficiencies noted
.999-.000	8	Information sign < 30	No deficiencies noted.
.999-.000	8	Information sign > 30	No deficiencies noted.
.999-.000	8	Paved Shoulder	No deficiencies noted
.999-.000	8	Object Marker	No deficiencies noted
.999-.000	8	Slope Mowing	No deficiencies noted
.999-.000	8	Roadside Ditch	No deficiencies noted
.999-.000	8	Litter Removal	No deficiencies noted
.999-.000	8	Joint	No deficiencies noted
.999-.000	8	Tree Trunk	No deficiencies noted
.999-.000	8	Turf Condition	No deficiencies noted
.999-.000	8	Guardrail	No deficiencies noted
.999-.000	8	Cross Drain	No deficiencies noted
.999-.000	8	Curb Inlet	No deficiencies noted
.999-.000	8	Median Ditch	No deficiencies noted
.999-.000	8	Outfall Ditch	No deficiencies noted
.999-.000	8	Depression	No deficiencies noted
.999-.000	8	Landscape	No deficiencies noted
.999-.000	8	Edge Ravel	No deficiencies noted
.999-.000	8	Cracking	No deficiencies noted
.999-.000	8	Soil Shoulder	No deficiencies noted



2015 - Central Florida Expressway Authority

Report of all Roadway features

Prepared by:

ATKINS

John Land Apopka Expressway - Westbound

Milepost location	Rating	Item	Comments
M.P. 009 to M.P. 008			
.999-.000	8	Slope Protection	No deficiencies noted
.999-.000	8	Front Slope	No deficiencies noted
.999-.000	8	Fence	No deficiencies noted
.999-.000	8	Side Drain	No deficiencies noted
.999-.000	8	Rip Rap	No deficiencies noted
M.P. 008 to M.P. 007			
.563-.533	5	Tree Trim	Tree limbs overhanging guardrail.
.999-.000	8	Joint	No deficiencies noted
.999-.000	8	Object Marker	No deficiencies noted
.999-.000	8	Pavement Void	No deficiencies noted
.999-.000	8	Pothole	No deficiencies noted
.999-.000	8	Rutting	No deficiencies noted
.999-.000	8	Shoving	No deficiencies noted
.999-.000	8	Stripping	No deficiencies noted
.999-.000	8	Barrier Wall	No deficiencies noted
.999-.000	8	Pave. Shoulder	No deficiencies noted
.999-.000	8	Pavement Marker	No deficiencies noted
.999-.000	8	Pavement Control	No deficiencies noted
.999-.000	8	Regulatory Sign	No deficiencies noted
.999-.000	8	Striping	No deficiencies noted
.999-.000	8	Litter Removal	No deficiencies noted
.999-.000	8	Warning Sign	No deficiencies noted
.999-.000	8	Information sign < 30	No deficiencies noted.
.999-.000	8	Information sign > 30	No deficiencies noted.
.999-.000	8	Edge Ravel	No deficiencies noted
.999-.000	8	Sign light	No deficiencies noted



2015 - Central Florida Expressway Authority

Report of all Roadway features

Prepared by:

ATKINS

John Land Apopka Expressway - Westbound

Milepost location	Rating	Item	Comments
M.P. 008 to M.P. 007			
.999-.000	8	Outfall Ditch	No deficiencies noted
.999-.000	8	Depression	No deficiencies noted
.999-.000	8	Roadway Mowing	No deficiencies noted
.999-.000	8	Roadway Sweep	No deficiencies noted
.999-.000	8	Slope Mowing	No deficiencies noted
.999-.000	8	Landscape	No deficiencies noted
.999-.000	8	Turf Condition	No deficiencies noted
.999-.000	8	Guardrail	No deficiencies noted
.999-.000	8	Highway Light	No deficiencies noted
.999-.000	8	Curb Inlet	No deficiencies noted
.999-.000	8	Pond Lake Canal	No deficiencies noted
.999-.000	8	Roadside Ditch	No deficiencies noted
.999-.000	8	Storm Drain	No deficiencies noted
.999-.000	8	Fence	No deficiencies noted
.999-.000	8	Front Slope	No deficiencies noted
.999-.000	8	Slope Protection	No deficiencies noted
.999-.000	8	Soil Shoulder	No deficiencies noted
.999-.000	8	Cracking	No deficiencies noted
.999-.000	8	Cross Drain	No deficiencies noted
M.P. 007 to M.P. 006			
.843	5	Paved Shoulder	Paved shoulder exhibits class II cracking adjacent shoulder gutter.
.437	5	Cracking	Hairline cracks in approach slab to Keene Ramp bridge no. 750706
.398-.390	5	Roadway Mowing	Vegetation in excess of 36"
.999-.000	8	Stripping	No deficiencies noted
.999-.000	8	Regulatory Sign	No deficiencies noted
.999-.000	8	Depression	No deficiencies noted



2015 - Central Florida Expressway Authority

Report of all Roadway features

Prepared by:

ATKINS

John Land Apopka Expressway - Westbound

Milepost location	Rating	Item	Comments
M.P. 007 to M.P. 006			
.999-.000	8	Edge Ravel	No deficiencies noted
.999-.000	8	Joint	No deficiencies noted
.999-.000	8	Pavement Void	No deficiencies noted
.999-.000	8	Pothole	No deficiencies noted
.999-.000	8	Rutting	No deficiencies noted
.999-.000	8	Sign light	No deficiencies noted
.999-.000	8	Warning Sign	No deficiencies noted
.999-.000	8	Striping	No deficiencies noted
.999-.000	8	Attenuator	No deficiencies noted
.999-.000	8	Barrier Wall	No deficiencies noted
.999-.000	8	Object Marker	No deficiencies noted
.999-.000	8	Pavement Marker	No deficiencies noted
.999-.000	8	Information sign > 30'	No deficiencies noted.
.999-.000	8	Information sign < 30'	No deficiencies noted.
.999-.000	8	Outfall Inlet	No deficiencies noted
.999-.000	8	Soil Shoulder	No deficiencies noted
.999-.000	8	Shoving	No deficiencies noted
.999-.000	8	Cross Drain	No deficiencies noted
.999-.000	8	Pavement Symbol	No deficiencies noted
.999-.000	8	Landscape	No deficiencies noted
.999-.000	8	Litter Removal	No deficiencies noted
.999-.000	8	Roadway Sweep	No deficiencies noted
.999-.000	8	Slope Mowing	No deficiencies noted
.999-.000	8	Tree Trim	No deficiencies noted
.999-.000	8	Turf Condition	No deficiencies noted
.999-.000	8	Rip Rap	No deficiencies noted

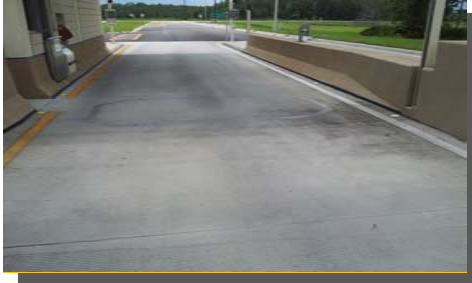
Building Inspection Sample



2015 - Central Florida Expressway Authority

Report of all facility features

Prepared by:
ATKINS



GreeneWay

Innovation Way - SB Off ramp

MP 037

Apron

Feature	Rating	Comments
Joints	4	Vegetation growing in deteriorated joint material.
Apron Sweep	8	No deficiencies noted
Cracking	8	No deficiencies noted
Pavement Voids	8	No deficiencies noted
Striping	8	No deficiencies noted

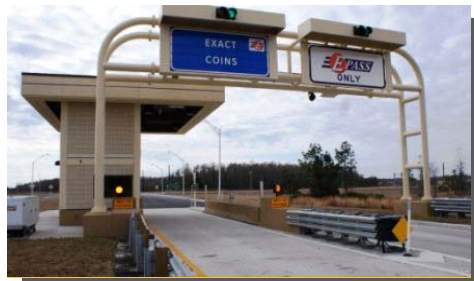


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Report of all facility features

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Innovation Way - SB Off ramp

MP 037

Canopy

Feature	Rating	Comments
Sign Structure	6	Algae growth present, needs power wash.
Canopy Columns	8	No deficiencies noted
Canopy Fascia	8	No deficiencies noted
Canopy lighting	8	No deficiencies noted
Canopy Underside	8	No deficiencies noted
Paint - Interior and Exterior	8	No deficiencies noted
Sign Lighting	8	No deficiencies noted
Signs	8	No deficiencies noted
Traffic Red / Green Lighting	8	No deficiencies noted
Variable Message Signs	8	No deficiencies noted

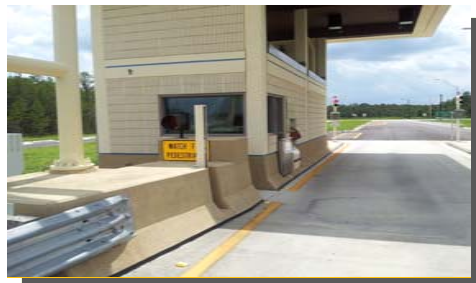


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Innovation Way - SB Off ramp

MP 037

Combo Bldg - Bldg Exterior

Feature	Rating	Comments
Joint Sealants	4	Vegetation growing through deteriorated joint sealant many location at this plaza.
Concrete Pavement	8	No deficiencies noted
Condensing Units	8	No deficiencies noted
Doors / Frames (Interior and Exterior)	8	No deficiencies noted
Lighting (Exterior)	8	No deficiencies noted
Lightning Protection	8	No deficiencies noted
Nose Flashers	8	No deficiencies noted
Paint - Interior and Exterior	8	No deficiencies noted
Plumbing Fixtures - Interior/Exterior	8	No deficiencies noted
Receptacle	8	No deficiencies noted
Signs	8	No deficiencies noted
Site Grounds	8	No deficiencies noted
Stand-By Generator	8	No deficiencies noted
Walls (Concrete Block, Brick, Stucco or EIFS)	8	No deficiencies noted
Windows and Storefronts	8	No deficiencies noted
Wiring	8	No deficiencies noted



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Report of all facility features

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Innovation Way - SB Off ramp

MP 037

Combo Bldg - Collection Area

Feature	Rating	Comments
Flooring (Interior and Accessories)	7	Tiles are scuffed
ACM	8	No deficiencies noted
Air Conditioners	8	No deficiencies noted
Ceilings and Ceiling Grids	8	No deficiencies noted
Counters/Cabinets and Drawers	8	No deficiencies noted
Doors / Frames (Interior and Exterior)	8	No deficiencies noted
Ductwork and Insulation	8	No deficiencies noted
Fire Extinguisher	8	No deficiencies noted
HVAC Control Systems	8	No deficiencies noted
Joint Sealants	8	No deficiencies noted
Lighting (Interior)	8	No deficiencies noted
Paint - Interior and Exterior	8	No deficiencies noted
Panelboards	8	No deficiencies noted
Receptacle	8	No deficiencies noted
Security	8	No deficiencies noted
Switchboards and Breakers	8	No deficiencies noted
Telephone System	8	No deficiencies noted
TVSS (Transient Voltage Surge Suppressor)	8	No deficiencies noted
Ventilation Outlets	8	No deficiencies noted
Walls (Concrete Block, Brick, Stucco or EIFS)	8	No deficiencies noted



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Innovation Way - SB Off ramp

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Combo Bldg - Collection Area

Feature	Rating	Comments
Walls (Interior)	8	No deficiencies noted
Windows and Storefronts	8	No deficiencies noted
Wiring	8	No deficiencies noted



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Report of all facility features

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Innovation Way - SB Off ramp

MP 037

Combo Bldg - Recorder Room

Feature	Rating	Comments
Air Conditioners	8	No deficiencies noted
Ceiling	8	No deficiencies noted
Doors / Frames (Interior and Exterior)	8	No deficiencies noted
Ductwork and Insulation	8	No deficiencies noted
Fire Extinguisher	8	No deficiencies noted
Flooring (Interior and Accessories)	8	No deficiencies noted
HVAC Control Systems	8	No deficiencies noted
Lighting (Interior)	8	No deficiencies noted
Paint - Interior and Exterior	8	No deficiencies noted
Panelboards	8	No deficiencies noted
Receptacle	8	No deficiencies noted
Switchboards and Breakers	8	No deficiencies noted
TVSS (Transient Voltage Surge Suppressor)	8	No deficiencies noted
UPS (Uninterrupted Power Supply)	8	No deficiencies noted
Ventilation Outlets	8	No deficiencies noted
Walls (Interior)	8	No deficiencies noted
Wiring	8	No deficiencies noted



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Report of all facility features

Prepared by:

ATKINS



Wednesday, October 07, 2015 Eastern Standard Time

GreeneWay

Innovation Way - SB Off ramp

MP 037

Combo Bldg - Restroom

Feature	Rating	Comments
Ceilings and Ceiling Grids	8	No deficiencies noted
Doors / Frames (Interior and Exterior)	8	No deficiencies noted
Exhaust Fans	8	Exhaust fan is not working.
Facility Plumbing Piping	8	No deficiencies noted
Flooring (Interior and Accessories)	8	No deficiencies noted
Joint Sealants	8	No deficiencies noted
Lighting (Interior)	8	No deficiencies noted
Paint - Interior and Exterior	8	No deficiencies noted
Plumbing Fixtures - Interior/Exterior	8	No deficiencies noted
Receptacle	8	No deficiencies noted
Ventilation Outlets	8	No deficiencies noted
Walls (Interior)	8	No deficiencies noted



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Report of all facility features

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Innovation Way - SB Off ramp

MP 037

Island A - Island

Feature	Rating	Comments
Attenuator	8	No deficiencies noted
Concrete	8	No deficiencies noted
Nose Flashers	8	No deficiencies noted
Sign Structures	8	No deficiencies noted
Signs	8	No deficiencies noted
Toll Indicator	8	No deficiencies noted
Wiring	8	No deficiencies noted

Bridge Inspection Summary

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	Performance Rating
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	6	5	N	6	2
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	6	5	N	6	2
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
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	8	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

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	Performance Rating
750317	SR-436 NB	6	7	7	N	N	7	2
750318	SR-528	9	7	7	N	N	7	2
750319	SR-528	9	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	Econlockhatcee 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
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	8	7	8	N	N	7	2
750391	SR-408	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

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	Performance Rating
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
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
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

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	Performance Rating
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-429 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
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

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	Performance Rating
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	9	9	N	N	9	1
750719	SR-429 NB Ramp BF	8	9	9	N	N	9	1
750720	SR-414 WB	8	7	9	N	N	7	2
750721	SR-414 EB	8	8	8	N	N	8	1
750722	SR-429 NB Ramp EG	9	9	9	N	N	9	1
750723	SR-429 NB Ramp	8	8	8	N	N	8	1
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	9	9	N	N	9	1
750729	Ramp K	8	8	8	N	N	7	1
750730	Ramp K	7	8	8	N	N	8	2
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
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	9	9	9	N	N	9	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

Note: The inspection does not include pedestrian bridges at plazas.

2015 Annual Inspection Report



Section 3 Inspection Results

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3. Inspection Results

3.1 Summary of Findings for Roadways, Buildings and Bridges

For reporting purposes, features rated 3 or below are considered deficient and require maintenance in order to improve the feature and protect the public or the system. For features receiving a rating of 4, maintenance is recommended before they become deficient. Maintenance action requirements are specified in Section 2. It should be noted that between the time of the inspection and the time this report is published, many of these deficiencies have already been corrected as part of CFX's Maintenance Program. Furthermore, emergency deficiencies considered critical have already been addressed. Refer to Section 3.2 for additional information. Other deficiencies identified can generally be addressed in a timely manner. Table 3-1 summarizes the findings for CFX's System as a whole. All average ratings for the System for the 2015 inspection are equal or higher than the ones for the 2014 inspection, with the exception of Roadway/Pavement which is only 0.1 points lower than last year.

Table 3-1: Systemwide Summary of Findings

Feature		2014 Rating (1)	2015 Rating (1)	Description (2)	Most Common Deficient Features (3)
Roadways	Roadway / Pavement	7.9	7.8	Good	Pothole
	Roadside	7.6	7.7	Good	Soil Shoulder
	Traffic Services	7.9	8	Good	Guardrail
	Drainage	7.8	7.8	Good	N/A
	Vegetation / Aesthetics	7.7	7.7	Good	N/A
Buildings		7.6	7.6	Good	Panelboards
Bridges		1.7	1.7	Good	See note 4

Notes:

1. The rating is the average rating of all inspected features for each category.
2. The description is based on the average rating rounded to the nearest whole value.
3. For Roadways and Buildings, features that are considered deficient are those rated 3 or below.
4. Deficiencies identified on the reports are being addressed by CFX. As reported for the Florida Transportation Commission (FTC) performance measures, 99.3% of the bridges on CFX's System are rated excellent (1) or good (2). No load or weight restrictions have been imposed that would constrain the use of any bridge on CFX's System.

A summary of findings of the physical condition of the roadways, buildings, and bridges for each of CFX's system roadways: 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) is included in the following sections.

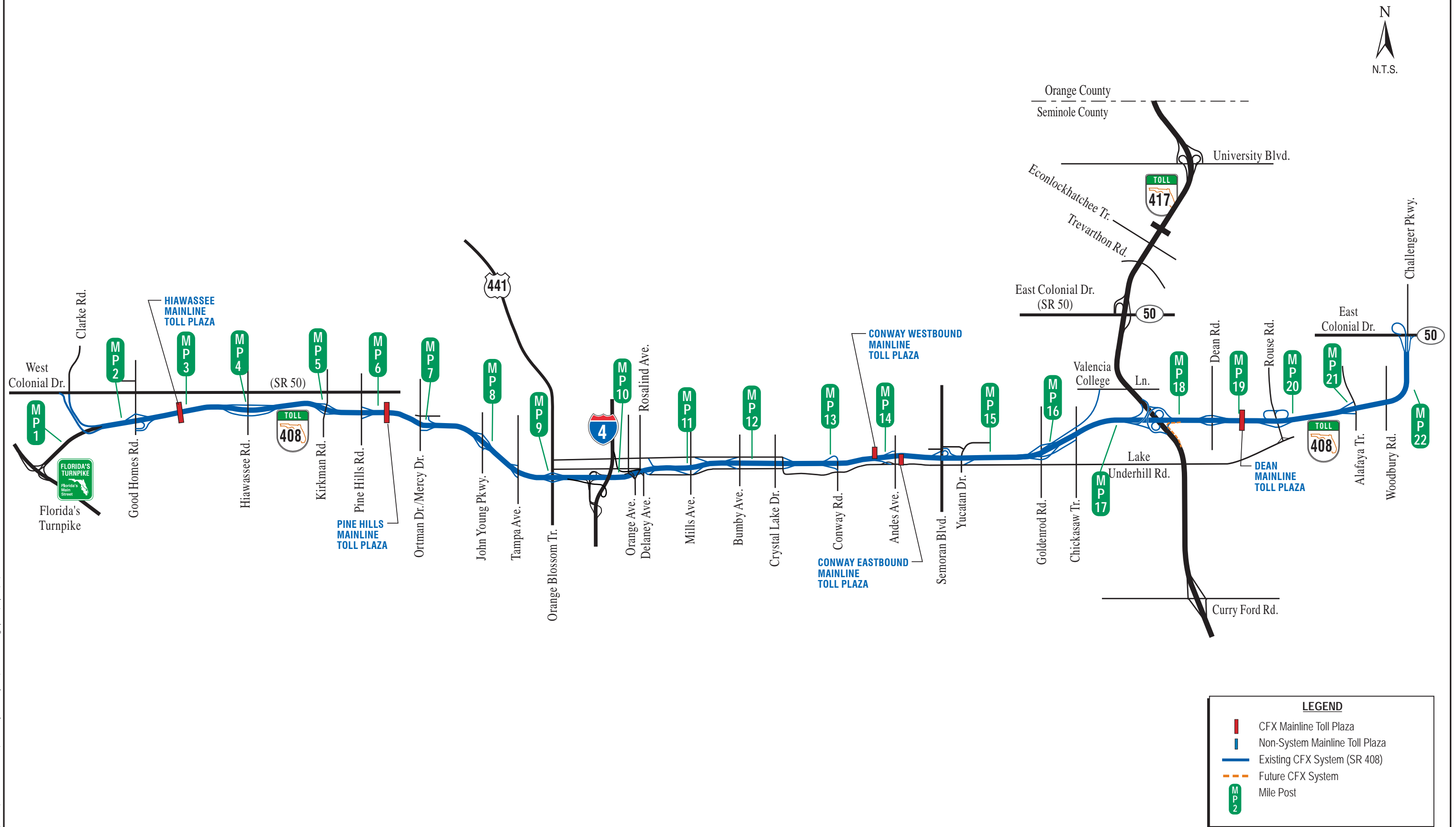
Inspection Worksheets for roadways and buildings are included on the compact disk (CD) attached to the back of this report. For security purposes, the latest bridge inspection reports for the bridges along SR 408, SR 414, SR 417, SR 429, SR 451, and SR 528 are not included, but are available for review upon written request to CFX.

2015 Annual Inspection Report

East-West Expressway



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3.1.1 SR 408 (East - West Expressway)

Table 3-2 summarizes the findings for SR 408. Roadway, Buildings and Bridges are further discussed in the following paragraphs.

Table 3-2: SR 408 Summary of Findings

Feature		Rating ⁽¹⁾	Description ⁽²⁾	Most Common Deficient Features ⁽³⁾
Roadways	Roadway / Pavement	7.7	Good	N/A
	Roadside	7.8	Good	N/A
	Traffic Services	7.9	Good	Guardrail
	Drainage	7.9	Good	N/A
	Vegetation / Aesthetics	7.6	Good	N/A
Buildings		7.6	Good	NA
Bridges ⁽⁴⁾		1 & 2	Good	N/A

Notes:

1. The rating is the average rating of all inspected features for each category.
2. The description is based on the average rating rounded to the nearest whole value.
3. For Roadways and Buildings, features that are considered deficient are those rated 3 or below.
4. As reported for the Florida Transportation Commission (FTC) performance measures, 99.3% of the bridges on CFX's System are rated excellent (1) or good (2). No load or weight restrictions have been imposed that would constrain the use of any bridge on SR 408.

Roadway

The inspection of the roadway and its appurtenances for SR 408 starts near mile post (MP) 1 (at Florida's Turnpike) and extends east past MP 22, which is the beginning of Challenger Parkway. A map showing SR 408 and its mile posts can be found in Figure 3-1.

It should be noted that at the time the 2015 inspection was performed, the SR 408 / I-4 interchange was under construction by FDOT. This interchange is part of the I-4 Ultimate Project. The following portions of SR 408 that were under construction and not inspected and are shown on the Inspection Worksheets with a rating of 0:

- SR 408 Westbound Mainline from approximately MP 8 to 9.5
- SR 408 / Tampa Avenue Westbound On Ramp

- SR 408 / US 441 Westbound Off Ramp
- SR 408 / US 441 Westbound On Ramp

Specific deficiencies and locations of all SR 408 roadway features are shown in the Roadway Inspection Worksheets on the CD attached to the back of this report.

Roadway/Pavement

Roadway/Pavement features for SR 408 are in generally good condition with no deficiencies noted.

Cracking was the most common feature that received a rating of 4. Class III cracking is occurring mostly along SR 408 (both eastbound and westbound). These sections are identified on the Roadway Inspection Worksheets. All of the locations where pavement cracking was identified were also identified in CFX's Pavement Management System Needs Analysis and have been included in the Five Year Work Plan (FY 16-20) for repair as widening or resurfacing projects. Two specific projects have been scheduled to address problematic areas. Project 408-127 includes the roadway widening and milling and resurfacing of existing lanes on SR 408 between Good Homes Road and Hiawasse Road. This project is currently under design. A milling and resurfacing project on SR 408 from West SR 50 to I-4 has been included in the Work Plan with construction anticipated in FY 2017. If specific locations require attention prior to the programmed projects, they can be addressed with the miscellaneous resurfacing projects, also included in the Work Plan.

Maintenance is also recommended for a few joint, pavement void, stripping, pothole and shoving features that received a rating of 4.

Out of a total of 1,228 Roadway/Pavement features that were inspected on SR 408, 49 features were rated 4. Maintenance is suggested for those features to protect the features and prevent them from becoming deficient. No Roadway/Pavement features were rated below a 4.

Roadside

Roadside features on SR 408 are in good condition with no major deficiencies identified. Maintenance is recommended for soil shoulder, fence and front slope features that were rated at 4.

Out of a total of 481 Roadside features that were inspected on SR 408, 17 received a rating of 4, and maintenance is suggested in order to protect them. No Roadside features received a rating lower than 4.

Traffic Services

Traffic Services features on SR 408 are in good condition. One feature identified along the EB 408 mainline at MP 17.945 was given a rating of 3. The deficiency consisted of undermined guardrail due to soil shoulder erosion encroaching onto paved shoulder.

Maintenance is recommended for some isolated information signs, object and pavement markers, pavement symbols, striping and guardrail that were rated at 4.

Out of a total of 1,280 Traffic Services features inspected on SR 408, 17 received a rating of 4. Only one feature was considered deficient and rated at 3. No Traffic Services features received a rating lower than 4.

Highway lighting was inspected at night as is in good condition with no deficiencies noted.

Drainage

Drainage features on SR 408 are in good condition with no deficiencies identified.

The most common features that were rated as 4 involve storm drains where the shoulder gutter is cracked or has vegetation growing through it. Maintenance is also proposed at a few locations for the following features: inlets, roadside ditches and cross drains.

Maintenance is suggested for the 12 out of the 868 inspected Drainage features on SR 408 that were rated as 4. No Drainage features received a rating lower than 4.

Vegetation/Aesthetics

Vegetation/Aesthetics features along SR 408 (see Picture 1) are in generally good condition with no deficiencies identified.

Tree trimming is proposed at various locations throughout SR 408. Mowing is recommended where vegetation height needs to be controlled. Litter removal is also suggested at isolated locations that were rated as 4.

Out of the total 781 Vegetation/Aesthetics features that were inspected on SR 408, maintenance is proposed for the 27 that received a rating of 4. No Vegetation/Aesthetic features received a rating lower than 4.

Buildings

Buildings along SR 408 are generally in good condition with no deficiencies identified.

Facility maintenance is recommended for various features along SR 408, but most commonly for wiring, switchboards and breakers, and receptacles.



**Picture 1 – CFX
Headquarters Building**

CFX's headquarters building, shown in Picture 1, is located along SR 408 near the Conway Westbound Mainline Toll Plaza. The building is in good condition with no deficiencies identified. No features received a rating lower than 4.

Individual summaries of building conditions along SR 408 are indicated in the Building Inspection Worksheets included on the CD attached to the back of this report.

Bridges

Picture 2 shows the bridges of SR 408 over SR 417. The latest bridge inspection reports for the bridges along SR 408 are available for review upon request to CFX. No significant deficiencies were reported. No load limits or weight restrictions have been imposed that would constrain the use of any bridge on SR 408.

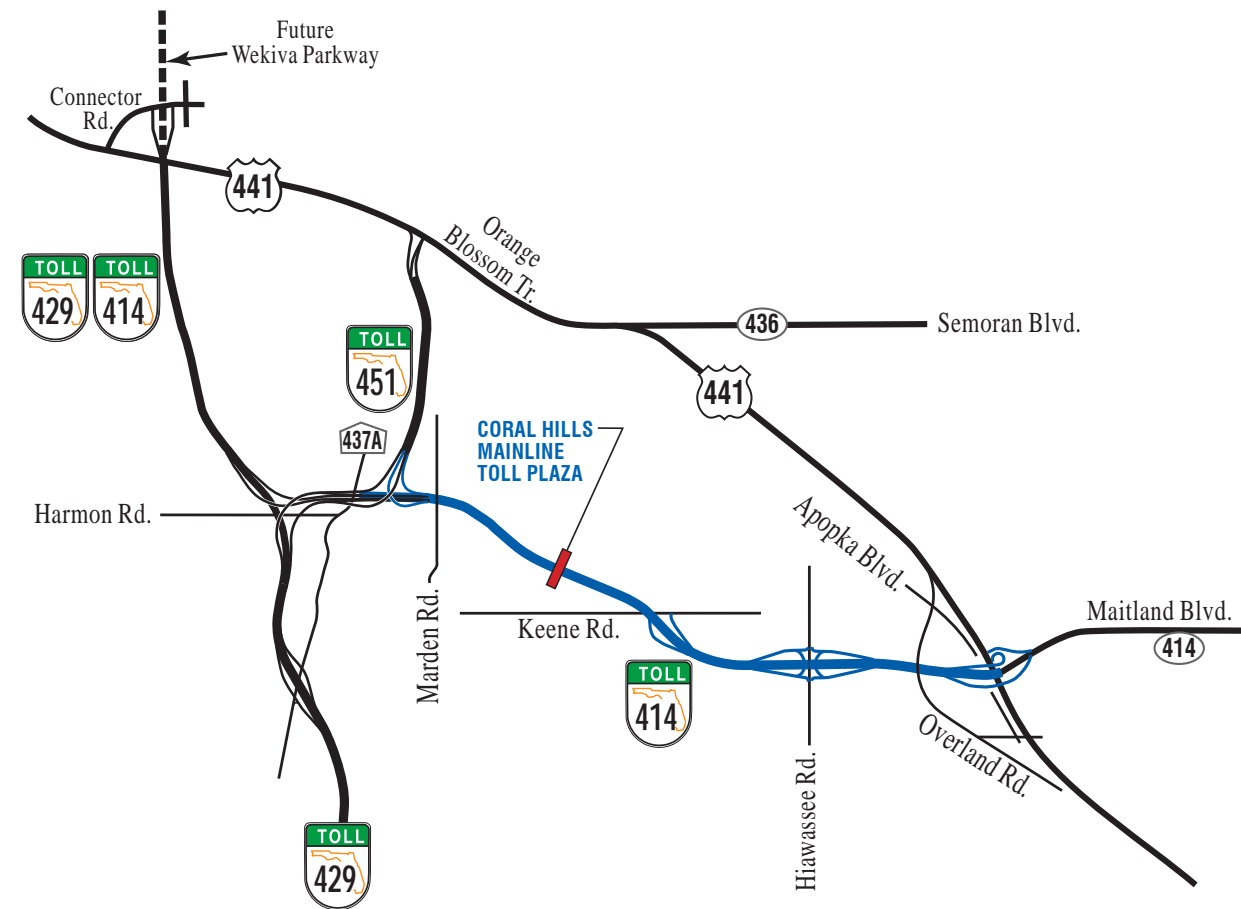


Picture 2 – SR 408 Bridges Over SR 417

2015 Annual Inspection Report

John Land Apopka Expressway





LEGEND

- CFX Mainline Toll Plaza
- Non-System Mainline Toll Plaza
- Existing CFX System (SR 414)
- Future CFX System
- Mile Post

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3.1.2 SR 414 (John Land Apopka Expressway)

Table 3-3 summarizes the findings for SR 414. Roadway, Buildings and Bridges are further discussed in the following paragraphs.

Table 3-3: SR 414 Summary of Findings

Feature		Rating ⁽¹⁾	Description ⁽²⁾	Most Common Deficient Features ⁽³⁾
Roadways	Roadway / Pavement	8.0	Good	N/A
	Roadside	8.0	Good	N/A
	Traffic Services	8.1	Good	N/A
	Drainage	7.9	Good	N/A
	Vegetation / Aesthetics	7.9	Good	N/A
Buildings		8.1	Good	Panelboards
Bridges ⁽⁴⁾		1 & 2	Good	N/A

Notes:

1. The rating is the average rating of all inspected features for each category.
2. The description is based on the average rating rounded to the nearest whole value.
3. For Roadways and Buildings, features that are considered deficient are those rated 3 or below.
4. As reported for the Florida Transportation Commission (FTC) performance measures, 99.3% of the bridges on CFX's System are rated excellent (1) or good (2). No load or weight restrictions have been imposed that would constrain the use of any bridge on SR 414.

Roadway

The inspection of the roadway and its appurtenances for SR 414 starts near MP 3 at SR 429 and extends east past MP 9. A map showing SR 414 and its mile posts can be found in Figure 3-2.

Specific deficiencies and locations of all roadway features along SR 414 are shown in the Roadway Inspection Worksheets included on the CD attached to the back of this report.

Roadway/Pavement

Roadway/Pavement features on SR 414 are in good condition with no deficiencies noted.

Maintenance is recommended at a few isolated locations that received a rating of 4 due to spalled joint edges, voids in pavement, and erosion in paved shoulder.

Out of the 288 inspected Roadway/Pavement features on SR 414, only 5 received a rating of 4. Maintenance is suggested in order to prevent those features from becoming deficient. No Roadway/Pavement features received a rating lower than 4.

Roadside

Roadside features along SR 414 are in good condition. Of the total 120 inspected Roadside features, none were rated deficient, and no additional maintenance is needed. No Roadside features received a rating below a 5.

Traffic Services

Traffic Services features for SR 414 (refer to Picture 3) are in good condition, identifying no deficiencies.

Only one feature out of a total of 304 inspected Traffic Services features received a rating of 4. It is suggested that maintenance be performed on the regulatory sign that is damaged. No Traffic Services features were rated lower than 4.

Highway and sign lighting was inspected at night and is in good condition with no deficiencies noted.



Picture 3 – SR 414 Overhead Sign

Drainage

Drainage features on SR 414 are in good condition with no deficiencies.

Out of a total 203 Drainage features that were inspected, only one item received a rating of 4. Maintenance is recommended for the identified storm drain due to the vegetation growing through the shoulder gutter joints.

Vegetation/Aesthetics

Vegetation/Aesthetics features for SR 414 are in generally good condition with no deficiencies.

Out of the total 198 Vegetation/Aesthetics features that were inspected on SR 414, no features received a rating of 4 or lower.

Buildings

Buildings along SR 414 are in good condition. One rating of 1 was identified at the Coral Hills Mainline Toll Plaza in the recorder room related to the panelboards.

Maintenance is suggested for a few other issues at the Coral Hills Mainline Toll Plaza and the Hiawasse Road Toll Ramp Plazas. Other than the feature with the rating of 1, no other features were rated below a 4.

Individual summaries of building conditions along SR 414 are indicated in the Building Inspection Worksheets on the CD attached to this report.

Bridges

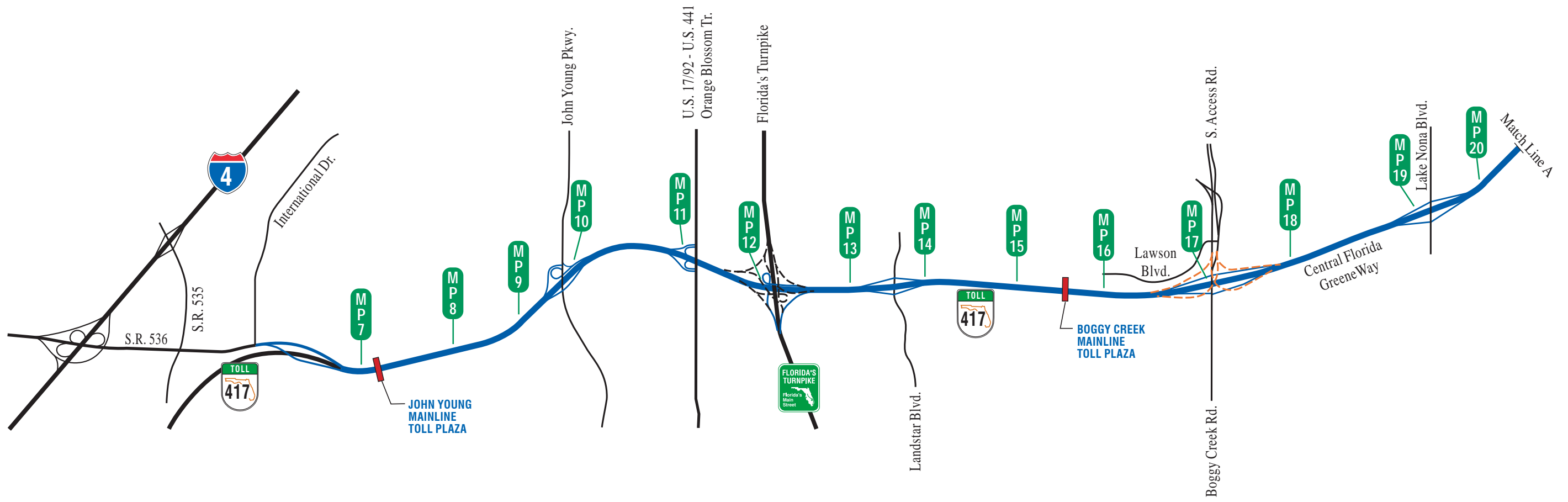
The latest bridge inspection reports for the bridges along SR 414 are available for review upon request to CFX. No significant deficiencies were reported. No load limits or weight restrictions have been imposed that would constrain the use of any bridge on SR 414.

2015 Annual Inspection Report

Central Florida GreeneWay



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LEGEND

CFX Mainline Toll Plaza

Non-System Mainline Toll Plaza

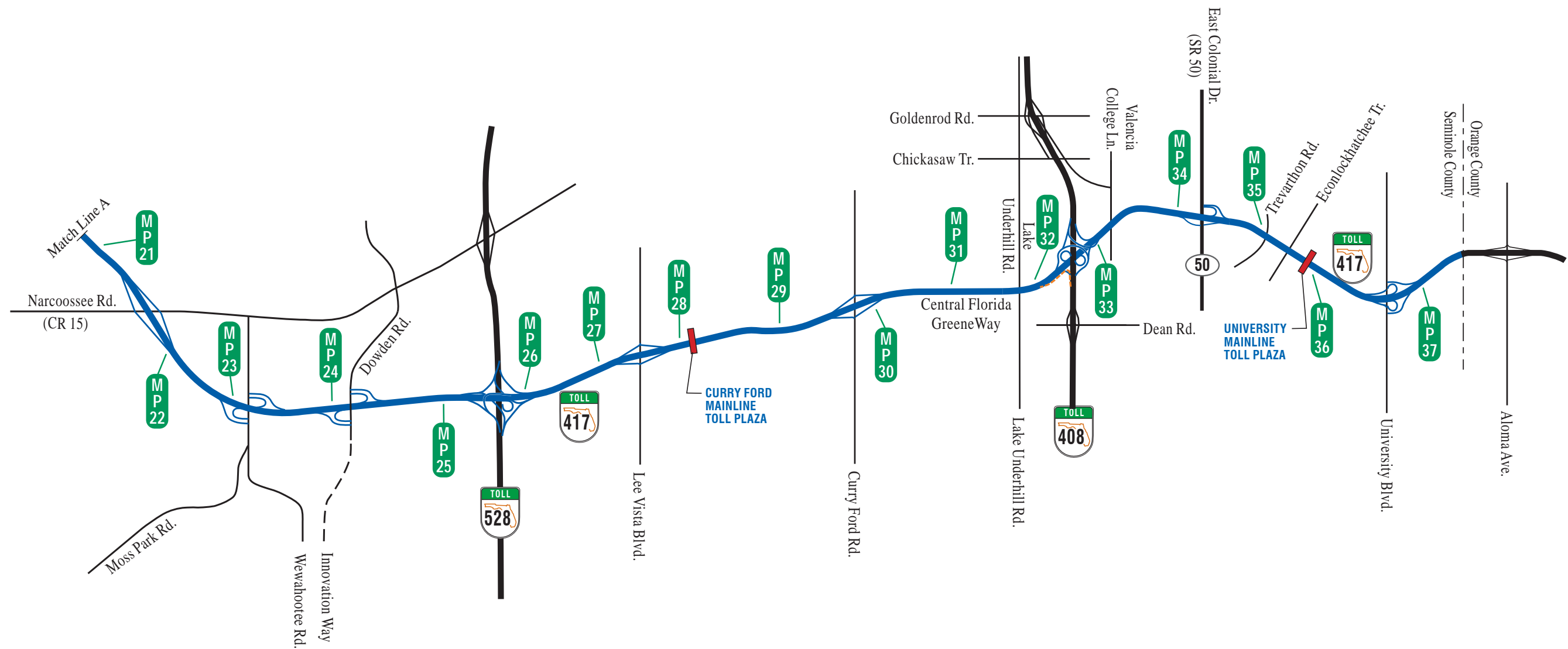
Existing CFX System (SR 417)

Future CFX System

MP 2

Mile Post

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LEGEND

- CFX Mainline Toll Plaza
- Non-System Mainline Toll Plaza
- Existing CFX System (SR 417)
- Future CFX System
- Mile Post

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3.1.3 SR 417 (Central Florida GreeneWay)

Table 3-4 summarizes the findings for SR 417. Roadway, Buildings and Bridges are further discussed in the following paragraphs.

Table 3-4: SR 417 Summary of Findings

Feature		Rating ⁽¹⁾	Description ⁽²⁾	Most Common Deficient Features ⁽³⁾
Roadways	Roadway / Pavement	7.7	Good	Pothole
	Roadside	7.6	Good	Soil Shoulder
	Traffic Services	7.9	Good	N/A
	Drainage	7.8	Good	N/A
	Vegetation / Aesthetics	7.7	Good	N/A
Buildings		7.5	Good	N/A
Bridges ⁽⁴⁾		1 & 2	Good	N/A

Notes:

1. The rating is the average rating of all inspected features for each category.
2. The description is based on the average rating rounded to the nearest whole value.
3. For Roadways and Buildings, features that are considered deficient are those rated 3 or below.
4. As reported for the Florida Transportation Commission (FTC) performance measures, 99.3% of the bridges on CFX's System are rated excellent (1) or good (2). No load or weight restrictions have been imposed that would constrain the use of any bridge on SR 417.

Roadway

The inspection of the roadway and its appurtenances for SR 417 starts around MP 6 and extends north past MP 37 to the Orange/Seminole County Line. Figures 3-3 and 3-4 show SR 417 and its mile posts. It should be noted that at the time the 2015 inspection was performed, the following portions of SR 417 were under construction (see Picture 4):

- SR 417 Northbound Mainline from MP 17 to 19
- SR 417 Southbound Mainline from approximately MP 15.5 to 18
- SR 417 / Boggy Creek Northbound Off Ramp
- SR 417 / Boggy Creek Northbound On Ramp

- SR 417 / Boggy Creek Southbound Off Ramp
- SR 417 / Boggy Creek Southbound On Ramp

The portions under construction were not inspected and are shown on the Inspection Worksheets with a rating of 0.

Specific deficiencies and locations of all Roadway features along SR 417 are shown in the Roadway Inspection Worksheets included on the CD attached to the back of this report.



Picture 4 – Road Closed Sign on SR 417 near Boggy Creek Road

Roadway/Pavement

Roadway/Pavement features for SR 417 are in good condition with only two deficiencies noted. A rating of 1 was assigned to a pavement pothole in the wheel path along the SR 417 Northbound Mainline at MP 13.7. The second deficiency, which was assigned a rating of 3, was also identified as a pothole on the SR 417 / Curry Ford Southbound On Ramp.

Pavement cracking features were the most commonly rated as 4. Most of the Class III cracking was observed on SR 417 between International Drive and Narcoossee Road. Locations where pavement cracking was noted during the inspection were also identified in CFX's Pavement Management System Needs Analysis and have been included in the Five Year Work Plan (FY 16-20) for repair as resurfacing projects. The SR 417 Milling and Resurfacing (Project 417-733) from International Drive to Moss Park Road is currently under construction and will address most of the identified areas. If other specific locations require attention prior to the programmed projects, they can be addressed with the miscellaneous resurfacing projects, also included in the Work Plan.

Maintenance is also suggested at various locations along SR 417 for features that were rated as 4 related mostly to stripping, shoving, joints and potholes.

Out of the 1,337 inspected Roadway/Pavement features on SR 417, 70 received a rating of 4, one received a rating of 1, and one received a rating of 3. Maintenance is recommended for all items rated 4 in order to prevent them from becoming deficient.

Roadside

Roadside features along SR 417 are generally in good condition. There were seven deficiencies, rated as 2 or 3, all related to soil shoulder and front slope erosion. There were no deficiencies that were rated as a 1.

Features that received a rating of 4 were related to front slopes, soil shoulders, slope protection, fences and slope mowing. Maintenance is suggested to prevent the features from becoming deficient.

Out of the 563 inspected Roadside features on SR 417, 29 received a rating of 4, five received a rating of 3, and two received a rating of 2.

Traffic Services

Traffic Services features on SR 417 are in good condition with no deficiencies noted.

36 of the 1,397 inspected Traffic Services features on SR 417 received a rating of 4. Various information sign, object marker, barrier wall, warning sign, highway light, and pavement symbol features throughout the corridor were all listed as needing maintenance. It is advised that these concerns be corrected to protect the features and prevent them from becoming deficient.

No Traffic Services features received a rating lower than 4.

Highway and sign lighting was inspected at night and is in good condition. It is suggested that bulbs be replaced at the identified non-working sign and highway lights.

Drainage

Drainage features on SR 417 are in good condition with no reported deficiencies.

Isolated storm drains, roadside ditches, and rip rap features were rated as 4. Maintenance is suggested to inhibit them from becoming deficient.

Out of the 995 Drainage features that were inspected on SR 417, only 7 received a rating of 4. No Drainage features received a rating of less than 4.

Vegetation/Aesthetics

Vegetation/Aesthetics features along SR 417 are in good condition with no deficiencies reported.

Maintenance is recommended for the following features which received ratings of 4: slope mowing, tree trimming, turf repair, roadway sweep and mowing, and litter removal.

Of the total 891 inspected Vegetation/Aesthetics features on SR 417, 26 received a rating of 4. Maintenance should be performed in order to protect these features. No features on SR 417 received a rating lower than 4.

Buildings

Buildings along SR 417 are in overall good condition with a few areas in need of some attention.

Maintenance is recommended at various locations that had features rated at 4. The most common features rated as 4 were related to air conditioners, wiring, panelboards, and switch boards and breakers.

Individual summaries of building conditions along SR 417 are indicated in the Building Inspection Worksheets on the CD included attached to the back of this report.

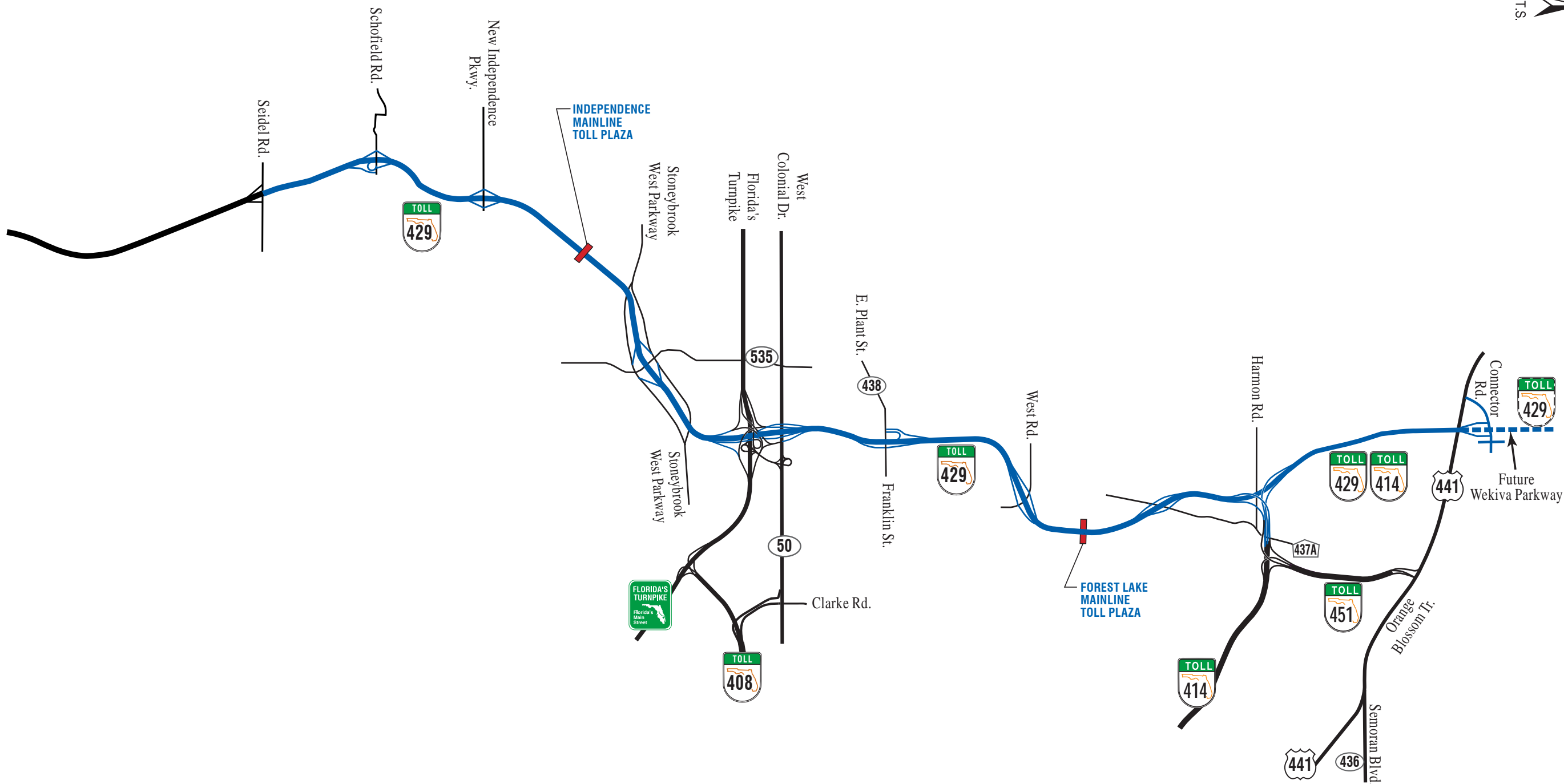
Bridges

The latest bridge inspection reports for the bridges along SR 417 are available for review upon request to CFX. No significant deficiencies were reported. No load limits or weight restrictions have been imposed that would constrain the use of any bridge on SR 417.

2015 Annual Inspection Report

Daniel Webster Western Beltway





LEGEND

CFX Mainline Toll Plaza

Non-System Mainline Toll Plaza

Existing CFX System (SR 429)

Future CFX System

MP
2

Mile Post



3.1.4 SR 429 (Daniel Webster Western Beltway)

Table 3-5 summarizes the findings for SR 429. Roadway, Buildings and Bridges are further discussed in the following paragraphs.

Table 3-5: SR 429 Summary of Findings

Feature		Rating ⁽¹⁾	Description ⁽²⁾	Most Common Deficient Features ⁽³⁾
Roadways	Roadway / Pavement	8.0	Good	N/A
	Roadside	7.7	Good	N/A
	Traffic Services	8.1	Good	N/A
	Drainage	8.0	Good	N/A
	Vegetation / Aesthetics	7.9	Good	N/A
Buildings		7.8	Good	NA
Bridges ⁽⁴⁾		1 & 2	Good	N/A

Notes:

1. The rating is the average rating of all inspected features for each category.
2. The description is based on the average rating rounded to the nearest whole value.
3. For Roadways and Buildings, features that are considered deficient are those rated 3 or below.
4. As reported for the Florida Transportation Commission (FTC) performance measures, 99.3% of the bridges on CFX's System are rated excellent (1) or good (2). No load or weight restrictions have been imposed that would constrain the use of any bridge on SR 429.

Roadway

The inspection of the roadway and its appurtenances for SR 429 starts at Seidel Road (near MP 11) and extends north past SR 414 and up to US 441 near Plymouth Sorrento Road (past MP 33). The north portion of SR 429, from SR 414 to US 441 was opened to traffic in January 2013, and is known as SR 429/414. A map showing SR 429, the SR 429/414 extension and its mile posts can be found in Figure 3-5.

Specific deficiencies and locations of all roadway features along SR 429 are shown in the Roadway Inspection Worksheets included on the CD attached to the back of this report.

Roadway/Pavement

Roadway/Pavement features on SR 429 are in good condition with no deficiencies noted.

Maintenance is suggested at a few locations that received ratings of 4 for pavement cracking, joint, stripping, and edge ravel features in order to prevent these features from becoming deficient.

Most of the Class III cracking was observed on SR 429 between New Independence Parkway and CR 535. Locations where pavement cracking was noted during the inspection were also identified in CFX's Pavement Management System Needs Analysis and have been included in the Five Year Work Plan (FY 16-20) for repair as resurfacing projects. The SR 429 Milling and Resurfacing from Seidel Road to CR 535 is currently under design and will address most of the identified areas. If other specific locations require attention prior to the programmed projects, they can be addressed with the miscellaneous resurfacing projects, also included in the Work Plan.

22 out of the total 868 inspected Roadway/ Pavement features on SR 429 received a rating of 4. No Roadway/Pavement features on SR 429 received a rating lower than 4.

Roadside

Roadside features along SR 429 are in generally good condition. There were no deficiencies identified.

Maintenance is proposed at some locations that exhibit soil shoulder and front slope erosion.

Out of a total of 373 inspected Roadside features on SR 429, 19 received a rating of 4. These features should be considered for maintenance in order to prevent them from becoming deficient. No Roadside features on SR 429 received a rating lower than 4.

Traffic Services

Traffic service features on SR 429 are in good condition with no deficiencies.

27 of the total 925 inspected Traffic Services features on SR 429 received a rating of 4 and were mostly related to object markers and information signs. It is suggested that maintenance is performed in order to prevent the features from becoming deficient. No Traffic Services features on SR 429 received a rating lower than 4.

Highway and sign lighting was inspected at night and is in good condition. It is suggested that bulbs be replaced at the identified non-working sign and highway lights.

Drainage

Drainage features on SR 429 are in good condition with no identified deficiencies.

Only 2 of the 560 inspected drainage features on SR 429 were rated at 4 and were related to storm drains. Maintenance is recommended to protect those features and prevent them from becoming deficient. No Drainage features on SR 429 received a rating lower than 4.

Vegetation/Aesthetics

Vegetation/Aesthetics features for SR 429 are in good condition, with no deficiencies.

Out of the total 584 inspected Vegetation/Aesthetic features on SR 429, mowing and tree trimming is suggested at the 10 isolated locations that received a rating of 4. No Vegetation/Aesthetics features received a rating lower than 4.

Buildings

Buildings along SR 429 are in good condition with no deficiencies identified.

Maintenance is recommended throughout the facilities along SR 429, with the most common maintenance issues being related to emergency lighting not working properly.

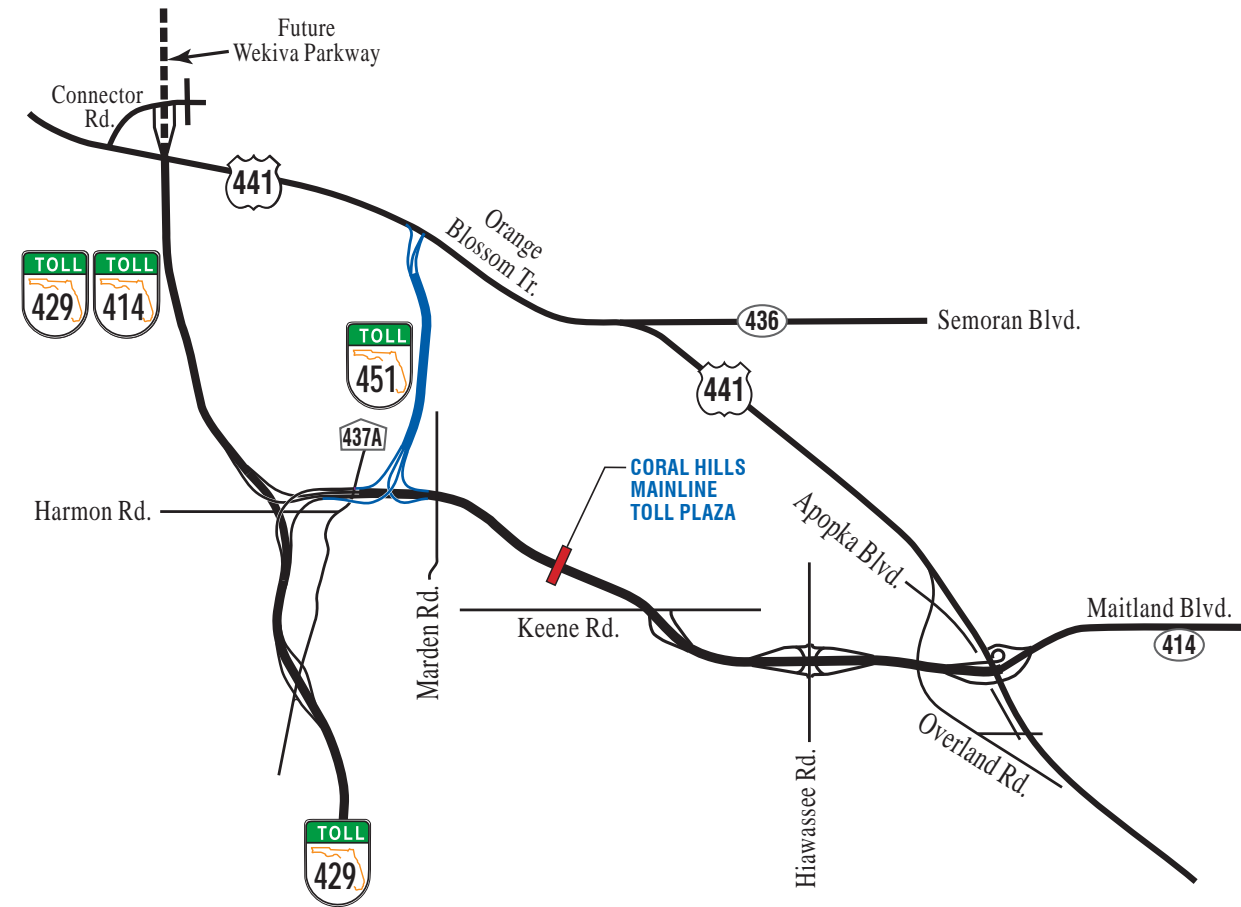
Individual summaries of building conditions along SR 429 are indicated in the Building Inspection Worksheets on the CD attached to this document.

Bridges

The latest bridge inspection reports for the bridges along SR 429 are available for review upon request to CFX. No significant deficiencies were reported. No load limits or weight restrictions have been imposed that would constrain the use of any bridge on SR 429.

2015 Annual Inspection Report





LEGEND

- CFX Mainline Toll Plaza
- Non-System Mainline Toll Plaza
- Existing CFX System (SR 451)
- Future CFX System
- Mile Post

3.1.5 SR 451

Table 3-6 summarizes the findings for SR 451. Roadway, Buildings and Bridges are further discussed in the following paragraphs.

Table 3-6: SR 451 Summary of Findings

Feature		Rating ⁽¹⁾	Description ⁽²⁾	Most Common Deficient Features ⁽³⁾
Roadways	Roadway / Pavement	8.4	Good	N/A
	Roadside	8.1	Good	N/A
	Traffic Services	8.4	Good	N/A
	Drainage	8.1	Good	N/A
	Vegetation / Aesthetics	8.0	Good	N/A
Buildings		No buildings are associated with SR 451		
Bridges ⁽⁴⁾		1 & 2	Good	N/A

Notes:

1. The rating is the average rating of all inspected features for each category.
2. The description is based on the average rating rounded to the nearest whole value.
3. For Roadways and Buildings, features that are considered deficient are those rated 3 or below.
4. As reported for the Florida Transportation Commission (FTC) performance measures, 99.3% of the bridges on CFX's System are rated excellent (1) or good (2). No load or weight restrictions have been imposed that would constrain the use of any bridge on SR 451.

Roadway

The inspection of the roadway and its appurtenances for SR 451 starts at SR 414 and extends north to US 441. With the opening of the SR 429/414 expressway in January 2013, this northern portion of the existing SR 429 was re-designated as SR 451. A map showing SR 451 and its mile posts can be found in Figure 3-6.

Specific deficiencies and locations of all roadway features along SR 451 are shown in the Roadway Inspection Worksheets included on the CD attached to the back of this report.

Roadway/Pavement

Roadway/Pavement features on SR 451 are in good condition with no deficiencies. No maintenance requirements were identified.

Of the 89 Roadway/Pavement features identified on SR 451, no items were rated below 8.

Roadside

Roadside features along SR 451 are in good condition with no noted deficiencies. Maintenance is suggested for a soil shoulder at one of the SR 451 / SR 414 ramps.

There were 35 Roadside features that were evaluated on SR 451 and none were rated lower than 4.

Traffic Services

Traffic Services features on SR 451 are in good condition with no deficiencies noted. No Traffic Services features on SR 451 received a rating lower than 5.

Highway and sign lighting was inspected at night and is also in good condition with no deficiencies identified.

Drainage

Drainage features along SR 451 are in good condition with no identified deficiencies.

None of the 55 Drainage features on SR 451 that were inspected received a rating lower than 5.

Vegetation/Aesthetics

Vegetation/Aesthetics features on SR 451 are in good condition with no noted deficiencies.

There were 59 Vegetation/Aesthetics features examined with only one item receiving a rating of 4. Maintenance is suggested where the roadway vegetation has seen excessive growth.

Buildings

There are no buildings associated with SR 451.

Bridges

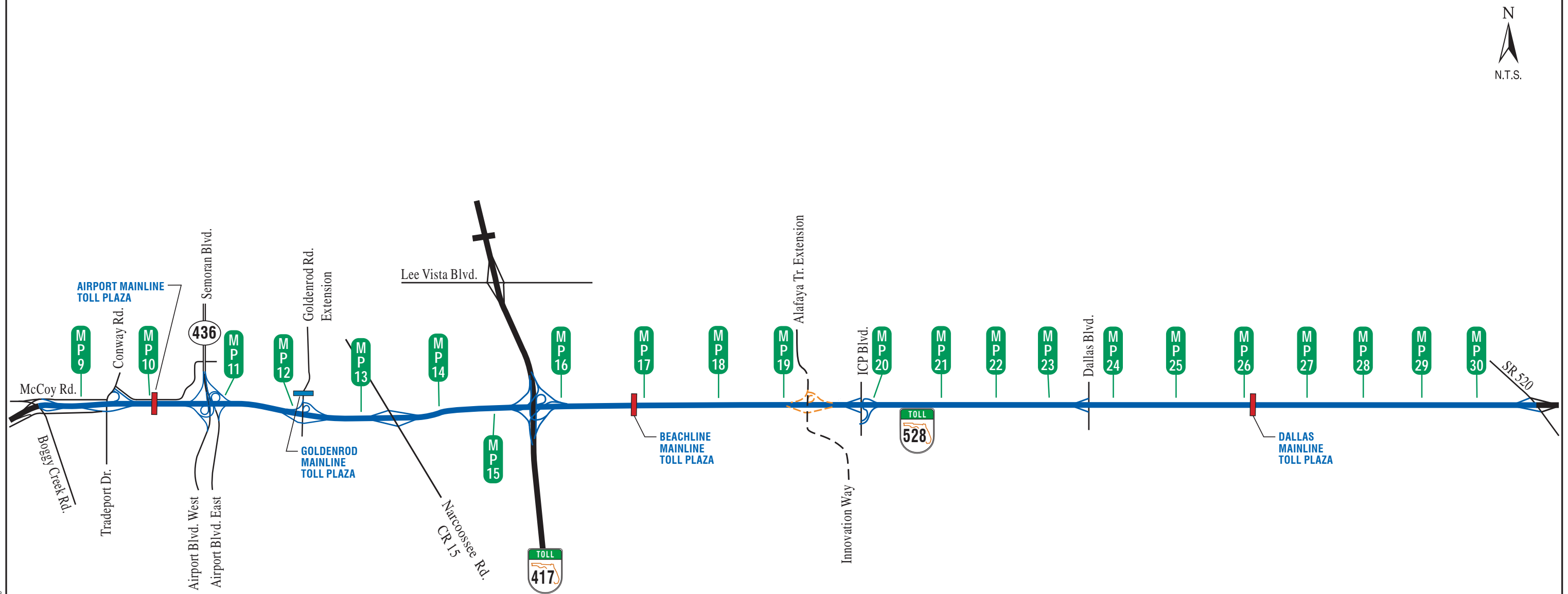
The latest bridge inspection reports for the bridges along SR 451 are available for review upon request to CFX. No significant deficiencies were reported. No load limits or weight restrictions have been imposed that would constrain the use of any bridge on SR 451.

2015 Annual Inspection Report

Beachline Expressway



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LEGEND

- CFX Mainline Toll Plaza
- Non-System Mainline Toll Plaza
- Existing CFX System (SR 528)
- Future CFX System
- Mile Post



3.1.6 SR 528 (Beachline Expressway)

Table 3-7 summarizes the findings for SR 528. Roadway, Buildings and Bridges are further discussed in the following paragraphs.

Table 3-7: SR 528 Summary of Findings

Feature		Rating ⁽¹⁾	Description ⁽²⁾	Most Common Deficient Features ⁽³⁾
Roadways	Roadway / Pavement	7.8	Good	N/A
	Roadside	7.7	Good	N/A
	Traffic Services	7.9	Good	N/A
	Drainage	7.7	Good	N/A
	Vegetation / Aesthetics	7.8	Good	N/A
Buildings		7.8	Good	Ceilings
Bridges ⁽⁴⁾		1, 2 & 3	Good	2 bridges identified

Notes:

1. The rating is the average rating of all inspected features for each category.
2. The description is based on the average rating rounded to the nearest whole value.
3. For Roadways and Buildings, features that are considered deficient are those rated 3 or below.
4. As reported for the Florida Transportation Commission (FTC) performance measures, 99.3% of the bridges on CFX's System are rated excellent (1) or good (2). Work order recommendations were issued for 2 bridges along SR 528. No load or weight restrictions have been imposed that would constrain the use of any bridge on SR 528.

Roadway

The inspection of the roadway and its appurtenances for SR 528 starts before MP 9 (near McCoy Road / Boggy Creek Road) and extends east to SR 520. A map showing SR 528 and its mile posts can be found in Figure 3-7.

It should be noted that at the time the 2015 inspection was performed, the SR 528 Airport Mainline Demolition and Ramp Construction Project (Project 528-405) was underway, and the following portions of SR 528 were under construction:

- SR 528 Eastbound Mainline from MP 8.5 to 10
- SR 528 Westbound Mainline from MP 8.5 to 11

- SR 528 / Boggy Creek Road / McCoy Road Eastbound On Ramp
- SR 528 / Boggy Creek Road / McCoy Road Westbound Off Ramp
- SR 528 Eastbound Off Ramp to Airport
- SR 528 Westbound Off Ramp to Southbound SR 436
- SR 528 / Tradeport Drive Eastbound On and Off Ramps
- SR 528 / Tradeport Drive Westbound On and Off Ramp

The portions under construction were not inspected and are shown on the Inspection Worksheets with a rating of 0.

For SR 528, specific deficiencies and locations of all roadway features are shown in the Roadway Inspection Worksheets included on the CD attached to the back of this report.

Roadway/Pavement

Roadway/Pavement features on SR 528 are in good condition with one deficiency noted. A rating of 1 was given to a pothole on Westbound SR 528 MP 21.

Ratings of 4 were most commonly assigned to pavement cracking. Class III cracking was the noted mostly on SR 528 between Tradeport Drive and Goldenrod Road. These locations were also identified in CFX's Pavement Management System Needs Analysis and have been included in the Five Year Work Plan (FY 16-20) for repair. The SR 528 Airport Mainline Plaza Demolition and Ramp Reconstruction (Project 528-405) is currently under construction and includes widening and milling and resurfacing of existing lanes. The SR 408 Milling and Resurfacing from SR 436 to Goldenrod Road is anticipated to start construction in FY 2017. If other specific locations require attention prior to the programmed projects, they can be addressed with the miscellaneous resurfacing projects, also included in the Work Plan.

Maintenance is recommended for the 20 out of a total of 683 Roadway/Pavement features inspected on SR 528 that received a rating of 4 in order to prevent them from becoming deficient. Other than the one deficiency mentioned above, no other Roadway/Pavement features received a rating lower than 4.

Roadside

Roadside features along SR 528 are in good condition with no deficiencies to report.

Maintenance is advised for the few soil shoulder and front slope features that received a rating of 4, as it will prevent the features from becoming deficient.

For SR 528, 7 of the total 271 inspected Roadside features received a rating of 4. No Roadside features received a rating lower than 4.

Traffic Services

Traffic Service features on SR 528 are in good condition with no identified deficiencies.

Maintenance is proposed for object markers, information signs, and a barrier wall that were rated as 4.

14 out of the total 709 inspected Traffic Services features on SR 528 received a rating of 4, and maintenance is suggested to protect the features. No Traffic Services features on SR 528 were rated lower than 4.

Maintenance is also recommended for the non-working sign and highway lighting that were identified during the night inspection.

Drainage

Drainage features along SR 528 are in good condition with no noted deficiencies.

The features that were most commonly rated as 4 were related to roadside ditches where vegetation is overgrown. Maintenance is recommended to protect the features.

Out of a total of 461 inspected Drainage features on SR 528, 9 received a rating of 4. No Drainage features received a rating lower than 4.

Vegetation/Aesthetics

Vegetation/Aesthetics features for SR 528 are in good condition with no documented deficiencies.

Roadway mowing is suggested in some areas to control vegetation height at a few isolated locations.

For SR 528, maintenance is advised for the 4 out of a total of 458 inspected Vegetation/Aesthetics features that were rated at 4. No Vegetation/Aesthetics features received a rating lower than 4.

Buildings

Buildings along SR 528 are generally in good condition. One deficiency with a rating of 3 was reported at the Dallas Mainline Toll Plaza related to a leak in the ceiling.

The most common rating of 4 on the building / facilities along SR 528 were related to receptacles. Maintenance is recommended to protect the features.

Individual summaries of building conditions along SR 528 are indicated in the Building Inspection Worksheets on the CD included attached to this document.

Bridges

The latest bridge inspection reports for the bridges along SR 528 are available for review upon request to CFX.

The latest bridge inspection reports identified deficiencies and included work order recommendations for the following bridges:

- Bridge # 750315, SR 436 southbound over Ramp M on SR 528
- Bridge # 750316, SR 436 southbound over SR 528

The SR 528/SR 436 Bridge Deck Replacement project is included in the current Five Year Work Plan (FY 16-20) and addresses these reported deficiencies. A design consultant has been selected and construction is anticipate to begin in FY 2017.

No load limits or weight restrictions have been imposed that would constrain the use of any bridge on SR 528.

3.2 Critical Items Summary

Items that received a rating of 1 during the inspection are considered in need of emergency repair, and require immediate maintenance to protect the public or the system. Critical items rated at 1 were immediately reported to CFX's maintenance staff, where the item was routed appropriately and resolved. The following sheets contain the identified critical features, location, condition, and the resolution by CFX's maintenance staff.

Critical Item Alerts

Central Florida Expressway
2015 Annual Inspection
Critical Roadway Item Alert
Soil shoulder

Roadway: SR 408 WB

Item Location: WB - MP 17.945

Date Reported: 08/20/2015

Atkins Contact: Maldonado

Inspector: Franklin

Description: Soil shoulder erosion 30" deep has undermined guardrail asphalt and encroaching into paved shoulder. 12" of paved shoulder has been undermined



Photo 1 – Soil & Paved Shoulder



Photo 2 – Soil & Paved Shoulder

SR 408 WB MP 17.945
Repaired Condition



Central Florida Expressway
2015 Annual Inspection
Critical Facility Item Alert
Water Intusion -Electrical

Roadway: SR 414 WB

Item Location: Coral Hills Mainline

Date Reported: 11/9/2015

Atkins Contact: Maldonado

Inspector: Franklin

Description: Water dripping from UPS Shutoff switch n Recorder Room.



Photo 1 – UPS Shut off switch



Photo 2 – Water dripping off UPS Shut off switch.

From: Davis, Bob <bob.davis@transcore.com>
Sent: Tuesday, November 10, 2015 12:27 PM
To: Robert Glasemann
Cc: Franklin, Steve W; binman@ica-onramp.com; Joseph Berenis; Lewis, Christopher; Grindrod, Michael
Subject: RE: Critical Item Alert - Coral Hills Mainline
Attachments: IMG_2678.jpg; IMG_2679.jpg

Robert,

The likely cause appears to be condensation. Attached two pictures. The room temperature was set at 59 degrees. The box and switch and possibly cable will need replacing.

Bob

Robert Davis | Project Manager
TransCore | 2416 Lake Orange Dr #100 | Orlando, FL 32837
Office: 321.281.4050 | Cell: 407.509.6714

From: Robert Glasemann [mailto:Robert.Glasemann@CFXWay.com]
Sent: Monday, November 09, 2015 2:03 PM
To: Davis, Bob
Cc: Franklin, Steve W (Steve.Franklin@atkinsglobal.com); Bill Inman (binman@ica-onramp.com); Joseph Berenis
Subject: FW: Critical Item Alert - Coral Hills Mainline

Good afternoon Bob,

Attached is a problem at Coral hills. I have sent a RUSH to check out to ICA. I want to let you know also. I think this may be yours.

Let me know,
Thanks
Robert

From: Franklin, Steve W [mailto:Steve.Franklin@atkinsglobal.com]
Sent: Monday, November 09, 2015 1:14 PM
To: Robert Glasemann <Robert.Glasemann@CFXWay.com>
Cc: Maldonado, Jeanette <Jeanette.Maldonado@atkinsglobal.com>
Subject: Critical Item Alert - Coral Hills Mainline

Robert,

Please see attached.

Steve Franklin
Senior Estimator - Scheduler
Construction Services

ATKINS

482 South Keller Road, Orlando, FL, 32810 | Tel: +1 (407) 806 4209 | Fax: +1 (407) 806 4500 | Cell: +1 (407) 467 6497
Email: steve.franklin@atkinsglobal.com | Web: www.atkinsglobal.com www.atkinsglobal.com/northamerica

Central Florida Expressway
2015 Annual Inspection
Critical Roadway Item Alert
Soil Shoulder

Roadway: SR 417 NB
Item Location: JYP NB Off ramp - .154 from
beg of ramp
Date Reported: 08/6/2015

FTE Contact: Maldonado
Inspector: Franklin

Description: 10' x 15' x 48" Erosion hole and loss of soil shoulder adjacent type S shoulder inlet. Gutter has been undermined.



Photo 1 – Soil Shoulder Erosion



Photo 2 - Soil Shoulder Erosion

SR 417 NB Off Ramp to JYP
Repaired Condition



Central Florida Expressway
2015 Annual Inspection
Critical Roadway Item Alert
Pothole

Roadway: SR 417 NB

Item Location: MP 13.715

Date Reported: 08/05/2015

Atkins Contact: Maldonado

Inspector: Franklin

Description: 30" x 6" x 2" Pothole in wheel path of right lane. Friction course missing sub base exposed.



Photo 1 – Pothole



Photo 2 – Pothole - Subbase exposed

SR 417 NB MP 13.715
Repaired Condition



Central Florida Expressway
2015 Annual Inspection
Critical Roadway Item Alert
Soil Shoulder

Roadway: SR 417 NB
SR 417 NB to EB SR 528
Item Location: ramp (.313-.488 from beg of
ramp)
Date Reported: 08/10/2015

Atkins Contact: Maldonado
Inspector: Franklin

Description: Soil shoulder erosion > 36" in several locations (loss of guardrail asphalt and side slopes)



Photo 1 & 2– Soil Shoulder Erosion



Photo 3 & 4 - Soil Shoulder Erosion

SR 417 NB to EB SR 528
Repaired Condition



Central Florida Expressway
2015 Annual Inspection
Critical Roadway Item Alert
Pothole

Roadway: SR 417 SB

Item Location: Curry Ford SB On ramp

Date Reported: 08/06/2015

Atkins Contact: Maldonado

Inspector: Franklin

Description: 36" x 12" x 4" Pothole at edge line at beginning of ramp.



Photo 1 – Pothole



Photo 2 – Pothole

SR 417 / Curry Ford SB On Ramp
Repaired Condition



Central Florida Expressway
2015 Annual Inspection
Critical Roadway Item Alert
Soil Shoulder

Roadway: SR 417 NB

Item Location: NB MP 34.935

Date Reported: 08/7/2015

FTE Contact: Maldonado

Inspector: Franklin

Description: 4' x 15' x 36" Erosion hole and loss of soil shoulder adjacent type S shoulder inlet.



Photo 1 – Soil Shoulder Erosion



Photo 2 & 3 -Soil Shoulder Erosion

SR 417 NB MP 34.935
Repaired Condition



Central Florida Expressway
2015 Annual Inspection
Critical Roadway Item Alert
Soil Shoulder

Roadway: SR 417 SB
Item Location: Univ SB On ramp from EB Univ.
Date Reported: 08/7/2015

Atkins Contact: Maldonado
Inspector: Franklin

Description: Soil shoulder erosion adjacent travel lane of ramp presents a 24"- 30" drop from edge of pavement.



Photo 1 – Soil Shoulder Erosion



Photo 2 - Soil Shoulder Erosion

**SR 417 SB On Ramp from EB University
Repaired Condition**



Central Florida Expressway
2015 Annual Inspection
Critical Roadway Item Alert
Soil Shoulder

Roadway: SR 429 NB
Item Location: SR 429 NB Off Plant /
Franklin ramp
Date Reported: 08/14/2015

Atkins Contact: Maldonado
Inspector: Franklin

Description: Severe Soil shoulder erosion > 48" Paved shoulder has been undermined.



Photo 1 – Soil Shoulder Erosion



Photo 2 - Soil Shoulder Erosion

SR 429 NB Off Ramp to Plant / Franklin
Repaired Condition



Central Florida Expressway
2015 Annual Inspection
Critical Facility Item Alert
Water Intrusion

Roadway: SR 528 WB

Item Location: Dallas Blvd Mainline

Date Reported: 11/4/2015

Atkins Contact: Maldonado

Inspector: Franklin

Description: Water intrusion coming from roof in hallway adjacent Storage Room 118. Also, intrusion occurs during periods of heavy rain under all windows on south face of bldg (supervisor's office, manager's office and break room). Water puddles on window sills and overflows onto drywall surface.



Photo 1 – Water intrusion in Hallway



Photo 2 – Drywall damage from water intrusion (Supervisors office)

From: Robert Glasemann <Robert.Glasemann@CFXWay.com>
Sent: Thursday, November 05, 2015 5:38 AM
To: Franklin, Steve W
Cc: Maldonado, Jeanette; Bill Inman (binman@ica-onramp.com)
Subject: RE: Critical Item Alert - Dallas Blvd Mainline

Morning Steve,

Warranty has gone out to Soprema, this morning. Bill will check the dry wall and if possible seal under problem windows.

See you later
Robert

From: Franklin, Steve W [mailto:Steve.Franklin@atkinsglobal.com]
Sent: Wednesday, November 04, 2015 10:56 AM
To: Robert Glasemann <Robert.Glasemann@CFXWay.com>
Cc: Maldonado, Jeanette <Jeanette.Maldonado@atkinsglobal.com>
Subject: Critical Item Alert - Dallas Blvd Mainline

Robert,

Please see attached.

Steve Franklin
Senior Estimator - Scheduler
Construction Services

ATKINS

482 South Keller Road, Orlando, FL, 32810 | Tel: +1 (407) 806 4209 | Fax: +1 (407) 806 4500 | Cell: +1 (407) 467 6497
Email: steve.franklin@atkinsglobal.com | Web: www.atkinsglobal.com www.atkinsglobal.com/northamerica

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Central Florida Expressway
2015 Annual Inspection
Critical Roadway Item Alert
Pothole

Roadway: SR 528 WB
Item Location: WB - MP 21.046 Adjacent
Bridge no. 750056
Date Reported: 08/20/2015

Atkins Contact: Maldonado
Inspector: Franklin

Description: Pothole repair has reopened (rebar exposed). 14" x 12" x 3" pothole in wheel path adjacent east approach ribbon to bridge no. 750056.



Photo 1 – Pothole

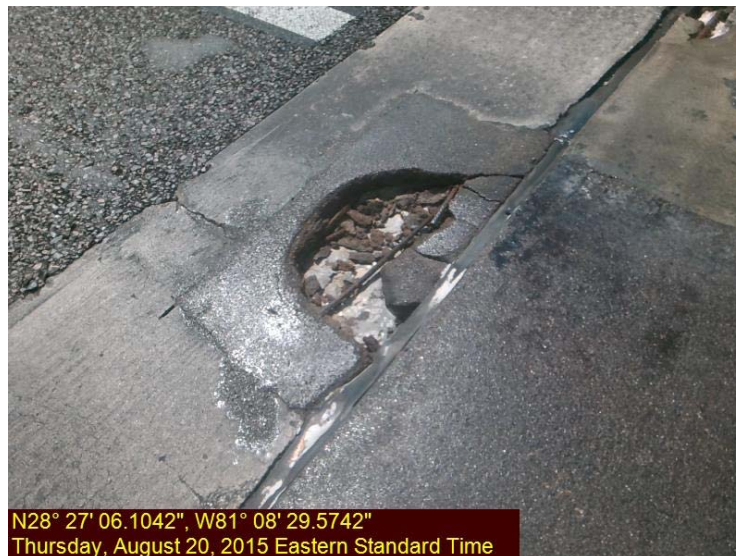


Photo 2 – Pothole

SR 528 WB MP 21.046
Repaired Condition



Instructions for Viewing CD

1. Insert disk into a computer CD-drive.
2. If CD does not automatically open, go to 'My Computer,' find your CD-drive and click on it to view the contents of the CD.
3. Select any one of the following CFX items:
 - a. 2015 Annual Inspection Report.pdf (Electronic copy of this report)
 - Navigate by going from page to page or use the Bookmarks tab on the left to see specific sections. You may also click on the Table of Contents to navigate to the desired section.
 - b. 2015 Roadway Inspection Worksheets
 - Roadway Inspection Reports are listed by SR, then by Eastbound/Westbound and Northbound/Southbound directions, and by Ramps.
 - The ramps are further organized by alphabetical order.
 - c. 2015 Building_Facilities Inspection Worksheets
 - Building_Facilities Inspection Reports are listed by Roadway, then alphabetically by Plaza Name
 - Ramp Plazas are further broken down by the following:
 - a. Apron
 - b. Canopy
 - c. Combination Building
 - d. Island
 - Mainline Plazas are further broken down by the following:
 - a. Administration Building (further broken down into rooms/areas)
 - b. Apron
 - c. Canopy
 - d. Islands (include Booths)
 - d. Photos
 - Photos are divided into folders that are listed by Roadway and Plaza Name.
 - Photos are then named by location (i.e. Canopy, Apron, Combo Bldg).
 - Extra photos for each location have been placed in a "Misc" folder.



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