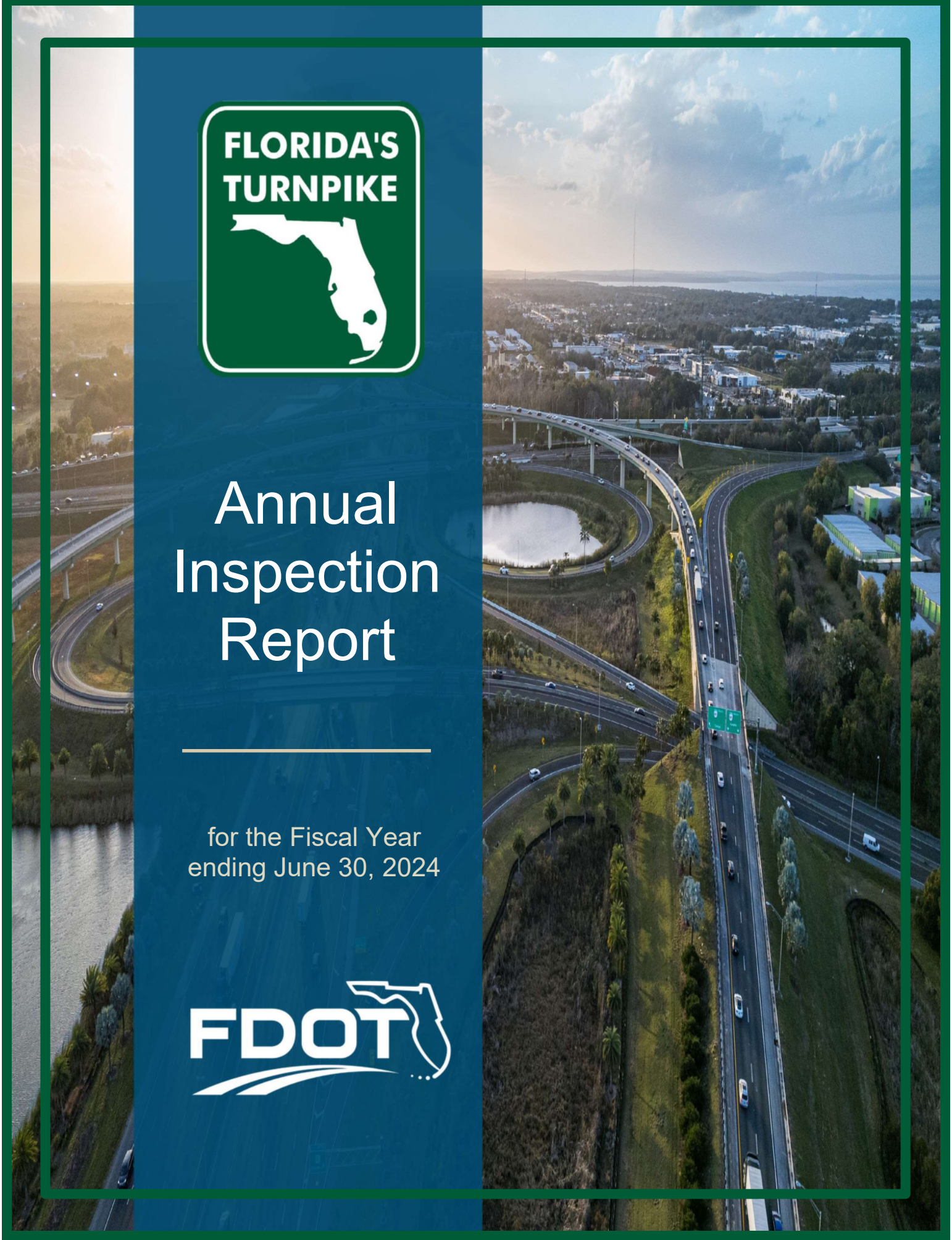

Annual Inspection Report

for the Fiscal Year
ending June 30, 2024

FDOT

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List of Acronyms and Abbreviations

AET	All-Electronic Tolling
EDR	Enterprise Data Repository
FDOT	Florida Department of Transportation
FHWA	Federal Highway Administration
Enterprise	Florida's Turnpike Enterprise
FHP	Florida Highway Patrol
FY	Fiscal Year
GASB	Governmental Accounting Standards Board
GFCI	Ground Fault Circuit Interrupter
GPS	Global Positioning System
HMLT	High Mast Light Tower
LNQC	Large Non-Qualifying Culvert
MRP	Maintenance Rating Program
NBIS	National Bridge Inspection Standards
PCS	Pavement Condition Survey
RRP	Roadway Rating Procedure
SMO	State Materials Office
System	Florida's Turnpike System

Executive Summary

As General Engineering Consultants to Florida's Turnpike Enterprise (Enterprise), AtkinsRéalis and HNTB are pleased to submit the annual asset condition inspection report of the Florida's Turnpike System (System) for the fiscal year (FY) ending June 30, 2024.

As required by Article V, Section 5.13 of the Turnpike Enterprise Bond Authorizing Resolution, this report presents an independent analysis of inspection findings regarding status of the System. Programmed maintenance funding level commitments through FY 2028 and recommendations are also included in this report.

The FY 2024 inspection results indicate that the Enterprise's commitment to a systematic and comprehensive asset maintenance program continues to be a successful approach to ensuring that its facilities are maintained in a sound and safe condition for its customers and as a secure investment for bondholders. The overall condition of the System is good.

Roadway and building facility rating scales used to grade the System condition are shown in **Tables 4 and 5** of this report. **Tables 13 and 14** show the roadway and building facility characteristics inspected to develop condition ratings.

The System's primary feature, 515 centerline miles of roadway, is inspected on an annual basis. The roadway was found to be in overall good condition with no characteristic greater than 1.39 percent unsatisfactory.

System building facilities are also inspected on an annual basis and all were determined to be in overall good condition in FY 2024. Most unsatisfactory characteristic findings are cosmetic in nature and none appear to pose structural concerns.

System bridges, high mast light towers, and overhead signs are inspected every two years with half of the total number of each inspected every year. Large non-qualifying culverts (LNQC) are inspected every six years with one sixth of the total number of LNQCs inspected every year. Engineering consultants contracted to the Florida Department of Transportation (FDOT) reported that these structures inspected in FY 2024 are in overall good condition.

The Enterprise programmed $96.56 million for periodic and routine maintenance in FY 2024. These funds are used for maintenance of all highway and structure assets, routine building maintenance, roof replacement and restoration, building renovation, building demolition, drainage improvements, and safety related upgrades. As a part of its Renewal and Replacement Program, the Enterprise programmed $114.40 million in FY 2024 for roadway resurfacing; roadway, bridge, and facility construction; toll equipment enhancement; and bridge repairs.

Based on prioritization of specific unsatisfactory characteristics identified by the Enterprise Maintenance Office and coordination of funding-related issues with the Finance Office, recommendations are made for the initiation of conceptual studies and for funding future improvement projects.

1. Introduction

1.1 Purpose

The Enterprise is required by Article V, Section 5.13 of the Turnpike Enterprise Bond Authorizing Resolution and Statement 34 of the Governmental Accounting Standards Board (GASB) to perform an independent condition analysis of all System assets. The Enterprise's General Engineering Consultants, AtkinsRéalis and HNTB, perform a comprehensive annual inspection of all roadways (not including mainline travel way pavement), ramps, and building facilities. Inspection finding updates are provided to the Enterprise Facilities and Roadway Maintenance departments every 30 business days during the inspection cycle to assist in determining maintenance needs.

1.2 General Description and Inspection Procedure

The System is comprised of limited-access, multi-lane roadway and buildings for administration, maintenance, operations, and toll collection. System components included in the FY 2024 inspection cycle are 515 roadway centerline miles, 316 buildings at 253 building facility locations, and 788 bridges. Bridge inspection reports are not included in this report based on FDOT policy regarding disclosure of structure details. **Table 1** below shows the System's mainline roadway segments used by the Consultant to create asset inspection zones.

Table 1: System Segments

Segment	Length (centerline miles)
Florida's Turnpike – SR 91 & SR 408 to SR 91 Ramps	265
Florida's Turnpike – SR 821	47
Sawgrass Expressway – SR 869	23
Beachline West Expressway – SR 528	8
Beachline East Expressway – SR 528 & SR 407	22
Seminole Expressway – SR 417	18
Veterans Expressway – SR 589	15
I-4 Connector (ramps)	1
Southern Connector Extension – SR 417	6
Polk Parkway – SR 570	25
Suncoast Parkway – SR 589 (includes Veterans Expressway Spur SR 568)	55
Western Beltway – SR 429 (1 mi ramp not included)	11
First Coast Expressway – SR 23	15
Garcon Point Bridge – SR 281	4
Total	**515**

1.2.1 Inspection Zones

The Consultant team established geographic zones to describe the primary System components relative to all regions of the state. The roadway and structure inspections are based on five zones and the building facility inspections are based on ten zones. The System components, or portions thereof, included in each of the inspection zones are described in **Table 2** and illustrated in **Appendix A: Maps of System Components and Inspection Zones.**

Table 2: Maintenance Inspection Zones

Roadways and Structures	
Zone I	Florida's Turnpike – Milepost 0X through 100 – SR 91
	Florida's Turnpike – SR 821
	Sawgrass Expressway – SR 869
Zone II	Florida's Turnpike – Milepost 100 through 200 – SR 91
Zone III	Florida's Turnpike – Milepost 200 through 309 – SR 91
	Beachline West Expressway – SR 528
	Beachline East Expressway – SR 528
	Challenger Memorial Parkway – SR 407
	Florida's Turnpike Connection to East-West Expressway – SR 408
	Southern Connector Extension – SR 417
	Seminole Expressway – SR 417
	Western Beltway – SR 429
Zone IV	Veteran's Expressway – SR 589 Spur SR 569
	Polk Parkway – SR 570
	Suncoast Parkway – SR 589
Zone V	First Coast Expressway – SR 23
	Garcon Point Bridge SR 281
Building Facilities and Communications	
Florida's Turnpike – South	Florida's Turnpike – SR 821
	Florida's Turnpike – Milepost 0X – MP 88
	Sawgrass Expressway – SR 869
Florida's Turnpike – Central	Florida's Turnpike – Milepost 88 through 236 – SR 91
Florida's Turnpike – North	Florida's Turnpike – Milepost 236 through 309 – SR 91
	Beachline West Expressway – SR 528
	Beachline East Expressway – SR 528
	Southern Connector Extension – SR 417
	Western Beltway – SR 429
Seminole	Seminole Expressway – SR 417
I-4 Crosstown Connector	I-4 Connector NB/SB Gantry Structure
Veterans	Veterans Expressway – SR 568
Polk	Polk Parkway – SR 570
Suncoast	Suncoast Parkway – SR 589
First Coast	First Coast Expressway – SR 23
Panhandle	Garcon Point Facility – SR 281

1.2.2 Inspection Categories

To efficiently inspect the System, all assets have been placed into three major categories: roadways, building facilities, and structures. **Table 3** summarizes the three inspection categories by listing the five general elements for roadways, the 15 general elements for buildings, and the four general elements for structures.

Table 3: Inspection Categories and Elements

Category	Element
Roadway	Drainage
	Roadside
	Roadway
	Traffic Services
	Vegetation - Aesthetics
Building	Architecture
	Booths
	Building Electrical
	Building HVAC
	Canopy
	Communications, Fire Alarm, Monitoring Devices
	Concrete Pavement & Sidewalks
	Domestic Plumbing
	Gantry
	Islands
	Plaza Concrete Aprons
	Sewer/Septic Tanks, Lift Stations & Wells
	Site Grounds
	Stand-By Power
	Structural
Structure	Bridges
	High Mast Light Towers
	Large Non-Qualifying Culverts
	Overhead Sign Structures

1.2.3 Roadway Rating Procedure

The Enterprise and AtkinsRéalis developed the Roadway Rating Procedure (RRP) to assess roadway assets. The RRP was developed based on principles of the FDOT Maintenance Rating Program Handbook, FDOT State Materials Office requirements, and the FDOT Standard Plans as baseline criteria for rating the condition of roadway assets. The RRP employs a 10-point grading scale and is not intended to mimic or compare itself to the Maintenance Rating Program (MRP) process. The RRP expands on the 35 MRP characteristics to include concrete barrier, rip rap, and rutting, stripping, and cracking in asphalt ramp pavement locations.

Each roadway characteristic graded four or lower on this scale is compared to the total number of that particular asset within the System and is then expressed in this report as that characteristic's overall unsatisfactory percentage. A grade of four is the threshold for classifying a characteristic as unsatisfactory as the asset has been deemed deficient in appearance, functionality, or operability. Percentages of each characteristic graded four or lower are shown on **Tables 8 through 13** in this report.

Table 4 below provides a description of ratings used by the RRP and **Figure 1** illustrates a sampling of the 40 roadway characteristics.

Table 4: Roadway Inspection Rating Scale

Grade	Rating	Description
10	Excellent	Characteristic appearance and functionality/operability are in like-new condition.
9 - 8	Good	Characteristic appearance and functionality/operability are in acceptable condition or above average condition.
7 - 5	Degraded	Characteristic appearance and functionality/operability are below average.
4 - 2	Unsatisfactory	Characteristic appearance and functionality/operability are unsatisfactory.
1	Emergency	Characteristic appearance and functionality/operability are far below average, and immediate attention appears necessary to protect public or system asset.

Figure 1: System Sample Characteristics

1.2.4 Roadway Inspections

The inspection team performs a visual inspection of 40 characteristics within the right-of-way limits on the mainline. Mainline travel way pavement is not included as part of this inspection to RRP criteria; however, ramp pavement is inspected to RRP criteria. Mainline travel way pavement maintenance is managed under the Pavement Condition Survey (PCS) program and inspection findings are included in the annual FDOT State Materials Office PCS report.

Based on the RRP, mainline roadway elements are visually inspected and documented in one-mile increments. Roadway mainline inspections include all characteristics outside of the travel way pavement such as paved and unpaved shoulders, fencing, guardrail, etc. Pavement, and all 40 roadway characteristics, are visually inspected for the full length of all entry and exit ramps within the System. Roadway and ramp characteristics are assigned a grade based on the RRP 10-point scale.

Active construction zones, identified by beginning and ending mileposts, are recorded during inspections and the characteristics for these areas are not inspected or used in developing ratings in this report.

Additional details are provided in **Appendix B: Inspection Rating Procedures for Roadways, Structures, and Buildings.**

1.2.5 Building Facility Inspections

Building facilities are inspected annually using 101 possible characteristics which are rated on a 10-point scale that was developed by the Enterprise and AtkinsRéalis. As part of the inspection process, all relevant characteristics are visually inspected, and ratings are assigned based on the conditions observed.

Table 5 below shows the building facility inspection rating scale.

Table 5: Building Facility Inspection Rating Scale

Grade	Rating	Description
10	Excellent	No action necessary.
9	Very Good	No unsatisfactory characteristics noted.
8	Good	Some minor unsatisfactory characteristics notes: minor maintenance may be required.
7	Satisfactory	Characteristic shows some minor deterioration; maintenance may be required.
6	Fair	Characteristic is sound but may have minor loss of function; minor rehabilitation may be required.
5	Degraded	Characteristic shows partial function loss; rehabilitation may be required.
4	Serious	Loss of function has seriously affected this characteristic; repair or rehabilitation is required soon to maintain functionality.
3	Critical	Advanced loss of function is present and may be necessary to stop the function until corrective action can be taken.
2	Imminent Failure	Characteristic is not functioning, immediate corrective action may forestall the complete failure.
1	Failed	The characteristic is out of service and beyond corrective action

Building facility inspections are based on four building types:

1. Administration Buildings
2. Toll Collection Buildings
3. Communication Buildings
4. Miscellaneous Buildings

A total of 316 buildings within the ten geographic zones were inspected. **Table 6** below shows the number of each building type by maintenance zone. Additional details are provided in **Appendix B: Inspection Rating Procedures for Roadways, Structures, and Buildings**.

Table 6: Building Facility Quantities

Building	Inspection Zones										
Type	Florida's Turnpike -South	Florida's Turnpike -Central	Florida's Turnpike -North	Seminole Expressway	I-4 Crosstown Conn.	Veterans	Polk	Suncoast	First Coast Expressway	Garcon Point	Totals
Adminstration Buildings	28	12	17	2	0	1	4	4	0	1	**69**
Toll Collection Buildings	71	12	28	14	1	12	16	15	7	0	**176**
Communication Buildings	5	7	4	0	0	0	0	0	0	0	**16**
Miscelleanous Buildings	22	17	5	2	0	1	4	2	0	2	**55**
Totals	**126**	**48**	**54**	**18**	**1**	**14**	**24**	**21**	**7**	**3**	**316**

1.2.6 Structures Inspection

The FY 2024 structures inspection was divided into two consultant contracts through FDOT. Zone 1 and Zone 2 inspections are performed by Marlin Engineering, Inc. Zone 3, Zone 4 and Zone 5 inspections are performed by Kisinger Campo & Associates Corp.

Structure inspections are based on four types of major structures:

1. Bridges
2. Large non-qualifying culverts (LNQC)
3. High mast light towers (HMLT)
4. Overhead sign structures

Structure inspections are conducted utilizing standard procedures developed by the Federal Highway Administration (FHWA) and FDOT and involve an extensive visual examination of all characteristics relative to the element.

Bridge inspections are performed in accordance with the Federal National Bridge Inspection Standards (NBIS). Federal NBIS guidelines do not address HMLT's; however, at the direction of FDOT, the structure consultants utilize the same NBIS scale to rate the condition of HMLT's during each inspection cycle.

A detailed tabulation of the conditions observed on the date of the field inspection is prepared in the form of inspection worksheets.

The System includes 2,529 individual structures. **Table 7** below shows the total quantities of all structures with respect to each of the five maintenance zones. Additional details are provided in **Appendix B: Inspection Rating Procedures for Roadways, Structures, and Buildings.**

Table 7: Major Structure Quantities

Category	Zone I	Zone II	Zone III	Zone IV	Zone V	Owned but Maintained by Other Districts	Totals
Bridges	243	102	231	171	16	25	**788**
Large Non-Qualifying Culverts	27	97	80	29	11	0	**244**
High Mast Light Towers	115	17	79	102	0	0	**313**
Overhead Sign Structures	561	58	285	233	38	9	**1,184**
Totals	**946**	**274**	**675**	**535**	**65**	**34**	**2,529**

1.2.7 General Inspection Notes

All roadway and building facility inspections are performed using GPS-enabled computer tablets to record ratings and recommendations into an AtkinsRéalis-developed database as field inspections are performed; thus, reducing the possibility of data transposition errors. The database is maintained throughout the duration of the inspection cycle and is utilized to generate each inspection report. Inspection results are identified in the database worksheets by roadway/ramp segment and lane direction.

Due to the time duration between field inspection activities and publication of this report, certain characteristics identified in this report as requiring remedial action may have already been corrected through ongoing maintenance and construction activities.

If serious roadway and building facility conditions that demand immediate attention are encountered (characteristics graded as a "1"), the inspection team makes immediate contact with the appropriate Enterprise office upon discovery of the issue in the field.

During each inspection cycle, roadway and building facility inspection findings are periodically provided to the Enterprise for use in formulating general recommendations for system repair and improvement.

2. Rating Procedure Findings

The findings included in this report are based on an extensive evaluation of the roadway, building facilities, and structures inspection records prepared by the teams of independent engineering consultants identified previously in this report. This report reflects the condition of the characteristics at the time of inspection by summarizing the data included in the roadway, building facility, and structures inspection worksheets.

Complete listings of characteristics typically inspected in each of the three major categories of assets are included in **Appendix B: Inspection Rating Procedures for Roadways, Structures, and Buildings**.

2.1 Roadways

A rating of four or below on the field inspection worksheets indicates that the portion of the characteristic is in less than fair (unsatisfactory) condition. Roadway characteristic conditions found during the RRP inspection for each of the maintenance zones are summarized in **Tables 8 through 13**. Each unsatisfactory characteristic is discussed in **Section 3 Inspection Results**.

Table 8: Condition of Roadway Characteristics - Zone I (Turnpike Mainline (SR 91) - MP 0X-100, SR 821, SR 869)

Element	Characteristic	Quantity Inspected	Units	Quantity Rated Four or Below	Percent Rated Four or Below
Roadway	Cracking	81	Ramp Miles	0	0.00%
	Depression	295	Miles	0	0.00%
	Edge Ravel	295	Miles	0	0.00%
	Joint	1037	Each	0	0.00%
	Paved Shoulder	2,203	Miles	0	0.00%
	Pavement Void	81	Ramp Miles	0	0.00%
	Pothole	81	Ramp Miles	0	0.00%
	Rutting	81	Ramp Miles	0	0.00%
	Shoving	81	Ramp Miles	0	0.00%
	Stripping	81	Ramp Miles	0	0.00%
Roadside	Fence	172	Miles	0	0.00%
	Front Slope	295	Miles	0	0.00%
	Sidewalk	0	SF	0	0.00%
	Slope Protection	124315	SY	0	0.00%
	Soil Shoulder	295	Miles	0	0.00%
Traffic Services	Attenuator	126	Each	0	0.20%
	Barrier Wall	147	Miles	0	0.00%
	Guardrail	229	Miles	12	5.24%
	Highway Light	7,837	Each	0	0.00%
	Object Marker	6383	Each	80	1.25%
	Pavement Marker	146,447	Each	0	0.00%
	Pavement Symbol	315543	SF	0	0.00%
	Sign Light	7,365	Each	0	0.00%
	Signs Greater Than 30 SF	7481	Each	0	0.00%
	Signs Less Than 30 SF	3,203	Each	0	0.00%
	Striping	1182	Miles	3	0.25%
Drainage	Cross Drain	1,234	Each	0	0.00%
	Curb Inlet	3363	Each	1	0.03%
	Median Ditch	1	Miles	0	0.00%
	Misc. Inlet	195	Each	0	0.00%
	Outfall Ditch	16,961	Feet	0	0.00%
	Rip Rap	124819	SY	0	0.00%
	Roadside Ditch	23	Miles	0	0.00%
	Roadway Sweep	295	Miles	0	0.00%
Vegetation/ Aesthetics	Landscape	24	Acres	0	0.00%
	Litter Removal	295	Miles	0	0.00%
	Roadway Mowing	2,122	Acres	0	0.00%
	Slope Mowing	375	Acres	0	0.00%
	Tree Trim	295	Miles	0	0.00%
	Turf Condition	295	Miles	0	0.00%

Table 9: Condition of Roadway Characteristics - Zone II (Turnpike Mainline (SR 91) - MP 100-200)

Element	Characteristic	Quantity Inspected	Units	Quantity Rated Four or Below	Percent Rated Four or Below
Roadway	Cracking	15	Ramp Miles	0	0.00%
	Depression	218	Miles	0	0.00%
	Edge Ravel	218	Miles	0	0.00%
	Joint	526	Each	0	0.00%
	Paved Shoulder	1,357	Miles	0	0.00%
	Pavement Void	15	Ramp Miles	0	0.00%
	Pothole	15	Ramp Miles	0	0.00%
	Rutting	15	Ramp Miles	0	0.00%
	Shoving	15	Ramp Miles	0	0.00%
	Stripping	15	Ramp Miles	0	0.00%
Roadside	Fence	224	Miles	0	0.00%
	Front Slope	218	Miles	0	0.00%
	Sidewalk	0	SF	0	0.00%
	Slope Protection	12041	SY	0	0.00%
	Soil Shoulder	218	Miles	0	0.00%
Traffic Services	Attenuator	104	Each	0	0.20%
	Barrier Wall	87	Miles	0	0.00%
	Guardrail	174	Miles	0	0.00%
	Highway Light	1,895	Each	0	0.00%
	Object Marker	7767	Each	7	0.09%
	Pavement Marker	57,998	Each	0	0.00%
	Pavement Symbol	161154	SF	0	0.00%
	Sign Light	1,773	Each	0	0.00%
	Signs Greater Than 30 SF	3160	Each	0	0.00%
	Signs Less Than 30 SF	1,965	Each	0	0.00%
	Striping	800	Miles	0	0.00%
Drainage	Cross Drain	459	Each	0	0.00%
	Curb Inlet	1156	Each	0	0.00%
	Median Ditch	0	Miles	0	0.00%
	Misc. Inlet	47	Each	0	0.00%
	Outfall Ditch	24,616	Feet	0	0.00%
	Rip Rap	15411	SY	0	0.00%
	Roadside Ditch	4	Miles	0	0.00%
	Roadway Sweep	218	Miles	1	0.46%
Vegetation/ Aesthetics	Landscape	20	Acres	0	0.00%
	Litter Removal	218	Miles	0	0.00%
	Roadway Mowing	1,946	Acres	0	0.00%
	Slope Mowing	220	Acres	0	0.00%
	Tree Trim	218	Miles	0	0.00%
	Turf Condition	218	Miles	0	0.00%

Table 10: Condition of Roadway Characteristics - Zone III (Turnpike Mainline - MP 200-309, Beachline E&W, SR 407, SR 408, SR 417, SR 429)

Element	Characteristic	Quantity Inspected	Units	Quantity Rated Four or Below	Percent Rated Four or Below
Roadway	Cracking	65	Ramp Miles	0	0.00%
	Depression	408	Miles	0	0.00%
	Edge Ravel	408	Miles	0	0.00%
	Joint	943	Each	0	0.00%
	Paved Shoulder	2,849	Miles	0	0.00%
	Pavement Void	65	Ramp Miles	0	0.00%
	Pothole	65	Ramp Miles	0	0.00%
	Rutting	65	Ramp Miles	0	0.00%
	Shoving	65	Ramp Miles	0	0.00%
	Stripping	65	Ramp Miles	0	0.00%
Roadside	Fence	384	Miles	0	0.00%
	Front Slope	408	Miles	0	0.00%
	Sidewalk	0	SF	0	0.00%
	Slope Protection	52243	SY	0	0.00%
	Soil Shoulder	408	Miles	0	0.00%
Traffic Services	Attenuator	167	Each	1	0.20%
	Barrier Wall	66	Miles	0	0.00%
	Guardrail	374	Miles	0	0.00%
	Highway Light	6,140	Each	12	0.20%
	Object Marker	9132	Each	14	0.15%
	Pavement Marker	116,451	Each	0	0.00%
	Pavement Symbol	324519	SF	3	0.00%
	Sign Light	5,718	Each	0	0.00%
	Signs Greater Than 30 SF	7293	Each	3	0.04%
	Signs Less Than 30 SF	3,596	Each	3	0.08%
	Striping	1401	Miles	0	0.00%
Drainage	Cross Drain	1,499	Each	1	0.07%
	Curb Inlet	3342	Each	0	0.00%
	Median Ditch	3	Miles	0	0.00%
	Misc. Inlet	228	Each	8	3.51%
	Outfall Ditch	48,943	Feet	0	0.00%
	Rip Rap	53462	SY	0	0.00%
	Roadside Ditch	23	Miles	0	0.00%
	Roadway Sweep	408	Miles	0	0.00%
Vegetation/ Aesthetics	Landscape	117	Acres	0	0.00%
	Litter Removal	408	Miles	0	0.00%
	Roadway Mowing	3,131	Acres	1	0.03%
	Slope Mowing	507	Acres	2	0.39%
	Tree Trim	408	Miles	0	0.00%
	Turf Condition	408	Miles	0	0.00%

Table 11: Condition of Roadway Characteristics - Zone IV (Veterans Expressway, Polk Parkway & Suncoast Parkway)

Element	Characteristic	Quantity Inspected	Units	Quantity Rated Four or Below	Percent Rated Four or Below
Roadway	Cracking	42	Ramp Miles	0	0.00%
	Depression	235	Miles	0	0.00%
	Edge Ravel	235	Miles	0	0.00%
	Joint	642	Each	0	0.00%
	Paved Shoulder	1,809	Miles	0	0.00%
	Pavement Void	42	Ramp Miles	0	0.00%
	Pothole	42	Ramp Miles	0	0.00%
	Rutting	42	Ramp Miles	0	0.00%
	Shoving	42	Ramp Miles	0	0.00%
	Stripping	42	Ramp Miles	1	2.38%
Roadside	Fence	279	Miles	1	0.36%
	Front Slope	235	Miles	0	0.00%
	Sidewalk	30260	SF	0	0.00%
	Slope Protection	23590	SY	0	0.00%
	Soil Shoulder	235	Miles	0	0.00%
Traffic Services	Attenuator	113	Each	0	0.20%
	Barrier Wall	44	Miles	0	0.00%
	Guardrail	107	Miles	0	0.00%
	Highway Light	5,443	Each	0	0.00%
	Object Marker	21759	Each	2	0.01%
	Pavement Marker	80,541	Each	0	0.00%
	Pavement Symbol	368772	SF	2	0.00%
	Sign Light	5,140	Each	0	0.00%
	Signs Greater Than 30 SF	5674	Each	0	0.00%
	Signs Less Than 30 SF	2,449	Each	0	0.00%
	Striping	712	Miles	1	0.14%
Drainage	Cross Drain	1,446	Each	0	0.00%
	Curb Inlet	1942	Each	0	0.00%
	Median Ditch	4	Miles	0	0.00%
	Misc. Inlet	88	Each	0	0.00%
	Outfall Ditch	22,735	Feet	0	0.00%
	Rip Rap	35241	SY	0	0.00%
	Roadside Ditch	12	Miles	0	0.00%
	Roadway Sweep	235	Miles	0	0.00%
Vegetation/ Aesthetics	Landscape	30	Acres	0	0.00%
	Litter Removal	235	Miles	0	0.00%
	Roadway Mowing	2,360	Acres	0	0.00%
	Slope Mowing	410	Acres	0	0.00%
	Tree Trim	235	Miles	0	0.00%
	Turf Condition	235	Miles	0	0.00%

Table 12: Condition of Roadway Characteristics - Zone V (First Coast Expressway)

Element	Characteristic	Quantity Inspected	Units	Quantity Rated Four or Below	Percent Rated Four or Below
Roadway	Cracking	8	Ramp Miles	0	0.00%
	Depression	37	Miles	0	0.00%
	Edge Ravel	37	Miles	0	0.00%
	Joint	52	Each	0	0.00%
	Paved Shoulder	269	Miles	0	0.00%
	Pavement Void	8	Ramp Miles	0	0.00%
	Pothole	8	Ramp Miles	0	0.00%
	Rutting	8	Ramp Miles	0	0.00%
	Shoving	8	Ramp Miles	0	0.00%
	Stripping	8	Ramp Miles	0	0.00%
Roadside	Fence	42	Miles	0	0.00%
	Front Slope	37	Miles	0	0.00%
	Sidewalk	0	SF	0	0.00%
	Slope Protection	0	SY	0	0.00%
	Soil Shoulder	37	Miles	0	0.00%
Traffic Services	Attenuator	0	Each	0	0.20%
	Barrier Wall	1	Miles	0	0.00%
	Guardrail	7	Miles	0	0.00%
	Highway Light	927	Each	0	0.00%
	Object Marker	513	Each	0	0.00%
	Pavement Marker	11,810	Each	0	0.00%
	Pavement Symbol	40479	SF	0	0.00%
	Sign Light	842	Each	0	0.00%
	Signs Greater Than 30 SF	1038	Each	0	0.00%
	Signs Less Than 30 SF	364	Each	1	0.27%
	Striping	127	Miles	0	0.00%
Drainage	Cross Drain	257	Each	0	0.00%
	Curb Inlet	129	Each	0	0.00%
	Median Ditch	0	Miles	0	0.00%
	Misc. Inlet	18	Each	0	0.00%
	Outfall Ditch	6,383	Feet	0	0.00%
	Rip Rap	0	SY	0	0.00%
	Roadside Ditch	1	Miles	0	0.00%
	Roadway Sweep	37	Miles	0	0.00%
Vegetation/ Aesthetics	Landscape	470	Acres	0	0.00%
	Litter Removal	67	Miles	0	0.00%
	Roadway Mowing	1	Acres	0	0.00%
	Slope Mowing	37	Acres	0	0.00%
	Tree Trim	37	Miles	0	0.00%
	Turf Condition	37	Miles	0	0.00%

Table 13: Condition of Roadway Characteristics - Summary of All Zones

Element	Characteristic	Quantity Inspected	Units	Quantity Rated Four or Below	Percent Rated Four or Below
Roadway	Cracking	211	Ramp Miles	0	0.00%
	Depression	1193	Miles	0	0.00%
	Edge Ravel	1193	Miles	0	0.00%
	Joint	3200	Each	0	0.00%
	Paved Shoulder	8,487	Miles	0	0.00%
	Pavement Void	211	Ramp Miles	0	0.00%
	Pothole	211	Ramp Miles	0	0.00%
	Rutting	211	Ramp Miles	0	0.00%
	Shoving	211	Ramp Miles	0	0.00%
	Stripping	211	Ramp Miles	1	0.47%
Roadside	Fence	1101	Miles	2	0.18%
	Front Slope	1193	Miles	0	0.00%
	Sidewalk	30260	SF	0	0.00%
	Slope Protection	212189	SY	0	0.00%
	Soil Shoulder	1193	Miles	0	0.00%
Traffic Services	Attenuator	510	Each	1	0.20%
	Barrier Wall	345	Miles	0	0.00%
	Guardrail	891	Miles	12	1.35%
	Highway Light	22,242	Each	12	0.05%
	Object Marker	45554	Each	103	0.23%
	Pavement Marker	413,247	Each	0	0.00%
	Pavement Symbol	1210467	SF	5	0.00%
	Sign Light	20,838	Each	0	0.00%
	Signs Greater Than 30 SF	24646	Each	3	0.01%
	Signs Less Than 30 SF	11,577	Each	4	0.03%
	Striping	4222	Miles	4	0.09%
Drainage	Cross Drain	4,895	Each	1	0.02%
	Curb Inlet	9932	Each	1	0.01%
	Median Ditch	8	Miles	0	0.00%
	Misc. Inlet	576	Each	8	1.39%
	Outfall Ditch	119,638	Feet	0	0.00%
	Rip Rap	228933	SY	0	0.00%
	Roadside Ditch	63	Miles	0	0.00%
	Roadway Sweep	1193	Miles	1	0.08%
Vegetation/ Aesthetics	Landscape	661	Acres	0	0.00%
	Litter Removal	1223	Miles	0	0.00%
	Roadway Mowing	9,560	Acres	1	0.01%
	Slope Mowing	1549	Acres	2	0.13%
	Tree Trim	1193	Miles	0	0.00%
	Turf Condition	1193	Miles	0	0.00%

2.2 Buildings

2.2.1 Administration Buildings

Administration buildings serve as operational hubs for the few staffed toll plazas that remain. Administration buildings that haven't been demolished and are in areas where electronic tolling has been implemented are utilized for other purposes. The typical layout of administration buildings includes office areas, cash counting rooms, cash vaults, emergency stand-by generator rooms, restrooms and personnel break rooms.

Figure 2 below shows a typical administration building for staffed toll collection sites.

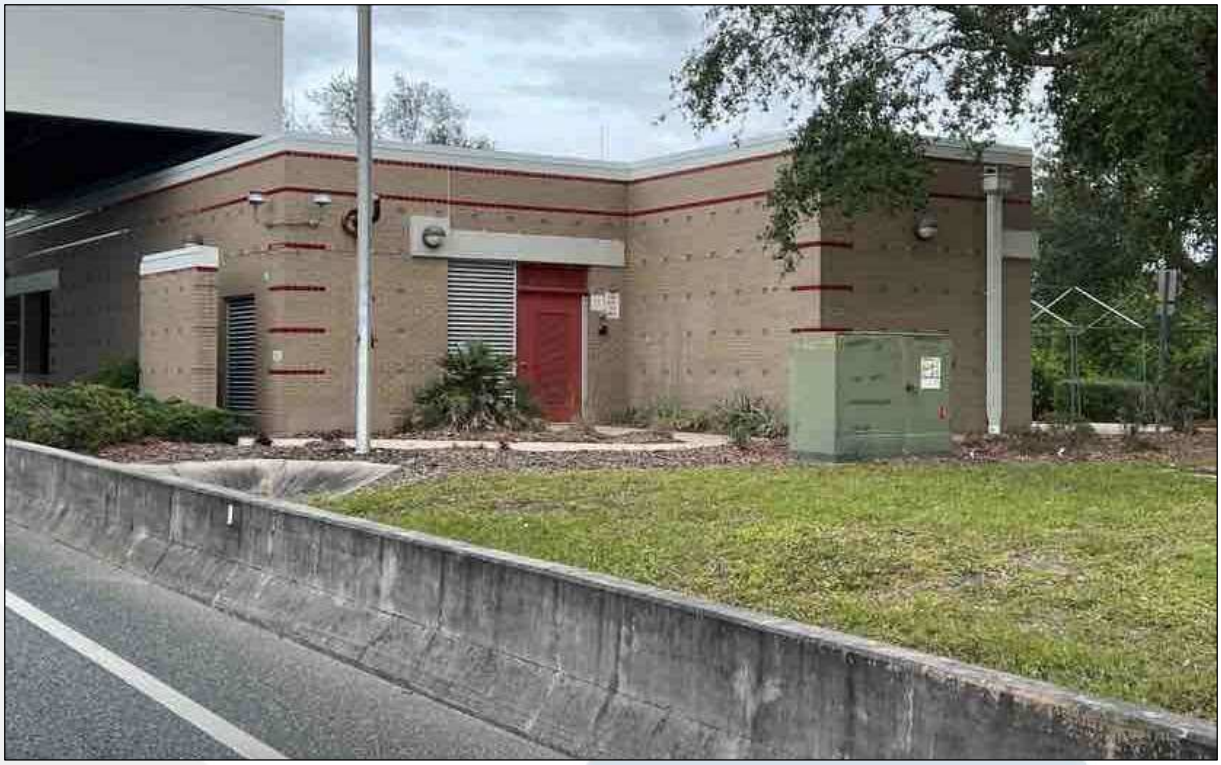


Figure 2: Toll Plaza (Non-AET)

2.2.2 Toll Collection Buildings

Toll collection buildings range from: mainline and entry/exit ramp AET equipment buildings (that control overhead gantry sensors for electronic toll collection); to a few remaining legacy ramp plazas where electronic toll collection has been added to augment existing automatic coin collection devices; to a very few remaining legacy ramp plazas that retain staff to accept cash collection directly from traveling customers and have not had electronic toll collection equipment added. The design varies widely between types of toll collection buildings, but all share key components for electronic toll collection.

An example of a typical entry ramp AET toll collection building, along with other AET site equipment is shown in **Figure 3** below.

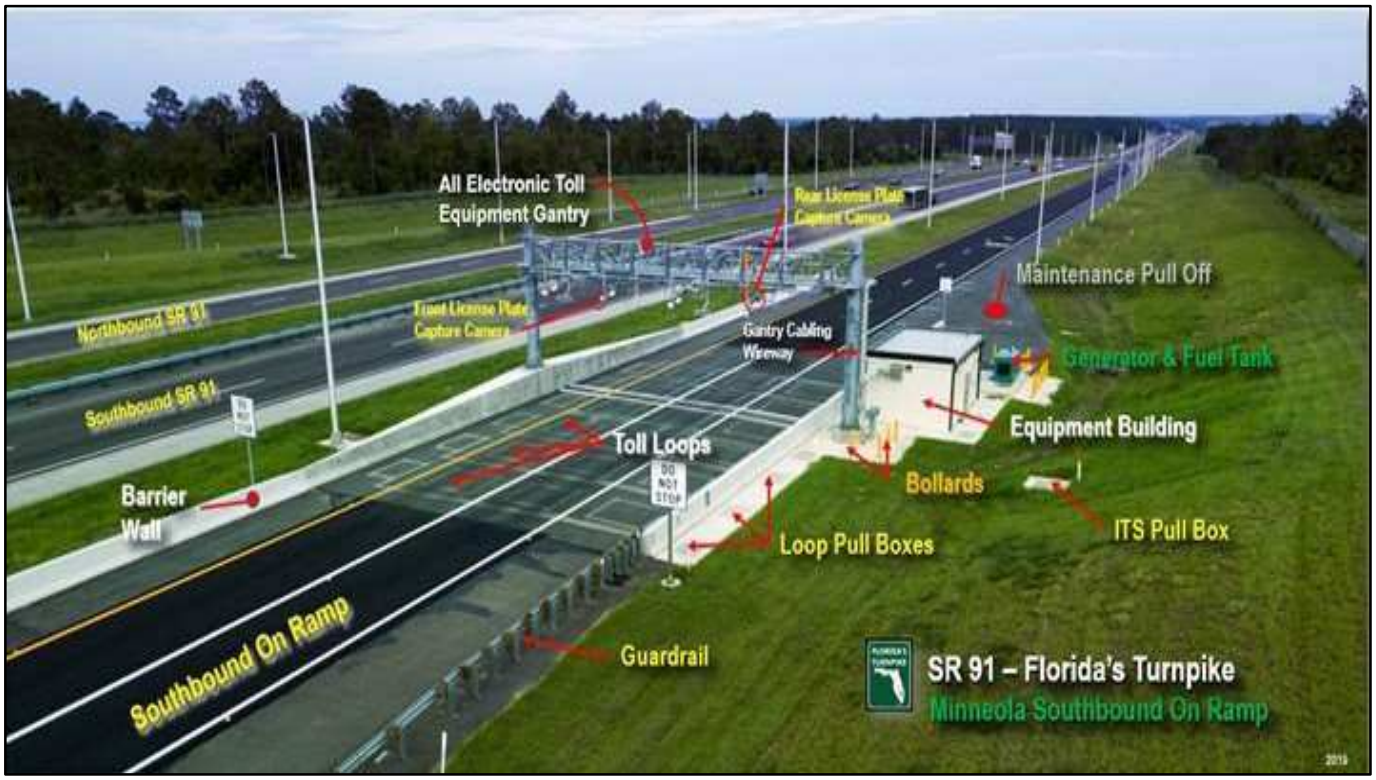


Figure 3: AET Toll Collection Point Elements

2.2.3 Communication Tower Buildings

Enterprise communication tower buildings are typically small structures constructed of concrete foundations and concrete block walls. These structures house the electronic circuitry and equipment that support the microwave radio communications system which is relied upon by the Enterprise Operations Office. **Figures 4 and 5** below provide an exterior example and an interior example respectively.

Figure 4: Delray Communications Building Exterior

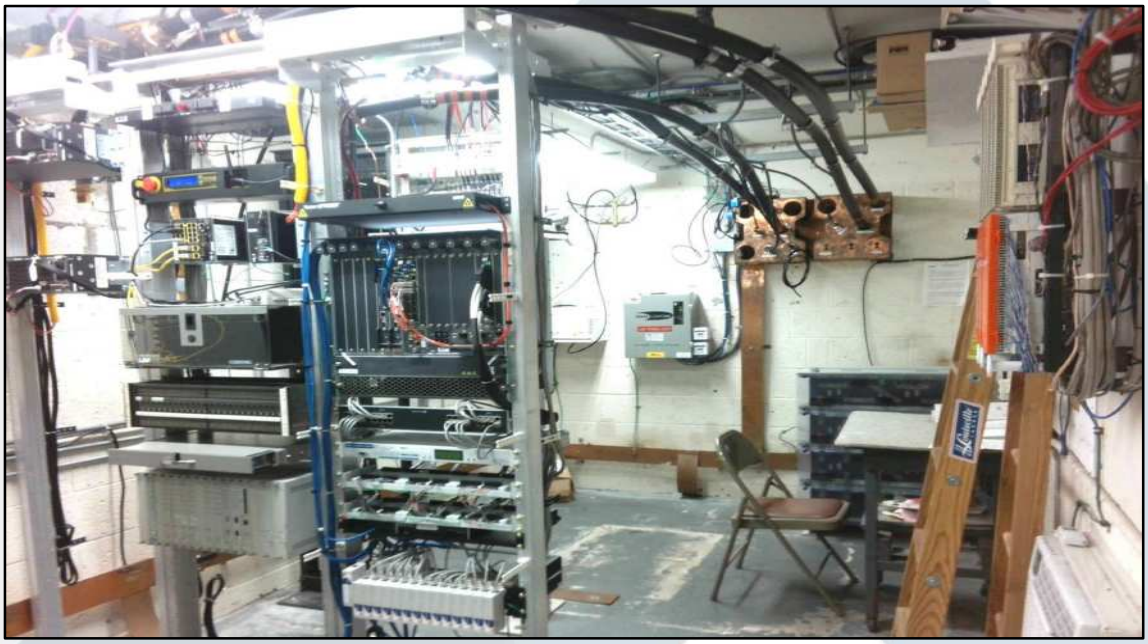


Figure 5: Delray Communications Building Interior

2.2.4 Miscellaneous Building Facilities

Enterprise building facilities provide operational spaces for a variety of FDOT groups and other Florida agencies, including: the FHP Troops K and L, Motor Carrier Compliance Office, FDOT Districts 4 and 6, Enterprise Office of Toll Operations, and Enterprise Operations and Concession Management and Marketing Offices. As an example, the Snapper Creek Service Plaza has two separate facilities that are maintained by the Enterprise and are currently being used for FDOT and Enterprise administrative construction and maintenance office spaces, FHP Troop K offices, and for the SunPass Customer Service Center.

See **Figures 6 and 7** below for examples of other types of building facilities.

Figure 6: Turkey Lake Regional Tolls Building - SR 91

Figure 7: Stuart Maintenance Shop - SR 91

2.2.5 Service Plaza Restaurant and Service Station Buildings

There are eight service plazas spaced approximately 40 miles apart on the Turnpike Mainline (SR 91). Service plazas offer a host of options for the safety and convenience of Enterprise customers including service stations, convenience stores, dining options, restrooms, dog parks, EV charging stations and nighttime security guards. The service plazas are operated and maintained by Areas USA, Inc. through a concessions contract with the Enterprise. The inspection and subsequent reporting on the condition of the service plaza facilities is conducted as part of a separate effort that is performed biennially and documented in a separate report.

2.2.6 Water/Wastewater Treatment Plants

The only water/wastewater plant on the Enterprise System is at the Fort Drum Service Plaza. This plant provides water to and receives wastewater from the service plaza restaurants, restrooms, common areas, and the service station. This asset was updated in 2010 with a new treatment plant and effluent pond under the Areas USA, Inc. contract.

2.2.7 Building Summary

A summary of the findings of all Enterprise building facility inspections performed in all ten building facility zones combined for the 15 facility elements, broken down by their respective characteristics, is provided in **Table 14** below.

Table 14: Condition of Building Facilities - All Zones

Element	Characteristics	Number Inspected	Number Rated Four or Below	Percent Rated Four or Below
Architecture	Caulking	37	0	0.00%
	Ceiling	412	0	0.00%
	Ceilings and Ceiling Grids	466	0	0.00%
	Counters/Cabinets and Drawers	195	0	0.00%
	Doors/Frames (Interior and Exterior)	1,292	1	0.08%
	Elevator	6	0	0.00%
	Elevator Certification	17	0	0.00%
	Flooring (Interior and Exterior)	829	3	0.36%
	Handrail	66	2	3.03%
	Joint Sealants	464	0	0.00%
	Lockers	36	0	0.00%
	Paint - Interior and Exterior	1258	2	0.16%
	Restroom Appurtenances	103	0	0.00%
	Roof Drain	32	0	0.00%
	Shelves	70	0	0.00%
	Site Signs	189	1	0.53%
	Walls (Concrete Block, Brick, Stucco or EIFS)	476	0	0.00%
	Walls (Exterior)	246	0	0.00%
	Walls (Interior)	877	3	0.34%
	Windows and Storefronts	357	2	0.00%
Domestic Plumbing Fixtures	Faucets/Sinks	195	0	0.00%
	Piping/Valves	186	0	0.00%
	Toilets/Urinals	100	0	0.00%
	Water Heater	54	1	1.85%

Table 14: Condition of Building Facilities - All Zones (Continued)

Element	Characteristics	Number Inspected	Number Rated Four or Below	Percent Rated Four or Below
Building Electrical	Canopy Lighting	61	0	0.00%
	Conduits/Junction Box	287	0	0.00%
	Grounding	388	0	0.00%
	Light Switches	111	0	0.00%
	Lighting (Exterior)	314	0	0.00%
	Lighting (Interior)	1015	2	0.20%
	Lightning Protection	232	0	0.00%
	Motor Control Center	8	0	0.00%
	Nose Flasher	191	0	0.00%
	Panelboards	427	0	0.00%
	Receptacle	1250	18	1.44%
	Sign Lighting	48	0	0.00%
	Site Lighting	26	0	0.00%
	Switchboards and Breakers	409	2	0.49%
	Toll Indicator	114	0	0.00%
	Traffic Red/Green Lighting	69	0	0.00%
	Transformers	30	0	0.00%
	TVSS (Transient Voltage Surge Suppressor)	385	0	0.00%
	Wiring	1191	6	0.50%
Building HVAC	Air Cooled Chiller and Piping	10	0	0.00%
	Air Handlers	525	2	0.38%
	Condensing Units	420	1	0.24%
	Ductwork and Insulation	430	0	0.00%
	Exhaust Fans	220	0	0.00%
	HVAC Control Systems	301	0	0.00%
	Package Unit	323	0	0.00%
	Supply and Outside Air Fans	40	0	0.00%
	Ventilation Outlets	764	0	0.00%
Structural	Concrete (Precast/Cast-in Place)	173	0	0.00%
	Masonry	70	0	0.00%
	Steel Framing	78	0	0.00%
Sewer/Septic Tanks, Lift Stations & Wells	Lift Stations and Wells	25	0	0.00%
	Sewer/Septic Tanks	12	0	0.00%
Site Grounds	Landscape	24	0	0.00%
	Parking Area	13	0	0.00%
	Site Grounds	161	0	0.00%
	Turf Condition	21	0	0.00%

Table 14: Condition of Building Facilities - All Zones (Continued)

Element	Characteristics	Number Inspected	Number Rated Four or Below	Percent Rated Four or Below
Canopy	Canopy Columns	73	1	1.37%
	Canopy Fascia	65	0	0.00%
	Canopy Signs	103	0	0.00%
	Canopy Structure	3	0	0.00%
	Canopy Underside	61	0	0.00%
	Sign Structure	55	0	0.00%
	Traffic Red / Green Lighting	67	0	0.00%
	Variable Message Signs	15	0	0.00%
Communications, Fire Alarm and Monitoring Devices	CCTV (Close Circuit TV)	142	0	0.00%
	Fire Alarm	22	0	0.00%
	Fire Extinguisher	713	1	0.14%
	Fire Pump System	2	0	0.00%
	Intercom System	2	0	0.00%
	Security	266	0	0.00%
	Telephone System	248	0	0.00%
Concrete Pavement & Sidewalk	Concrete Pavement	395	1	0.25%
	Sidewalk and Curb	126	1	0.79%
Booth	Booth Ceiling	47	0	0.00%
	Counters/Cabinets and Drawers (Booth)	104	0	0.00%
	Doors / Splash Door (Booth)	87	0	0.00%
	Flooring (Booth)	77	1	1.30%
	Toll Booth Windows/Glazing	69	0	0.00%
Island	ACM	42	0	0.00%
	Attenuator	136	1	0.74%
	Bollards	294	0	0.00%
	Island Concrete	143	1	0.70%
	Island Signs	135	0	0.00%
Plaza Concrete Apron	Apron Sweep	140	0	0.00%
	Cracking	164	0	0.00%
	Joints	180	0	0.00%
	Pavement Voids	162	0	0.00%
	Striping	221	0	0.00%
Stand-By Power	Fuel Line	235	0	0.00%
	Fuel Tank	250	11	4.40%
	Gauges	126	0	0.00%
	LP Tank	15	0	0.00%
	Stand-By Generator	322	0	0.00%
	UPS (Uninterrupted Power Supply)	442	0	0.00%
Gantry	Column Supports	55	0	0.00%
	Steel Framing	78	0	0.00%

2.3 Structures

2.3.1 Bridges

Enterprise Structures Maintenance data query from July 1, 2024, indicates a total of 788 bridges owned by the Enterprise and noted that 5 bridges are rated as five or in “Fair Condition”. No bridges were rated below a five. Security concerns prohibit publishing details related to bridge inspections. Bondholders may contact individual FDOT Maintenance Districts to request the latest bridge rating information.

Table 15: Condition of Bridges

Zone	Number Inspected	Number Rated Five or Below	Percent Rated Five or Below
I	244	2	0.82%
II	102	1	0.98%
III	233	2	1.29%
IV	173	0	0.00%
V	17	0	0.00%
Owned but maintained by other Districts	19	0	0.00%
TOTALS	**788**	**5**	**0.63%**

2.3.2 Large Non-Qualifying Culverts

An independent structures consultant inspects all LNQC’s once every six years (one third of the total per two-year inspection cycle) throughout the System and noted that of 244 existing culvert structures, seven are graded as five or in “fair condition”. No LNQC’s were graded below a five. The majority of LNCQ’s (177), and all of those rated at five, are in roadway and structure inspection Zones II and III.

Table 16: Condition of Large Non-Qualifying Culverts

Zone	Number Inspected	Number Rated Five or Below	Percent Rated Five or Below
I	27	0	0.00%
II	97	4	4.12%
III	80	3	3.75%
IV	29	0	0.00%
V	11	0	0.00%
Totals	**244**	**7**	**2.87%**

2.3.3 High Mast Light Towers

The most current inspection report indicates that of the 313 HMLT's currently in operation within the System, 50 are rated as five, or in "Fair Condition". No HMLT's were rated below a five. The HMLT rating and corresponding rating scale are summarized in **Appendix B: Inspection Rating Procedures for Roadways, Structures, and Buildings.**

Table 17: Condition of High Mast Light Towers

Zone	Number Inspected	Number Rated Five or Below	Percent Rated Five or Below
I	115	13	11.30%
II	17	6	35.29%
III	79	7	8.86%
IV	102	24	23.53%
V	0	0	0.00%
Totals	**313**	**50**	**15.97%**

2.3.4 Overhead Sign Structures

The biennial inspection of overhead sign structures on the System is based on a visual inspection of three individual sign characteristics: horizontal and vertical members, and structure foundations. These characteristics, along with the sign rating scale, are listed in **Appendix B: Inspection Rating Procedures for Roadways, Structures, and Buildings.**

The structure consultants noted that of 1,184 existing overhead sign structures, 108 are rated as five or in "Fair Condition". No overhead sign structures were rated below a five. **Table 18** summarizes the overhead sign structures inspected and those rated in fair condition by inspection zone for this reporting period. An example of an overhead sign structure is shown in **Figure 8**.

Table 18: Condition of Overhead Sign Structures

Zone	Number Inspected	Number Rated Five or Below	Percent Rated Five or Below
I	561	57	10.16%
II	58	5	8.62%
III	285	32	11.23%
IV	233	5	2.15%
V	38	9	23.68%
Owned but maintained by other Districts	9	0	0.00%
TOTALS	**1,184**	**108**	**9.12%**

Figure 8: Overhead Sign Structure

3. Inspection Results

Characteristics graded four or below in the roadway and building facility categories and graded at five or below in the structures category are identified in this report. As previously mentioned, it is possible that repairs have addressed some of the items identified as unsatisfactory in this report due to the lag-time between inspections and issuance of the report. The numbers of construction and maintenance contracts for each asset category that were either in effect or advertised during FY 2024 are summarized in **Table 19** and give an indication of the work effort already in place. Many of the contracts listed on **Table 19** will likely extend over several fiscal years.

The determinations provided in this report do not consider the criticality of characteristics in relationship to each other. When reviewing below standard characteristics, several considerations influence the desired level of service. These include safety, protection of private and public investment, comfort, environmental impact, aesthetics, and funding constraints. A ramp pavement pothole, for example, would receive priority over litter removal because it may have an immediate impact on the driving experience of the customer. Standard procedures for rating System facilities are explained in **Appendix B: Inspection Rating Procedures for Roadways, Structures, and Building Facilities.**

Photographs of desirable and undesirable roadway characteristics taken during the FY 2024 inspection cycle are illustrated in **Appendix C: Selected Photographs of Desired/Undesired Conditions.**

NONE OF THE UNSATISFACTORY CHARACTERISTICS OBSERVED BY THE INSPECTION TEAMS POSE A SAFETY CONCERN TO ENTERPRISE CUSTOMERS.

3.1 Roadway Elements

The overall FY 2024 RRP rating is 96.61 for all elements combined across the system. The RRP results indicate that the Enterprise comprehensive Maintenance and Renewal and Replacement programs continue to be effective.

Table 19 represents construction and maintenance contracts in effect or let during FY 2024.

Table 19: Roadway Contracts in Effect or Advertised During FY 2024

Type	Zone	Construction		Maintenance		Total Roadway & Maintenance Dollars
		Total Per Zone	No. of Contracts	Total Per Zone	No. of Contracts	
Contracts in Effect or Advertised in Single Zones	Zone I	$1,580,249,875	17	$24,970,981	35	**$1,605,220,856**
	Zone II	$63,311,664	3	$24,568,750	3	**$87,880,414**
	Zone III	$1,112,287,949	17	$65,616,600	6	**$1,177,904,549**
	Zone IV	$486,666,432	11	$36,754,275	6	**$523,420,707**
Contracts in Effect or Advertised Across Multiple Zones	Zone V	-	-	$8,598,579	2	**$8,598,579**
	Zone I & II	$21,849,074	1	$224,054	1	**$22,073,128**
	Zone I & III	$3,179,902	1	$150,000	1	**$3,329,902**
	Zone I & IV	-	-	$89,536	1	**$89,536**
	Zone II & III	-	-	$420,000	1	**$420,000**
	Zone I, II, & III	$110,601,436	2	$865,173	2	**$111,466,609**
	Zone I, III & IV	$5,565,378	1	-	-	**$5,565,378**
	Zone III & IV	$1,605,678	1	$4,841,095	1	**$6,446,773**
	Zone III, IV, & V	-	-	$57,531	1	**$57,531**

3.1.1 Roadway

The roadway element has achieved an RRP overall rating of 93.95 on all ramp sections. No unsatisfactory characteristics were identified greater than 2.38 percent (stripping) across all maintenance zones reported by the annual inspection. These positive ratings are indicative of Enterprise's ongoing pavement resurfacing efforts along several portions of the System and an active preventive maintenance program.

Figure 9 is an example of a recently resurfaced ramp.

Figure 9: Resurfaced Ramp

3.1.2 Roadside

The calculation of the RRP rating for roadside features considers all aspects such as fencing, shoulders, slopes, and other characteristics situated beyond the paved travel way (refer to **Figure 1**). For FY 2024, the comprehensive RRP rating for the roadside element stands at 96.85. None of the five characteristics of this element were determined to be greater than 0.18 percent unsatisfactory. A typical front slope and fencing within the system is depicted in **Figure 10**.

Figure 10: Typical Front Slope and Fencing

3.1.3 Traffic Services

The rating for the traffic services element is determined by the condition of all features that facilitate, safeguard, and support the customer during their travel on Enterprise roads, interchanges, and service areas. For FY 2024, the aggregate RRP rating for traffic services stands at 96.15, with none of the 11 characteristics of this element exceeding 1.35 percent unsatisfactory overall. Notably, guardrail was determined to be at 5.24 percent unsatisfactory in zone 1. **Figure 11** illustrates highway lighting utilized on the System.

Figure 11 - Highway Lighting

3.1.4 Drainage

The evaluation of the drainage element is based on the comprehensive state of all infrastructures responsible for the conveyance, collection, and treatment of stormwater runoff. The RRP score for drainage was determined to be 98.53 for FY 2024. Miscellaneous drainage, one of the eight characteristics included in the drainage element, was graded at 1.39 percent unsatisfactory. No other drainage characteristic was graded unsatisfactory for greater than 0.08 percent for FY 2024. A typical ditch-bottom inlet with skimmer within the System is depicted in **Figure 12**.

Figure 12: Inlet with Skimmer

3.1.5 Vegetation - Aesthetics

The Enterprise continuously oversees the state of vegetation along the System, identifying the requirements for mowing, trimming, re-landscaping, and litter removal. The cumulative RRP score for the vegetation and aesthetics element is 98.15 for FY 2024. Overall, no unsatisfactory grading exceeding 0.13 percent among the six characteristics of this component were noted in FY 2024. **Figure 13** illustrates a well-maintained and landscaped roadside.

Figure 13: Maintained Vegetation - Aesthetics

3.2 Building Facilities

In FY 2024, there were 26,990 total inspection comments made referencing System building facilities, of which only 64 resulted in a condition graded four or below, equating to less than one percent of the building characteristics being unsatisfactory. The majority of the reported grades of four or below did not constitute structural or safety related concerns.

Enterprise toll plaza administration buildings, canopies, drainage, and parking areas are generally in good condition. The following list summarizes several building characteristics reported with grades at the high end of the scale.

- Fuel Tank (4.40 percent unsatisfactory) – This characteristic refers to tanks supplying fuel to the stand-by generators. Most of the unsatisfactory ratings reported for this characteristic are missing tie-down straps and ID tags; more focus is needed on completion of the program to assure all tanks are tied down.
- Handrail (3.03 percent unsatisfactory) – The majority of unsatisfactory ratings reported for this characteristic were damaged or loose handrails or gates and or missing hardware.
- Water Heater (1.85 percent unsatisfactory) – Unsatisfactory ratings reported for this characteristic were related to missing electrical access panels, electrical panels not secured, and/or exposed wires.
- Receptacle (1.44 percent unsatisfactory) – The majority of unsatisfactory ratings reported for this characteristic were ground fault circuit interrupter (GFCI) receptacles that were not functioning as intended. More focus is needed on maintenance of this characteristic.
- Canopy Columns (1.37 percent unsatisfactory) – Unsatisfactory ratings for this characteristic included corroded supports and water intrusion.

Table 20 below shows the Enterprise's FY 2024 construction and maintenance contracts (in effect or advertised) in furtherance of this robust building facility program.

Table 20: Facilities & Communication Contracts in Effect or Advertised During FY 2024

Region	No. of Contracts	Activity	Cost
Construction			
South	1	Periodic Maintenance and Repair of Detroit Diesel Mega-Generators/ATS	$172,700
South	1	Coral Reef Ultra-High Frequency Communications and CCTV Installation	$187,853
South	1	Panel Labeling	$45,000
South	1	Concrete Wall Repairs at CRD, Milepost 99.0	$49,560
South	1	Interior Painting of Snapper Creek FHP Building	$34,660
South	1	Exterior Painting of Snapper Creek Sunpass Building	$75,000
South	1	Air Handler Units Replacement	$332,000
South	1	20 HP Sewage Pump Replacement at Milepost 65.0	$30,598
South	1	Carpet Flooring for Snapper Creek Law Enforcement	$83,534
South	1	Roof Coating at Snapper Creek Sunpass Center	$32,000
South	1	Communication Tower Ice Bridge (Cable Tray) Support Repairs - South	$32,000
South	1	Re-Lamination of Reception Desk at FHP - Snapper Creek	$13,500
Turnpike Wide	1	Pompano Second Floor Server Room Electrical Upgrade	$30,052
Turnpike Wide	1	Executive Room Lighting - Upgrades	$11,457
14 - Construction Contracts			**$1,129,914**
Region	**No. of Contracts**	**Activity**	**Cost**
Maintenance			
Turnpike Wide	4	Maintenance of Statewide Telecommunications Network	$1,282,222
North	1	Roof Repair Services - North Region	$661,584
North	1	Roof Replacement at HQ Building No. 5315	$769,306
North	2	Concrete, Waterproofing, Sealing, Paint & General Facilities Svc	$682,000
South	1	Replacement In-Kind Two (2) Rooftop Condenser Units	$55,877
South	1	Exterior painting of Pompano OPS Building	$49,000
South	1	Roof Coating at Pompano Operations Center Breakroom Area	$16,480
Turnpike Wide	1	UPS Maintenance Services - Turnpike Wide	$606,560
North	2	Elevator Maintenance Services	$103,635
North	1	Testing of Fire Alarm/Smoke Detector/Elevator Recall System	$6,270
North	2	Plumbing and Lift Stations	$360,680
North	1	Replacement of Generator and ATS	$194,564
North	2	Life Safety Monitoring, Inspection and Repair at Suntrax Test Facility	$53,400

Region	No. of Contracts	Activity	Cost
Maintenance (Continued)			
North	2	Heating, Ventilation and Air Conditioning Equipment Maintenance, Repair	$273,160
North	2	HVAC Preventative Maintenance - Suntrax	$224,450
Turnpike Wide	1	Fire Assessment Fiscal Year 2022-2023 Hernando Co	$132
North	2	Generator Maintenance Services - North Region (Year 1&2)	$646,860
North	2	Pressure Cleaning and Other Related Cleaning Services at SunTrax Test Facility	$291,985
North	2	Pressure Cleaning Services (Year 1&2)	$374,415
North	1	Pressure Washing Sealing and Exterior Painting HQ Complex	$240,000
North	2	Comprehensive Janitorial Services at SunTrax Test Facility	$125,951
Turnpike Wide	2	Lowboy Trailer and Rotator Tow Trucks Services at SunTrax Test Facility	$45,075
North	1	Confirming Purchase Order for Service Call-Simplex 4007ES Fire Alarm Panel	$3,124
North	5	Maintenance, Repair, Testing and Verification of Electrical Services	$576,530
North	1	Performance Based Facilities Maintenance (Year 5)	$1,871,964
North	1	Performance Based Facilities Maintenance-West/Off (Year 1)	$3,363,604
North	3	Moving and Landscaping	$736,704
North	3	Moving and Landscaping at SunTrax Test Facility	$465,255
South	2	Performance - Based Facilities Asset Maintenance Contract (Year 1)	$6,088,400
South	1	Carpet Flooring for Pompano Services Center	$223,836
North	2	Chiller Services at SunTrax Test Facility (Service Agreement)	$36,217
South	1	Security Officer Services	$72,644
North	1	Janitorial Cleaning Services at Yeehaw Junction	$11,400
North	2	Maintenance of Water Treatment Systems	$50,189
North	2	Janitorial Cleaning Services at SunTrax Test Facility	$68,400
North	2	Water Treatment Services at SunTrax Test Facility	$12,789
North	1	Monitoring Fire Alarm System - FDOT I-4 Selmon Expressway Toll Plaza	$530
Turnpike Wide	2	Signature Gantries Fall Protection Systems - North Region (Year 1)	$41,150
Turnpike Wide	1	Confirming PO for Diesel Fuel - MP 251 Turnpike - Off (Turnpike NP on Ramp from 417)	$674
Turnpike Wide	1	Confirming PO for Diesel Fuel - FDOT - Wekiva 6 Off	$650
Turnpike Wide	1	Confirming PO for Diesel Fuel - Orangewood Off MP 1.5 SR 528	$1,924
Turnpike Wide	1	Confirming PO for Diesel Fuel - Kissimmee Park	$403
North	1	Fire Alarm Monitoring Agreement	$632
Turnpike Wide	2	Repair/Fix Transformer at SunTrax Test Facility	$8,824
Turnpike Wide	1	Confirming PO for Diesel Fuel - MP 236 - Off	$854
South	1	Carpet Flooring at Boca Tolls Center	$16,538
South	1	Replace Ceiling Tiles at Boca Tolls Center 1st Floor	$20,327
South	1	Furnish and Install Swing Door at Boca Tolls Center Room 158	$3,685
Turnpike Wide	1	Repair 500 KVA Copper Transformer at SunTrax Test Facility	$13,500
North	1	Building Automatic Services (BAS) at SunTrax Test Facility (Service Agreement)	$34,650
Turnpike Wide	1	Remove and Replace Three (3) LP Tanks	$25,447
South	1	Communication Tower Support Pipe Repairs	$64,000
South	1	Bathroom Sink Replacement - Pompano	$8,975
South	1	Carpet Flooring for Executive Room	$15,799
Turnpike Wide	1	Concrete Repair at Snapper Creek FHP Building	$3,843
84 - Maintenance Contracts			**$20,907,067**
98 - Maintenance & Construction Contracts			**$22,036,981**

3.3 Structures

This section discusses bridges, large non-qualifying culverts (LNQC), high mast light towers (HMLT) and overhead sign structures inspected under the separate structures engineering consultant contract mentioned previously in this report. General findings of the FY 2024 structures inspection are included in **Table 15 through Table 18** of this report. Detailed information regarding structure inspections may be requested directly from the various FDOT Districts.

3.3.1 Bridges

The FY 2024 bridge inspection cycle determined that only five of the 788 total System bridges were graded at a five or in “fair condition”.

During FY 2024, several bridge construction contracts were in effect or advertised. Bridge improvement contracts are included within the total cost of several roadway construction projects either in effect, advertised or completed during the fiscal year.

A summary of bridge construction costs was provided by the Enterprise Plans, Specifications & Estimates group and is shown in **Table 21**.

Table 21: Bridge Contracts in Effect or Advertised During FY 2024

Locations	Construction Cost
Zone I	$145,368,185
Zone II	$3,920,172
Zone III	$141,144,204
Zone IV	$180,761,377
Zone 1 & II	$1,493,369
Totals	**$472,687,307**

The State Maintenance Office Bridge Inventory 2024 Annual Report, which uses NBIS guidelines, reported that Enterprise Maintenance directed a portion of its Periodic and Routine Maintenance funding in FY 2024 to bridge rehabilitation and repair projects. **Figure 14** shows an example of a bridge on the System.

Figure 14: SR 589 Suncoast Bridge

3.3.2 Large Non-Qualifying Culverts

The FY 2024 structures inspection cycle revealed that seven of the 244 total large non-qualifying culverts (LNQC) were graded at a five (fair condition) with all seven of these within Inspection Zones II and III.

A LNQC is a structure that provides a vehicle travel way over a body of water or other obstruction but does not meet the statutory definition of a bridge. LNQC's are defined as a circular, elliptical arch or box type of culvert with a height greater than four feet, or clear span of ten feet or greater, but less than 20 feet.

LNQC's are inspected once every six years. Each cycle is a two-year period with one third of the total LNQC's inspected during the cycle. It takes three cycles for the entire LNQC inventory to be inspected.
Figure 15 shows an example of a culvert in the System.

Figure 15: Typical Culvert

3.3.3 High Mast Light Towers

The FY 2024 structures inspection cycle revealed that 50 of the 313 total high mast light towers (HMLT) were rated at five with the majority of these (24) within Inspection Zone IV.

These structures provide illumination for improved nighttime visibility at various locations along the System, such as at interchanges, service plazas, and toll facilities.

3.3.4 Overhead Sign Structures

The FY 2024 structures inspection cycle revealed that 108 of the 1,184 total overhead sign structures were rated at five or below with the majority of these (57) within Inspection Zone I.

The structures are inspected separately from those signs in the traffic services element due to being suspended above the travel way by large support structures, but the sign panel condition (retro-reflectivity, peeling, etc.) is documented in the RRP inspection. These signs provide critical directional information, guiding the customer throughout the System. **Figure 16** shows an example of a cantilever overhead sign structure on the System.

Figure 16: Typical Overhead Sign Structure

4. Commitments and Recommendations

4.1 Commitments

Analysis of data collected during the 2024 asset evaluation cycle indicates that the Enterprise's Renewal and Replacement, Periodic, and Routine Maintenance programs are effective in maintaining the system at an optimal level. Programmed funding for physical improvements committed to these programs are presented in **Table 22.**

Table 22: FY 2024 through 2028 Program Commitments ($M)

Fiscal Year	Renewal & Replacement Contracts	Periodic Maintenance	Routine Maintenance	Total	Gross Revenue	Percentage of Gross Revenue
2024	$114.40	$12.72	$83.84	**$210.96**	$1,269.34	16.62%
2025	$318.02	$11.25	$77.48	**$406.75**	$1,293.12	31.45%
2026	$149.53	$7.09	$79.33	**$235.95**	$1,337.18	17.65%
2027	$42.40	$4.99	$81.59	**$128.98**	$1,364.06	9.46%
2028	$154.87	$4.99	$93.18	**$253.04**	$1,389.96	18.20%

[1] Renewal and Replacement data captures all projects/phases using PKYR funding, excluding those PKYR projects that are in the Periodic Maintenance category.

[2] Periodic Maintenance data captures all projects/phases using Item Group PEMT.

[3] Routine Maintenance data captures all Phase 72 projects.

[4] Gross Revenue data was taken from the Traffic Engineer's Annual Report, Traffic Engineer's Annual Letter Report.

The 18.68 percent 5-year average of gross revenue allocated to maintaining the system is evidence of Enterprise's commitment to protect the system's assets and bondholder's investments. Programmed commitments between FY 2024 and FY 2028 range from 9.46 to 31.45 percent of gross revenue with the upper limit of this range occurring in FY 2025.

New construction and improvement projects are valued at $114.40 million for Renewal and Replacement work (PKYR) in FY 2024, and include roadway resurfacing; bridge, roadway, and facility construction; toll equipment enhancement; and bridge repair.

The amount of $96.56 million programmed for Periodic (PEMT) and Routine Maintenance (Phase 72) work in FY 2024 includes maintenance of all highway assets, building maintenance, building renovation, building demolition, roof replacement, toll plaza tunnel sealing, drainage improvements and safety upgrades.

4.2 Recommendations

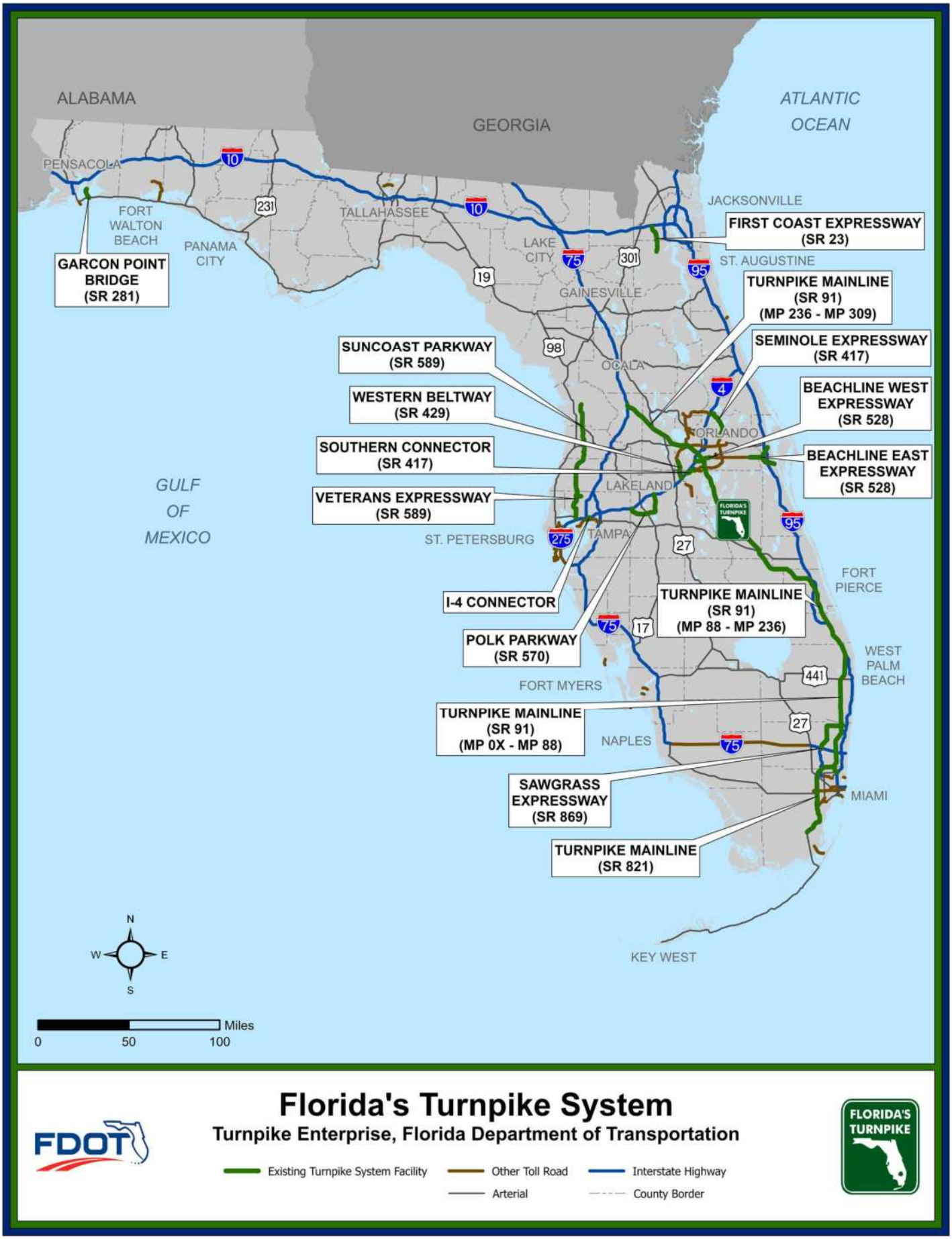
The 2024 annual inspection and asset analysis clearly indicates that the System is in an overall good condition. To maintain the excellent level of service provided to Enterprise customers well into the future, the following recommendations are made:

- Unsatisfactory ratings noted in the FY 2024 report should be addressed as resources allow.
- Critical or emergency items identified during all annual inspections should continue to be addressed at the time they are discovered.
- Future annual inspection characteristics reported below standard should be reviewed by the appropriate Enterprise personnel on a 30 business-day schedule to determine priority levels for possible inclusion into existing maintenance or future construction projects.
- Review should continue of consultant-recommended unsatisfactory characteristics, correction options, and coordination of funding-related issues with Enterprise's Maintenance, Finance and Production Offices.
- Characteristics that continue to be reported with higher-than-average unsatisfactory ratings should be evaluated to determine if creation of new projects may resolve the issues. Being proactive will ensure that unsatisfactory characteristics are addressed promptly and that items that are approaching this condition are resolved before they become unsatisfactory.
- Table 23 below provides a description of current projects with funding source, priority, and current funding status.

RESULTS OF THE 2024 ANNUAL INSPECTION CONFIRM THE ENTERPRISE'S COMMITMENT TO MAINTAIN THE QUALITY AND SAFETY OF THE SYSTEM AND PROVIDE VALUE TO THE BONDHOLDERS' INVESTMENT.

Appendices

Appendix A:
Maps of System Components and Inspection Zones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ST. AUGUSTINE
GAINESVILLE
OCALA
ORLANDO
LAKELAND
TAMPA
ST. PETERSBURG
FORT PIERCE
WEST PALM BEACH
FORT MYERS
NAPLES
MIAMI
KEY WEST
GARCON POINT BRIDGE (SR 281)
FIRST COAST EXPRESSWAY (SR 23)
TURNPIKE MAINLINE (SR 91) (MP 236 - MP 309)
SEMINOLE EXPRESSWAY (SR 417)
SUNCOAST PARKWAY (SR 589)
BEACHLINE WEST EXPRESSWAY (SR 528)
WESTERN BELTWAY (SR 429)
SOUTHERN CONNECTOR (SR 417)
BEACHLINE EAST EXPRESSWAY (SR 528)
VETERANS EXPRESSWAY (SR 589)
I-4 CONNECTOR
TURNPIKE MAINLINE (SR 91) (MP 88 - MP 236)
POLK PARKWAY (SR 570)
TURNPIKE MAINLINE (SR 91) (MP 0X - MP 88)
SAWGRASS EXPRESSWAY (SR 869)
TURNPIKE MAINLINE (SR 821)
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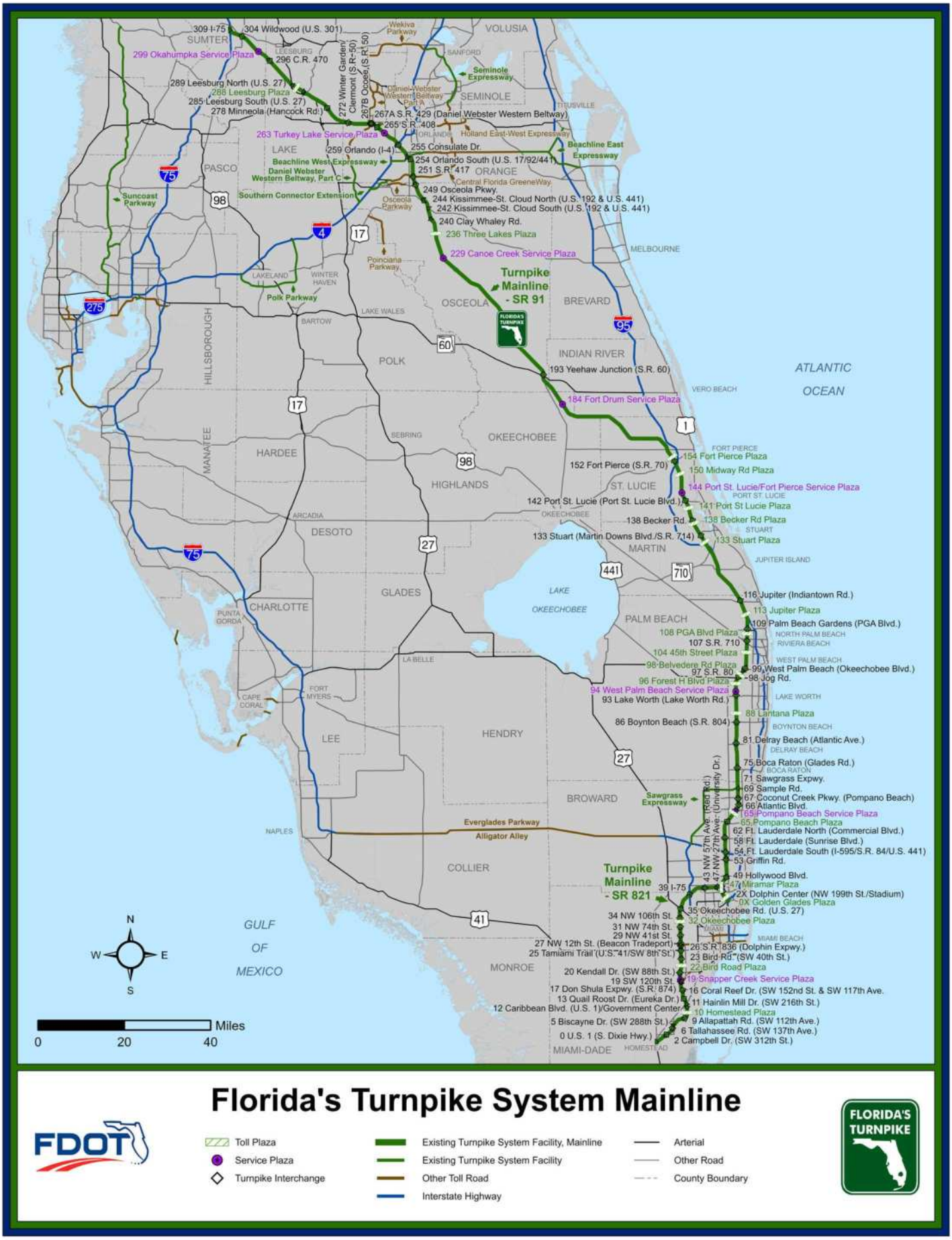
FLORIDA'S TURNPIKE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289 Leesburg North (U.S. 27)
288 Leesburg Plaza
285 Leesburg South (U.S. 27)
278 Minneola (Hancock Rd.)
263 Turkey Lake Service Plaza
267A S.R. 429 (Daniel Webster Western Beltway)
265 S.R. 408
259 Orlando (I-4)
255 Consulate Dr.
254 Orlando South (U.S. 17/92/441)
251 S.R. 417
249 Osceola Pkwy.
244 Kissimmee-St. Cloud North (U.S. 192 & U.S. 441)
242 Kissimmee-St. Cloud South (U.S. 192 & U.S. 441)
240 Clay Whaley Rd.
236 Three Lakes Plaza
229 Canoe Creek Service Plaza
193 Yeehaw Junction (S.R. 60)
184 Fort Drum Service Plaza
154 Fort Pierce Plaza
152 Fort Pierce (S.R. 70)
150 Midway Rd Plaza
144 Port St. Lucie/Fort Pierce Service Plaza
142 Port St. Lucie (Port St. Lucie Blvd.)
141 Port St Lucie Plaza
138 Becker Rd.
138 Becker Rd Plaza
133 Stuart (Martin Downs Blvd./S.R. 714)
133 Stuart Plaza
116 Jupiter (Indiantown Rd.)
113 Jupiter Plaza
109 Palm Beach Gardens (PGA Blvd.)
108 PGA Blvd Plaza
107 S.R. 710
104 45th Street Plaza
98 Belvedere Rd Plaza
97 S.R. 80
99 West Palm Beach (Okeechobee Blvd.)
98 Jog Rd.
96 Forest Hill Blvd Plaza
94 West Palm Beach Service Plaza
93 Lake Worth (Lake Worth Rd.)
88 Lantana Plaza
86 Boynton Beach (S.R. 804)
81 Delray Beach (Atlantic Ave.)
75 Boca Raton (Glades Rd.)
71 Sawgrass Expwy.
69 Sample Rd.
67 Coconut Creek Pkwy. (Pompano Beach)
66 Atlantic Blvd.
65 Pompano Beach Service Plaza
65 Pompano Beach Plaza
62 Ft. Lauderdale North (Commercial Blvd.)
58 Ft. Lauderdale (Sunrise Blvd.)
54 Ft. Lauderdale South (I-595/S.R. 84/U.S. 441)
53 Griffin Rd.
49 Hollywood Blvd.
47 Miramar Plaza
2X Dolphin Center (NW 199th St./Stadium)
0X Golden Glades Plaza
35 Okeechobee Rd. (U.S. 27)
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31 NW 74th St.
29 NW 41st St.
27 NW 12th St. (Beacon Tradeport)
25 Tamiami Trail (U.S. 41/SW 8th St.)
26 S.R. 836 (Dolphin Expwy.)
23 Bird Rd. (SW 40th St.)
22 Bird Road Plaza
20 Kendall Dr. (SW 88th St.)
19 SW 120th St.
19 Snapper Creek Service Plaza
17 Don Shula Expwy. (S.R. 874)
16 Coral Reef Dr. (SW 152nd St. & SW 117th Ave.
13 Quail Roost Dr. (Eureka Dr.)
11 Hainlin Mill Dr. (SW 216th St.)
12 Caribbean Blvd. (U.S. 1)/Government Center
10 Homestead Plaza
5 Biscayne Dr. (SW 288th St.)
9 Allapattah Rd. (SW 112th Ave.)
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6 Tallahassee Rd. (SW 137th Ave.)
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Southern Connector Extension
Osceola Parkway
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Polk Parkway
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Holland East-West Expressway
Beachline East Expressway
Central Florida GreeneWay
Sawgrass Expressway
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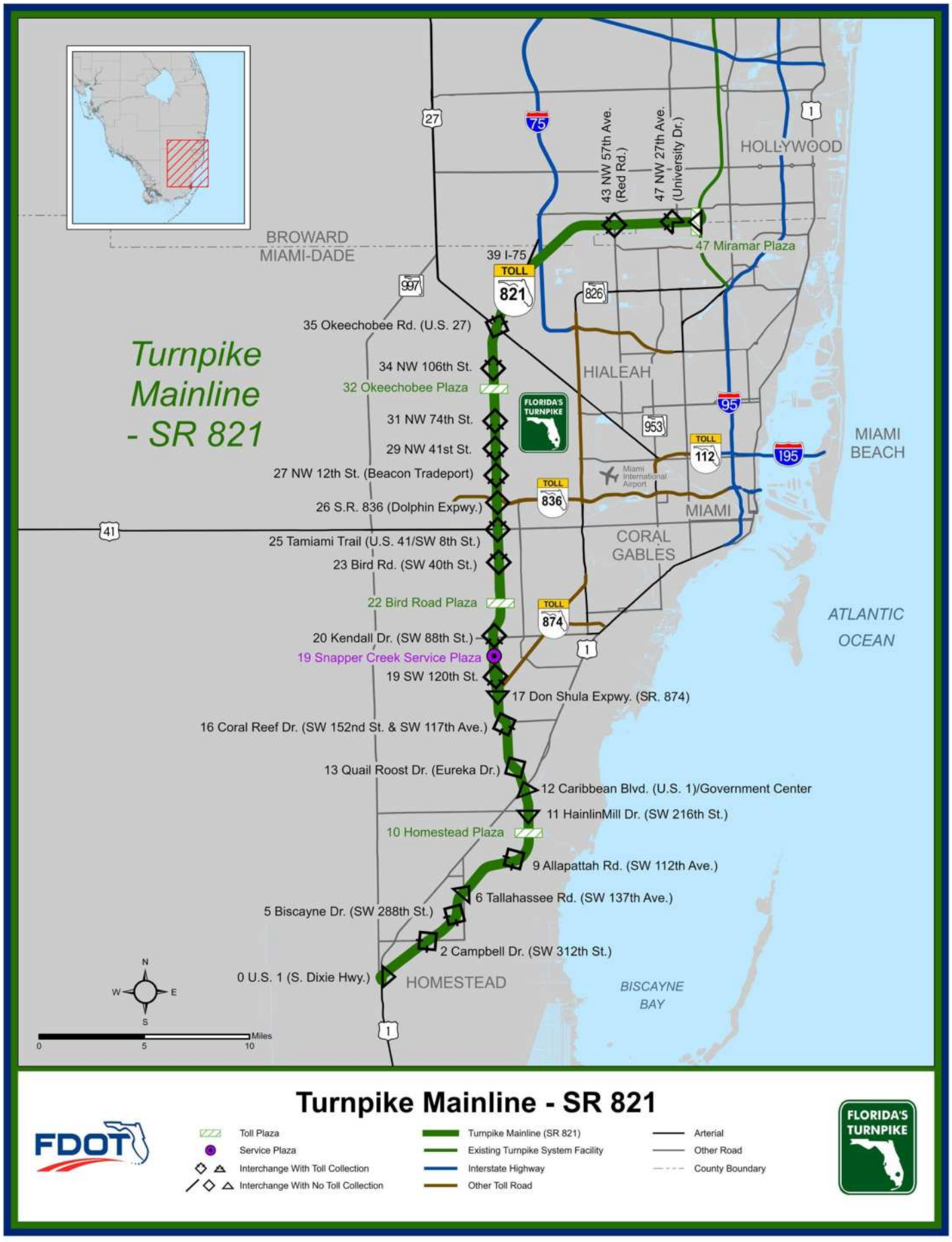
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27 NW 12th St. (Beacon Tradeport)
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23 Bird Rd. (SW 40th St.)
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19 Snapper Creek Service Plaza
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13 Quail Roost Dr. (Eureka Dr.)
12 Caribbean Blvd. (U.S. 1)/Government Center
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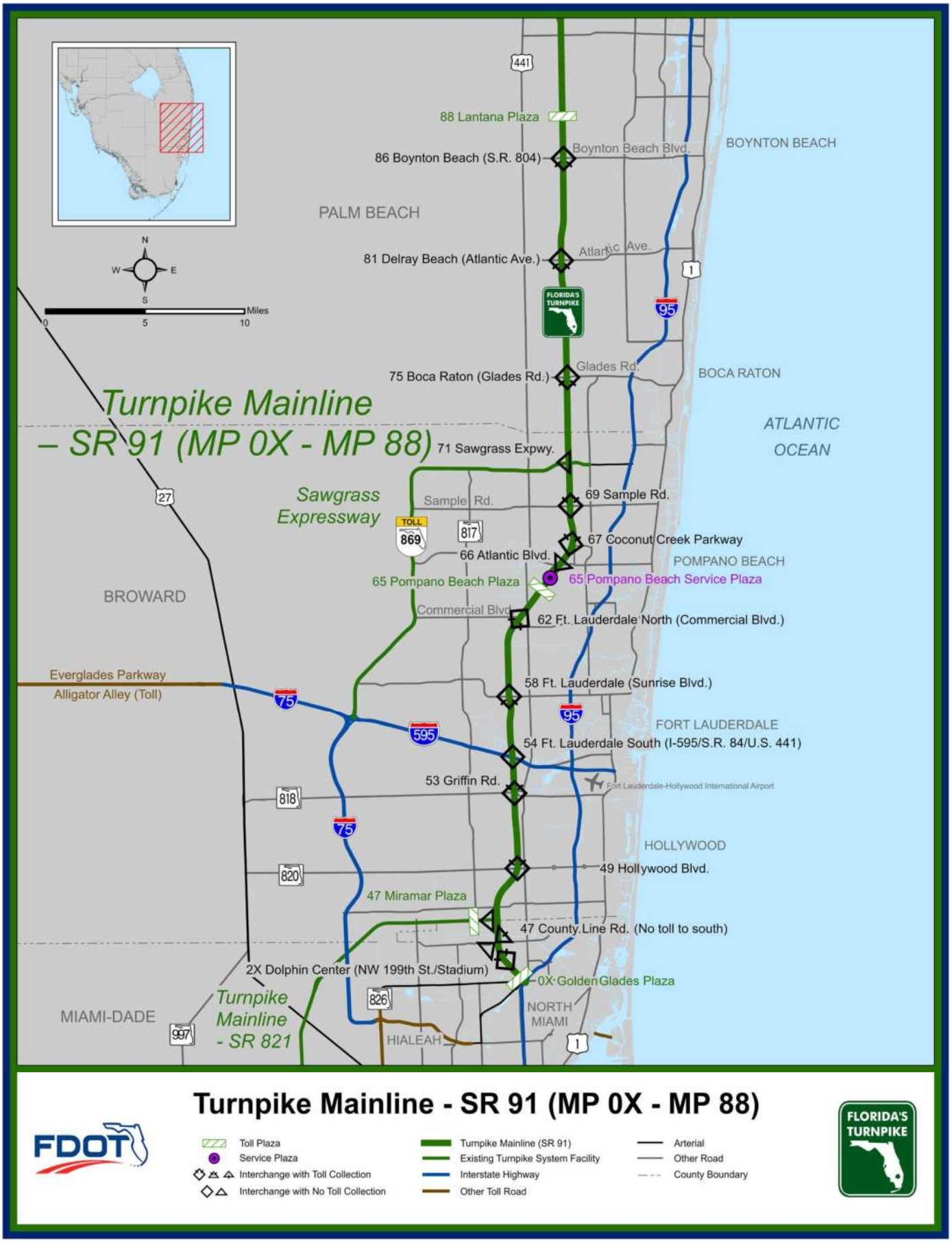
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Sample Rd.
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Alligator Alley (Toll)
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FORT LAUDERDALE
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Fort Lauderdale-Hollywood International Airport
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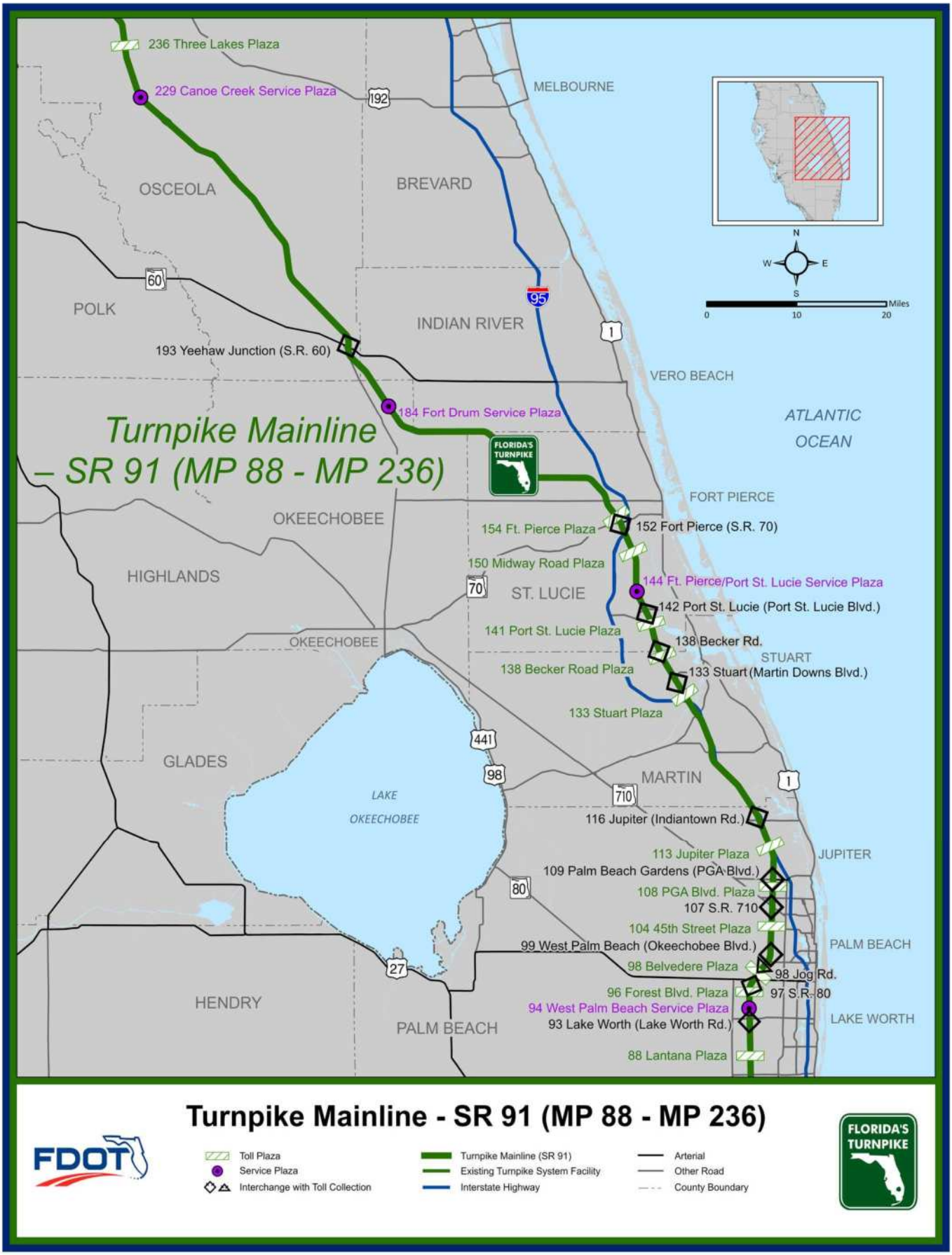
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OCEAN
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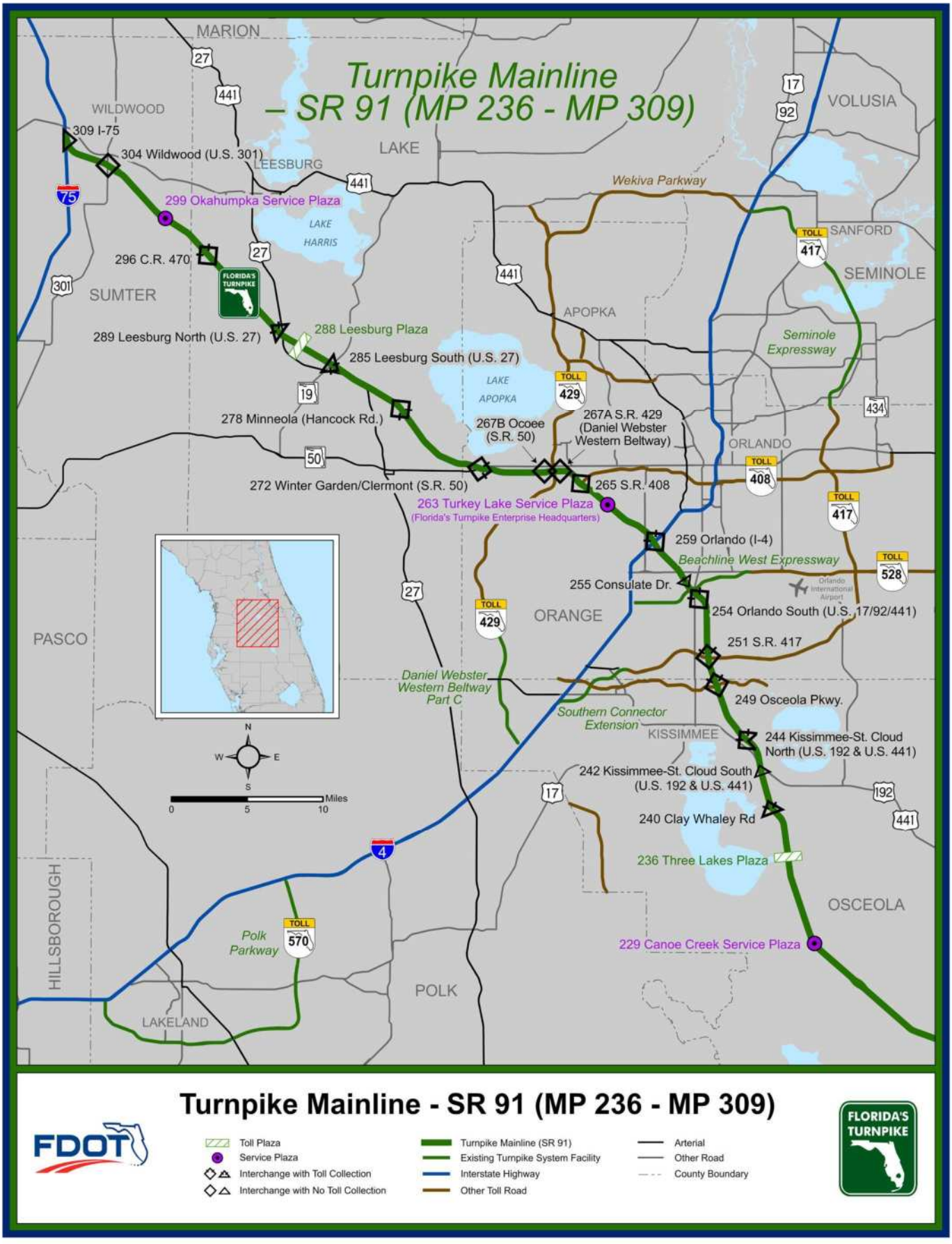
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LAKE APOPKA
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242 Kissimmee-St. Cloud South (U.S. 192 & U.S. 441)
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FLORIDA'S TURNPIKE


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International Dr
S John Young Pkwy
Sand Lake Rd
8 McCoy Rd./Jetport Dr.
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6 Beachline West Plaza
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4 U.S. 17/92/441/Florida's Turnpike
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3A/B S.R. 423/John Young Parkway
2 Orangewood Blvd.
Central Florida Pkwy
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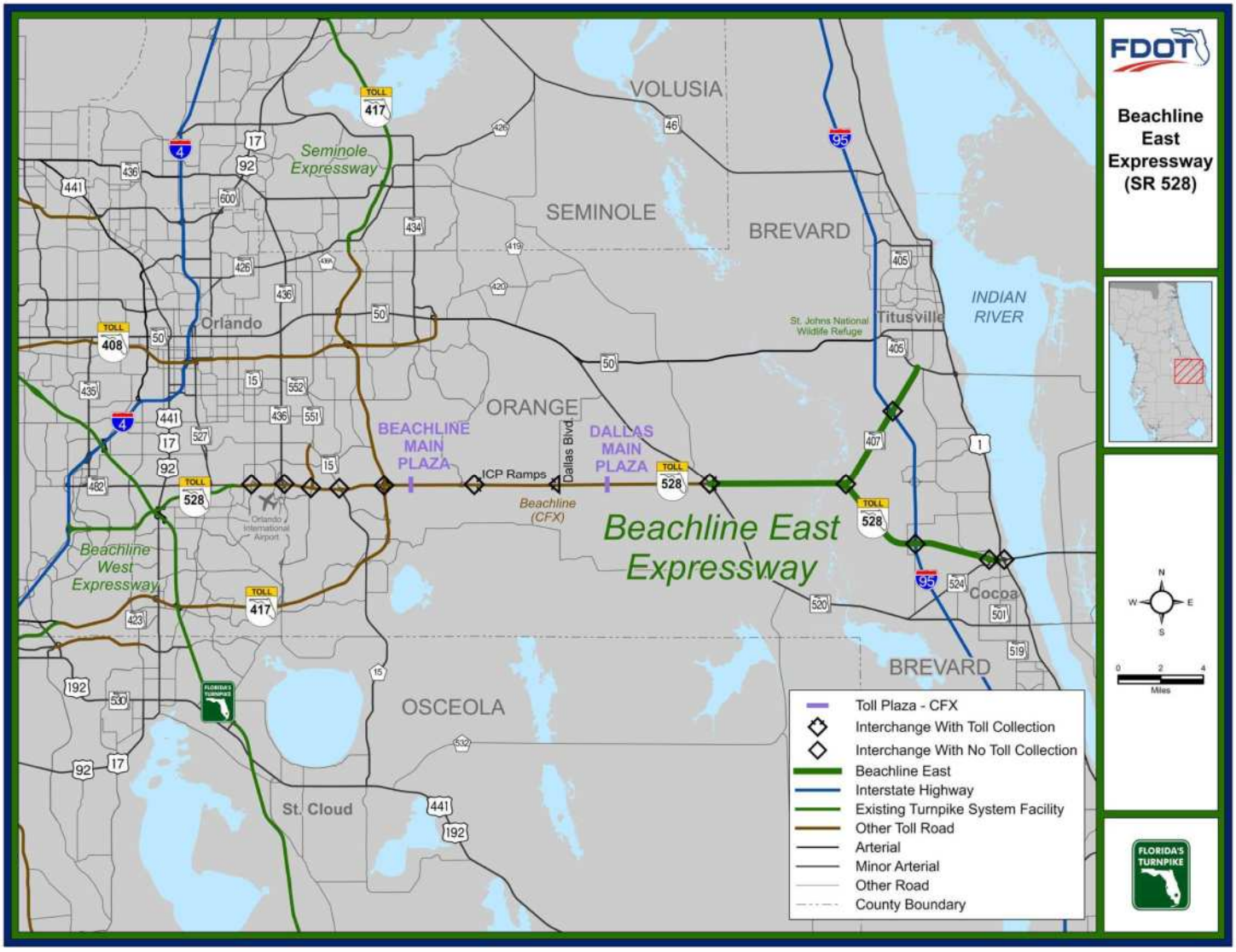
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St. Johns National Wildlife Refuge
BEACHLINE MAIN PLAZA
DALLAS MAIN PLAZA
ICP Ramps
Dallas Blvd
Beachline (CFX)
Beachline East Expressway
Beachline West Expressway
Cocoa
St. Cloud
Orlando International Airport
Toll Plaza - CFX
Interchange With Toll Collection
Interchange With No Toll Collection
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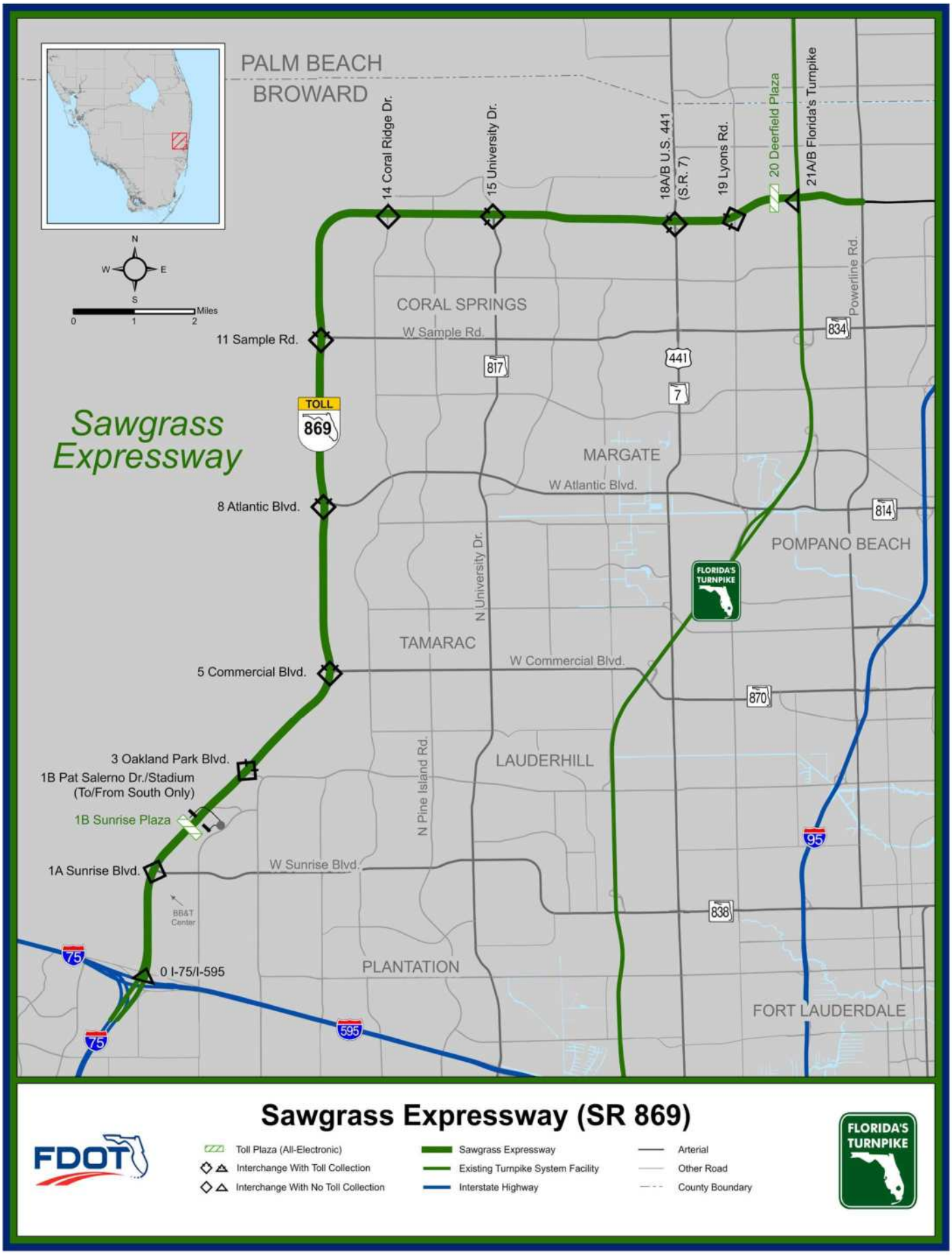
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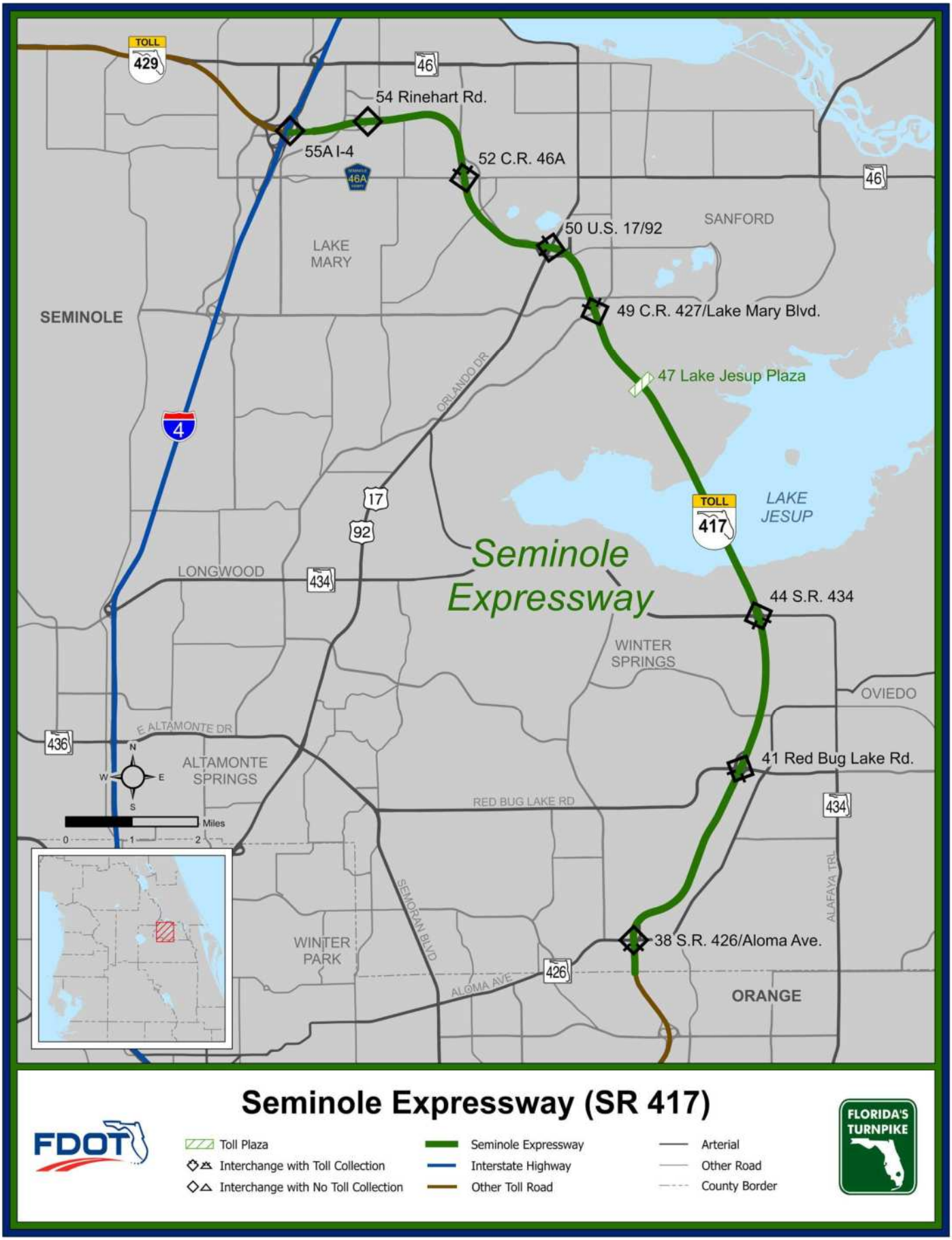
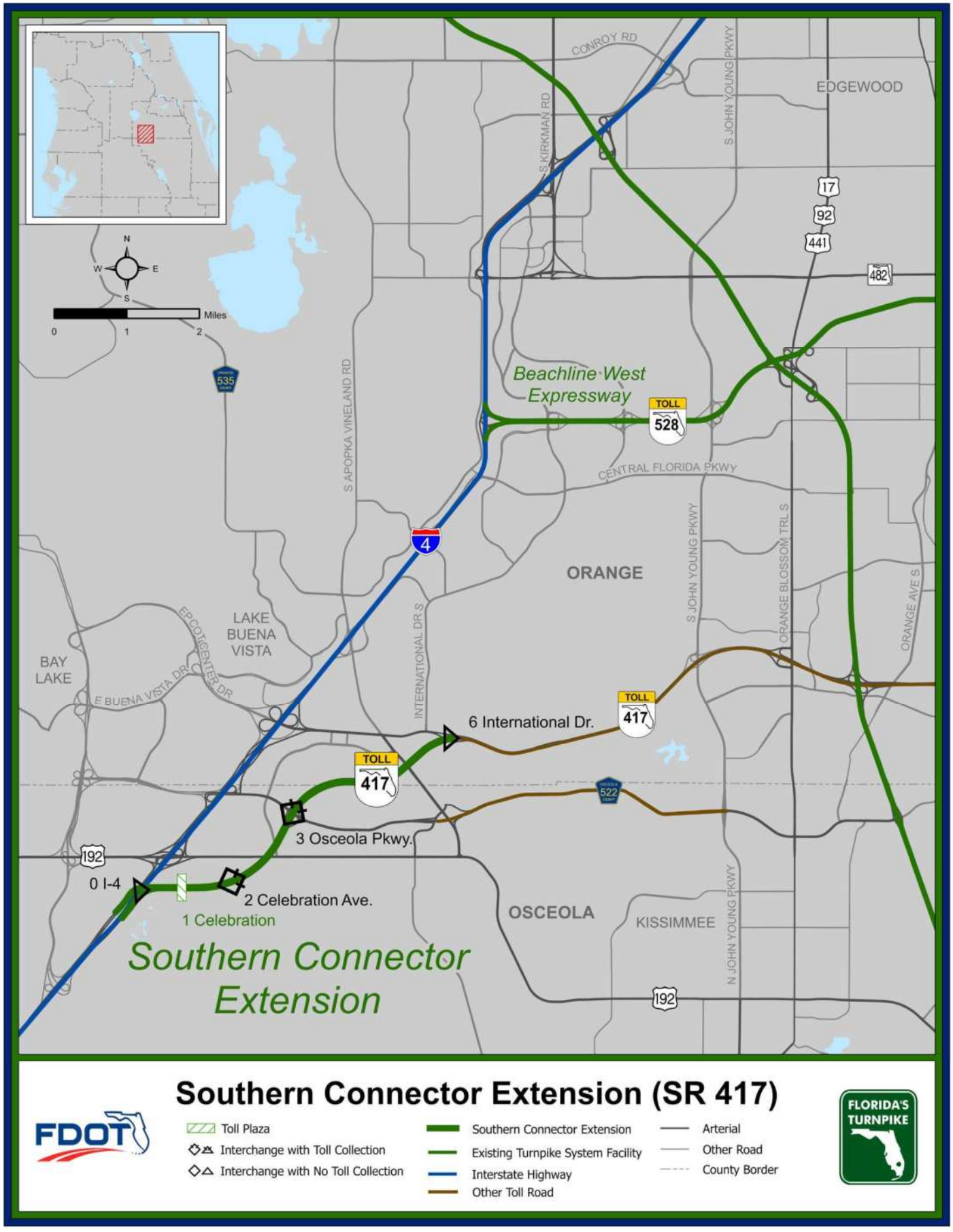
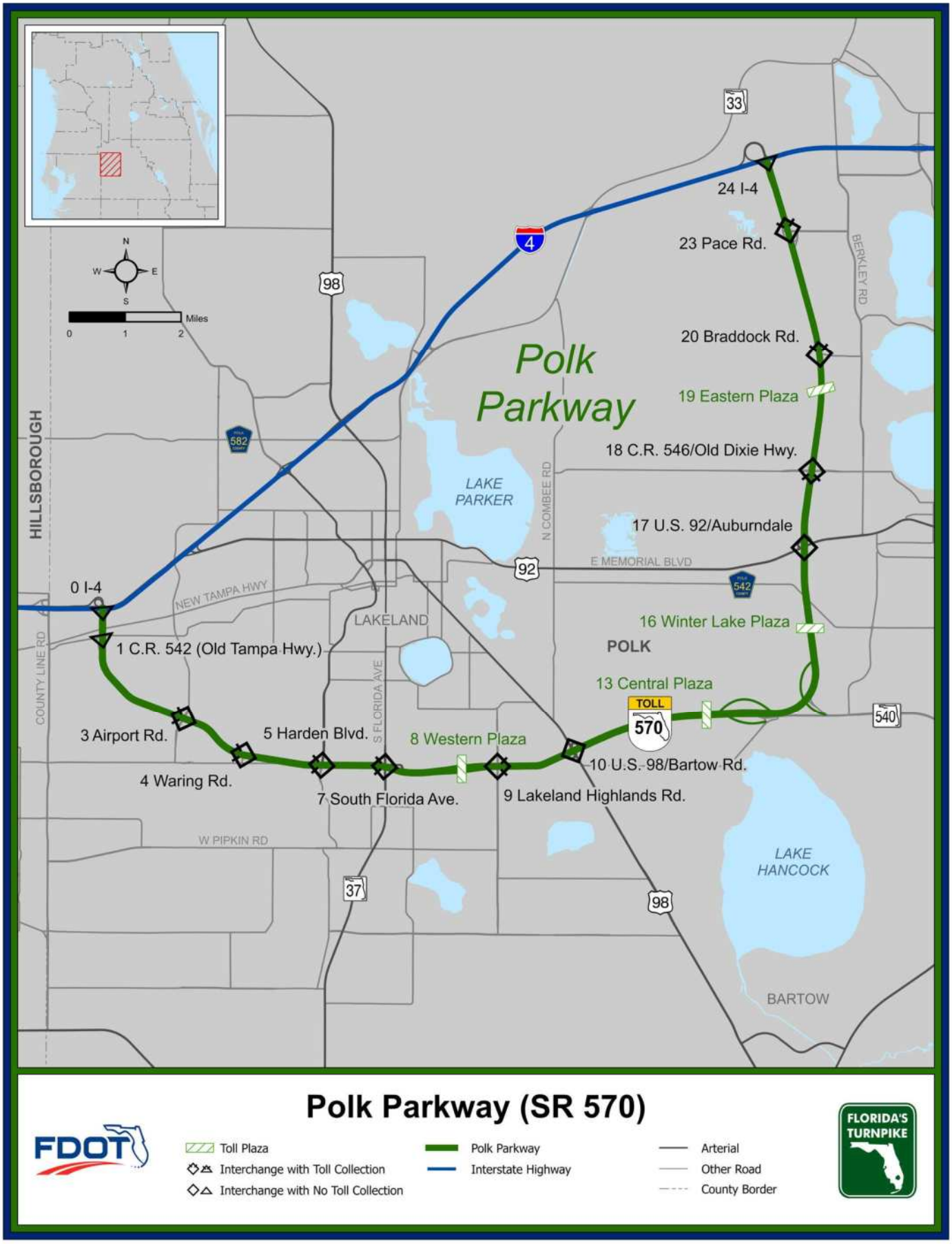
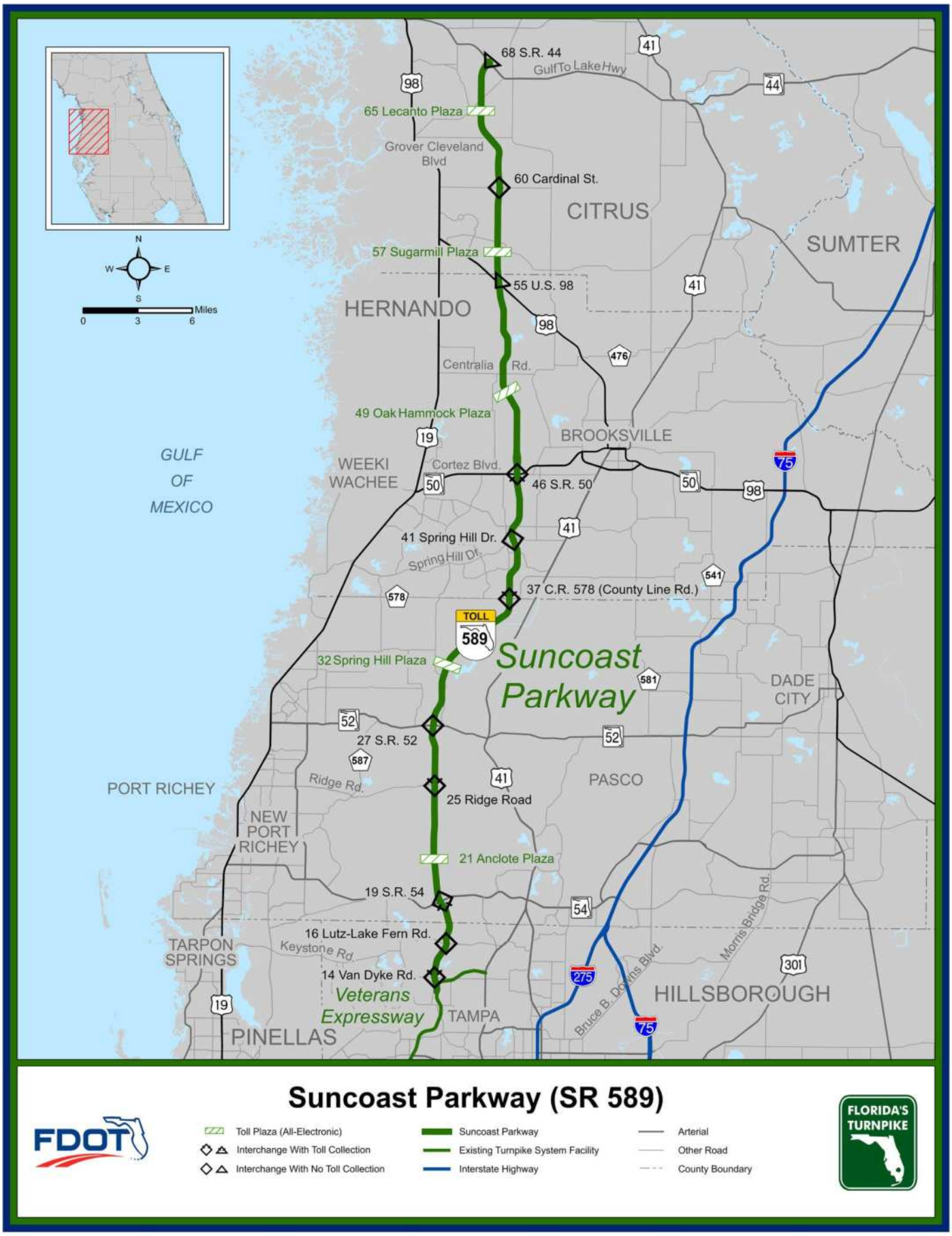
18A/B U.S. 441 (S.R. 7)
19 Lyons Rd.
20 Deerfield Plaza
21A/B Florida's Turnpike
Powerline Rd.
CORAL SPRINGS
W Sample Rd.
11 Sample Rd.
817
441
7
834
TOLL
869
Sawgrass Expressway
MARGATE
W Atlantic Blvd.
8 Atlantic Blvd.
814
POMPANO BEACH
N University Dr.
FLORIDA'S TURNPIKE
TAMARAC
W Commercial Blvd.
5 Commercial Blvd.
870
3 Oakland Park Blvd.
1B Pat Salerno Dr./Stadium (To/From South Only)
LAUDERHILL
N Pine Island Rd.
1B Sunrise Plaza
95
1A Sunrise Blvd.
W Sunrise Blvd.
BB&T Center
838
75
0 I-75/I-595
PLANTATION
595
FORT LAUDERDALE
N
W
E
S
Miles
0
1
2
Sawgrass Expressway (SR 869)
FDOT
Toll Plaza (All-Electronic)
Interchange With Toll Collection
Interchange With No Toll Collection
Sawgrass Expressway
Existing Turnpike System Facility
Interstate Highway
Arterial
Other Road
County Boundary
FLORIDA'S TURNPIKE

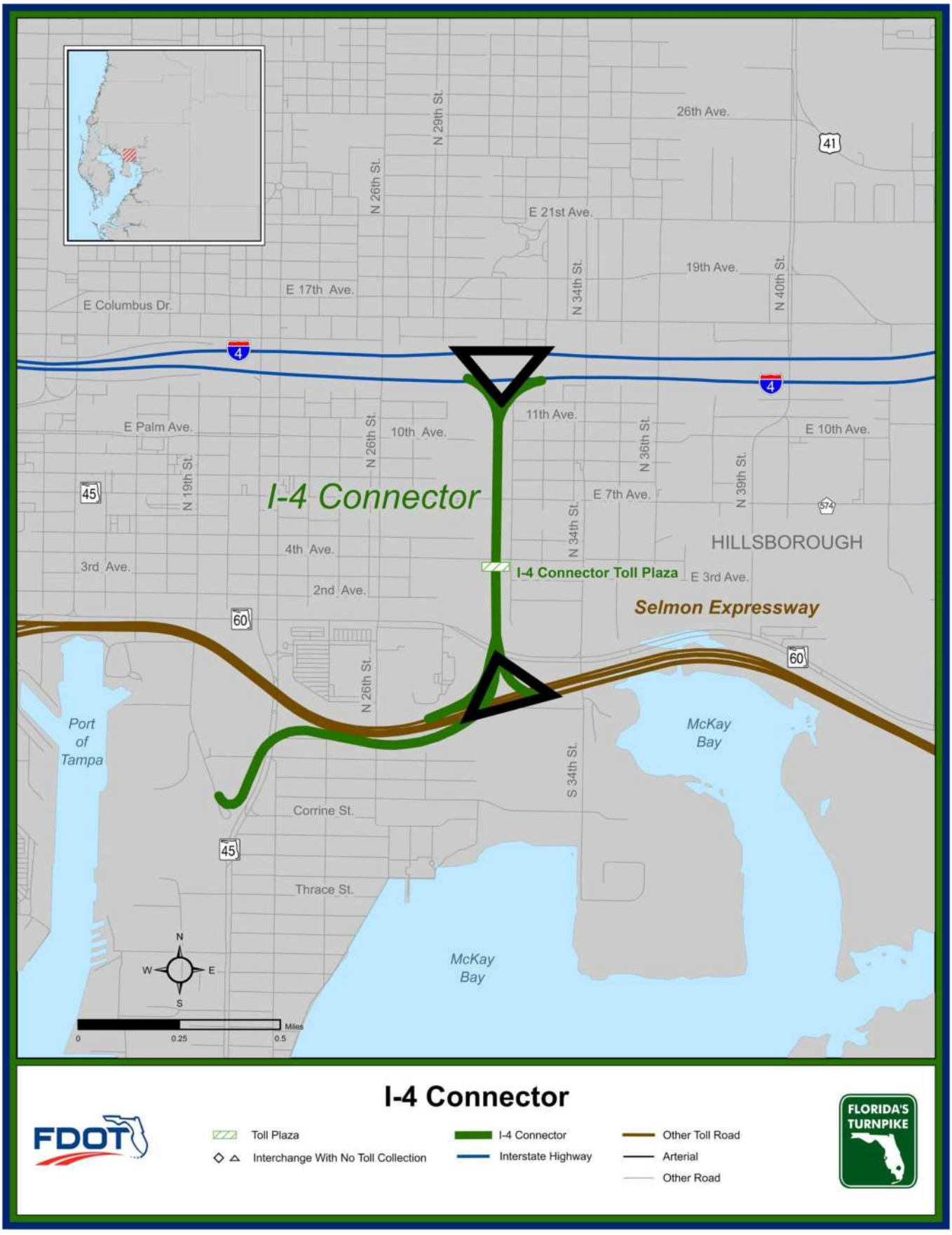

TOLL
429
46
54 Rinehart Rd.
55A I-4
52 C.R. 46A
46
SANFORD
50 U.S. 17/92
LAKE
MARY
SEMINOLE
49 C.R. 427/Lake Mary Blvd.
47 Lake Jesup Plaza
ORLANDO DR
4
17
92
TOLL
417
LAKE
JESUP
Seminole
Expressway
LONGWOOD
434
44 S.R. 434
WINTER
SPRINGS
OVIEDO
436
E ALTAMONTE DR
ALTAMONTE
SPRINGS
41 Red Bug Lake Rd.
RED BUG LAKE RD
434
N
W
E
S
Miles
0
1
2
SEMORAN BLVD
ALAFAYA TRL
WINTER
PARK
38 S.R. 426/Aloma Ave.
426
ALOMA AVE
ORANGE
Seminole Expressway (SR 417)
FDOT
Toll Plaza
Interchange with Toll Collection
Interchange with No Toll Collection
Seminole Expressway
Interstate Highway
Other Toll Road
Arterial
Other Road
County Border
FLORIDA'S
TURNPIKE

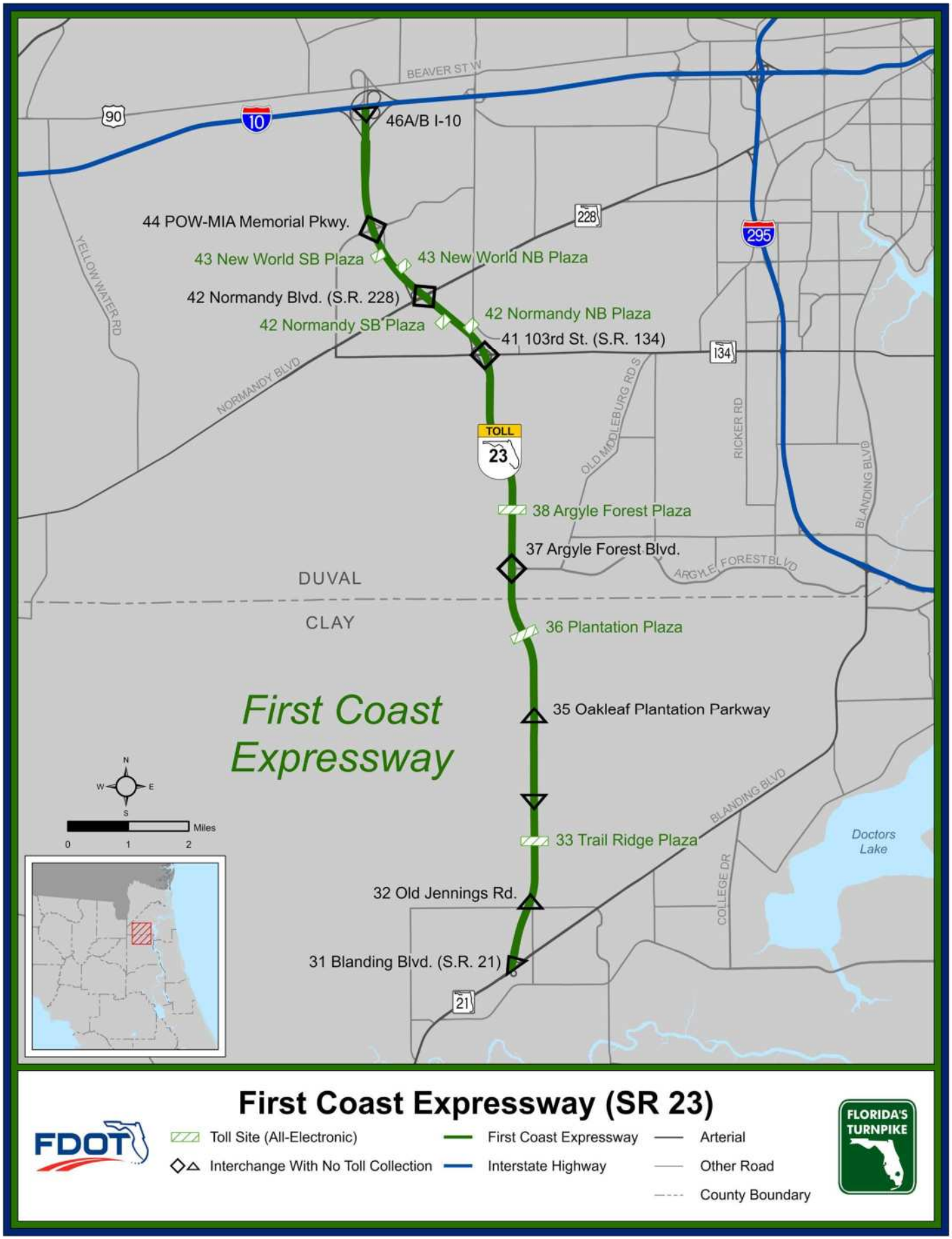

CONROY RD
S KIRKMAN RD
S JOHN YOUNG PKWY
EDGEWOOD
17
92
441
482
N
W
E
S
Miles
0
1
2
535
S APOPKA VINELAND RD
Beachline West Expressway
TOLL
528
CENTRAL FLORIDA PKWY
4
ORANGE
INTERNATIONAL DR S
S JOHN YOUNG PKWY
ORANGE BLOSSOM TRL S
ORANGE AVE S
LAKE BUENA VISTA
BAY LAKE
EPCOT CENTER DR
E BUENA VISTA DR
6 International Dr.
TOLL
417
TOLL
417
522
3 Osceola Pkwy.
192
0 I-4
2 Celebration Ave.
1 Celebration
OSCEOLA
KISSIMMEE
N JOHN YOUNG PKWY
192
Southern Connector Extension
Southern Connector Extension (SR 417)
FDOT
Toll Plaza
Interchange with Toll Collection
Interchange with No Toll Collection
Southern Connector Extension
Existing Turnpike System Facility
Interstate Highway
Other Toll Road
Arterial
Other Road
County Border
FLORIDA'S TURNPIKE


Suncoast Parkway
TOLL
589
Lutz-Lake Fern Rd.
16 Dale Mabry Hwy.
Van Dyke Rd.
685A
13 Suncoast Parkway
Gunn Hwy.
Dale Mabry Hwy.
12 Hutchison Rd.
597
11 Sugarwood Plaza
Ehrlich Rd.
10 Ehrlich Rd.
Race Track Rd.
Veterans Expressway
9 Gunn Hwy.
Fletcher Ave.
HILLSBOROUGH
589
Gunn Hwy.
587
Anderson Rd.
N Florida Ave.
N Nebraska Ave.
8 Wilsky Blvd.
7 Linebaugh Ave.
Linebaugh Ave.
6 Anderson Plaza
6B Anderson Rd.
Busch Blvd
580
W Hillsborough Ave.
584
6A Waters Ave
Waters Ave.
580
41
Sheldon Rd.
Hanley Rd.
TOLL
589
W Sligh Ave.
275
4 Hillsborough Ave.
580
Hillsborough Ave.
92
OLD TAMPA BAY
576
Tampa International Airport
3 Memorial Hwy.
Dale Mabry Hwy.
N Armenia Ave.
Dr. Martin Luther King Jr. Blvd.
2B Independence Pkwy.
Courtney Campbell Cswy.
60
2A Clearwater (S.R. 60 West)
Columbus Dr.
4
TAMPA
275
N
W
E
S
Miles
0
1
2
Veterans Expressway (SR 589)
FDOT
Toll Plaza (All-Electronic)
Interchange With Toll Collection
Interchange With No Toll Collection
Veterans Expressway
Existing Turnpike System Facility
Interstate Highway
Arterial
Other Road
County Boundary
FLORIDA'S TURNPIKE


Polk Parkway
24 I-4
23 Pace Rd.
20 Braddock Rd.
19 Eastern Plaza
18 C.R. 546/Old Dixie Hwy.
17 U.S. 92/Auburndale
16 Winter Lake Plaza
13 Central Plaza
TOLL
570
10 U.S. 98/Bartow Rd.
9 Lakeland Highlands Rd.
8 Western Plaza
7 South Florida Ave.
5 Harden Blvd.
4 Waring Rd.
3 Airport Rd.
1 C.R. 542 (Old Tampa Hwy.)
0 I-4
HILLSBOROUGH
POLK
LAKELAND
BARTOW
LAKE PARKER
LAKE HANCOCK
NEW TAMPA HWY
E MEMORIAL BLVD
W PIPKIN RD
N COMBEE RD
S FLORIDA AVE
COUNTY LINE RD
BERKLEY RD
Miles
0 1 2
Polk Parkway (SR 570)
FDOT
Toll Plaza
Interchange with Toll Collection
Interchange with No Toll Collection
Polk Parkway
Interstate Highway
Arterial
Other Road
County Border
FLORIDA'S TURNPIKE


68 S.R. 44
Gulf To Lake Hwy
65 Lecanto Plaza
Grover Cleveland Blvd
60 Cardinal St.
CITRUS
SUMTER
57 Sugarmill Plaza
55 U.S. 98
HERNANDO
Centralia Rd.
49 Oak Hammock Plaza
BROOKSVILLE
GULF OF MEXICO
WEEKI WACHEE
Cortez Blvd.
46 S.R. 50
41 Spring Hill Dr.
Spring Hill Dr.
37 C.R. 578 (County Line Rd.)
TOLL 589
Suncoast Parkway
32 Spring Hill Plaza
DADE CITY
27 S.R. 52
PORT RICHEY
Ridge Rd.
25 Ridge Road
PASCO
NEW PORT RICHEY
21 Anclote Plaza
19 S.R. 54
16 Lutz-Lake Fern Rd.
Keystone Rd.
TARPON SPRINGS
14 Van Dyke Rd.
Veterans Expressway
TAMPA
HILLSBOROUGH
PINELLAS
Bruce B. Downs Blvd.
Morris Bridge Rd.
N
W
E
S
Miles
0 3 6
Suncoast Parkway (SR 589)
FDOT
Toll Plaza (All-Electronic)
Interchange With Toll Collection
Interchange With No Toll Collection
Suncoast Parkway
Existing Turnpike System Facility
Interstate Highway
Arterial
Other Road
County Boundary
FLORIDA'S TURNPIKE


I-4 Connector
I-4 Connector Toll Plaza
Selmon Expressway
HILLSBOROUGH
Port of Tampa
McKay Bay
McKay Bay
26th Ave.
E 21st Ave.
19th Ave.
E 17th Ave.
E Columbus Dr.
11th Ave.
E Palm Ave.
10th Ave.
E 10th Ave.
E 7th Ave.
4th Ave.
3rd Ave.
2nd Ave.
E 3rd Ave.
Corrine St.
Thrace St.
N 29th St.
N 26th St.
N 34th St.
N 40th St.
N 36th St.
N 39th St.
N 19th St.
S 34th St.
41
4
45
60
574
N
W
E
S
0
0.25
0.5
Miles
I-4 Connector
Toll Plaza
Interchange With No Toll Collection
I-4 Connector
Interstate Highway
Other Toll Road
Arterial
Other Road
FDOT
FLORIDA'S TURNPIKE


BEAVER ST W
90
10
46A/B I-10
44 POW-MIA Memorial Pkwy.
43 New World SB Plaza
43 New World NB Plaza
42 Normandy Blvd. (S.R. 228)
42 Normandy NB Plaza
42 Normandy SB Plaza
41 103rd St. (S.R. 134)
228
295
134
YELLOW WATER RD
NORMANDY BLVD
OLD MIDDLEBURG RD S
RICKER RD
BLANDING BLVD
TOLL
23
38 Argyle Forest Plaza
37 Argyle Forest Blvd.
ARGYLE FOREST BLVD
DUVAL
CLAY
36 Plantation Plaza
First Coast Expressway
35 Oakleaf Plantation Parkway
33 Trail Ridge Plaza
Doctors Lake
COLLEGE DR
32 Old Jennings Rd.
31 Blanding Blvd. (S.R. 21)
21
N
W
E
S
Miles
0
1
2
First Coast Expressway (SR 23)
FDOT
Toll Site (All-Electronic)
Interchange With No Toll Collection
First Coast Expressway
Interstate Highway
Arterial
Other Road
County Boundary
FLORIDA'S TURNPIKE


MILTON
87
90
281
10
ESCAMBIA
291
191
ESCAMBIA BAY
SANTA ROSA
EAST BAY
110
PENSACOLA
5 Garcon Point Bridge Plaza
TOLL
281
Garcon Point Bridge
PENSACOLA BAY
98
98
N
W
E
S
Miles
0
1.5
3
SANTA ROSA SOUND
399
GULF OF MEXICO
Garcon Point Bridge (SR 281)
FDOT
Toll Plaza
Garcon Point Bridge
Interstate Highway
Arterial
Other Road
County Boundary
FLORIDA'S TURNPIKE

Appendix B: Inspection Rating Procedures for Roadways, Structures, and Building Facilities

A. Roadway Rating Procedure

The Roadway Rating Procedure developed by the Enterprise and AtkinsRéalis is described in Section 1.2.3 of this report. Ratings and descriptions of the numerical grading system are shown in **Table 4** of this report. This information is entered directly into a database on a GPS-enabled tablet in the field for later compilation and reporting for each roadway. Inspection results are identified by roadway / ramp segment and lane direction. Roadway elements and their characteristics are shown in **Appendix B – Table 1** below.

Table 1: RRP Roadway Elements and Characteristics

Roadway		Roadside	Vegetation / Aesthetics
Cracking	Pothole	Fence	Landscape
Depression	Rutting	Front Slope	Litter Removal
Edge Ravel	Shoving	Sidewalk	Roadway Mowing
Joint	Stripping	Slope Protection	Slope Mowing
Paved Shoulder		Soil Shoulder	Tree Trim
Pavement Void			Turf Condition
Drainage		**Traffic Services**	
Cross Drain	Roadside Ditch	Attenuator	Pavement Symbol
Curb Inlet	Roadway Sweep	Barrier Wall	Sign Light
Median Ditch		Guardrail	Signs Greater Than 30 SF
Misc. Inlet		Highway Light	Signs Less Than 30 SF
Outfall Ditch		Object Marker	Striping
Rip Rap		Pavement Marker	

B. Structures Rating Procedures

All structures are inspected on a biennial basis except for large non-qualifying culverts which are inspected every 6 years. Structure assets consist of four major elements: bridges, large non-qualifying culverts, overhead sign structures, and high mast light towers.

Bridge Rating Procedure

Security concerns prohibit publishing detailed bridge reports outlining component deficiencies in this report. Bondholders may request bridge reports from the individual FDOT Maintenance Districts where the bridges are located.

The biennial inspection for fixed bridges is based on three main components comprised of a total of 93 characteristics and 117 sub-characteristics. A numerical grade is generated for each characteristic based on the rating scale shown in **Appendix B - Table 2** below.

Table 2: Bridge Inspection Rating Scale

Grade	Rating	Description
9	Excellent	All elements are in excellent condition.
8	Very Good	There were no problems noted.
7	Good	Element has some minor problems. Minor maintenance may be needed.
6	Satisfactory	Element shows some minor deterioration. Maintenance may be needed.
5	Fair	Element is sound but may have minor section loss. Minor rehabilitation may be needed.
4	Poor	Element exhibits advanced section loss. Major rehabilitation may be needed.
3	Serious	Element has loss of section that has seriously affected the structure. Repair or rehabilitation is required immediately.
2	Critical	Element shows advanced deterioration. It may be necessary to close the bridge until corrective action is taken.
1	Imminent Failure	Bridge is closed to traffic. Corrective action may permit light service.
0	Failed	Bridge is out of service and beyond corrective action.

Overhead Sign Structures Rating Procedure

The condition of overhead sign structures is determined based on the biennial inspection of three characteristics:

1. Overlane Sign Structure Foundation
2. Overlane Sign Structure Horizontal Member
3. Overlane Sign Structure Vertical Member

The standard rating scale is shown in **Appendix B - Table 3**.

Table 3: Overhead Sign Structures Inspection Rating Scale

Grade	Rating	Description
8-9	Excellent	Performs function with high degree or reliability and/or effectiveness.
6-7	Good	Performs intended function with small reduction and/or effectiveness.
5	Fair	Performs intended function with significant reduction in reliability and/or effectiveness. Repair or replacement may be required.
4-0	Poor	Does not perform intended function in an acceptable level of reliability and/or effectiveness. Repair or replacement is required.

High Mast Light Tower Rating Procedure

The condition of high mast light towers is determined based on the biennial inspection of two characteristics:

1. High Mast Light Pole Foundation
2. High Mast Light Poles

The standard rating scale is shown in **Appendix B - Table 4** below.

Table 4: High Mast Light Tower Inspection Rating Scale

Grade	Rating	Description
8-9	Excellent	Performs function with high degree or reliability and/or effectiveness.
6-7	Good	Performs intended function with small reduction and/or effectiveness.
5	Fair	Performs intended function with significant reduction in reliability and/or effectiveness. Repair or replacement may be required.
4-0	Poor	Does not perform intended function in an acceptable level of reliability and/or effectiveness. Repair or replacement is required.

C. Building Rating Procedures

The annual building inspection is based on 15 elements and 101 characteristics. The building type dictates the specific report form that is used in field inspection. The general elements and their respective characteristics are listed in **Appendix B - Table 5**. The standard Building Inspection Rating Scale is shown in Section 1.2.5.

Table 5: Building Elements and Characteristics - FTE System (All Zones)

Grade	Rating	Description
10	Excellent	No action necessary.
9	Very Good	No unsatisfactory characteristics noted.
8	Good	Some minor unsatisfactory characteristics noted; minor maintenance may be required.
7	Satisfactory	Characteristic shows some minor deterioration; maintenance may be required.
6	Fair	Characteristic is sound but may have some minor loss of function; minor rehabilitation may be required.
5	Degraded	Characteristic shows partial function loss; rehabilitation may be required.
4	Serious	Loss of function has seriously affected this characteristic; repair or rehabilitation is required soon to maintain functionality.
3	Critical	Advanced loss of function is present and may be necessary to stop the function until corrective action can be taken.
2	Imminent Failure	Characteristic is not functioning; immediate corrective action may forestall the complete failure.
1	Failed	Characteristic is out of service and beyond corrective action.

Appendix C: Selected Photographs of Desired / Undesired Conditions

Figure 1: Undesirable Pavement Condition - Class III Cracking

Figure 2: Desired Pavement Condition

Figure 3: Undesirable Fence Condition - Damaged Fence Post

Figure 4: Desired Fence Condition

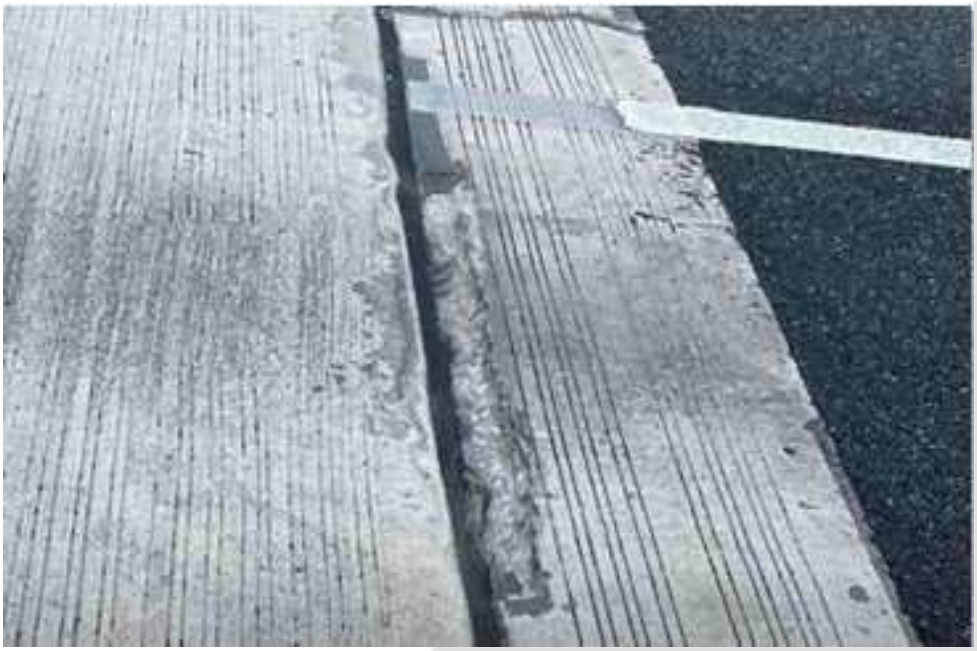


Figure 5: Undesirable Joint Condition

Figure 6: Desired Joint Condition

Figure 7: Undesirable Pavement Symbol / Cracking

Figure 8: Desired Pavement Symbol

Figure 9: Undesirable Shoulder Gutter

Figure 10: Desired Shoulder Gutter

Figure 11: Undesirable Turf Condition - Front Slope

Figure 12: Desired Turf Condition