

PALM BEACH
Transportation
Planning Agency

TRANSPORTATION IMPROVEMENT PROGRAM

FY 2021-202

Adopted June 18, 2020

EXECUTIVE SUMMARY

PalmBeachTPA.org/TIP



PALM BEACH Transportation Planning Agency

TRANSPORTATION IMPROVEMENT PROGRAM

FY 2021-2025

This Transportation Improvement Program was developed consistent with federal and state requirements. State and federally funded projects were approved by the Palm Beach TPA on June 18, 2020.



TPA Chair Maria Marino, City of Palm Beach Gardens - Vice Mayor

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FY 2021 - 2025
TRANSPORTATION IMPROVEMENT PROGRAM
PALM BEACH TPA

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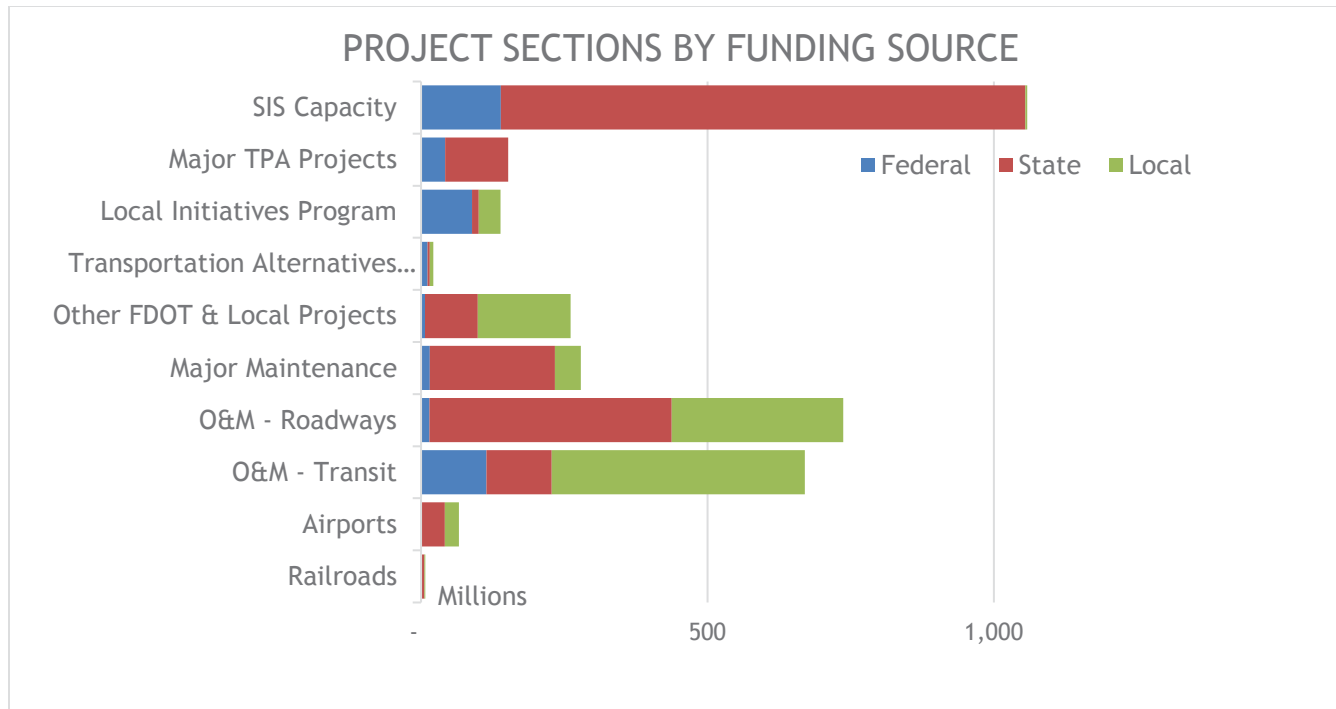
EXECUTIVE SUMMARY

The Transportation Improvement Program (TIP) is the five-year funding program for regionally significant transportation projects covering all modes of travel in Palm Beach County. The TIP is developed through a continuous, cooperative and comprehensive effort involving the Florida Department of Transportation (FDOT), the Board of County Commissioners, the Port of Palm Beach, South Florida Regional Transportation Authority and municipalities within the County. Consultation is also carried out with the Miami-Dade TPO and Broward MPO during the TIP process. The document complies with the requirements set forth in Section 134 of Title 23, USC and 23 CFR 450.324.

The TIP identifies transportation improvements funded by federal, state and local sources. The TIP is based on the FDOT's Fiscal Year (FY) 21-25 Work Program, and generally moves forward the projects in the timeframe from previous TIPs. Please note that the identified projects may experience unforeseen changes and the FDOT work program and TIP may be amended throughout the year.

To provide continuity and ease of use, the projects in the TIP have been aggregated by section, as shown in the graph and table below.

PROJECT TYPE	# OF PROJECTS	FUNDING	% OF TOTAL
Strategic Intermodal System (SIS) Capacity	29	\$1,057,997,673	31.2%
Major TPA Projects	31	\$152,269,841	4.5%
Local Initiatives Program	74	\$138,763,290	4.1%
Transportation Alternatives Program	20	\$21,356,198	0.6%
Other FDOT & Local Projects	124	\$261,178,378	7.7%
Major Maintenance	17	\$278,732,458	8.2%
Operations & Maintenance (O&M) - Roadways	121	\$737,137,356	21.7%
O&M - Transit	3	\$571,480,695	19.8%
Airports	40	\$66,067,376	1.9%
Railroads	13	\$7,175,680	0.2%
TOTAL TIP FY 2021-2025	472	\$3,292,158,945	100%



Time Frame

This document includes a five-year implementation schedule for Fiscal Year 2021 through Fiscal Year 2025 following the federal fiscal calendar beginning October 1st and ending September 30th (i.e. Fiscal Year 2021 addresses the dates of October 1, 2020 to September 30, 2021). Projects utilizing state funds are based on a fiscal year beginning July 1st and ending June 30th.

Certification Review

The Palm Beach TPA undergoes a certification review process annually with FDOT and a quadrennial review with Federal Highway Administration (FHWA) and Federal Transit Administration (FTA). The certification review process ensures the TPA is carrying out the metropolitan planning process in adherence with federal and state regulations. The last joint FHWA and FTA Certification Review was completed on April 11, 2019. The last Joint State/TPA Certification Review was completed on April 18, 2019.

Prioritization of Projects

The TIP includes specific investment projects that support the TPA's established goals in the adopted 2045 Long Range Transportation Plan (LRTP). Major projects, Local Initiatives, and Transportation Alternatives are scored based on the goals of the LRTP and prioritized for inclusion in the TIP.

The adopted LRTP was prepared using estimates of available revenues and project and program costs and is presumed to be cost feasible. The LRTP is referenced in local comprehensive plans and seeks consistency with these plans to the maximum extent feasible. The TPA adopted a list of Priority Projects from the LRTP in July and transmitted them to FDOT for use in preparing the tentative Work Program - these are included in Appendix B and highlighted in the summary of projects section. FDOT then developed the Draft Tentative Work Program and provided the schedule of projects for creation of the TIP. Major projects are screened through the State's Efficient Transportation Decision Making (ETDM) review process. This review provides for an early examination of the projects, allowing for timely and effective decision making and early National Environmental Policy Act (NEPA) reviews and approvals.

The LRTP Report Card, below, provides the implementation status breakdown of cost feasible projects identified in the adopted 2045 LRTP. The table summarizes projects by category, number of projects, and their status: underway or already complete, programmed through construction in the TIP, programmed but no construction programmed in TIP, and not yet programmed. Specific projects are not identified for Local Initiatives, Transportation Alternatives, and Air, Rail & Sea in the LRTP.

Project Category	LRTP 2045 Cost Feasible Plan	Fiscal Year 21-25 TIP			
		Underway/ Complete	In TIP with CST Phase	In TIP w/o CST Phase	Not Programmed
SIS, Turnpike	40	2	11	16	11
TPA Major Projects	25	0	6	1	18
State Road Modifications	N/A	N/A	N/A	N/A	N/A
*Local Initiatives	N/A	6	26	0	N/A
*Transportation Alternatives	N/A	3	13	0	N/A
County, City, Private	85	7	19	6	53
*Air, Rail, Sea	N/A	N/A	31	0	N/A

*N/A is noted because specific projects for the Local Initiatives, Transportation Alternatives, and Air, Rail and Sea categories are not indicated in the LRTP

Public Participation Process

The public participation process for the Draft FY 2021-2025 TIP is in accordance with the policies and procedures of the TPA's Public Participation Plan. Appendix C provides detailed information on the schedule and outreach opportunities for the public to review the Draft FY 2020-2024 TIP. More information on the TPA's public participation process can be found at PalmBeachTPA.org/public-participation-plan

PROJECT SECTIONS IN THE TIP

The projects in the TIP are presented in major categories that are explained in greater detail below.

SIS Capacity - Strategic Intermodal System projects are prioritized by FDOT to support regional mobility.

Major TPA Projects - The TPA Governing Board annually prioritizes major highway, transit and freight projects from the Cost Feasible Plan based on the Goals, Objectives and Values in the LRTP and CMP.

Local Initiatives Program - Lower cost, non-regionally significant projects submitted to the TPA annually by local agencies and prioritized using a project scoring system based on the goals, objectives and values in the LRTP and prioritized through the TPA Governing Board.

Transportation Alternatives Program - Active transportation projects submitted to the TPA annually by local agencies and prioritized through the TPA Governing Board.

Shared-Use Nonmotorized (SUN) Trail Network - Local governments may submit projects annually to the TPA for prioritization to seek state funding for project implementation. Projects must be paved non-motorized trails on the priority network established by the Florida Office of Greenways and Trails (OGT).

Other FDOT and Local Projects - These projects are advanced by agencies other than the TPA with outside discretionary funding sources (e.g. local gas taxes, local impact fees, county incentive grant funds, highway safety program funds, etc.).

Major Maintenance - Projects proposed by the maintaining agencies based on the condition of the transportation infrastructure. These are larger projects representing an opportunity to enhance existing facilities through scope modifications or additions.

O&M - Roadways - Operations and maintenance projects proposed by the maintaining agencies based on the condition of the transportation infrastructure and the need to operate it efficiently.

O&M - Transit - Projects proposed by the transit agencies to continue to operate existing services.

Airports, Railroads and Seaports - Projects identified by facility owner/operators consistent with their respective master plans.

FEDERAL PERFORMANCE MEASURES

Performance measures provide is a strategic approach to connect investment and policy decisions to achieve the goals adopted in the TPA's Long Range Transportation Plan (LRTP). The TPA's aim is to provide measures that use data-driven, quantitative criteria to set and analyze achievable targets. Using a performance-based method ensures the most efficient investment of federal transportation funds by increasing accountability, transparency, and providing for better investment decisions that focus on key outcomes. The TPA is required to adopt targets for established federal performance measures based on national goals enacted by Congress in Moving Ahead for Progress in the 21st Century (MAP-21). The TPA's adopted federal performance measures and targets are summarized in the table on the following page.

Please refer to Appendix D for more information on the federal performance measures.

Federal Performance Measures and Targets

Category	Performance Measure	TPA Target
Safety	Fatalities	Zero (2020)
	Serious Injuries	Zero
	Rate of Serious Injuries per 100M VMT	Zero
	Rate of Fatalities per 100M VMT	Zero
	Nonmotorized Fatalities and Serious Injuries	Zero
System Performance	Percent of reliable person-miles traveled on the Interstate	≥ 85% (2024)
	Percent of reliable person-miles traveled on the non-Interstate NHS	≥ 93%
	Truck travel time reliability ratio (TTTR) on the Interstate	≤ 1.8
Bridges	Percent of NHS bridges classified as in Good condition by deck area	≥ 50% (2024)
	Percent of NHS bridges classified as in Poor condition by deck area	≤ 5%
Pavement	Percent of Interstate pavements in Good condition	≥ 60% (2023)
	Percent of Interstate pavements in Poor condition	≤ 5%
	Percent of non-Interstate NHS pavements in Good condition	≥ 40%
	Percent of non-Interstate NHS pavements in Poor condition	≤ 5%
Transit (Palm Tran)	Percent of Vehicles exceeding useful life	(2020)
<i>Vehicles</i>	Vehicles - Articulated Bus	≤ 10%
	Vehicles - Fixed Route Bus	≤ 10%
	Vehicles - Paratransit Bus	≤ 10%
	Vehicles - Paratransit Van	≤ 10%
<i>Equipment</i>	Percent of Equipment exceeding useful life	
	Equipment - Automobiles	≤ 20%
	Equipment - Trucks	≤ 20%
<i>Facilities</i>	Percent of Facilities exceeding useful life	≤ 0%
Transit (SFRTA)		
<i>Equipment</i>	Support & Maintenance Vehicles older than 8yrs	≤ 0%
	Other vehicles scoring lower than 2.5 (1-5 scale)	≤ 0%
<i>Rolling Stock</i>	Locomotives, Coach cars, self-propelled cars older than 39 yrs.	≤ 0%
	Bus (Cutaway) older than 10 yrs.	≤ 0%
	Rail fixed-guideway track with performance restrictions	≤ 8%
<i>Infrastructure</i>	Passenger terminals scoring lower than 2.5 (1-5 scale)	≤ 30%
<i>Facilities</i>	Maintenance facilities scoring lower than 2.5 (1-5 scale)	≤ 30%
	Administrative offices scoring lower than 2.5 (1-5 scale)	≤ 5%

SUMMARY OF PROJECTS

The following tables highlight the status of TPA Priority Projects, projects scheduled for construction in FY 2020, and some of the more significant changes between the Adopted FY 20-24 TIP and the FY 21-25 TIP. A typical project includes a Project Development and Environment (PD&E) phase, a Design (PE) phase, a Right of Way (ROW) phase and a Construction (CST) phase.

Project Phases

CODE	NAME
CAP	Capital
CST	Construction Scheduled
DSB	Design Build
ENV	Environmental
INC	Contract Incentives
MNT	Maintenance
MSC	Miscellaneous Construction Scheduled

CODE	NAME
OPS	Operations
PDE	Project Development and Environmental
PE	Preliminary Engineering Scheduled
PLN	Planning Scheduled
ROW	Right of Way Acquisition Scheduled
RRU	Railroad & Utilities

For a full list of definitions and acronyms, see Appendix A. Funding code descriptions are available in the funding summary table on pages 21-23.

Table 1: Major Highway, Transit and Freight Projects

Shown in \$1,000s

Rank	Lead Agency	Proj. No.	Location	Description	Total Cost	<FY 21							Needs	Notes				
	FY 21						FY 22		FY23		FY24				FY25			
06-1	FDOT	2296646 2296643	SR-7 from 60th St to Northlake Blvd	Construct new 4 lane road	\$61,682	\$8,082	ROW	\$121	ROW	\$131	ROW	\$100			ENV	\$2,856		
									CST	\$50,278	CST	\$115						
06-2	FDOT	2296647	SR-7 from Okeechobee Blvd to 60th St	Widen from 2 to 4 lanes	\$24,564	\$4,116			CST	\$20,357	CEI	\$91						
15-1	AAF/ Brightline	4353432	FEC Railroad Crossings from 15th St in West Palm Beach to Martin County Line	Install Safety/Quiet Zone infrastructure on FEC corridor	\$2,989	\$2,239	CST	\$750										
15-2	SFRTA	4297671	Tri Rail Northern Layover Facility: CSX tracks E of I-95 in Mangonia Park/WPB	Construct new facility to enhance O&M for existing system and support Jupiter extension	\$44,150	\$36,150	DSB	\$3,417			DSB	\$4,583						
15-3	FDOT/ SFRTA	4170317	Tri Rail: West Palm Beach to Jupiter	Extend commuter rail service onto the FEC corridor via the Northwood Crossover and construct 5 new stations – 45th St, 13th St, Park Ave, PGA Blvd, and Toney Penna Dr.	\$109,522	\$1,172			PDE	\$1,350							\$107,000	Requires O&M and access rights
16-1	FDOT	2296584	Atlantic Ave from SR 7 to E of Lyons Rd	Widen from 2 to 4 lanes, including buffered bike lanes and 6-ft sidewalks	\$28,423	\$3,139	ROW	\$10,424	CST	\$150	CST	\$14,702						CST moved from FY 22 to FY 23
							ENV	\$9										
17-1	FDOT/ Palm Tran	4383861	US 1: Camino Real Rd to Indiantown Rd	New BRT-lite with associated multimodal corridor improvements														
17-1a	Palm Tran	4383863	US 1: Palmetto Park Rd to Northlake Blvd	Implement Transit Signal Prioritization for entire corridor	\$2,000						CST	\$2,000						
17-1b	FDOT/ Palm Tran	4383864	US 1: Palmetto Park Rd to Northlake Blvd	Construct 22 enhanced transit shelters within existing ROW	\$5,223				PE	\$785	PE	\$37					\$4,400	
17-1c	FDOT/ Boca Raton	4383865	US 1: Camino Real to NE 8th St/Mizner Blvd in Boca Raton	Lane Repurposing from 6L to 4L between Camino Real and SE Mizner Blvd, separated/buffered bike lanes, on-street parking, new mid-block pedestrian crossings and enhanced pedestrian crossings	\$5,253								PE	\$520	PE	\$1,500	\$3,233	Requires City reso and FDOT approval

Table 1: Major Highway, Transit and Freight Projects

Shown in \$1,000s

Rank	Lead Agency	Proj. No.	Location	Description	Total Cost	<FY 21						Needs	Notes
							FY 21	FY 22	FY23	FY24	FY25		
17-1d	FDOT/ WPB	4383866	US 1: 25th St to 42nd Street in West Palm Beach	Lane Repurposing from 5L to 3L; associated multimodal improvements including SUNTrail	\$11,413					PE \$520		\$10,893	PE moved from FY21 to FY 23. Requires City reso and FDOT approval
17-1e	FDOT	4383862	US 1: 59th St to Northlake Blvd in Riviera Beach and Lake Park	Reconstruct as 4L, add bike lanes and medians; move barrier wall on bridge to protect bike lanes; install mast arm signal at 20th, add street lights/ped-scale lights where feasible	\$8,134		PE \$1,500	ENV \$10	ENV \$10		CST \$6,614		Feasibility study underway
17-1f	FDOT/ N Palm Beach	4383867	US 1: Northlake to NPB Drawbridge in North Palm Beach	Lane Repurposing from 6L to 4L with separated bike lanes and furnishing zone	\$5,518					PE \$520		\$4,998	Requires City reso and FDOT approval
18-1	FDOT	4405751, 4452911	Atlantic Ave from W of Lyons Rd to Jog Rd	Widen from 4 to 6 lanes, including buffered bike lanes and 6-ft sidewalks	\$80,891	\$3,210		PE \$3,423		ROW \$13,000	ROW \$5,000	\$56,258	
19-1	FDOT/ Palm Tran	4417581	Okeechobee Blvd from SR 7 to US-1; SR-7 from Forest Hill Blvd to Okeechobee Blvd	New enhanced transit service with associated multimodal corridor improvements		\$5	PDE \$5						Funds moved to line items below
19-1a	Palm Tran	4417582	Okeechobee Blvd from SR 7 to US-1; SR-7 from Forest Hill Blvd to Okeechobee Blvd	Implement Transit Signal Prioritization for entire corridor	\$1,000					CAP \$1,000			
19-1b	FDOT/ Palm Tran	4417583	Okeechobee Blvd from SR 7 to US-1; SR-7 from Forest Hill Blvd to Okeechobee Blvd	Construct 36 enhanced transit shelters within existing ROW	\$8,250						PE \$1,050	\$7,200	
19-2	FDOT	4417561	SR 80 from SR 15 to CR 880	Add street lighting	\$5,580	\$80						\$5,500	
19-2	FDOT	4417571	US 27 Connector from US 27 to SR 715	Construct new 2 lane road	\$26,850		S \$250					\$26,600	Study moved from FY22 to FY 21
20-1	FDOT/ Palm Tran	TBD	Lake Worth Rd from SR 7 to US-1; SR-7 from Lake Worth Rd to Forest Hill Blvd	New enhanced transit service with associated multimodal corridor improvements									
20-1a	FDOT	TBD	Lake Worth Rd from SR 7 to US-1; SR-7 from Lake Worth Rd to Forest Hill Blvd	Implement Transit Signal Prioritization	\$1,000							\$1,000	
Cost Summary					\$432,442	\$58,193	\$16,475	\$76,485	\$21,638	\$15,560	\$17,020	\$227,082	

Table 2: Local Initiatives Program

Shown in \$1,000s

Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 21						Needs	Notes
							FY 21	FY 22	FY 23	FY 24	FY 25		
--	Palm Beach TPA	439325.x	Surface Transportation (SU) funds to support TPA Planning & Administration as outlined in greater detail in the UPWP		\$10,273		PL \$1,268 SU \$1,860	PL \$1,268 SU \$1,966	PL \$1,268 SU \$2,077	PL \$1,268 SU \$2,185	PL \$1,268 SU \$2,185		
13-6	Palm Tran	4317611	Palm Tran system-wide	Implement Easy Card interface, Mobile ticketing	\$5,325	\$5,325							Execution Summer 2020
14-3	Riviera Beach/ FDOT	4383841	Australian Ave from 1st St to Blue Heron Blvd	Construct pedestrian scale lighting	\$4,638	\$492	CST \$4,146						
14-7	Delray Beach	4368961	Lowson Blvd/ SW 10th St from Dover Rd to SE 6th Ave	Consruct designated bike lanes and sidewalks. Includes standalone pedestrian bridges.	\$5	\$5							CST Fall 2020
14-10	Palm Beach County/ FDOT	4383871	15 mast arm traffic signals countywide	Replace inductive loops with video camera detection	\$209	\$209							CST Summer 2020
15-1	West Palm Beach	4383901	West Palm Beach: 25th St to Tri-Rail Station to SR 80	Purchase seven (7) vehicles to support new N/S trolley service	\$1,505	\$1,505							Awaiting FTA approval to obligate
15-2	Palm Tran	4383921	Various locations along existing Palm Tran bus routes	Construct 30 transit shelters	\$600	\$600							CST TBD
15-3	West Palm Beach	4383961	Various locations along existing WPB trolley lines	Construct seven (7) trolley shelters	\$571	\$571							Awaiting FTA approval to obligate
15-4	Delray Beach/ FDOT	4383941	Homewood Blvd from Old Germantown Rd to Lowson Blvd	Install designated bike lanes and sidewalks	\$2,897	\$460	CST \$2,437						
15-5	Delray Beach/ FDOT	4383951	George Bush Blvd from NE 2nd Ave to A1A (excluding Intracoastal Waterway bridge)	Widen to provide two 10-ft travel lanes, 5-ft designated bike lanes and 5-6-ft sidewalks. Add street lighting and drainage.	\$3,655	\$829	CST \$2,826						
15-8	Boca Raton/ FDOT	4384021	NE 5th Ave from Boca Raton Rd to NE 20th St	Construct 6' sidewalk on west side	\$903	\$260	CST \$643						
16-2	West Palm Beach/ FDOT	4400421	US 1/Dixie Hwy from Albemarle Rd to Okeechobee Blvd in West Palm Beach	Lane Repurposing from 4L to 3L, associated multimodal improvements	\$8,379	\$265	CST \$8,114						FDOT appealed lane repurpose approv. Alternate improv. in FY 22
16-3	Delray Beach/ FDOT	4400431	Brant Bridge over C-15 Canal in Delray Beach	Replace bridge and install 10' shared use paths	\$4,238	\$655	CST \$3,583						
16-4	Wellington	4400441	Big Blue Trace from Wellington Trace to South Shore Blvd	Construct 10'+ shared use pathways and enhanced crosswalk striping.	\$693	\$5	CST \$688						

Table 2: Local Initiatives Program

Shown in \$1,000s

Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 21						Needs	Notes
							FY 21	FY 22	FY 23	FY 24	FY 25		
16-5	ITID/ FDOT	4400451	Various midblock locations in Indian Trail Improvement District	Construct speed tables, midblock islands, raised medians, and advanced warning signs	\$923	\$255	CST \$668						
16-6	Lake Worth Beach/ FDOT	4400461	Lake Worth Rd from Erie St to A St	Construct Pedestrian enhancements, reconfigure traffic circle	\$1,126		ENV \$30	CST \$1,096					
17-1 & 17-5	West Palm Beach/ FDOT	4415701	36th St & bridge from Australian Ave to Poinsettia Ave in West Palm Beach	Construct buffered bike lanes and pedestrian enhancements	\$6,265		PE \$1,303 ENV \$10	ENV \$10		CST \$4,942			
17-2	Delray Beach	4415331	Lindell Blvd from SW 10th Ave to Federal Hwy/US 1	Construct sidewalks and separated bike lanes	\$12,143			CST \$12,143					
17-3	Jupiter	4415721	Indiantown Rd from US 1 to A1A	Construct 4' designated bike lanes and 10' shared use path	\$4,415			CST \$3,984	CST \$431				
17-4	Palm Tran	4415711	Various Palm Tran bus stops	Replace 40 transit shelters	\$800			CAP \$800					
17-6	Delray Beach	4415321	Barwick Rd from Atlantic Ave to Lake Ida Rd	Construct sidewalks and separated bike lanes	\$10,446			CST \$10,446					
17-7	Delray Beach	4415861	Brant Bridge connector from Lindell Blvd to Brant Bridge	Construct sidewalks and separated bike lanes	\$2,540		PE \$5		CST \$2,535				
18-1	Westgate CRA/ Palm Beach County	4443711	Westgate Ave from Wabasso Dr to Congress Ave	Lane repurposing from 5L to 3L to add designated bike lanes and widen sidewalks	\$2,999			CST \$2,999					
18-2	West Palm Beach	4443761	Parker Ave from Forest Hill Blvd to Nottingham Blvd	Construct buffered/separated bicycle lanes and pedestrian lighting	\$7,408		PE \$5		CST \$5,760	CST \$1,642			
18-3	Palm Beach County	4443701	Lyons Rd/ Sansbury Way from Forest Hill Blvd to Okeechobee Blvd	Construct separated bicycle lanes	\$5,190			CST \$5,190					
18-4	Boynton Beach/ FDOT	4440791	Boynton Beach Blvd from I-95 to US 1	Reconstruct: narrow vehicle lanes, construct 9-ft sidewalk on north, 15-ft shared use path on south, pedestrian lighting	\$5,529		PE \$825	ENV \$10		CST \$4,694			
18-5	Boca Raton	4443791	Yamato Rd: W of Jog to I-95, and 16 Intersections in the downtown area	Install Adaptive Traffic Control Systems	\$2,622			CST \$2,622					
18-6	Delray Beach	4443771	Germantown Rd from Old Germantown Rd to Congress Ave	Construct sidewalks and separated bike lanes	\$11,635		PE \$5		CST \$11,630				

Table 2: Local Initiatives Program

Shown in \$1,000s

Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 21						Needs	Notes
							FY 21	FY 22	FY 23	FY 24	FY 25		
19-1	Palm Tran	4460981	Palm Tran electric buses and Palm Tran Maintenance Facility (Electronics Way) charging stations	Purchase 3 electric buses and install electric charging at maintenance facility	\$4,336					CAP \$4,336			
19-2	Palm Beach County	4460861	Cresthaven Blvd from S Jog Rd to S Military Trl	Construct 7-ft buffered bike lanes and three intersection modifications	\$4,603				PE \$5		CST \$4,598		
19-3	Palm Beach/Palm Beach County	4460881	Royal Poinciana & Cocoanut Royal Poinciana & South County Royal Palm & Cocoanut Royal Palm & South County	Connect 4 signals to Palm Beach County traffic signal network	\$445					CST \$445			
19-4	West Palm Beach	4460901	25th St from Australian Ave to Broadway Ave	Lane Repurposing from 4 lanes to 3, construct R/R gate enhancements, ADA upgrades, buffered bike lane/ designated bike lane, lighting improvments, sidewalks	\$7,038				PE \$5		CST \$7,033		
19-5	Loxahatchee Groves/Palm Beach County	4460921	Okeechobee Blvd at Folsom Rd	Construct roundabout and sidewalks/lighting	\$1,443			PE \$5		CST \$1,438			
19-6	Wellington	4460821	Greenview Shores Blvd from Binks Forest Dr to Wellington Tr	Construct 4-ft designated bike lanes	\$1,258				PE \$5		CST \$1,253		
Cost Summary					\$137,054	\$11,436	\$28,415	\$42,540	\$23,717	\$20,951	\$16,336		

Table 3: Transportation Alternatives Program

Shown in \$1,000s

Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 21						Needs	Notes
							FY 21	FY 22	FY 23	FY 24	FY 25		
16-1	Wellington	4400141	Aero Club Dr from Greenbriar Blvd to Binks Forest Dr in Wellington	Construct designated bicycle lanes	\$817	\$817							CST Summer 2020
16-2	West Palm Beach/ FDOT	4400151	North Shore Bridge in West Palm Beach	Construct pedestrian bridge west of existing roadway bridge	\$1,294	\$5	PE \$400 ENV \$10	ENV \$10		CST \$869			
16-3	West Palm Beach	4400121	Roosevelt Estates Neighborhood in West Palm Beach	Install ADA ramp improvements and textured pavement in crosswalks	\$905	\$905							CST Summer 2020
16-4	Delray Beach	4400171	Alleyways west of 5th Ave from SE 10th to Lake Ida Rd	Construct shared use paths in residential alleyways	\$2,570	\$2,570							CST Summer 2020
17-1	West Palm Beach	4415271	Northmore neighborhood	Construct sidewalks and shared use pathways	\$1,215	\$5		CST \$1,210					
17-2	Westgate CRA/ Palm Beach County	4415301	Belvedere Heights neighborhood	Construct sidewalks and pedestrian scale lighting	\$1,109	\$5	CST \$1,104						
17-4	Royal Palm Beach	4415311	FPL Pathway between Lamstein Ln and Las Palmas St	Install LED lighting adjacent to pathway	\$1,169	\$5	CST \$1,164						
17-5	FDOT	4416321	Lake Worth Rd from Raulerson Dr to Palm Beach St College Ent	Resurfacing with separated bike lanes, new mid-block crossings, enhanced crosswalks	\$5,889	\$266		CST \$5,596	CST \$27				
18-1	West Palm Beach	4443501	Trailway on NW side of Clear Lake connecting Okeechobee Blvd to Palm Beach Lakes Blvd	Construct 10' shared use path on west side of Clear Lake	\$1,804			CST \$1,804					
18-2	Greenacres	4443591	Dillman Trail from Forest Hill Blvd to Dillman Rd	Construct 12' shared use path	\$723			CST \$723					
18-3	Westgate CRA/ Palm Beach County	4443671	Bridgeman Dr, Wellington Rd, Prairie Rd	Construct 5-ft sidewalks and pedestrian scale lighting	\$1,187			CST \$1,187					
18-4	Palm Beach County	4443661	CR A1A/Ocean Dr from Donald Ross Rd to Indiantown Rd	Install 24 pedestrian activated flashers and ADA crossing enhancements	\$769			CST \$769					
19-1	Westgate CRA/ Palm Beach County	4460771	Seminole Blvd from Okeechobee Blvd to Oswego Ave	Construct 12-ft shared use paths, high visibility crosswalks, and pedestrian lighting	\$1,645		PE \$5		CST \$1,640				
19-2	Boynton Beach	4460781	SE 1st St from Boynton Beach Blvd to Woolbright Rd	Construct 10-ft shared use path on western side of roadway	\$3,247		PE \$5		CST \$3,242				
19-3	Loxahatchee Groves/Palm Beach County	4460801	Okeechobee Blvd from A Rd to Folsom Rd	Construct 6-ft multi-use trail with fence on south side of roadway	\$1,190		PE \$5		CST \$1,185				
19-4	Palm Beach Gardens	4460841	Various existing pedestrian crossings along Holly Drive	Install pedestrian activated flashers at 12 existing crossings	\$401		PE \$5		CST \$396				
Cost Summary					\$25,117	\$4,578	\$2,698	\$11,298	\$6,491	\$869			

Table 4: Other FY 21 Construction/Implementation Projects

Shown in \$1,000s

Project Number	Location	Description	Total Cost
4284002	US 1 from CR A1A to Beach Road	Jupiter Inlet Bridge Replacement	\$157,590
4399291 4399301 4401081 4401501 4401581 4416311	US 27 from Broward County to South Bay	Safety Project - resurface roadway, install rumble striping, widen shoulders, install internally illuminated pavement markers, construct special use lanes, replace guardrail	\$50,715
4416311	US-27 from Hendry County Line to SR-80	Resurfacing	\$28,486
4431551	SR 700 at Hatton Hwy & Triangle Park	Pavement restoration following Hurricane Irma Washout - Governor Executive Order #17-235	\$12,039
4406641	Palm Beach International Airport	Concourse B Expansion	\$9,064
2021571301	Parker Avenue	Parker Ave Urban Corridor Improvements	\$5,700
20035032	Northlake Blvd from E of Hall Blvd to Coconut Blvd	Widen to 4/6 lanes	\$5,600
4416331	Forest Hill Blvd from SR 7 to Pinehurst Drive	Resurfacing	\$5,537
2017518	Yamato Rd from Lakeridge Blvd to W of Florida Turnpike	Widen to 6 lanes	\$3,940
2017517	Florida Mango Rd from S of Barbados Rd to Myrica Rd	Widen to 3 lanes and replace canal culvert	\$3,100
2017516	Clint Moore Rd from Oaks Club Dr to Long Lake Dr	Widen to 6 lanes	\$2,500
2014506	Lawrence Rd from S of Ponza Place to Lantana Rd	Widen to 3 lanes	\$2,200
2016501	45th St E of Haverhill Rd to E of Military Trail	Widen from 4/5 lanes to 6 through lanes	\$2,160
4404561	SR-7 at Weisman Way	Intersection Improvement - turn lane improvements	\$1,010
2012505	Lake Worth Rd at Jog Rd	Intersection Improvement - add southbound right	\$1,000
4397551	I-95 at Okeechobee Blvd	Add right turn lane and buffered bike lane on eastbound Okeechobee Blvd	\$917
2020009913	SW 18th St at Boca Rio Rd	Intersection Improvement	\$900
2017R507	SE 23rd Ave at Federal Highway	Intersection Improvement	\$850
2020009912	Clint Moore Rd at Jog Rd	Intersection Improvement	\$780
2012511	10th Ave N at Boutwell Rd	Intersection Improvement	\$750
20239919	Congress Ave at Miner Rd	Intersection Improvement - add westbound right	\$710
20219919	Hagen Ranch Rd from Smith Farm Blvd to S of Lantana Rd	Extend right and left turn lanes	\$700
2021009917	Okeechobee Blvd at Haverhill Rd	Intersection Improvement - add northbound right	\$650

Table 5: Significant Changes from FY 2020-2024 TIP

Project Number	Location	Improvement	Significant Change	Section
4192511	Beeline Hwy from Northlake Blvd to Blue Heron Blvd	Widen 4 to 6 lanes	CST increase from \$117M to \$146M	SIS Capacity
4371691	Florida Turnpike from Atlantic Ave to Boynton Beach Blvd	Widen 6 to 8 lanes	ROW of \$28.5M added in FY25	SIS Capacity
4182141	Florida Turnpike from Broward County line to Glades Rd	Widen 6 to 10 lanes	ROW of \$50.5M added in FY25	SIS Capacity
4061435	Florida Turnpike from WPB Service Plaza to Okeechobee Blvd	Widen 4 to 8 lanes	CST advanced from FY 24 to FY23	SIS Capacity
4358031	I-95 at Northlake Blvd	Interchange Improvement	CST delayed from FY24 to >FY25	SIS Capacity
4435901	I-95 at PGA Blvd	Interchange Improvement	CST of \$6M added to FY24	SIS Capacity
4355161	I-95 at Southern Blvd	Interchange Improvement	PE delayed from FY24 to FY25	SIS Capacity
4428911	US 1 over Earman River Bridge	Bridge Replacement	CST advanced from FY24 to FY23	Major Maintenance
4398451	SR-715 from SR-80 to W of Canal St South	Resurfacing	CST added in FY 23	Major Maintenance
4444771	SR-A1A from S of Grand Bay Ct to S of Linton Blvd	Resurfacing	CST added in FY24	Major Maintenance
4460971	Beeline Hwy from E of Pratt & Whitney to E of Railroad Tracks	Resurfacing	CST added in FY23	O&M -Roadways
4460991	US-1 from N Quadrille Blvd to Palm Beach Lakes Blvd	Resurfacing	CST added in FY23	Major Maintenance
4461001	SR-80 from US-27 to E of Glades Glen Dr	Resurfacing	CST added in FY23	Major Maintenance
4461011	SR-80 from E of Parker Ave to W of Washingotn Rd	Resurfacing	CST added in FY23	Major Maintenance
4461021	SR-15 from N of 1st ST to Martin County line	Resurfacing	CST added in FY23	Major Maintenance
4461031	Military Trail/SR-809 from S of Devos Rd to N of Flag Dr	Resurfacing	CST added in FY23	Major Maintenance
4461041	Lake Ave/Lucerne Ave/SR-802 from E of A St to E of Golfview Rd	Resurfacing	CST added in FY23	Major Maintenance
4461051	State Market Rd/SR-729 from SR-15 to E Main St/US-441	Resurfacing	CST added in FY23	Major Maintenance
4461731	US-1 from S of 5th Ave to N of 6th Ave North	Resurfacing	CST added in FY24	Major Maintenance
4461741	PGA Blvd/SR-786 from E of I-95 to E of Fairchild Gardens Ave	Resurfacing	CST added in FY24	Major Maintenance
4461751	SR-A1A from N of Emeralda Beach Way to S of Royal Palm Way/SR-704	Resurfacing	CST added in FY24	Major Maintenance
4461761	SR-A1A from S of John D McArthur Entrance to Portage Landing North	Resurfacing	CST added in FY24	Major Maintenance
4461771	SR-7 from N of Southern Blvd/SR-80 to Okeechobee Blvd/SR-704	Resurfacing	CST added in FY23	Major Maintenance
4461791	Okeechobee Bld/SR-704 from Tamarind Ave to W of Lakeview Ave	Resurfacing	CST added in FY24	Major Maintenance
4461801	SW 16th St/SR-715 from SR-80 to S of Palm Street	Resurfacing	CST added in FY24	Major Maintenance
4463741	Connors Hwy/SR-700 from N of 1st St to W of SR-80	Resurfacing	CST added in FY24	Major Maintenance

**New project*

FUNDING SUMMARY

The TIP is financially constrained for each fiscal year. Federally funded projects identified in the TIP can be implemented using current proposed revenue sources based on the FDOT Tentative Work Program and locally dedicated transportation revenues. All Projects funded by FDOT with federal or non-federal dollars are included in a balanced 36-month forecast of cash and expenditures and a five-year finance plan supporting the FDOT Work Program. All local government projects (non-federally funded) that are included in the TIP are part of member local government's capital improvement programs. The following table provides a summary of federal, state and local funding codes as well as the dollar amounts allocated to projects within each funding code by fiscal year. Note that all project costs are shown in year of expenditure dollars, meaning the costs reflect the adjusted value of the work at the time the funds will be expended on the project.

Total Programmed by Funding Code

Fund Code / Name		2021	2022	2023	2024	2025	Total
Federal							
FEDERAL TRANSIT ADMINISTRATION (FTA) FUNDING							
5307	FEDERAL TRANSIT URBAN AREA FORMULA FUNDS	31,778,929	16,687,500	16,687,500	16,687,500	14,687,500	96,528,929
5311	FEDERAL TRANSIT RURAL AREA FORMULA FUNDS	353,187	312,878	312,878	312,878	2,230,000	3,521,821
5339	FTA BUS & BUS FACILITIES INFRASTRUCTURE	4,287,965	1,900,000	1,900,000	1,900,000	1,900,000	11,887,965
DU	FTA 5305(d) PLANNING FUNDS	424,425	437,157	458,627	424,425	424,425	2,169,059
FHWA NATIONAL HIGHWAY PERFORMANCE PROGRAM (NHPP)							
ACNP	AC NATIONAL HWY FUNDS	15,056,853	77,943,648	8,151,441	9,023,230	11,615,848	121,791,020
NHRE	NAT HWY PERFORM - RESURFACING	-	1,320,328	1,081,000	2,904,026	-	5,305,354
FHWA SURFACE TRANSPORTATION BLOCK GRANT PROGRAM (STBG)							
ACSA	AC STATEWIDE STP (SA) FUNDS	-	-	-	-	-	-
ACSU	AC PALM BEACH TPA (SU) FUNDS	7,911,916	-	-	-	-	7,911,916
GFSU	General Fund - STPBG >200K (Urban)	2,000,000	-	-	-	-	2,000,000
SA	STP, ANY AREA STATEWIDE	75,000	19,487,296	140,757	160,800	316,569	20,180,422
SU	STP, PALM BEACH TPA	17,616,669	26,676,176	18,869,157	21,253,599	16,918,977	101,334,578
TALT	TRANSPORTATION ALTS- ANY AREA STATEWIDE	655,342	2,146,947	1,593,296	-	-	4,395,585
TALU	TRANSPORTATION ALTS PALM BEACH TPA	1,412,173	1,547,151	1,546,562	573,206	-	5,079,092
FHWA NATIONAL HIGHWAY FREIGHT PROGRAM							
ACFP	AC FREIGHT PROG (NFP)	-	-	250,000	5,999,710	-	6,249,710
FHWA HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP)							
ACSS	AC HIGHWAY SAFETY PROGRAM	9,436,674	4,440,451	1,559,568	687,991	-	16,124,684
OTHER FHWA PROGRAMS							
ACER	AC FHWA EMERGENGY RELIEF (ER) FUNDS	8,460,794	-	-	-	-	8,460,794
ACBR	AC FED BRIDGE FUNDS	10,000	3,174,740	6,589,676	-	-	9,774,416
CM	CONGESTION MITIGATION & AIR QUALITY IMPRV	1,637,646	370,218	314,399	-	-	2,322,263
FAA	FEDERAL AVIATION ADMINISTRATION	675,000	-	-	-	-	675,000
PLH	FEDERAL LANDS ACCESS PROGRAM	631,530	-	-	-	-	631,530
PL	FHWA PLANNING FUNDS	1,268,452	1,268,452	1,268,452	1,268,452	1,268,452	6,342,260
<i>Federal Subtotal</i>		<i>103,692,555</i>	<i>157,712,942</i>	<i>60,723,313</i>	<i>61,195,817</i>	<i>49,361,771</i>	<i>432,686,398</i>

Total Programmed by Funding Code

Fund Code / Name		2021	2022	2023	2024	2025	Total
State							
BNBR	AMENDMENT 4 BONDS (BRIDGES)	127,672,296	55,220	-	-	-	127,727,516
BNIR	INTRASTATE R/W & BRIDGE BONDS	15,929,257	18,789,979	16,848,127	-	-	51,567,363
BRRP	STATE BRIDGE REPAIR & REHAB	4,305,936	4,972,283	5,719,678	-	-	14,997,897
CIGP	COUNTY INCENTIVE GRANT PROGRAM	3,439,590	6,166,063	1,290,002	312,616	-	11,208,271
D	UNRESTRICTED STATE PRIMARY	16,692,827	16,200,702	16,409,127	16,175,295	16,365,361	81,843,312
DDR	DISTRICT DEDICATED REVENUE	83,855,474	64,112,734	45,228,034	54,165,718	21,569,567	268,931,527
DI	ST. - S/W INTER/INTRASTATE HWY	2,850,000	60,557,908	5,905,000	9,930,000	-	79,242,908
DIH	STATE IN-HOUSE PRODUCT SUPPORT	1,956,661	1,805,814	2,009,989	966,578	794,507	7,533,549
DIS	STRATEGIC INTERMODAL SYSTEM	9,461,988	-	-	-	-	9,461,988
DITS	STATEWIDE ITS - STATE 100%.	1,505,711	2,043,354	1,585,024	3,632,575	1,681,552	10,448,216
DPTO	STATE - PTO	14,013,190	14,224,385	14,620,949	6,591,669	1,003,757	50,453,950
DS	STATE PRIMARY HIGHWAYS & PTO	25,157,843	29,548,094	27,191,495	3,153,176	18,412,561	103,463,169
FCO	PRIMARY/FIXED CAPITAL OUTLAY	200,966	-	-	-	-	200,966
PKBD	TURNPIKE MASTER BOND FUND	-	10,500,000	340,717,821	132,691,746	5,215,000	489,124,567
PKYI	TURNPIKE IMPROVEMENT	17,906,664	54,671,594	20,824,895	45,652,485	81,175,980	220,231,618
PKYO	TURNPIKE TOLL COLLECTION/OPER.	51,219,169	54,809,955	54,716,207	57,716,207	54,716,207	273,177,745
PKYR	TURNPIKE RENEWAL & REPLACEMENT	1,965,690	10,874,962	-	-	-	12,840,652
SCRC	SMALL COUNTY OUTREACH PROGRAM - RURAL	720,720	-	-	-	-	720,720
SIWR	2015 SB2514A-STRATEGIC INT SYS	-	1,350,000	-	-	-	1,350,000
STED	2012 SB1998-STRATEGIC ECON COR	2,200,000	-	-	26,664,000	-	28,864,000
TCOR	TRANSIT CORRIDOR	-	-	-	-	-	-
TDTF	TRANS DISADV - TRUST FUND	2,942,000	2,942,000	2,942,000	2,942,000	2,942,000	14,710,000
TMBD	I-95 EXPRESS LANES	-	725,848	935,567	935,567	725,848	3,322,830
TOBD	I-95 EXPRESS LANES	-	551,047	660,350	660,350	551,047	2,422,794
TRIP	TRANS REGIONAL INCENTIVE PROGM	-	250,000	352,280	-	-	602,280
TRWR	2015 SB2514A-TRAN REG INCT PRG	-	-	-	2,168,194	2,100,000	4,268,194
<i>State Subtotal</i>		<i>383,995,982</i>	<i>355,151,942</i>	<i>557,956,545</i>	<i>364,358,176</i>	<i>207,253,387</i>	<i>1,868,716,032</i>

Total Programmed by Funding Code

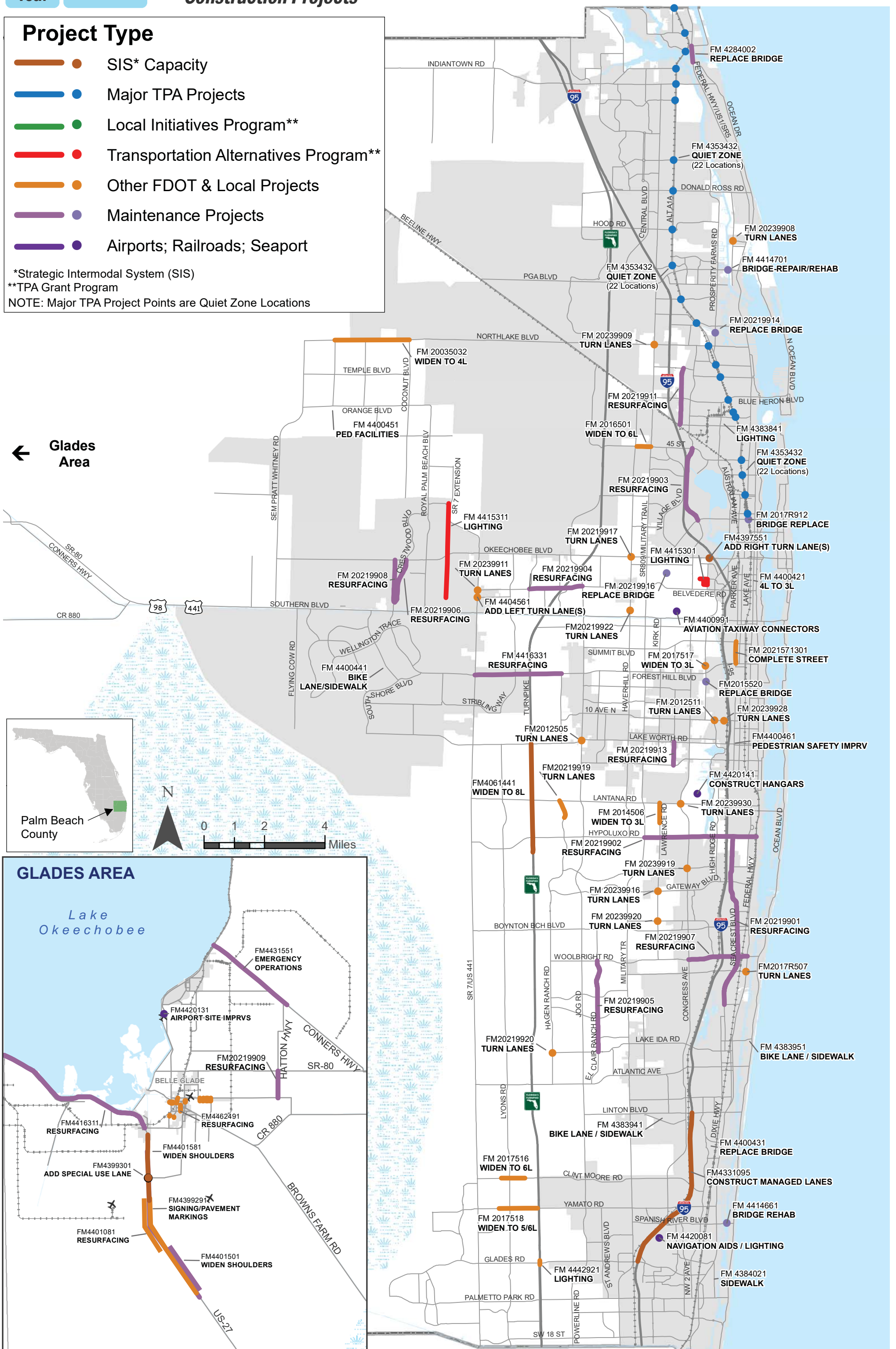
Fund Code / Name		2021	2022	2023	2024	2025	Total
Local							
ADR	ADVERTISING REVENUE	725,000	725,000	725,000	725,000	725,000	3,625,000
ADV	AD-VALOREM	49,465,899	50,607,855	51,920,289	53,285,221	37,234,750	242,514,014
BOCA	BOCA RATON	375,000	375,000	375,000	375,000	375,000	1,875,000
CENW	CENTURY WEST	375,000	375,000	375,000	375,000	375,000	1,875,000
FBR	FAREBOX REVENUE	11,784,405	11,971,794	12,162,929	12,357,888	12,556,746	60,833,762
GT	LOCAL OPTION GAS TAX	93,163,000	96,824,000	90,091,000	76,245,000	33,045,000	389,368,000
IF	IMPACT FEE	38,244,000	16,295,000	20,581,800	20,170,000	-	95,290,800
IST	INFRASTRUCTURE SUR TAX	29,500,000	13,800,000	11,500,000	950,000	2,150,000	57,900,000
LF	LOCAL FUNDS	28,067,778	51,930,862	39,082,182	11,589,312	3,474,805	134,144,939
RTA	SFRTA	666,000	666,000	666,000	666,000	666,000	3,330,000
Local Total		252,366,082	243,570,511	227,479,200	176,738,421	90,602,301	990,756,515

Summary							
Federal		103,692,555	157,712,942	60,723,313	61,195,817	49,361,771	432,686,398
State		383,995,982	355,151,942	557,956,545	364,358,176	207,253,387	1,868,716,032
Local		252,366,082	243,570,511	227,479,200	176,738,421	90,602,301	990,756,515
Grand Total		740,054,619	756,435,395	846,159,058	602,292,414	347,217,459	3,292,158,945







Transportation Improvement Program (TIP) Construction Projects

- *Strategic Intermodal System (SIS)
 **TPA Grant Program
 NOTE: Major TPA Project Points are Quiet Zone Locations

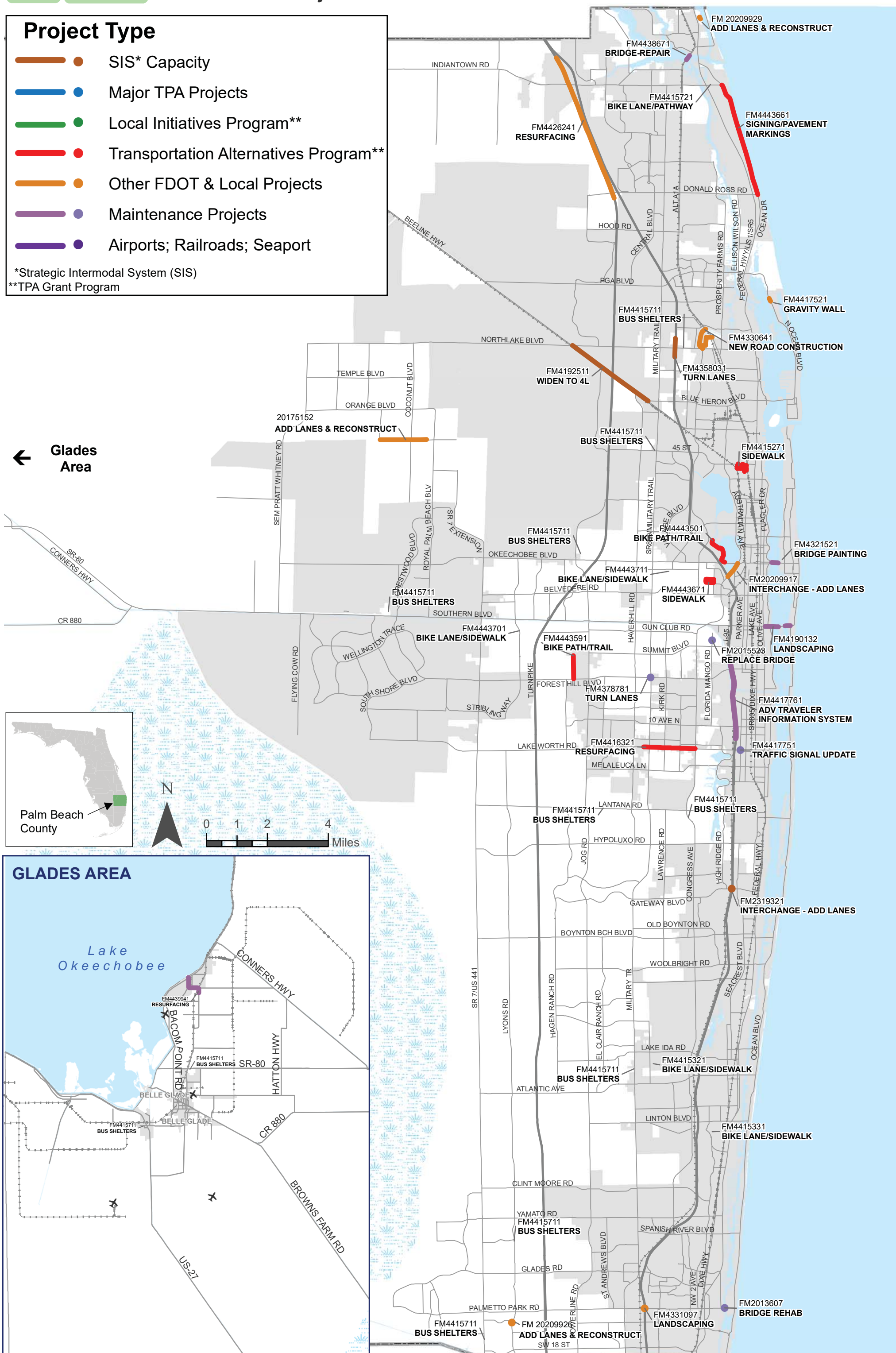
NOTE: Major TPA Project Points are Quiet Zone Locations



Project Type

-  SIS* Capacity
-  Major TPA Projects
-  Local Initiatives Program**
-  Transportation Alternatives Program**
-  Other FDOT & Local Projects
-  Maintenance Projects
-  Airports; Railroads; Seaport

*Strategic Intermodal System (SIS)
**TPA Grant Program

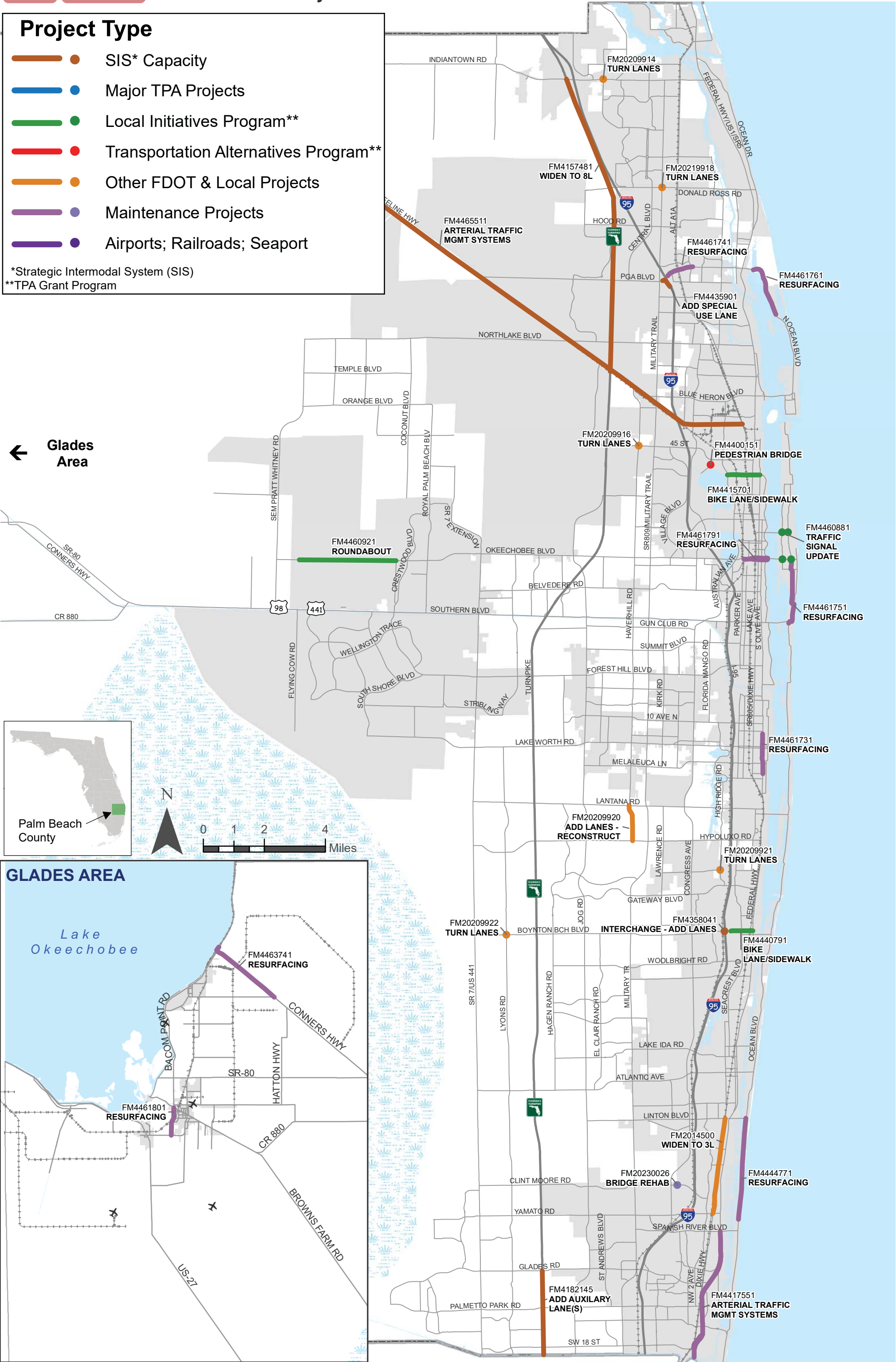


Transportation Improvement Program (TIP) Construction Projects

Project Type

- SIS* Capacity
- Major TPA Projects
- Local Initiatives Program**
- Transportation Alternatives Program**
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- Airports; Railroads; Seaport

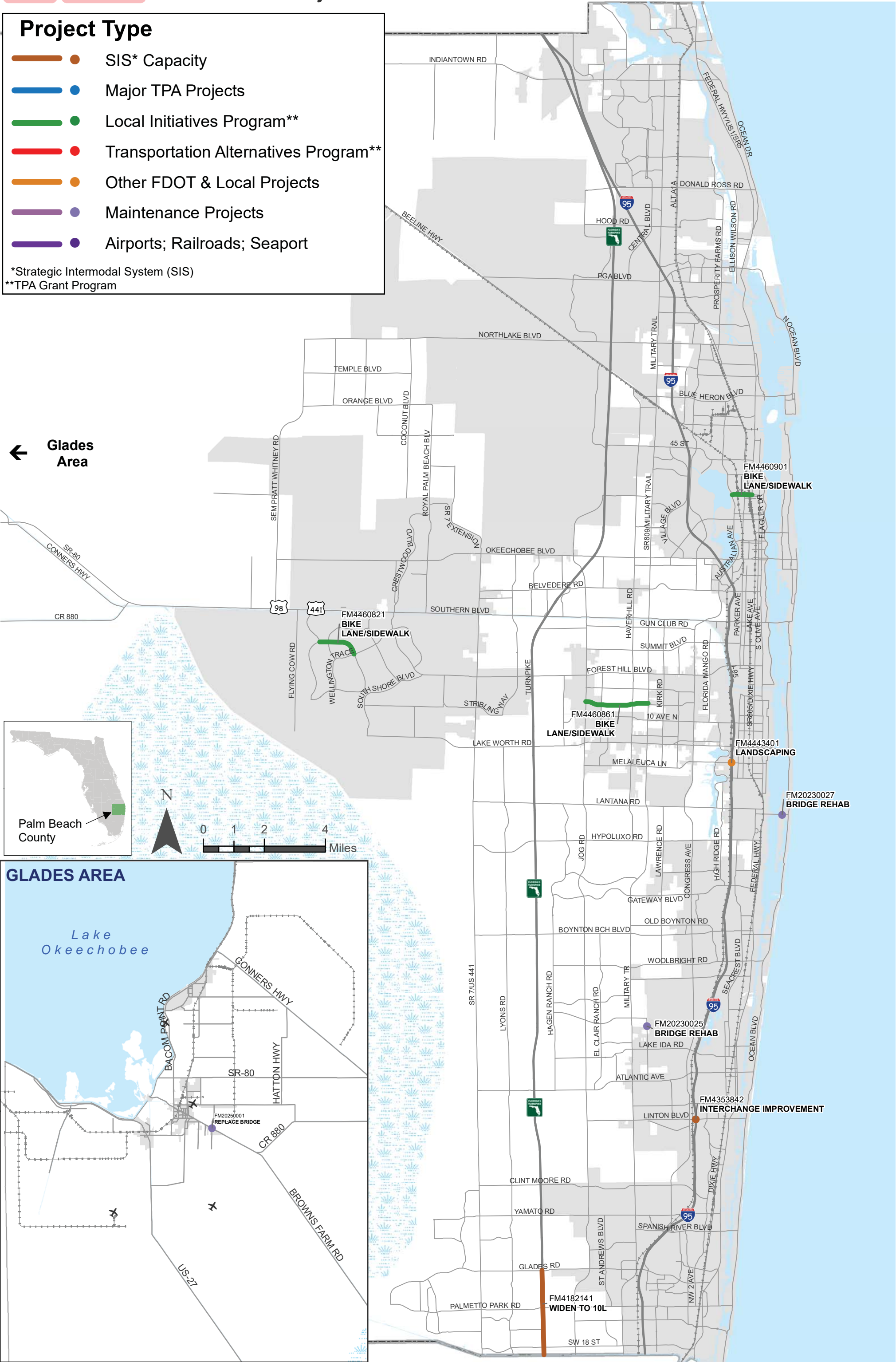
*Strategic Intermodal System (SIS)
**TPA Grant Program



Project Type

- SIS* Capacity
- Major TPA Projects
- Local Initiatives Program**
- Transportation Alternatives Program**
- Other FDOT & Local Projects
- Maintenance Projects
- Airports; Railroads; Seaport

*Strategic Intermodal System (SIS)
**TPA Grant Program



Understanding the TIP

The following informational guide assists the reader in understanding the layout and content of the TIP report.

Phase	Fund Source	2021	2022	2023	2024	2025	Total
1	2	3	4	5	6	7	8
36TH STREET FROM AUSTRALIAN AVE TO POINSETTA AVE	-Proj# 4415701				Length: 1.070 MI	*Non-SIS*	
6 Type of Work: BIKE LANE/SIDEWALK					7 Lead Agency: WEST PALM BEACH		
9 Description: Buffered bicycle lanes and pedestrian enhancements. Includes construction of bicycle and pedestrian bridge.					8		
10	11	12					
PE	SU	0	7,000	0	0	0	7,000
CST	LF	0	0	0	3,875,805	0	3,875,805
CST	SU	0	0	0	4,987,000	0	4,987,000
Total		0	7,000	0	8,862,805	0	8,869,805
13	14	15					
Prior Years Cost	Future Years Cost	Total Project Cost					8,869,805

1. Project Name and limits.
2. FDOT Financial Management Number.
3. Length of the project in miles.
4. Identifies whether the project is part of the Strategic Intermodal System.
5. Identifies whether the project is a Regionally Significant Project.
6. Shows the Type of Work accomplished by the project.
7. Lead agency for the project.
8. Identifies how the project is referenced in the Long Range Transportation Plan (LRTP).
9. Provides any explanatory description or notes for the project.
10. Phase of the project.
11. Funding source. See Fund Summary for descriptions.
12. Programmed cost estimates for each fiscal year.
13. Funds already encumbered/expended for the project in previous years.
14. Funds expected to be necessary for the project in future years beyond the five-year period addressed in the TIP.
15. Total project cost including prior years, the current TIP and future years.