



TECHNICAL ADVISORY COMMITTEE (TAC) AGENDA

DATE: **Wednesday, June 7, 2023**
TIME: **9:00 a.m.**
PLACE: **301 Datura Street, West Palm Beach, FL 33401**

Members of the public can [join the meeting](#) in person or virtually. For assistance joining the virtual meeting, please call 561-725-0800 or e-mail info@PalmBeachTPA.org.

1. REGULAR ITEMS

- A. Call to Order and Roll Call
- B. Modifications to the Agenda
- C. MOTION TO APPROVE Minutes for May 3, 2023
- D. General Public Comments and Public Comments on Agenda Items

Members of the public are invited to offer general comments and/or comments or questions on specific agenda items as follows:

- A written document, comment and/or question may be submitted at PalmBeachTPA.org/Comment-Form at any time prior to the commencement of the relevant agenda item.
- A verbal comment may be provided by a virtual attendee using the raise hand feature in the Zoom platform.
- A verbal comment may be provided by an in-person attendee submitting a comment card available at the welcome table.

Note that the Chair may limit comments to 3 minutes or less depending on meeting attendance.

- E. Comments from the Chair and Member Comments
- F. TAC Liaison's Report

2. ACTION ITEMS

- A. MOTION TO RECOMMEND ADOPTION of TIP Amendment #5 to the TPA's Fiscal Year (FY) 2023 - 2027 Transportation Improvement Program (TIP)

The TIP is the TPA's five-year funding program for transportation projects in Palm Beach County. The Florida Department of Transportation (FDOT) has requested approval of an amendment to the FY 23-27 TIP. TPA staff will present on the attached amendment to:

- SR-5/US-1 over Earman River Bridge (#4428911) to add funding to cover additional scoping needs and recent increases in unit prices

B. MOTION TO RECOMMEND ADOPTION of Draft Fiscal Year (FY) 2024 – 2028 Transportation Improvement Program (TIP)

The TIP is the five-year funding program for transportation projects in Palm Beach County. This program was developed in collaboration with the Florida Department of Transportation (FDOT) and various local agencies and includes transportation projects funded by federal, state, and local sources for all modes of transportation. The TIP reflects revenue expectations for the next five fiscal years and programs projects by phase, year, and funding source.

This is the final review of the TIP for adoption by the TPA Governing Board on June 15, 2023. TPA staff will present on the attached draft executive summary for the FY 2024-2028 TIP. The full TIP document and appendices can be viewed at PalmBeachTPA.org/TIP.

3. INFORMATION ITEMS

A. 2050 Long Range Transportation Plan Goals and Objectives

TPA is required to establish goals, objectives, performance measures and targets to comply with federal and state requirements of a performance-based planning approach. TPA staff will present the attached draft technical memorandum for committee feedback. The memo includes the full list of draft goals and objectives, along with current and potential performance measures.

4. ADMINISTRATIVE ITEMS

A. Governing Board Summary Points – May 18, 2023

B. FDOT Scheduling Report – April 2023

C. Vision Zero Action Plan Status Update

D. 2022 Q4 Pedestrian and Bicycle Crash Report and Annual Summary

E. Next Meeting – **July 5, 2023**

F. Adjournment

NOTICE

In accordance with Section 286.0105, *F.S.*, if a person decides to appeal any decision made by the board, agency, or commission with respect to any matter considered at such meeting or hearing, they will need a record of the proceedings, and that, for such purposes, they may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Persons who require special accommodations under the Americans with Disabilities Act or persons who require translation services for a meeting (free of charge) should contact Melissa Murray at 561-725-0813 or MMurray@PalmBeachTPA.org at least five (5) business days in advance. Hearing impaired individuals are requested to telephone the Florida Relay System at #711.

Se solicita La participación del público, sin importar la raza, color, nacionalidad, edad, sexo, religión, incapacidad o estado familiar. Personas que requieran facilidades especiales bajo el Acta de Americanos con Discapacidad (Americans with Disabilities Act) o personas que requieren servicios de traducción (sin cargo alguno) deben contactar a Melissa Murray al teléfono 561-725-0813 o MMurray@PalmBeachTPA.org por lo menos cinco días antes de la reunión. Si tiene problemas de audición, llamar al teléfono 711.

CHAIR**Motaseem Al-Turk**

Palm Beach County - Engineering

Alternates: Melissa Ackert & Rasem Awwad**Jim Bell**

City of Boca Raton - Planning

Alternate: Tamashbeen Rahman**Naresh Machavarapu**

City of Boca Raton - Traffic

Alternate: Quan Yuan**Gary Dunmyer**

City of Boynton Beach

Alternate: Amanda Radigan**Jason M. Kaufman**

City of Delray Beach

Alternate: Cynthia Buisson**Denise Malone**

City of Greenacres

Alternate: Caryn Gardner-Young**Jamie Brown**

City of Lake Worth Beach – Public Services

Alternate: Felipe Lofaso**Terrence Bailey**

City of Riviera Beach

Alternate: Jonathan Evans**JohnPaul O'Connor**

City of Westlake

Alternate: Greg Langowski**Alex Hansen**

City of West Palm Beach – Planning

Alternate: Dodi Glas**Jessica Keller**

City of West Palm Beach – Engineering

Alternate: Valerio Oricchio**John Krane**

Florida Department of Transportation

Non-Voting Advisory Member

Alternates: Marsha Taylor & Christine Fasiska**Kenny Wilson**

FL Department of Health – Environ./Air Pollution

Alternate: Janelle St. Ange**VICE CHAIR****Natalie Crowley**

City of Palm Beach Gardens

Alternates: Peter Hofheinz & Giles Rhoads**Gary M. Sypek**

Palm Beach County - Airports

Alternates: Andrew Gamboa-Villamil & Michael Giambrone**Bryan Davis**

Palm Beach County - Planning

Alternate: Kevin Fischer**Yash Nagal**

Palm Tran

Alternate: Nina Verzosa**Aaron Hoffman**

Port of Palm Beach

Alternate: Carl Baker**Joyce Cai**

School District of Palm Beach County

Alternate: Latoya Bunches**Loraine Cargill**

South Florida Regional Transportation Authority

Alternate: Vicki Gatanis**Thomas Hernandez**

Town of Jupiter - Engineering

Alternate: Chang-Jen Lan**Roberto Travieso**

Town of Lake Park

Alternate: Anders Viane**Kim DeLaney**

Treasure Coast Regional Planning Council

Alternate: Thomas Lanahan**Kim Glas-Castro**

Village of Palm Springs

Alternate: Iramis Cabrera**Christopher Marsh**

Village of Royal Palm Beach

Alternate: Bradford O'Brien**Jonathan Reinsvold**

Village of Wellington

Alternate: Tim Stillings



PALM BEACH Transportation Planning Agency

1.C

OFFICIAL MEETING MINUTES OF THE TECHNICAL ADVISORY COMMITTEE (TAC)

Wednesday, May 3, 2023

301 Datura Street, West Palm Beach, FL 33401

Meeting was also conducted virtually via Zoom.

*These minutes are a summary of the meeting events and may not reflect all discussion that occurred.
PDF versions of the agenda, backup material and presentations as well as audio recordings are available for review at
PalmBeachTPA.org/TAC*

1. REGULAR ITEMS

1.A. Call to Order and Roll Call

CHAIR AL-TURK called the meeting to order at 9:01 a.m. and provided an overview of the virtual meeting procedures.

The Recording Secretary called the roll. A quorum was present in-person as depicted in the table below.

Member	Roll Call	Member	Roll Call	Member	Roll Call
Jim Bell	A	Valerio Oricchio (Alt)	P	Anders Viane (Alt)	P
Naresh Machavarapu	A	Kenny Wilson	A	Kim DeLaney	A
Gary Dunmyer	P	Andrew Gamboa-Villamil	P	Kim Glas-Castro	P
Jason Kaufman	P	Bryan Davis	A	Christopher Marsh	P
Denise Malone	P	Yash Nagal	P	Jonathan Reinsvold (Alt)	P
Jamie Brown	A	Aaron Hoffman	P	John Krane	P
Terrence Bailey	P	Joyce Cai	A	Natalie Crowley	P
JohnPaul O'Connor	A	Vicki Gatanis (Alt)	P	Motasem Al-Turk	P
Alex Hansen	P	Thomas Hernandez	P		

P = Present A = Absent

1.B. Modifications to the Agenda

There were no modifications to the agenda.

The Recording Secretary stated that the following members requested permission to participate remotely: Jim Bell requested due to a medical condition preventing his in-person attendance and Joyce Cai due to ongoing staffing shortages at the school district.

There were no objections to their virtual participation and the members were permitted to join the meeting.

1.C. APPROVED Minutes for March 1, 2023

MOTION to approve minutes for March 1, 2023 made by Natalie Crowley and seconded by Christopher Marsh, and carried unanimously 19 – 0 as depicted in the table below.

Member	Vote	Member	Vote	Member	Vote
Jim Bell	Y	Valerio Oricchio (Alt)	Y	Anders Viane (Alt)	Y
Naresh Machavarapu	A	Kenny Wilson	A	Kim DeLaney	A
Gary Dunmyer	Y	Andrew Gamboa-Villamil (Alt)	Y	Kim Glas-Castro	Y
Jason Kaufman	Y	Bryan Davis	A	Christopher Marsh	Y
Denise Malone	Y	Yash Nagal	Y	Jonathan Reinsvold (Alt)	Y
Jamie Brown	A	Aaron Hoffman	Y	Natalie Crowley	Y
Terrence Bailey	Y	Joyce Cai	Y	Motasem Al-Turk	Y
JohnPaul O'Connor	A	Vicki Gatanis (Alt)	Y		
Alex Hansen	Y	Thomas Hernandez	Y		

Y = Yes N = No A = Absent ABST = Abstain

1.D. General Public Comments and Public Comments on Agenda Items

There were no general public comments received.

1.E. Comments from the Chair and Member Comments

There were no comments from the Chair or members.

1.F. TAC Liaison's Report

Andrew Uhlir reviewed key items from the Liaison's Report. The full report can be viewed at PalmBeachTPA.org/TAC.

There were no public comments on this item.

Kim DeLaney, Naresh Machavarapu, and Jamie Brown joined the meeting in person.

2. ACTION ITEMS

There are no action items included on this agenda.

3. INFORMATION ITEMS**3.A. Draft Fiscal Year (FY) 2024 – 2028 Transportation Improvement Program (TIP)**

The TIP is the five-year funding program for transportation projects in Palm Beach County. This program was developed in collaboration with the Florida Department of Transportation (FDOT) and various local agencies and includes transportation projects funded by federal, state, and local sources for all modes of transportation. The TIP reflects revenue expectations for the next five fiscal years and programs projects by phase, year, and funding source.

This is the first review of the TIP. The final recommendation for adoption will occur June 7, 2023 with final adoption by the TPA Governing Board on June 15, 2023.

The draft executive summary for the FY 2024-2028 TIP is attached. The full TIP document and appendices can be viewed at PalmBeachTPA.org/TIP

Andrew Uhler, was invited to present this item.

There were no public comments on this item.

TERRANCE BAILEY asked about the LRTP report card and the status of TPA and FDOT priorities. The scorecard indicates that many of the SIS projects are showing as funded and not many TPA State Road priorities are shown as funded.

Discussion ensued on confusion with the scorecard and on ways to improve readability for the July TIP document.

ALEX HANSEN mentioned there was no activity of some of the top priorities. For example, Tri-Rail extension in Northern County. Alex also suggested that the summary tables highlight what has changed from current TIP to this TIP.

NATALIE CROWLEY requested an update on the unfunded LI projects and mentioned updated costs for some of the Palm Beach Gardens projects.

CHAIR AL-TURK asked about the bus shelter cost estimates. Al-turk also suggested the summary tables take out projects already under construction. YASH NAGAL will follow up on the bus shelter costs.

4. ADMINISTRATIVE ITEMS**4.A. Governing Board Summary Points – March 16, 2023 and April 20, 2023****4.B. FDOT Scheduling Report – April 2023****4.C. Next Meeting – June 7, 2023**

There were no public comments on these items.

4.D. Adjournment

There being no further business, the meeting was adjourned at 10:19 a.m.

This signature is to attest that the undersigned is the Chair, or a designated nominee, of the Technical Advisory Committee and that information provided herein is the true and correct Minutes for the May 3, 2023, meeting of the Technical Advisory Committee, dated this 7th day of June 2023.

Motasem Al-Turk
TAC Chair

EXHIBIT A**TAC Member Attendance Record**

REPRESENTATIVE/Alternate Agency Name	Jun '22	July '22	Aug '22	Sep '22	Oct '22	Nov '22	Dec '22	Jan '23	Feb '23	Mar '23	Apr '23	May '23
CHAIR MOTASEM AL-TURK/Melissa Ackert PBC Engineering	P	P	No Meeting Held – Scheduled Break	ALT	P	No Meeting Held – Scheduled Break	P	No Meeting Held – Scheduled Break	ALT	P	No Meeting Held	P
VICE CHAIR NATALIE CROWLEY/ Peter Hofheinz City of Palm Beach Gardens - Planning	ALT	P		P	E		P		P	P		P
JAMES BELL/Tamashbeen Rahman City of Boca Raton - Planning	P	P		P	P		P		P	P		P
NARESH MACHAVARAPU/Quan Yuan City of Boca Raton - Engineering	P	ALT		P	ALT		P		P	P		P
GARY DUNMYER/Amanda Radigan City of Boynton Beach - Public Works & Eng.	P	ALT		P	P		P		P	P		P
JASON M. KAUFMAN/Cynthia Buisson City of Delray Beach	P	E		E	P		P		P	P		P
DENISE MALONE/Caryn Gardener-Young City of Greenacres - Planning & Engineering	P	P		P	E		P		P	P		P
JAMIE BROWN/Felipe LoFaso City of Lake Worth Beach - Public Services	P	P		P	P		P		P	P		P
TERRENCE BAILEY City of Riviera Beach – Community Dev.	P	P		P	E		P		P	E		P
JOHNPAUL O'CONNOR/Greg Langowski City of Westlake	*P	ALT		P	P		P		P	P		E
ALEX HANSEN /Dodi Glas City of West Palm Beach - Planning	P	P		P	P		P		P	P		P
VACANT/Valerio Oricchio City of West Palm Beach - Engineering	P	P		P	P		P		P	ALT		P
KENNY WILSON/Janelle St. Ange PBC Health Department - Environ/Air Pollution	P	P		P	P		P		P	P		E
GARY SYPEK/Andrew Gamboa-Villamil PBC Airports Department - Planning	ALT	ALT		ALT	ALT		P		ALT	E		ALT
BRYAN DAVIS/Kevin Fischer PBC Planning, Zoning & Building	ALT	ALT		P	P		P		ALT	P		E
YASH NAGAL/Nina Verzosa Palm Tran	E	P		A	ALT		P		P	P		P
AARON HOFFMAN/Carl Baker Port of Palm Beach	P	P		P	P		P		P	E		P
JOYCE CAI /Latoya Bunches School District of Palm Beach County	P	P	No Meeting Held – Scheduled Break	A	E	No Meeting Held – Scheduled Break	P	No Meeting Held – Scheduled Break	P	P	No Meeting Held	P
LORAIN CARGILL/Vicki Gatanis South Florida Regional Transportation Authority	ALT	A		A	ALT		ALT		ALT	ALT		ALT
THOMAS HERNANDEZ/Chang-Jen Lan Town of Jupiter- Engineering	A	ALT		P	P		P		P	P		P
ROBERTO TRAVIESO/Anders Viane Town of Lake Park	P	P		P	P		P		P	P		ALT
KIM DELANEY/Thomas Lanahan Treasure Coast Regional Planning Council	P	P		P	P		P		P	P		P
KIM GLAS-CASTRO/Iramis Cabrera Village of Palm Springs	ALT	ALT		P	E		P		P	P		P
CHRISTOPHER MARSH/Bradford O'Brien Village of Royal Palm Beach	E	P		P	E		P		P	P		P
MICHAEL O'DELL/ Jonathan Reinsvold Village of Wellington	P	P		P	E		P		ALT	ALT		ALT
JOHN KRANE/Marsha Taylor/Christine Fasiska Florida Department of Transportation <i>Non-Voting Advisory Member</i>	ALT	P		ALT	P		P		P	P		P

P = Member Present

Alt = Alternate Present

E = Excused Absence

A = Unexcused Absence

*New Appointment

- = Member not assigned

EXHIBIT A (cont'd)

OTHERS PRESENT

Moisey Abdurakhmanov
Jason Kaufman
Jermaine Swaby
Jessica Keller
Kevin Volbrecht
Anders Viane
Thomas Hernandez
Jonathan Reinsvold
Khurshid Mohyuddin
Aaron Hoffman
Andrew Gamboa Villamil
Rachel Koerner
Andrew Uhler
Brian Ruscher
Cassidy Sparks
Melissa Murray
Tyler Radenbaugh

REPRESENTING

City of Boynton Beach
City of Delray Beach
City of West Palm Beach
City of West Palm Beach
City of West Palm Beach
Town of Lake Park
Town of Jupiter
Village of Wellington
Palm Beach County
Port of Palm Beach
Palm Beach County Dept. of Airports
Palm Beach TPA
Palm Beach TPA
Palm Beach TPA
Palm Beach TPA
Palm Beach TPA
Palm Beach TPA



PALM BEACH
Transportation
Planning Agency

2.A

TRANSPORTATION IMPROVEMENT PROGRAM

FY 2023-2027

Adopted June 16, 2022

Last amended April 20, 2023

Amendment #5: FDOT Request to
modify 1 project.
Scheduled for adoption June 15, 2023.

PalmBeachTPA.org/TIP

Funding sources in the project amendments

Funding Code	Description	Source
SA	Surface Transportation - Any Area	Federal
ACBR	Advanced Construction National Bridge Funds	State (eligible for future federal reimbursement)
DDR	District Dedicated Revenue	State
GFBR	General Funds - Bridge Repair	State
DIH	State In-House Product Support	State
DS	State Primary Highways and Public Transportation Office (PTO)	State
LF	Local Funds	Local

Phase	Fund Source	2023	2024	2025	2026	2027	Total
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EXISTING TIP

US-1 OVER EARMAN RIVER BRIDGE - Proj# 4428911
Type of Work: BRIDGE REPLACEMENT

Length: 0.228 MI
Lead Agency: FDOT
LRTP#: Pages 141-142

Non-SIS

Description: Replacement of existing bridge, including sidewalks

ROW	ACBR	449,601	386,730	0	0	0	836,331
ROW	DDR	3,515	7,885	0	0	0	11,400
CST	ACBR	2,480,405	0	0	0	0	2,480,405
ENV	ACBR	9,750	0	0	0	0	9,750
CST	LF	132,980	0	0	0	0	132,980
CST	GFBR	7,300,300	0	0	0	0	7,300,300
ROW	DIH	10,000	0	0	0	0	10,000
PE	ACBR	8,317	0	0	0	0	8,317
CST	SA	52,020	0	0	0	0	52,020
Total		10,446,888	394,615	0	0	0	10,841,503

PROPOSED TIP

US-1 OVER EARMAN RIVER BRIDGE - Proj# 4428911
Type of Work: BRIDGE REPLACEMENT

Length: 0.175 MI
Lead Agency: FDOT
LRTP#: Page 158

Non-SIS

Description: Replacement of existing bridge, including sidewalks.

Notes: Bridge #930003

ROW	ACBR	354,699	386,730	0	0	0	741,429
RRU	DDR	1,771,267	0	0	0	0	1,771,267
RRU	DS	1,588,733	0	0	0	0	1,588,733
RRU	ACBR	162,663	0	0	0	0	162,663
ROW	DDR	21,620	7,885	0	0	0	29,505
ROW	DIH	42,000	0	0	0	0	42,000
PE	ACBR	68,682	0	0	0	0	68,682
ENV	DS	250	0	0	0	0	250
ROW	GFBR	2,878,900	0	0	0	0	2,878,900
CST	ACBR	0	6,089,436	0	0	0	6,089,436
CST	LF	0	171,281	0	0	0	171,281
CST	GFBR	0	7,504,708	0	0	0	7,504,708
CST	SA	0	53,477	0	0	0	53,477
Total		6,888,814	14,213,517	0	0	0	21,102,331

Prior Years Cost 3,630,593

Future Years Cost

Total Project Cost

24,732,924



Florida Department of Transportation

RON DESANTIS
GOVERNOR

3400 West Commercial Boulevard
Fort Lauderdale, FL 33309

JARED W. PERDUE, P.E.
SECRETARY

May 9, 2023

Valerie Neilson
Executive Director
Palm Beach Transportation Planning Agency
301 Datura Street
West Palm Beach, FL 33401

**SUBJECT: Palm Beach Transportation Planning Agency
TIP Amendment Request FY 2022/23 – 2026/27
442891-1 SR-5/US-1 OVER EARMAN RIVER (C-17) BRIDGE 930003**

Dear Ms. Neilson:

Pursuant to *Part IV – Chapter 5: Statewide and Local Transportation Improvement Programs (STIP and TIP) of the Work Program Instructions*, the Florida Department of Transportation (FDOT) requests your processing and approval of the attached amendment to the FY 2022/23 – 2026/27 Transportation Improvement Program. This amendment is required because the project cost has increased by more than 20% AND \$2 million and needs to be reflected in the TIP. The reasons for the project cost increase are as follows:

- Recent increase in unit prices.
- Bridge design using special materials which currently have little or no good historical prices for estimating.
- Additional scope increases from request made by the permitting agency (South Florida Water Management District-SFWMD) and Village of North Palm Beach.
 - As a permit condition SFWMD requested the dredging of C-17 Canal to the ultimate cross section that will dramatically improve flood control in Palm County. This also resulted in the need for additional rip-wrap.
 - Also, the Village of North Palm Beach requested FDOT to temporarily modify the Signing and Pavement Markings for the SB approach to Anchorage Drive South after the Hybrid Meeting held in March 2022.
Additional quantities were needed to remove this temporary condition for the final plans.

This Transportation Improvement Program Amendment should be consistent with the Adopted Long-Range Transportation Plan. The adopted TIP remains financially constrained. The TIP amendment is as follows (changes are underlined in the proposed table):

EXISTING	FM#	Project Title		Type of Work		Project Length
	442891-1	SR-5/US-1 OVER EARMAN RIVER (C-17) BRIDGE 930003		BRIDGE REPLACEMENT		0.228 MI
	Phase	Fund	FY 2023	FY 2024	FY 2025	FY 2026
	PE	ACBR	8,317	0	0	0
	ROW	ACBR	449,601	386,730	0	0
	ROW	DDR	3,515	7,885	0	0
	ROW	DIH	10,000	0	0	0
	ENV	ACBR	9,750	0	0	0
	CST	ACBR	2,480,405	0	0	0
	CST	LF	132,980	0	0	0
	CST	GFBR	7,300,300	0	0	0
	CST	SA	52,020	0	0	0
	TOTAL		10,446,888	394,615	0	0

PROPOSED	FM#	Project Title		Type of Work		Project Length
	442891-1	SR-5/US-1 OVER EARMAN RIVER (C-17) BRIDGE 930003		BRIDGE REPLACEMENT		0.175 MI
	Phase	Fund	FY 2023	FY 2024	FY 2025	FY 2026
	PE	ACBR	<u>68,682</u>	0	0	0
	ROW	ACBR	<u>354,699</u>	386,730	0	0
	ROW	DDR	<u>21,620</u>	7,885	0	0
	ROW	DIH	<u>42,000</u>	0	0	0
	ROW	GFBR	<u>2,878,900</u>	0	0	0
	<u>RRU</u>	<u>ACBR</u>	<u>162,663</u>	0	0	0
	<u>RRU</u>	<u>DDR</u>	<u>1,771,267</u>	0	0	0
	<u>RRU</u>	<u>DS</u>	<u>1,588,733</u>	0	0	0
	ENV	<u>DS</u>	<u>250</u>	0	0	0
	CST	ACBR	<u>0</u>	<u>6,089,436</u>	0	0
	CST	GFBR	<u>0</u>	<u>7,504,708</u>	0	0
	CST	LF	<u>0</u>	<u>171,281</u>	0	0
	CST	SA	<u>0</u>	<u>53,477</u>	0	0
	TOTAL		<u>6,888,814</u>	<u>14,213,517</u>	0	0

If you have any questions or need additional information, please contact Marsha Taylor-Long at (954) 777-4401.

Sincerely,

DocuSigned by:
Marsha Taylor
C4960F17BB38437...
Marsha Taylor-Long
Planning Specialist
District Four

The above TIP amendment was authorized to be included in the FY 2022/23-2026/27 Transportation Improvement Program.

MPO Chairman or Designee

Date

Signature



PALM BEACH
Transportation
Planning Agency

2.B

DRAFT

TRANSPORTATION IMPROVEMENT PROGRAM

FY 2024-2028 EXECUTIVE SUMMARY

Final Draft- May 2023
Scheduled for Adoption June 15, 2023

Full TIP available at
PalmBeachTPA.org/TIP



TRANSPORTATION IMPROVEMENT PROGRAM

FY 2024-2028

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 _____, 2023.

TPA Chair Chelsea Reed, City of Palm Beach Gardens

The preparation of this report was financed in part through grants from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation; the Florida Department of Transportation; and participating local governments. The contents of this report do not necessarily reflect the official views or policy of the U. S. Department of Transportation.

301 Datura St, West Palm Beach, FL 33401
561.725.0800
www.PalmBeachTPA.org

**FY 2024 – 2028
TRANSPORTATION IMPROVEMENT PROGRAM
PALM BEACH TPA**

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D. TPA Priority Projects List for FY 24-28	PalmBeachTPA.org/priorities
E. TPA Draft Tentative Work Program (DTWP) Summary for FY 24-28	PalmBeachTPA.org/TIP
F. Eastern Federal Lands Highway Division FY 23-26 TIP	PalmBeachTPA.org/TIP
G. Fiscal Analysis.....	PalmBeachTPA.org/TIP
H. Annual Listing of Obligated Projects for FY 23	PalmBeachTPA.org/TIP
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EXECUTIVE SUMMARY

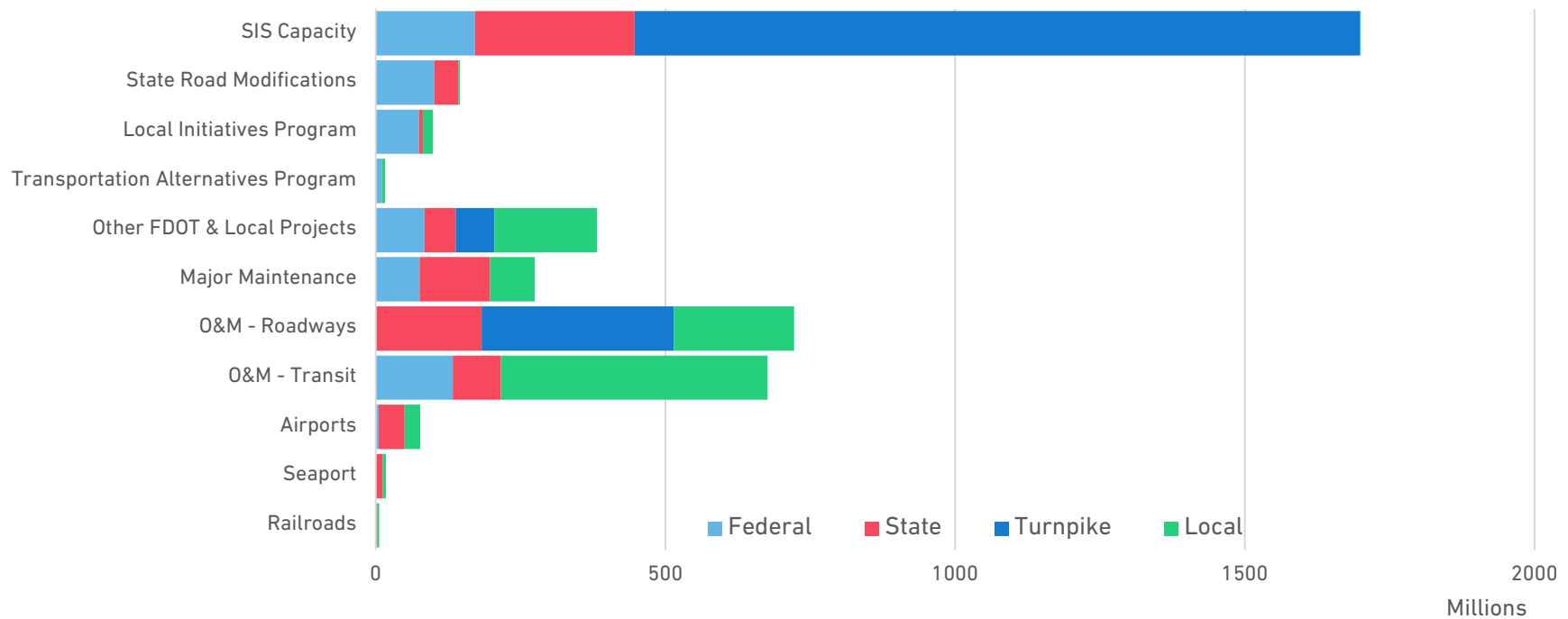
The Transportation Improvement Program (TIP) is the five-year funding program for transportation projects covering all modes of travel in Palm Beach County. The TIP is developed through a continuous, cooperative and comprehensive effort involving the Florida Department of Transportation (FDOT), the Board of County Commissioners, the Port of Palm Beach and municipalities within the County. The TIP was developed in cooperation with the public transit operators such as South Florida Regional Transportation Authority (SFRTA) and Palm Tran. Consultation is also carried out with the Miami-Dade TPO, the Broward MPO, the Martin County MPO, and the St. Lucie TPO 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 incorporates FDOT's Fiscal Year (FY) 24-28 Work Program along with local capital improvement plans and operating budgets, and generally moves forward the projects in the timeframe from previous TIPs. Please note that the identified projects may experience changes in scope or costs and the TIP may be amended or modified throughout the year.

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

Project Section	# of Projects	Funding	% of Total Funds
SIS Capacity	34	1,700,172,981	41.32%
State Road Modifications	30	145,474,960	3.54%
Local Initiatives Program	22	98,550,178	2.39%
Transportation Alternatives Program	12	16,029,518	0.39%
Other FDOT & Local Projects	102	382,030,082	9.28%
Major Maintenance	73	274,185,769	6.66%
O&M - Roadways	101	722,104,942	17.55%
O&M - Transit	14	676,436,633	16.44%
Airports	33	76,534,808	1.86%
Seaport	2	17,530,166	0.43%
Railroads	3	6,070,200	0.15%
TOTAL TIP FY 2024-2028	426	4,115,120,237	100%

PROJECT SECTIONS BY FUNDING SOURCE



Time Frame

This document includes a five-year implementation schedule for Fiscal Year 2024 through Fiscal Year 2028 following the federal fiscal calendar beginning October 1st and ending September 30th (i.e. Fiscal Year 2024 addresses the dates of October 1, 2023 to September 30, 2024). 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 October 28, 2019 and the next review is anticipated to be completed by August 2023. The last Joint State/TPA Certification Review was completed on February 28, 2022.

Prioritization of Projects

The projects in the TIP are required to be consistent with the TPA's Long Range Transportation Plan (LRTP). The TPA's funding programs - State Road Modifications, Local Initiatives, and Transportation Alternatives - are scored based on the goals of the LRTP and prioritized for inclusion in the TIP. Project selection is made in accordance with the requirements of 23 CFR 450.332.

The adopted LRTP is Cost Feasible; it prioritizes projects based on anticipated available revenue. The LRTP is referenced and seeks consistency with local comprehensive 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 program of projects for creation of the TIP. The TIP development process is seen in the diagram below. Major projects were 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.



Implementation of the LRTP

The LRTP project summary provides the status of cost feasible projects identified in the adopted 2045 LRTP. The table summarizes projects by category, number of projects, and their status: underway or complete, programmed through construction in the TIP, programmed in TIP without construction, and not yet programmed. Specific projects are not identified as specific line items in the annual application programs of State Road Modifications, Local Initiatives, Transportation Alternatives. Additionally, enhanced transit corridor projects identified in the LRTP may only be identified for initial planning studies with PD&E in a future LRTP year. Projects identified through planning or PD&E studies may be amended or modified into the LRTP as line items.

Project Category	LRTP 2045 Cost Feasible Plan	Fiscal Year 24-28 TIP			Not Programmed in TIP
		Underway/ Complete	In TIP with CST Phase	In TIP w/o CST Phase	
Strategic Intermodal System (SIS) (project line items in LRTP)	45	11	14	7	13
TPA Major Priority Projects (project line items in LRTP with CST)	17	4	7	4	3
State Road Modifications (annual program)	15 prioritized	1	3	10	1
Local Initiatives (annual program)	19 prioritized	0	13	0	6
Transportation Alternatives (annual program)	15 prioritized	4	11	0	0
TPA Major Priority Projects identified for studies	12				

Public Participation Process

The public participation process for the Draft FY 2024-2028 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 TIP. More information on the TPA's public participation process can be found at palmbeachtpa.org/PPP

Congestion Management Process

Projects and system-wide effectiveness for all modes of transportation are evaluated through the Congestion Management Process (CMP). A CMP is a systematic and regionally accepted approach for managing congestion that provides accurate, up-to-date information on transportation system performance and assesses alternative strategies for congestion management that meet TPA needs. The process is integrated into the TPA's performance measures that cover multiple modes of transportation including travel time reliability of people and trucks, transit v. car vehicle commute time, and walk, bike, transit commuter mode splits.

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.

State Road Modifications - The TPA Governing Board annually prioritizes highway, transit, freight and additional projects on state roadways based on the Goals, Objectives and Values in the LRTP.

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.

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 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 public funds by increasing accountability, transparency, and providing for better investment decisions geared towards specific 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	(2023) Zero
	Serious Injuries	Zero
	Rate of Serious Injuries per 100M vehicle miles travelled (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	(2023) ≥ 75%
	Percent of reliable person-miles traveled on the non-Interstate NHS	≥ 50%
	Truck travel time reliability ratio (TTTR) on the Interstate	≤ 1.75
Bridges	Percent of NHS bridges classified as in Good condition by deck area	(2023) ≥ 50%
	Percent of NHS bridges classified as in Poor condition by deck area	≤ 10%
Pavement	Percent of Interstate pavements in Good condition	(2023) ≥ 60%
	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	(2022)
	Vehicles – Articulated Bus	≤ 0%
	Vehicles – Fixed Route Bus	≤ 0%
	Vehicles – Paratransit Bus	≤ 0%
	Vehicles – Paratransit Van	≤ 0%
	Percent of Equipment exceeding useful life	
	Equipment – Automobiles	≤ 0%
	Equipment - Trucks	≤ 0%
	Percent of Facilities exceeding useful life	≤ 0%
Transit (SFRTA)		(2023)
Rolling Stock	Revenue vehicles (>39 yrs old)	≤ 30%
Equipment	Non-revenue support service & maintenance vehicles (>8 yrs old)	≤ 50%
Facilities	Stations, maintenance facilities, & operations center (<2.5 on 1-5 scale)	≤ 5%
Fixed Guideway	Rail fixed-guideway track with performance restrictions	≤ 3.5%
Transit Safety (Palm Tran)	Fixed Route / Paratransit	Fixed Route/Paratransit
	Fatalities	(2022) Zero/Zero
	Fatality Rate per 100k vehicle revenue miles (VRM)	Zero/Zero
	Injuries	63/34
	Injury Rate per 100k VRM	0.9/0.4
	Safety Events	43/32
	Safety Event Rate per 100k VRM	0.6/0.3
	System Reliability (VRM per failure)	14,000/7,700

SUMMARY OF PROJECTS

The following tables highlight the status of TPA Priority Projects, projects scheduled for construction in FY 2024, and new projects added by FDOT between the Adopted FY 23-27 TIP and the FY 24-28 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. An explanation of all potential project phases included in the TIP is provided below.

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 list of additional terms and their definitions, see Appendix A.

Table 1: State Road Modifications

Projects are predominantly on state roadways using state funding sources, including but not limited to District Dedicated Revenue (DDR) and Primary Highways & Public Transportation Funds (DS).
Anticipated funding is around \$20.4 Million/year but may vary based on FDOT/TPA needs. FDOT requests the TPA "oversubscribe" to ensure programming of all available funds.

Shown in \$1,000s

Year - Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	<FY 24	TIP FY 2024-2028					Addt'l Funds Needed	Notes
							FY24	FY25	FY 26	FY 27	FY 28		
04-1	FDOT	2296643 2296645 2296646	SR-7 from 60th St to Northlake Blvd	Construct new 4L road	\$93,989	\$6,329		ROW \$100			RRU \$24	\$87,535	Delayed to >FY 28. Pending litigation
04-2	FDOT	2296644 2296647	SR-7 from Okeechobee Blvd to 60th St	Widen from 2L to 4L	\$40,184	\$571				RRU \$3	CST \$39,610		Delayed to FY 28. Pending litigation
14-1	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	\$109,507	\$1,157		PDE \$1,350				\$107,000	FEC easement/ access fee and O&M commitment required for PDE
14-3	FDOT	2296584	Atlantic Ave from SR-7 to E of Lyons Rd	Widen from 2L to 4L, including buffered 7' buffered bicycle lanes and 6' sidewalks	\$40,807	\$11,546	RRU \$655 ROW \$1,759 CST \$21,563	ROW \$5,212 CST \$71					
16-1	FDOT	4405755 4405752 4405754	Atlantic Ave from W of Lyons Rd to Jog Rd (includes Florida's Turnpike to Cumberland Dr and Cumberland Dr to Jog Rd)	Widen from 4L to 6L, including 7' buffered bicycle lanes and 10'+ shared-use path	\$101,465	\$6,633	PE \$94 ROW \$4,173	PE \$94 ROW \$1,944	ROW \$11,716	ROW \$5,232 RRU \$50 CST \$5,566	ROW \$4,975 CST \$159	\$60,830	
16-3	Lake Worth Beach/ FDOT	4400461	Lake Worth Rd from Erie St to A St	Construct Pedestrian enhancements, reconfigure traffic circle	\$1,792	\$1,792							Construction Fall 2023
17-1	FDOT/ Palm Tran	4383861	US-1: Camino Real Rd to Indiantown Rd	561 Plan Transit Corridor: New enhanced transit service with associated multimodal facilities									
17-1a	Palm Tran	4383863	US-1: Palmetto Park Rd to Northlake Blvd	Implement Transit Signal Prioritization for entire corridor	\$2,000	\$2,000							Palm Tran finalizing procurement
17-1b	Palm Tran/ FDOT	4383864 4464431	US-1: Palmetto Park Rd to Northlake Blvd	Construct 14 enhanced transit shelters within existing ROW	\$8,253	\$2,000	PE \$238		CST \$5,989	CST \$26			
17-1c	Boca Raton/ FDOT	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; associated multimodal facilities	\$4,050			PE \$817				\$3,233	
17-1d	WPB/ FDOT	4383866	US-1: 25th St to 45th St in West Palm Beach	Reconstruct roadway to include pedestrian and bicycle facilities and safety enhancements	\$12,748		PE \$1,615					\$11,133	
17-1e	TPA/ FDOT	4383862	US-1: 59th St to Northlake Blvd in Riviera Beach and Lake Park	Reconstruct as 4L, add bicycle lanes and medians; move barrier wall on bridge to protect bicycle lanes; add street lights/ped-scale lights	\$8,822	\$1,520		CST \$7,302					

Table 1: State Road Modifications

Shown in \$1,000s

Year - Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	<FY 24	TIP FY 2024-2028					Addt'l Funds Needed	Notes
							FY24	FY25	FY 26	FY 27	FY 28		
17-1g	Lake Worth Beach/ FDOT	TBD	US-1: Dixie/Federal Junction to Gregory Rd in Lake Worth Beach	Lane Repurposing from 4L to 3L; associated multimodal facilities	\$5,674							\$5,674	City is working on FDOT lane repurposing application
17-2	Boynton Beach/ FDOT	4440791	Boynton Beach Blvd from I-95 to US-1	Reconstruct to narrow vehicle lanes, construct 9' sidewalk on north side, 15' shared use path on south side	\$8,250	\$884	RRU \$230 CST \$7,108	CST \$28					
17-5	FDOT	4416321	Lake Worth Rd from Raulerson Dr to Palm Beach St College Ent	Resurfacing with separated bicycle lanes, new mid-block crossings, enhanced crosswalks	\$8,628	\$8,628							Under Construction
18-1	TPA & Palm Tran /FDOT	4417581	Okeechobee Blvd from SR-7 to US-1; SR-7 from Forest Hill Blvd to Okeechobee Blvd	561 Plan Transit Corridor: New enhanced transit service with associated multimodal facilities									
18-1a	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						
18-1b	Palm Tran/ FDOT	4417583	Okeechobee Blvd from SR-7 to US-1; SR-7 from Forest Hill Blvd to Okeechobee Blvd	Construct enhanced transit shelters within existing ROW	\$8,109			PE \$871	PE \$37			\$7,200	TPA working with Palm Tran to refine shelter design and locations
18-1c	TPA/ FDOT	4513801	Okeechobee Blvd from SR-7 to US-1; SR-7 from Forest Hill Blvd to Okeechobee Blvd	Roadway feasibility study based on TPA planning study recommendation	\$2,000			PL \$2,000					Next step after TPA planning study
18-2	TPA/ FDOT	4417561 4417562	SR-80 from SR-15 to CR-880	Add street lighting	\$24,639	\$16,907			CST \$7,732				
18-3	TPA/ FDOT	4417571	US-27 Connector from US-27 to SR-715	Construct new 2-lane road	\$750	\$250				PDE \$500			Alternative Corridor Evaluation (ACE) underway
19-1	TPA & Palm Tran /FDOT	TBD	Lake Worth Rd from SR-7 to US-1; SR-7 from Lake Worth Rd to Forest Hill Blvd	561 Plan Transit Corridor: New enhanced transit service with associated multimodal facilities									
19-1a	Palm Tran	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	
20-1	Boca Raton/ FDOT	4482641	Federal Hwy at Spanish River Blvd	Convert EB to SB right turn only to right/through with bike lane and mast arm conversion	\$1,715				PE \$279	PE \$21		\$1,415	

Table 1: State Road Modifications

Shown in \$1,000s

Year - Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	<FY 24	TIP FY 2024-2028					Addt'l Funds Needed	Notes
							FY24	FY25	FY 26	FY 27	FY 28		
20-2 & 20-4	Palm Beach County/ FDOT	4479441	Atlantic Ave at Military Trl; Belvedere at Military Trl; Forest Hill Blvd at I-95	Replace span wire traffic signals with mast arms and steel strain pole span wires and upgrade supporting infrastructure. Upgrade to mast arm signals; enhanced pedestrian signals and detection; upgrade ITS elements and roadway lighting; curb ramp and sidewalk upgrades to meet ADA.	\$11,067				PE \$166			\$9,985	
		4480731	US-1 at Silver Beach Rd, Military at Investment Ln, Okeechobee at Quadrille Blvd, Lakeview Ave at Quadrille Blvd						PE \$287	PE \$21			
		4481071	US-1 at SE 1st St, 7th Ave N, 10th Ave N, 13th Ave N; Boynton Beach Blvd at US-1, Congress Ave, Seacrest Blvd, Military Trl, Hagen Ranch Rd; Congress Ave at Dolan Rd; Atlantic Ave at Hamlet Dr; Lake Ave at SR-A1A (include w/ FM 4476631)						PE \$609				
20-3	Boca Raton/ FDOT	4480641	Glades Rd/SR-808 at Town Center Blvd; I-95 NB off ramp at W Palmetto Park Rd; I-95 SB off ramp at Palmetto Park Rd; US-1 at Royal Palm Way; US-1 at Hidden Valley Blvd	Replace span wire traffic signals with mast arms and upgrade supporting infrastructure	\$5,827				PE \$479			\$4,994	
		4481351	US-1 at Glades Rd, NE 15th Ter, and NE 24th Ter						PE \$354				
20-5	Palm Beach County/ FDOT	4479451	SR-715 from Hatcher Rd to Paul Rardin Park SR-715 from Airport Rd to SW 14th St	Construct 6' sidewalk on W side of roadway.	\$752				PE \$246			\$507	
20-6	TPA/ FDOT	4398451	SR-715 from SR-80 to W of Canal St South	Modify resurfacing project to add buffered bicycle lanes, missing sidewalk connections to SR-80 and to PB State College entrance, and roadway lighting.	\$5,661	\$5,661							Construction Fall 2023
20-8	Lake Worth Beach/ FDOT	4461041	Lake Ave/Lucerne Ave/SR-802 from E of A St to E of Golfview Rd	Modify resurfacing project to add stamped concrete crosswalks, replacement of sidewalk pavers, and improved stormwater drainage.	\$5,207	\$324	CST \$4,883						Construction Winter 2023

Table 1: State Road Modifications

Shown in \$1,000s

Year - Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	<FY 24	TIP FY 2024-2028					Addt'l Funds Needed	Notes
							FY24	FY25	FY 26	FY 27	FY 28		
21-1	TPA/ FDOT	4498771	Forest Hill Blvd from W of Jog Rd to Military Trl	Add roadway lighting on N side and pedestrian lighting, bus bay layover facility, enhanced crosswalks at three signalized intersections, green markings in bicycle conflict zones	\$2,616					PE \$700		\$1,916	
21-2	TPA/ FDOT	4498791	Congress Ave from Lake Worth Rd to Forest Hill Blvd	Add pedestrian lighting, enhanced crosswalks at six signalized intersections, and bus stop amenities	\$3,202				PE \$670	ENV \$30		\$2,502	
21-3	Boca Raton/ FDOT	4495531 4498751	SR-A1A at Spanish River Blvd and Camino Real (include w/ FM 4476611); US-1 at Jeffery St, NE 32nd St, NE 20th St, Fire Station #1, NE Mizner Blvd, SE Mizner Blvd, and Camino Real; Yamato Rd at NW 2nd Ave (include w/ FM 447657.1); Glades Rd at NW 2nd Ave and Pinehurst Ln; I-95 NB Ramp at Peninsula Corp Dr; I-95 SB Ramp at Peninsula Corp Dr	Replace span wire traffic signals with mast arms and steel strain pole span wires and upgrade supporting infrastructure	\$5,090					PE \$820 ENV \$60		\$4,210	
21-4	TPA/ FDOT	4476701	SR-7 from Glades Rd to Bridgebrook Dr	Modify resurfacing project to add sidewalk on E side and green markings in bicycle conflict zones	\$9,595			CST \$9,567	CST \$29				FDOT able to incorporate sidewalk on E side
21-5	TPA/ FDOT	4358041 4476671	Boynton Beach Blvd from Congress Ave to E of I-95	Modify resurfacing project and interchange capacity project to provide wider sidewalks and buffered bike lanes on both sides of roadway	\$57,260		ROW \$644 RRU \$2,300	ROW \$13,264 CST \$40,898	CST \$155				FDOT incorporated requests as feasible
21-6	FDOT	TBD	Indiantown Rd at Central Blvd	Conduct PD&E to evaluate congestion mitigation alternatives with minimal adverse impacts to pedestrians, bicycles, and local businesses	\$2,000							\$2,000	FDOT request. Recommended alternative to be endorsed by TPA prior to funding additional phases
Cost Summary					\$593,658	\$66,202	\$46,262	\$83,518	\$28,746	\$13,030	\$44,768	\$311,132	

Table 2: Local Initiatives Program

This program is for projects on non-state roadways that are federal-aid eligible. Sources of funding are from the approximately \$22.8 Million/year of the federal Surface Transportation Block Grant (STBG) program, known locally as SU funds, that is allocated to the TPA for prioritization. STGB funds allocated to FDOT, known as SA, sometimes supplement the projects.

Shown in \$1,000s

Year - Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 24	TIP FY 2024-2028						Addt'l Funds	Notes
							FY 24		FY 25		FY 26	FY 27		
--	Palm Beach TPA	4393254 4393255	Surface Transportation (SU) funds to support TPA Planning & Administration as outlined in greater detail in the UPWP		\$22,929		PL \$2,721 SU \$1,820	PL \$2,523 SU \$1,911	PL \$2,566 SU \$2,006	PL \$2,566 SU \$2,100	PL \$2,566 SU \$2,150	\$2,566 \$2,200		
14-6	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	\$45,733	\$45,733							Construction late FY 2024	
15-2	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							Implementation in FY 2023	
15-3	Palm Tran	4383921	Various locations along existing Palm Tran bus routes	Construct 30 transit shelters	\$600	\$600							In procurement. Implementation in FY 2023	
15-4	West Palm Beach	4383961	Various locations along existing WPB trolley lines	Construct seven (7) trolley shelters	\$571	\$571							Implementation in FY 2023	
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, pedestrian enhancements and bridge	\$9,937	\$1,323	CST \$8,597	CEI \$17						
17-2	Delray Beach	4415331	Lindell Blvd from Linton Blvd to Federal Hwy/US 1	Construct sidewalks and separated bike lanes	\$12,143	\$12,143							Construction Winter 2023	
17-4	Palm Tran	4415711	Various Palm Tran bus stops	Replace 40 transit shelters	\$800	\$800							Construction in FY 2023	
17-6	Delray Beach	4415321	Barwick Rd from Atlantic Ave to Lake Ida Rd	Construct sidewalks and separated bike lanes	\$10,446	\$10,446							Construction Spring 2024	
17-7	Delray Beach	4415861	Brant Bridge connector from Lindell Blvd to Brant Bridge	Construct sidewalks and separated bike lanes	\$2,540	\$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	\$4,832	\$4,832							Construction Fall 2023	
18-2	West Palm Beach	4443761	Parker Ave from Forest Hill Blvd to Nottingham Blvd	Construct buffered/separated bicycle lanes and pedestrian lighting	\$5,765	\$5,765							Under Construction	
18-3	Palm Beach County	4443701	Lyons Rd/ Sansbury Way from Forest Hill Blvd to Okeechobee Blvd	Construct separated bicycle lanes	\$6,096	\$6,096							Under Construction	

Table 2: Local Initiatives Program

Shown in \$1,000s

Year - Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 24	TIP FY 2024-2028					Addt'l Funds	Notes
							FY 24	FY 25	FY 26	FY 27	FY 28		
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	\$2,625	\$2,625							Construction May 2023
18-6	Delray Beach	4443771	Germantown Rd from Old Germantown Rd to Congress Ave	Construct sidewalks and separated bike lanes	\$11,635	\$5	CST \$11,342	CST \$289					
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	\$3,858		CAP \$3,858						
19-2	Palm Beach County	4460861	Cresthaven Blvd from S Jog Rd to S Military Trl	Construct 7' buffered bike lanes and three intersection modifications	\$4,603	\$5		CST \$4,598					
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 improvements, sidewalks	\$7,038	\$5		CST \$7,033					
19-6	Wellington	4460821	Greenview Shores Blvd from Binks Forest Dr to Wellington Tr	Construct 4' designated bike lanes	\$1,258	\$5		CST \$1,253					
20-1	Palm Tran	4482951	Palm Tran electric buses and Palm Tran Maintenance Facility (Electronics Way) charging stations	Purchase 4 electric buses and install electric charging at maintenance facility	\$5,000					CAP \$5,000			
20-2	SFRTA	4481031	SFRTA - Tri-Rail Service	Purchase one (1) passenger rail car	\$5,000			CAP \$5,000					
20-3	Lake Worth Beach	4483541	South East Coast Street and S. H Street	Reconstruct roadways to one-way pair with 4' designated bike lanes	\$7,889			PE \$5		CST \$7,884			
20-4	Wellington	4482991	Greenbriar Blvd from Aero Club Drive to Greenview Shored Blvd.	Construct 4' designated bike lanes	\$2,426		PE \$5	CST \$2,421					
20-5	Wellington	4483061	C-2 Canal from Greenview Shores Blvd to Bent Creek Rd	Construct 10' shared use pathway	\$554		PE \$5		CST \$549				
20-6	Royal Palm Beach	4483051	Various Locations - Residential Roads	Construct ADA Improvements - Sidewalks and Curb Ramps	\$671		PE \$5		CST \$666				
21-1	SFRTA	4498501	SFRTA - Tri-Rail Service	Purchase one (1) passenger rail car	\$5,000					CAP \$5,000			
21-2	Palm Beach County	4498471	Prosperity Farms from 800' N of Northlake Blvd to Donald Ross Rd	Construct 4' designated bike lanes	\$5,980		PE \$5		CST \$2,447	CST \$3,528			

Table 2: Local Initiatives Program

Shown in \$1,000s

Year - Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 24	TIP FY 2024-2028					Addt'l Funds	Notes
							FY 24	FY 25	FY 26	FY 27	FY 28		
22-1	Boca Raton	TBD	SW 18th Street from Military Trail to Addison Ave	Construct 10' shared use paths and missing crosswalks and sidewalks	\$1,494							\$1,494	Coordination between FDOT, SFRTA, and Boca Raton to fund in earlier year
22-2	SFRTA	4481032	SFRTA - Tri-Rail Service	Purchase one (1) passenger rail car	\$5,000				CAP \$3,500	CAP \$1,500			
22-3	Palm Beach Gardens	4508001	Gardens Parkway from Alternate A1A to Prosperity Farms Road	5' designated bike lane and 8' sidewalk	\$3,615					PE \$5		\$3,610	Local design anticipated for FY 27
22-4	Palm Tran	TBD	Palm Tran electric buses and Palm Tran Maintenance Facility (Electronics Way) charging stations	Purchase 4 electric buses and install electric charging at maintenance facility	\$5,000							\$5,000	
22-5	Delray Beach	4507931	Barwick Rd from Lake Ida Rd to Sabal Lakes Rd (N)	10' shared use path and new sidewalk	\$1,664					PE \$5		\$1,659	Local design anticipated for FY 27
22-6	Palm Tran	TBD	Countywide	Bus Stop Improvements	\$5,000							\$5,000	
22-7	ITID	4507951	Temple Blvd, Hall Blvd, 140th Ave	Seminole Speed Tables	\$442							\$442	Local design anticipated for FY 27
Cost Summary					\$209,649	\$92,465	\$28,358	\$27,583	\$11,734	\$27,588	\$4,716	\$21,971	

Table 3: Transportation Alternatives Program

This program is for non-motorized projects on or off the federal-aid eligible network. Sources of funding are from the approximately \$3.1 Million/year of the federal STBG Transportation Alternatives (TA) set-aside program, known locally as TA, that is allocated to the TPA for prioritization.

Shown in \$1,000s

Year - Rank	Applicant/ Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 24	TIP FY 2024-2028					Addt'l Funds Needed	Notes
							FY 24	FY 25	FY 26	FY 27	FY28		
16-2	West Palm Beach/ FDOT	4400151	North Shore Bridge in West Palm Beach	Construct pedestrian bridge west of existing roadway bridge	\$846	\$423	CST \$1,389						
17-1	West Palm Beach	4415271	Northmore neighborhood	Construct sidewalks and shared use pathways	\$1,325	\$1,325							Construction early 2024
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	\$1,998	\$1,998							Construction Jan 2023
18-2	Greenacres	4443591	Dillman Trail from Forest Hill Blvd to Dillman Rd	Construct 12' shared use path	\$723	\$723							Under Construction Exp Complete Jun 2023
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	\$869	\$869							Construction Fall 2023
19-1	Westgate CRA/ Palm Beach County	4460771	Seminole Blvd from Okeechobee Blvd to Oswego Ave	Construct 10-12' shared use paths, high visibility crosswalks, and pedestrian lighting	\$1,645	\$1,645							Construction Fall 2023
19-2	Boynton Beach	4460781	SE 1st St from Boynton Beach Blvd to Woolbright Rd	Construct 10' shared use path on western side of roadway	\$6,489	\$3,247	CST \$3,242						
19-4	Palm Beach Gardens	4460841	Various existing pedestrian crossings	Install pedestrian activated flashers at 12 existing crossings	\$887	\$887							Construction Summer 2023
20-1	Lake Worth Beach	4483011	Various Locations - Local Roads	Construct ADA Curb Ramps and Sidewalk	\$1,095	\$1,095							Construction Fall 2023
20-2	Palm Beach Gardens	4483021	Kyoto Gardens Drive from Military Trail to Alt A1A	Construct 5' bike lane and 8' pathway on north side of roadway	\$1,314	\$1,314							Construction late Summer 2023
20-3	Westgate CRA/ Palm Beach County	4483031	Cherry Rd from Military Trl to Quail Dr	Construct 10-12' shared use path and pedestrian lighting on north side of roadway	\$1,894	\$5	CST \$1,889						
20-4	Palm Tran	4483041	Countywide - 110 bus stops	Install 5' sidewalk connections and ADA bus stop enhancements	\$281		CAP \$281						
21-1	Palm Beach Gardens	4490051	Burns Rd from Military Trl to Alt A1A	Construct 9.5' separated two-way bicycle track	\$1,405	\$5		CST \$1,400					
21-2	Boca Raton	4489991	El Rio Trail from Glades Rd to Yamato Rd	Install lighting	\$1,274	\$5		CST \$1,269					

Table 3: Transportation Alternatives Program

Shown in \$1,000s

Year - Rank	Applicant/Lead Agency	Proj. No.	Location	Description	Total Cost	< FY 24	TIP FY 2024-2028					Addt'l Funds Needed	Notes
							FY 24	FY 25	FY 26	FY 27	FY28		
21-3	ITID	4490021	Grapeview Blvd from Key Lime Blvd to 60th St and Key Lime Blvd from Hall to M-1 Canal	Construct 10' shared use path and 8' pathway	\$1,663	\$5		CST \$1,658					
21-4	Wellington	4490061	C-8 Canal from Forest Hill Blvd to Stribling Way	Construct 10' shared use path	\$739	\$5		CST \$734					
22-1	ITID	4507871	Hamlin Blvd from Hall Blvd to Grapeview Blvd; Grapeview Blvd from Hamlin Blvd to Citrus Grove Blvd; Citrus Grove Blvd from Hall Blvd to Avocado Blvd	Construct 10' shared use path and expand existing sidewalk to 8'	\$1,305		PE \$5		CST \$1,300				
22-2	Palm Beach Gardens	4508291	Fairchild Ave from Fairchild Gardens Ave to Campus Dr	Construct buffered bicycle lanes and 8' pathway on south side of roadway	\$1,413		PE \$5		CST \$1,408				
22-3	West Palm Beach	4508621	49th St from Greenwood Ave to North Flagler Drive	Construct ADA curb ramps and sidewalks, traffic calming speed humps and sharrows	\$570		PE \$5		CST \$565				
22-4	Royal Palm Beach	4508241	Various Locations - Local Roads	Install pedestrian and bicycle network wayfinding signage	\$879		PE \$5		CST \$874				
Cost Summary					\$28,615	\$13,552	\$6,821	\$5,061	\$4,148				

Table 4: New FDOT Projects

Shown in \$1,000s

Lead Agency	Proj. No.		Description	Total Cost	< FY 24	TIP FY 2024-2028					Notes
						FY 24	FY 25	FY 26	FY 27	FY 28	
Palm Beach County	4522451	Flavor Pict Rd from Lyons Rd to Hagen Ranch Rd	New Road Construction	\$18,826						CST \$18,826	\$15.2 M in local funding, \$3.6 M CIGP
Turnpike	4157484	Florida's Turnpike from PGA Blvd to W Indiantown Rd (MP 110-117)	Widen 4 to 8 lanes	\$500					PE \$500		
FDOT	4512241	SR-80/Jog Rd Improvements	Add left turn lane(s)	\$1,700		PE \$293		RRU \$10	CST \$1,397		
FDOT	4442593	SR-80/US-27 Electric Vehicle Charging Program - Phase II	Electric Vehicle Charging	\$2,400		CAP \$900	OPS \$1,500				
FDOT	4505873	SR-706/Indiantown Rd Bridges #930453 & 930454	Bridge Rehabilitation	\$11,101		PE \$1,092				CST \$10,009	
FDOT	4506841	SR-A1A/Ocean Blvd Bridge over Boca Inlet (#930060)	Bridge Rehabilitation	\$7,648			PE \$836	PE \$42		CST \$6,770	
FDOT	4498351	SR-25/US-27 from MP 12.7 to MP 16	Resurfacing	\$12,469		PE \$1,242			CST \$11,226		
FDOT	4498321	Federal Hwy/SR-5 from Dixie Hwy/US-1/SR-5 to 10th Ave S	Resurfacing	\$1,680		PE \$277			CST \$1,403		
FDOT	4484381	SR-7/US-441 from S of SR-804/Boynton Beach Blvd to S SR-802/Lake Worth Rd	Resurfacing	\$14,091		PE \$637			CST \$13,455		
FDOT	4498141	SR-704/Royal Palm Way from 4 Arts Plaza to S County Rd	Resurfacing	\$3,009		PE \$358			CST \$2,651		
FDOT	4484391	Beeline Hwy/SR-710 from west of Park Commerce Blvd to east of Aviation Blvd	Resurfacing with concrete	\$63,936		PE \$5,689				CST \$58,246	
FDOT	4498341	SR-717/E Canal St from SR-80 to SE Ave E	Resurfacing	\$4,648		PE \$517			PE \$26 CST \$4,104		
FDOT	4498101	Lake Worth Rd/SR-802 from Everett Ct to A St	Resurfacing	\$2,772		PE \$320		RRU \$100	CST \$2,351		
FDOT	4463731	Forest Hill Blvd/SR-882 from east of Lake Clarke Drive to Dixie Hwy/US-1	Resurfacing	\$4,142		PE \$497 RRU \$10		RRU \$200	CST \$3,435		

Table 4: New FDOT Projects

Shown in \$1,000s

Lead Agency	Proj. No.		Description	Total Cost	< FY 24	TIP FY 2024-2028					Notes
						FY 24	FY 25	FY 26	FY 27	FY 28	
FDOT	4506771	US-1/SR-5 from north of Silver Beach Rd to south of Palmetto Dr	Landscaping	\$582		PE \$77			CST \$505		
FDOT	4506791	I-95 at Okeechobee Blvd/SR-704	Landscaping	\$1,954					CST \$1,954		
FDOT	4443431	I-95 at Hypoluxo Rd	Landscaping	\$1,039				PE \$257		CST \$782	
FDOT	4492901	I-95 from NB Linton Rd off-ramp to Lawson Blvd Underpass	Landscaping	\$3,450			PE \$422		CST \$3,028		
FDOT	4443371	I-95 from north of Woolbright Rd to south of Woolbright Rd	Landscaping	\$1,325		PE \$236		CST \$1,089			
				\$90,135		\$12,146	\$2,759	\$1,699	\$46,036	\$94,632	

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		2024	2025	2026	2027	2028	Total
Federal							
NATIONAL HIGHWAY PERFORMANCE PROGRAM (NHPP)							
ACNP	AC NATIONAL HWY FUNDS	10,821,192	36,675,785	37,231,594	69,060,355	42,133,891	195,922,817
ACNR	AC NATIONAL HWY RESURFACING	26,623,998	8,024,436	-	5,202,357	9,958,345	49,809,136
ACPR	ADVANCED CONSTRUCTION PROTECT GRANT	5,039,205	-	149,832	-	10,286,744	15,475,781
SURFACE TRANSPORTATION BLOCK GRANT (STBG) PROGRAM							
CARU	CARBON REDUCTION, PALM BEACH TPA	-	2,853,560	2,796,058	2,500,000	2,610,631	10,760,249
GFEV	GENERAL FUND - VEHICLE CHARGING PROGRAM	900,000	1,500,000	-	-	-	2,400,000
GFSU	GENERAL FUND - STPBG >200K (Urban)	1,309,773	-	-	-	-	1,309,773
SA	STP, ANY AREA STATEWIDE	5,355,879	5,889,055	133,388	10,028,163	12,090,815	33,497,300
SU	STP, PALM BEACH TPA	38,612,528	21,198,712	23,053,979	21,140,788	23,299,659	127,305,666
TALT	TRANSPORTATION ALTS- ANY AREA STATEWIDE	1,220,336	1,919,558	832,293	-	-	3,972,187
TALU	TRANSPORTATION ALTS PALM BEACH MPO	2,525,384	1,519,462	2,279,449	-	-	6,324,295
HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP)							
ACSS	ADVANCE CONSTRUCTION (SS,HSP)	7,133,811	4,561,919	12,174,568	-	1,461,594	25,331,892
OTHER FEDERAL PROGRAMS							
ACFP	AC NATIONAL FREIGHT PROG (NFP)	-	1,115,000	11,450,728	-	1,755,000	14,320,728
ACBR	AC FED BRIDGE FUNDS	6,476,166	2,138,062	-	-	-	8,614,228
CM	CONGESTION MITIGATION FOR AIR QUALITY	1,256,720	71,130	-	-	-	1,327,850
FAA	FEDERAL AVIATION ADMIN	3,600,000	1,260,000	-	-	-	4,860,000
FEDERAL TRANSIT ADMINISTRATION							
5307	FEDERAL TRANSIT URBAN AREA FORMULA FUNDS	23,398,000	23,398,000	24,398,000	23,398,000	23,398,000	117,990,000
5311	FEDERAL TRANSIT RURAL AREA FORMULA FUNDS	-	313,000	320,000	320,000	320,000	1,273,000
5339	FTA BUS & BUS FACILITIES INFRASTRUCTURE	2,200,000	2,000,000	2,000,000	2,000,000	2,000,000	10,200,000
DU	STATE PRIMARY/FEDERAL REIMB	1,904,155	400,915	443,158	450,970	459,642	3,658,840
GfBR	GENERAL FUND - BRIDGE REPAIR	7,504,708	-	-	-	-	7,504,708
PL	METRO PLAN (85% FA; 15% OTHER)	2,737,071	2,522,914	2,565,873	2,565,873	2,565,873	12,957,604
<i>Federal Subtotal</i>		<i>148,618,926</i>	<i>117,361,508</i>	<i>119,828,920</i>	<i>136,666,506</i>	<i>132,340,194</i>	<i>654,816,054</i>

Total Programmed by Funding Code

Fund Code / Name		2024	2025	2026	2027	2028	Total
State							
BNIR	INTRASTATE R/W & BRIDGE BONDS	6,873,563	20,964,432	-	-	-	27,837,995
BRRP	STATE BRIDGE REPAIR & REHAB	225,000	6,360,492	1,871,254	-	16,535,318	24,992,064
CIGP	COUNTY INCENTIVE GRANT PROGRAM	326,616	533,749	-	-	7,158,324	8,018,689
D	UNRESTRICTED STATE PRIMARY	20,019,283	20,263,847	20,241,921	20,690,684	22,891,703	104,107,438
DDR	DISTRICT DEDICATED REVENUE	60,351,453	61,096,699	48,930,972	49,330,754	36,036,471	255,746,349
DI	ST. - S/W INTER/INTRASTATE HWY	-	2,423,234	23,906,377	99,197,974	1,400,000	126,927,585
DIH	STATE IN-HOUSE PRODUCT SUPPORT	2,902,278	2,184,913	1,393,569	1,736,041	890,275	9,107,076
DIS	STRATEGIC INTERMODAL SYSTEM	-	8,361,630	-	-	-	8,361,630
DITS	STATEWIDE ITS - STATE 100%.	3,613,761	1,681,552	1,731,998	1,378,157	-	8,405,468
DPTO	STATE - PTO	13,350,950	22,960,276	8,278,808	10,940,901	6,771,334	62,302,269
DS	STATE PRIMARY HIGHWAYS & PTO	20,198,867	2,100,173	2,720,530	9,423,431	220,000	34,663,001
DSPC	SERVICE PATROL CONTRACT	658,391	1,748,953	3,438,953	4,884,208	1,115,531	11,846,036
FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTIO	-	12,607,119	-	-	-	12,607,119
PKBD	TURNPIKE MASTER BOND FUND	243,211,518	371,191,595	141,229,393	215,910,887	208,051,708	1,179,595,101
PKYI	TURNPIKE IMPROVEMENT	67,635,837	4,055,681	19,972,748	18,479,215	25,946,796	136,090,277
PKYR	TURNPIKE RENEWAL & REPLACEMENT	2,046,912	4,425,585	-	-	-	6,472,497
PKYO	TURNPIKE TOLL COLLECTION/OPER.	62,313,554	54,716,207	57,716,207	54,716,207	57,716,000	287,178,175
PORB	PORT FUNDS RETURNED FROM BONDS	13,769	-	-	-	-	13,769
PORT	SEAPORTS	2,251,314	-	-	-	-	2,251,314
SCRC	SMALL COUNTY OUTREACH PROGRAM - RURAL	1,124,722	-	-	-	-	1,124,722
SIWR	2015 SB2514A-STRATEGIC INT SYS	-	175,000	-	2,594,925	-	2,769,925
STED	2012 SB1998-STRATEGIC ECON COR	-	25,392,000	10,900,000	54,100,662	-	90,392,662
TDTF	TRANS DISADV - TRUST FUND	3,197,000	3,197,000	3,197,000	3,197,000	3,197,000	15,985,000
TMBD	I-95 EXPRESS LANES	725,848	725,848	725,848	725,848	725,848	3,629,240
TOBD	I-95 EXPRESS LANES	1,266,269	1,283,255	600,258	834,635	859,230	4,843,647
TRIP	TRANS REGIONAL INCENTIVE PROGM	-	65,265	1,821,194	2,100,000	-	3,986,459
TRWR	TRIP, WHEELS ON THE ROAD	1,690,027	1,748,160	1,401,152	-	-	4,839,339
<i>State Subtotal</i>		<i>513,996,932</i>	<i>630,262,665</i>	<i>350,078,182</i>	<i>550,241,529</i>	<i>389,515,538</i>	<i>2,434,094,846</i>

Total Programmed by Funding Code

Fund Code / Name		2024	2025	2026	2027	2028	Total
Local							
ADR	ADVERTISING REVENUE	620,000	620,000	620,000	620,000	620,000	3,100,000
ADV	AD-VALOREM	56,201,819	57,621,598	58,216,598	37,830,000	37,830,000	247,700,015
BOCA	BOCA RATON	476,000	476,000	476,000	476,000	476,000	2,380,000
CENW	CENTURY WEST	350,000	350,000	350,000	350,000	350,000	1,750,000
FBR	FAREBOX REVENUE	12,358,000	12,358,000	12,385,000	12,415,000	12,415,000	61,931,000
IST	INFRASTRUCTURE SUR TAX	21,303,175	35,684,000	9,802,000	23,930,000	-	90,719,175
LF	LOCAL FUNDS	169,889,284	186,906,231	96,059,084	59,348,104	61,399,298	573,602,001
PKLF	LOCAL SUPPORT FOR TURNPIKE	41,120,000	-	-	-	-	41,120,000
MF	MOBILITY FEE	140,000	437,146	-	-	-	577,146
RTA	SFRTA	666,000	666,000	666,000	666,000	666,000	3,330,000
<i>Local Total</i>		<i>303,124,278</i>	<i>295,118,975</i>	<i>178,574,682</i>	<i>135,635,104</i>	<i>113,756,298</i>	<i>1,026,209,337</i>
Summary							
Federal		148,618,926	117,361,508	119,828,920	136,666,506	132,340,194	654,816,054
State		513,996,932	630,262,665	350,078,182	550,241,529	389,515,538	2,434,094,846
Local		303,124,278	295,118,975	178,574,682	135,635,104	113,756,298	1,026,209,337
Grand Total		965,740,136	1,042,743,148	648,481,784	822,543,139	635,612,030	4,115,120,237



PALM BEACH TPA 2050 LRTP GOALS & OBJECTIVES

VISION
2050
3.A

Performance-Based Planning

This chapter provides and documents the policy direction and performance-based planning approach for the transportation network and systems within the Palm Beach TPA planning area. In compliance with federal and state regulations, the TPA established a set of goals, objectives, performance measures, and targets to provide a basis for performance-based planning that will best serve the community and environment, today and into the future. These goals, objectives, performance measures, and targets are consistent with the guidance of current Federal transportation planning requirements established in the Fixing America's Surface Transportation (FAST) Act and continued by the Infrastructure Investment and Jobs Act (IIJA). The performance-based planning for Vision 2050 is also consistent with the Florida Transportation Plan (FTP).

Development of the Goals and Objectives

Goals and objectives for Vision 2050 were developed based on federal, state, and local guidance including the requirements highlighted within the following sections.

Vision 2050 Goals and Objectives

Goals and objectives reflecting the vision of the planning area were developed at the outset of the planning process. The goals are shown below in **Figure 1** with their related objectives listed on the following pages. The following pages detail the objectives that tie directly to the identified Federal transportation performance measures.

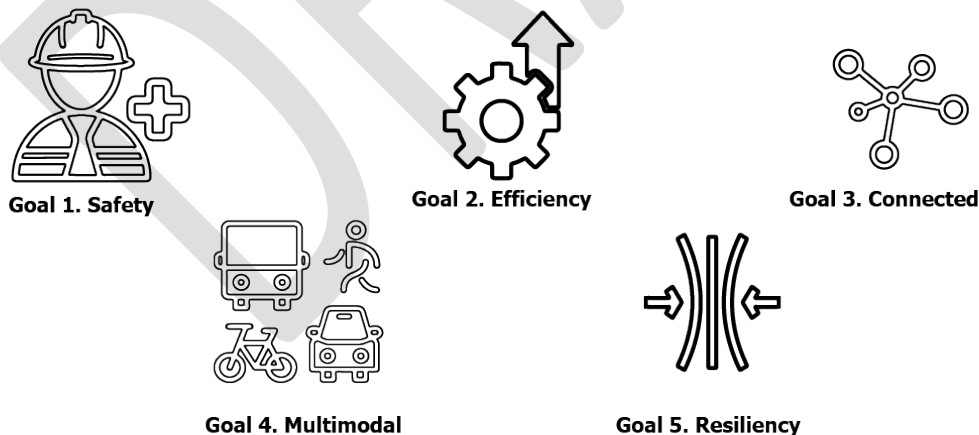


Figure 1. Vision 2050 Goals



PALM BEACH TPA 2050 LRTP GOALS & OBJECTIVES

Goal – Safety

Objective S.1: Eliminate transportation related serious injuries and fatalities.

Strategy: Implement the TPA Vision Zero Action Plan.

Strategy: Identify and prioritize projects on the High Injury Network.

Strategy: Provide greater degree of safeguards in neighborhoods with statistically underserved populations.

Objective S.2: Support regional adoption of safety policies and plans.

Strategy: Provide technical assistance on Vision Zero and Complete Streets.

Strategy: Provide input during planning & design.

Objective S.3: Support emergency management functions including evacuation, response, and post-disaster recovery.

Strategy: Consider projects that maintain or enhance evacuation routes.

Objective S.4: Enhance the safety and security of transit, rail, and other multimodal facilities.

Strategy: Improve existing rail grade crossings with a crash history.

Strategy: Improve bus terminals and stop areas.

Strategy: Develop microtransit and mobility hubs throughout the county.

Current Measures	Measures for Consideration
Fatalities	Safety Projects along the HIN
Fatal Crash Rate	Tactical interventions in HIN
Serious Injuries	Partner safety resolutions and action plans
Serious Injury Rate	Plans reviewed through FDOT ERC
Non-motorized Fatalities and Serious Injuries	Equity based projects programmed
Rail Fatalities	Rail crossings improved
Palm Tran Fixed Route & Paratransit Safety	Rail crossings grade separated



PALM BEACH TPA 2050 LRTP GOALS & OBJECTIVES

Goal – Efficient

Objective E.1: Provide more efficient use and operation of the transportation system.

Strategy: Repurpose existing road space for high-capacity use.

Objective E.2: Address capacity constraints of the existing transportation system.

Strategy: Identify strategies to improve capacity of bottlenecks in the transportation system.

Strategy: Add or expand space for sustainable modes.

Objective E.3: Improve public transit reliability, efficiency, and convenience.

Strategy: Prioritize transit speed and reliability with technology.

Strategy: Provide real-time travel information.

Objective E.4: Address the economic barrier of car ownership with transportation options.

Strategy: Study and improve transit operations.

Strategy: Provide first-mile and last-mile travel solutions.

Objective E.5: Incentivize reduced travel demand during peak periods.

Strategy: Leverage transportation demand management (TDM) tools & programs, including work from home and telework options.

Strategy: Implement Transportation Systems Management & Operation (TSM&O) along congested corridors to target non-urban centers.

Current Measures to be Continued	Measures for Consideration
% of reliable person-miles traveled on the Interstate system	Corridors or Routes improved
% of reliable person-miles traveled on the Non-Interstate NHS	High-frequency transit coverage
Truck Travel Time reliability on the Interstate system	Last-mile coverage areas
Transit vs. Car Average Commute Time	Trips taken via alternatives
Tri-Rail Passenger Trips per Revenue Hour	Mobility service area coverage



PALM BEACH TPA 2050 LRTP GOALS & OBJECTIVES

Goal – Connected

Objective C.1: Provide a range of interconnected transportation options to improve mobility for all residents, workers, and visitors.

Strategy: Address the unique needs of the elder population, people with disabilities, and those unable to drive.

Strategy: Address needs of all people for walking and bicyclists, i.e., providing lower stress/greater comfort options through separated lanes, shared use paths, with protective barriers from roadway.

Objective C.2: Fill gaps in multimodal transportation facilities.

Strategy: Construct the Tier 1 bike/ped network.

Strategy: Improve accessibility between transit or schools and surrounding land uses.

Objective C.3: Deploy connected technology to enhance traffic operations.

Strategy: Implement emergency & transit signal preemption.

Strategy: Implement communications interconnect network.

Objective C.4: Increase availability of transit information to support trip decision-making.

Strategy: Provide real time transit data.

Strategy: Integrate information of all service options under a common platform.

Objective C.5: Improve intermodal links that support freight and tourism

Strategy: Target bottlenecks accessing intermodal ports.

Current Measures to be Continued	Measures for Consideration
Centerline mileage of federal aid eligible roadways that include: <ul style="list-style-type: none"> Separated bike lanes Shared Use Paths of 10ft or more 8 to 9 ft Paved Pathways Buffered Bike Lanes Designated Bike Lanes Sidewalks 	Tier 1 network completeness index
Percentage of federal aid eligible mileage with: <ul style="list-style-type: none"> Bike Facilities within 3 mi. of a Transit Hub Pedestrian Facilities within 1 mi. of a Transit Hub Pedestrian Facilities within 2 mi of Elementary Schools Pedestrian Facilities within ¼ mile of Traditionally Underserved Communities	Transit/School connectivity index
	Corridors connected
	Intersections connected
	Transit stops/stations connected
	Freight/Passengers moved
	On-demand use data



PALM BEACH TPA 2050 LRTP GOALS & OBJECTIVES

Goal – Multimodal

Objective M.1: Develop a transportation system that improves regional accessibility and mobility for all users, including the movement of goods.

Strategy: Identify and prioritize projects that increase commuter mode split for walking, bicycling, and transit.

Strategy: Bolster provision of mobility service options in dense activity centers and active corridors.

Strategy: Enhance connectivity between activity centers with transit.

Objective M.2: Accommodate low-stress travel by sustainable modes.

Strategy: Provide separated facilities, with attention to supportive areas for travel by sustainable modes

Objective M.3: Enhance multimodal options in urban centers with persistent congestion

Strategy: Implement complete and comfortable networks of sidewalks and bike lanes.

Strategy: Support last-mile transportation services.

Current Measures to be Continued	Measures for Consideration
Commuter Mode Split: <ul style="list-style-type: none">• Walking• Biking• Transit	Low-stress facilities provided
Annual tonnage of freight for: <ul style="list-style-type: none">• Port of Palm Beach• Palm Beach International Airport	Mobility service area coverage
	Corridors w/ rapid transit



PALM BEACH TPA 2050 LRTP GOALS & OBJECTIVES

Goal – Resilient

Objective R.1: Protect critical infrastructure from future disruptions due to climate impacts.

Strategy: Harden or sustainably replace impacted critical facilities.

Objective R.2: Promote compact, walkable, mixed-use development and redevelopment opportunities that encourage a range of transportation options.

Strategy: Support transit-oriented development in infill or key growth areas.

Strategy: Avoid projects with adverse impacts.

Objective R.3: Ensure equity is factored into programming, planning and design.

Strategy: Identify the needs of low income and minority populations.

Strategy: Ensure that projects in the Plan do not disproportionately burden transportation-disadvantaged populations.

Objective R.4: Reduce the carbon footprint of transportation projects.

Strategy: Leverage federal best practices such as buy local.

Strategy: Incentivize purchasing of alternate fuel vehicles.

Strategy: Deploy electric vehicle charging infrastructure.

Current Measures to be Continued	Measures for Consideration
Bridges in Good Condition	At-threat facilities improved
Bridges in Poor Condition	Corridor EV-charging station
Interstate Pavements in Good Condition	
Interstate Pavements in Poor Condition	
Non-Interstate NHS pavements in Good Condition	
Non-Interstate NHS pavements in Poor Condition	
Palm Tran 60ft Articulated Buses Exceeding Useful Life	
Palm Tran 40ft Buses Exceeding Useful Life	
Palm Tran Cutaway Buses Exceeding Useful Life	
Palm Tran Maintenance Vehicles and Facilities Exceeding Useful Life	
Tri-Rail Rolling Stock Exceeding Useful Life	
Tri-Rail Other Vehicles Less than 2.5 on 5-point scale	
Tri-Rail Rail track restrictions (slow orders)	
Tri-Rail maintenance & Support Vehicles > 8 years old	
Daily fuel use per person	
Daily Vehicle Miles Traveled per Person	
% Electric Vehicles in Rubber-Tire Transit Fleet	
% Federal-Aid Network susceptible to inundation by 1.2' sea level rise and storm surge	
% Federal-Aid Network susceptible to inundation by 1% storm event	



PALM BEACH TPA 2050 LRTP GOALS & OBJECTIVES

Alignment with Federal Criteria and State Plans

Goals and objectives for Vision 2050 were developed based on federal, state, and local guidance including the requirements highlighted within the following sections.

Infrastructure Investment and Jobs Act (IIJA)

Infrastructure Investment and Jobs Act (IIJA) is current Federal transportation legislation. IIJA largely carries forward MPO requirements from the FAST Act. The ten (10) Planning Factors from the FAST Act are listed below.

1. Support the **economic vitality** of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
2. Increase the **safety** of the transportation system for motorized and non-motorized users.
3. Increase the **security** of the transportation system for motorized and non-motorized users.
4. Increase **accessibility and mobility** of people and freight.
5. Protect and enhance the **environment**, promote **energy** conservation, improve **quality of life**, and promote consistency between transportation improvements and state and local growth and economic development patterns.
6. Enhance the **integration and connectivity** of the transportation system, across and between modes, for people and freight.
7. Promote efficient **system management and operation**.
8. Emphasize the **preservation** of the existing transportation **system**.
9. Improve the **resiliency and reliability** of the transportation system and reduce or mitigate stormwater impacts of surface transportation.
10. Enhance **travel and tourism**.

Need to discuss the new recommendations related to the interrelationship between Housing and Transportation.

Consistency between the goals of Vision 2050 and the planning factors from the FAST Act is shown in **Table 1**.



PALM BEACH TPA 2050 LRTP GOALS & OBJECTIVES

Table 1. Vision 2050 LRTP Goals and Federal Planning Factors Comparison

LRTP Goals	FAST Act Planning Factors									
	Economic Vitality	Safety	Security	Accessibility and Mobility	Environment, Energy, and Quality of Life	Integration and Connectivity	System Management and Operations	System Preservation	Resilience and Reliability	Travel and Tourism
Safe		✓	✓							
Efficient	✓						✓		✓	
Connected				✓	✓	✓				✓
Multimodal				✓				✓	✓	✓
Resilient	✓				✓		✓	✓	✓	

Florida Transportation Plan (FTP)

The Florida Transportation Plan (FTP) is the overarching statewide plan guiding Florida's transportation future. The plan was created by, and provides direction to, the Florida Department of Transportation (FDOT) and all organizations that are involved in planning and managing Florida's transportation system, including statewide, regional, and local partners, including the Palm Beach TPA. The FTP Policy Element is Florida's long-range transportation plan as required by both state and federal law and this element points toward a future transportation system that embraces all modes of travel, innovation, and change.

These goals, as outlined in the May 2022 FTP Vision Element, are:

1. Safety and security for residents, visitors, and businesses
2. Agile, resilient, and quality transportation infrastructure
3. Connected, efficient, and reliable mobility for people and freight
4. Transportation choices that improve accessibility and equity
5. Transportation solutions that strengthen Florida's economy
6. Transportation solutions that enhance Florida's communities
7. Transportation solutions that enhance Florida's environment

Regarding related state plans, MPOs must also incorporate any performance targets that may be included in the Statewide Freight Plan and Asset Management Plan. Current guidance from



PALM BEACH TPA 2050 LRTP GOALS & OBJECTIVES

FDOT indicates that no additional performance targets will be included in these plans. A matrix showing consistency between the goals of Vision 2050 and the planning factors from the FTP is shown in **Table 2**.

Table 2. Vision 2050 LRTP Goals and State FTP Goals Comparison

LRTP Goals	Florida Transportation Plan Goals						
	Safety and Security	Infrastructure	Mobility	Transportation Choices	Economy	Communities	Environment
Safe	✓					✓	
Efficient			✓		✓		
Connected			✓	✓		✓	
Multimodal				✓			
Resilient		✓					✓

Federal Guidance

The U.S. Secretary of Transportation established criteria for evaluation of the new performance-based planning processes. This included the identification of specific performance measures that all states and each Metropolitan Planning Organization (MPO), like the Palm Beach TPA, must evaluate. The process required FDOT to develop appropriate performance targets for these measures and to monitor the progress made toward achieving the targets. This also requires MPOs in the State of Florida to either accept and support FDOT's performance targets or establish, formally adopt, and monitor their own performance targets. FDOT is providing performance data for all targets and MPOs have the option for using the data or developing their own. FDOT is also establishing targets in each category and MPOs have the option to select the same target or choose their own.

Overview of Statewide Performance Measures and Targets

Listed below are the performance measures and statewide targets that FDOT has established. FDOT worked in collaboration with the MPOs and providers of public transportation to establish these statewide targets.

Safety. Florida shares the national traffic safety vision "Toward Zero Deaths," and formally adopted its own version of the national vision, "Driving Down Fatalities," in 2012. FDOT and



PALM BEACH TPA 2050 LRTP GOALS & OBJECTIVES

its traffic safety partners are committed to eliminating fatalities and reducing serious injuries with the understanding that the death of any person is unacceptable and based on that, zero is the target for all the safety performance measures.

Pavement Condition. The pavement condition performance measures assess pavement conditions based on the international roughness index (IRI), cracking, rutting (for asphalt pavements), and faulting (for jointed concrete pavements). For asphalt and jointed concrete pavements, a 0.1-mile segment is considered in good condition if all three metrics are rated Good; if two or more metrics are considered poor, the condition is Poor. The federal rule requires a new methodology be used to measure rut depth and cracking that has not been historically used by FDOT. In consideration of the differences in the data collection requirements used by FDOT and those mandated by the rule, as well as other unknowns associated with the new required processes, initial 2- and 4-year targets were established.

Bridge Condition. The bridge condition performance measures for the percent of deck area classified as Good and Poor is determined using National Bridge Inventory (NBI) condition ratings for deck, superstructure, substructure, and culvert. Condition is determined by the lowest rating of these items using a scale of 1 to 9. If the NBI rating is 1 to 4, the bridge is classified as Poor; NBI rating 7 to 9, the bridge is Good. Bridges rated below 7 but above 4 are classified Fair; however, there is no related Federal Highway Administration (FHWA) performance measure associated with that rating. Considering the differences in criteria, initial 2- and 4-year targets were established.

System Performance. The travel time reliability metric is calculated for each segment of the National Highway System (NHS), weighted by volume and occupancy. Data is collected in 15-minute segments during four total time periods and is reported as the "percent of reliable person-miles traveled." The segment is considered reliable if the reliability ratio is below 1.50 during all time periods. Freight movement is assessed by calculating truck travel time reliability ratio using data from five total time periods. The higher the ratio value, the less reliable the segment.

Palm Beach TPA Performance Measures

The Palm Beach TPA recognizes the importance of linking goals, objectives, and investment priorities to stated performance objectives, and that establishing this link is critical to the achievement of national transportation goals and statewide and regional performance targets. As such, the LRTP directly reflects the goals, objectives, performance measures, and targets as they are described in other public transportation plans and processes.

Palm Beach TPA Performance Targets

FDOT is required to establish statewide targets for the required performance measures and TPAs/MPOs have the option to support the statewide targets or adopt their own. Based on this information the TPA has adopted the following transportation performance measure targets. Local Transit Agencies must also adopt performance targets in their Transit Asset



PALM BEACH TPA 2050 LRTP GOALS & OBJECTIVES

Management (TAM) Plan and the TPA must consider including the TAM targets in the LRTP and TIP updates.

Table 3. Statewide Highway Safety (PM1) Performance Targets

Performance Measures	Calendar Year 2023 Florida Performance Target
Number of fatalities	0
Rate of fatalities per 100 million VMT	0
Number of serious injuries	0
Rate of serious injuries per 100 million VMT	0
Number of non-motorized fatalities and non-motorized serious injuries	0

Table 4. Pavement and Bridge Condition (PM2) Performance Targets

Performance Measures	Calendar Year 2023 Florida Performance Target
% of NHS Bridges in good condition (by deck area)	50%
% of NHS Bridges in poor condition (by deck area)	10%
% of Pavement on the interstate system in good condition	60%
% of pavement on the interstate system in poor condition	5%
% of pavement on non-interstate NHS in good condition	40%
% of pavement on non-interstate NHS in poor condition	5%

Table 5. System Performance and Freight (PM3) Performance Targets

Performance Measures	Calendar Year 2023 Florida Performance Target
Person-miles on the interstate highway system that are reliable	75%
Person-miles on the non-interstate national highway system that are reliable	50%
Truck travel time reliability index on the interstate highway system	1.75



Summary Points of the May 18, 2023 Governing Board Meeting

PDF versions of the agenda, backup material and presentations as well as audio and video recordings are available for review at PalmBeachTPA.org/Board

Approved Minutes – The Board approved its minutes for April 20, 2023.

Approved Technical Advisory Committee (TAC) Appointment – The Board approved appointment of Jessica Keller as the City of West Palm Beach Representative.

Approved Vision Zero Advisory Committee (VZAC) Appointments – The Board approved appointment of Jermaine Swaby as the City of West Palm Beach Representative, Yajaira Moleiro as the City of Boca Raton Alternate, and Chris Melendez Berrios as the Village of Palm Springs VZAC Alternate.

Approved Transportation Disadvantaged Local Coordinating Board (TDLCB) Appointments – The Board approved appointment of James Green as the Palm Beach County Community Action Representative and Stessy Cocerez as the Palm Beach County Community Action Alternate.

Adopted TPA Resolution 2023-08 – The Board approved a two-year extension to the existing Treasure Coast Regional Planning Council Interlocal Agreement for General Planning Consultant Services to June 30, 2025, with a maximum amount of \$150,000 per year.

Adopted TPA Resolution 2023-09 – The Board approved a one-year extension to the existing Kittelson & Associates Contract for General Planning Consultant Services to June 30, 2024, with a maximum amount of \$300,000 per year.

Adopted TPA Resolution 2023-10 – The Board approved a one-year extension to the existing Kimley Horn & Associates Contract for General Planning Consultant Services to June 30, 2024, with a maximum amount of \$300,000 per year.

Adopted TPA Resolution 2023-11 – The Board approved revisions to the 2023 Limited English Proficiency (LEP) Plan Spanish text for providing meeting notice to LEP persons.

Draft Fiscal Year (FY) 2024 – 2028 Transportation Improvement Program (TIP) – TPA staff provided a first review of the FY 2024 – 2028 Draft TIP. Final adoption will occur on June 15, 2023.

Port St. Lucie Express Survey Results – Palm Tran provided an overview of the survey results for the proposed pilot express service from Port St. Lucie to Downtown West Palm Beach.

Project Scheduling Report – June 2023

Phases occurring within the next 90 days

Palm Beach TPA & FDOT District 4

The purpose of this report is to ensure stakeholders are aware of upcoming activities for each project to allow for increased input. The TPA has consolidated the FDOT report to focus on TPA priorities and scheduling activities that are occurring within the next 90 days. The full list of scheduling activities is described below.

Scheduled Activity	Description
Multimodal Scoping Checklist (MMSC)	FDOT's Office of Modal Development (OMD) notifies impacted agencies to enter comments about the project scope. The local agency can confirm or discuss context class, minor comments about multimodal features.
Resolution from Agency (for Off-System Projects Only)	If an off-system project is administered by FDOT, the local agency's governing board must pass a resolution endorsing FDOT's delivery of the project.
Review of Scope with Agency	Meet with local agency to review and confirm scope prior to FDOT advertising for consultant acquisition.
Execution Date (Design)	FDOT Design starts.
Project Kickoff Meeting	FDOT Design Team coordinates with local agency. Contact the FDOT project manager for date/time/location of the meeting.
Initial Field Review	Field Review meeting. Typically occurs at the project site.
Initial Engineering	30% plans to reviewers. Stakeholders provide review and feedback on the approved Typical Section.
Public Information Workshop	Tentative date to conduct a public information workshop. Date may differ than final workshop date.
Constructability Plans	60% plans to reviewers. At this time most of the Design is complete, no scope discussion, review focuses on items to be constructed, their construction impacts, and materials to be used.
Plans Specification and Estimates (PSE) Meeting	FDOT PM arranges field review with all reviewers to evaluate the final engineering plans with respect to actual field conditions.
Biddability Plans to Reviewers	90% plans. At this time, Design is complete. Verifying quantities and pay items.
Production	100% plans. Plans are complete.
Local Agency Program (LAP) Commitment	Agency and FDOT commits the project funds and budget to the Legislature and the Governor's office.
Letting	Bids are opened and the apparent low bid contract is determined. Construction typically begins 4 to 6 months after letting.
Construction Notice to Proceed (NTP)	Construction starts. Construction dates for FDOT administered projects can be found through the FDOT Operations Center.

For more information on a project, please contact the FDOT District 4 office at 954.486.1400 and ask to be transferred to the FDOT Project Manager for the specific project. For the FDOT copy of the report with the full project schedule, contact Claudette de los Santos at Claudette.DeLosSantos@dot.state.fl.us or 954.777.4208

Please note, the dates shown in this report are a snapshot and dates can change frequently. Updated reports are requested monthly from FDOT.

FM #	Location	Type of Work	Lead Agency	Phase Milestone	Date
SIS Capacity					
4378681	SOUTHERN BLVD/SR-80 AT SR-7/US-441	ADD TURN LANE(S)	FDOT	Public Information Workshop	6/21/2023
4127331	I-95 AT 10TH AVE N	INTERCHANGE - ADD LANES	FDOT	Initial Engineering	6/30/2023
4192511	BEELINE HWY/SR-710 FROM NORTHLAKE BLVD TO BLUE HERON BLVD/SR-708	ADD LANES & RECONSTRUCT	FDOT	Construction Notice to Proceed (NTP)	7/10/2023
4397581	I-95 AT INDIANTOWN RD NORTHBOUND OFF RAMP	INTERCHANGE IMPROVEMENT	FDOT	Construction Notice to Proceed (NTP)	7/18/2023
4475471	I-95 AT FOREST HILL BLVD/SR-882	SAFETY PROJECT	FDOT	Initial Engineering	7/24/2023
4353842	I-95 AT LINTON BLVD	INTERCHANGE JUSTIFICA/MODIFICA	FDOT	Initial Engineering	7/25/2023
State Road Modifications					
2296584	ATLANTIC AVE/SR-806 FROM WEST OF SR-7/US-441 TO EAST OF LYONS RD	ADD LANES & RECONSTRUCT	FDOT	Biddability	6/8/2023
4383862	US-1 FROM 59TH ST TO NORTHLAKE BLVD	BIKE LANE/SIDEWALK	FDOT	Public Information Workshop	6/22/2023
4383862	US-1 FROM 59TH ST TO NORTHLAKE BLVD	BIKE LANE/SIDEWALK	FDOT	PSE Meeting	6/29/2023
4440791	BOYNTON BEACH FROM I-95 TO US-1 AND NEARBY STREETS	BIKE LANE/SIDEWALK	FDOT	Production	7/3/2023
4400461	LAKE WORTH RD/SR-802 ROUNDABOUT PEDESTRIAN IMPROVEMENTS	PEDESTRIAN SAFETY IMPROVEMENT	FDOT	Construction Notice to Proceed (NTP)	7/25/2023
4383862	US-1 FROM 59TH ST TO NORTHLAKE BLVD	BIKE LANE/SIDEWALK	FDOT	Biddability	8/10/2023
4405755	ATLANTIC AVE/SR-806 FROM CUMBERLAND DR TO JOG RD	ADD LANES & RECONSTRUCT	FDOT	Resolution from Agency	8/17/2023
4405754	ATLANTIC AVE/SR-806 FROM FLORIDA'S TURNPIKE TO CUMBERLAND DR	ADD LANES & RECONSTRUCT	FDOT	Resolution from Agency	8/17/2023
Local Initiatives Program					
4415321	BARWICK RD FROM WEST ATLANTIC AVE TO LAKE IDA RD	BIKE LANE/SIDEWALK	DELRAY BEACH	LAP Commitment	6/2/2023
4415701	36TH STREET FROM N AUSTRALIAN AVE TO NORTH FLAGLER DR	BIKE LANE/SIDEWALK	FDOT	Public Information Workshop	6/12/2023
4415701	36TH STREET FROM N AUSTRALIAN AVE TO NORTH FLAGLER DR	BIKE LANE/SIDEWALK	FDOT	Biddability	7/6/2023
Transportation Alternatives Program					
4483031	CHERRY RD FROM MILITARY TRAIL TO QUAIL DR	BIKE LANE/SIDEWALK	PALM BEACH COUNTY	Production	7/3/2023
4400151	WEST PALM BEACH - NORTH SHORE PEDESTRIAN BRIDGE	PEDESTRIAN/WILDLIFE OVERPASS	FDOT	Production	8/7/2023
Other FDOT & Local Projects					
4465511	BEELINE HWY/SR-710 FROM MARTIN COUNTY LINE TO OLD DIXIE HWY	ARTERIAL TRAFFIC MGMT SYSTEMS	FDOT	PSE Meeting	5/30/2023
4470011	INTERSECTION LIGHTING RETROFIT IMPROVEMENT	LIGHTING	FDOT	PSE Meeting	5/30/2023
4331093	I-95 FROM BROWARD COUNTY LINE TO LINTON BLVD - EXPRESS LANES	LANDSCAPING	FDOT	Letting	6/2/2023
4470011	INTERSECTION LIGHTING RETROFIT IMPROVEMENT	LIGHTING	FDOT	Biddability	6/8/2023
4465511	BEELINE HWY/SR-710 FROM MARTIN COUNTY LINE TO OLD DIXIE HWY	ARTERIAL TRAFFIC MGMT SYSTEMS	FDOT	Biddability	6/8/2023
4456281	INTERSECTION LIGHTING IMPROVEMENTS- PALM BEACH COUNTY	LIGHTING	FDOT	Biddability	6/8/2023
4443401	I-95 AT 6TH AVE S	LANDSCAPING	FDOT	Constructability Plans	6/9/2023

FM #	Location	Type of Work	Lead Agency	Phase Milestone	Date
4443441	I-95 FROM SOUTH OF SPANISH RIVER BLVD TO NORTH OF YAMATO RD	LANDSCAPING	FDOT	PSE Meeting	7/25/2023
4502131	I-95 AT ATLANTIC AVE/SR-806	LANDSCAPING	FDOT	PSE Meeting	7/25/2023
4438431	LAKE WORTH RD/SR-802 AT HAVERHILL RD	INTERSECTION IMPROVEMENT	FDOT	Letting	7/26/2023
4495201	ADVANCED WRONG WAY DETECTION SYSTEM PALM BEACH COUNTY	ITS COMMUNICATION SYSTEM	FDOT	Production	8/7/2023
4492551	I-95 AT DONALD ROSS RD	LANDSCAPING	FDOT	Constructability Plans	8/9/2023
4484391	BEELINE HWY/SR-710 FROM W OF PARK COMMERCE BLVD TO E OF AVIATION BLVD	RESURFACING	FDOT	Resolution from Agency	8/10/2023
4492831	ATLANTIC AVE/SR-806 AT HOMEWOOD BLVD,SR-704 AT HAVERHILL RD	TRAFFIC SIGNAL UPDATE	FDOT	Initial Engineering	8/15/2023
4331093	I-95 FROM BROWARD COUNTY LINE TO LINTON BLVD - EXPRESS LANES	LANDSCAPING	FDOT	Construction Notice to Proceed (NTP)	8/15/2023
4443441	I-95 FROM SOUTH OF SPANISH RIVER BLVD TO NORTH OF YAMATO RD	LANDSCAPING	FDOT	Biddability	8/17/2023
4502131	I-95 AT ATLANTIC AVE/SR-806	LANDSCAPING	FDOT	Biddability	8/17/2023
Major Maintenance					
4461741	PGA BLVD/SR-786 FROM EAST OF I-95 TO E OF FAIRCHILD GARDENS AVE	RESURFACING	FDOT	Production	6/5/2023
4461761	SR-A1A FROM S OF JOHN D MACARTHUR ENTRANCE TO PORTAGE LANDING NORTH	RESURFACING	FDOT	Biddability	6/8/2023
4414661	SPANISH RIVER BLVD/SR-800 OVER ICWW	BRIDGE-REPAIR/REHABILITATION	FDOT	Letting	6/14/2023
4476651	BOYNTON BEACH BLVD/SR-804 FROM SR-7/US-441 TO LYONS RD	RESURFACING	FDOT	Constructability Plans	6/14/2023
4476701	SR-7/US-441 FROM GLADES RD TO NORTH OF BRIDGE BROOK DR	RESURFACING	FDOT	Initial Engineering	6/15/2023
4484171	SR-A1A/OCEAN BLVD FROM NORTH OF IBIS WAY TO S OF SR-80/SOUTHERN BLVD	RESURFACING	FDOT	Initial Field Review	6/15/2023
4476581	US-1 FROM BAILEY ST TO HARBOURSIDE DR	RESURFACING	FDOT	Constructability Plans	6/22/2023
4398451	SR-715 FROM SR-80 TO W OF CANAL ST SOUTH	RESURFACING	FDOT	Construction Notice to Proceed (NTP)	6/26/2023
4461001	SR-80 FROM SR-25/US-27 TO EAST OF GLADES GLEN DR	RESURFACING	FDOT	Construction Notice to Proceed (NTP)	6/26/2023
4461041	LAKE AVE/LUCERNE AVE FROM EAST OF A ST TO EAST OF GOLFVIEW RD	RESURFACING	FDOT	Letting	7/7/2023
4484371	BOYNTON BEACH BLVD/SR-804 FROM ORCHID GROVE TRL TO WEST OF PALM ISLES DR	RESURFACING	FDOT	Initial Field Review	7/21/2023
4484151	US-1/SR-5 FROM BELVEDERE RD TO SR-704/LAKEVIEW AVE	RESURFACING	FDOT	Initial Field Review	7/21/2023
4476601	SR-5/FEDERAL HWY FROM 6TH AVE N TO ARLINGTON RD	RESURFACING	FDOT	Constructability Plans	7/28/2023
4476671	BOYNTON BEACH BLVD/SR-804 FROM N CONGRESS AVE TO NW 8TH ST	RESURFACING	FDOT	Constructability Plans	7/28/2023
4476691	E OCEAN AVE/SR-804 FROM US-1/SR-5 TO A1A	RESURFACING	FDOT	Constructability Plans	7/28/2023
4463731	SR-882/FOREST HILL BLVD FR E OF LAKE CLARKE DRIVE TO US-1/DIXIE HWY	RESURFACING	FDOT	Agency Scope Review	8/2/2023
4476611	SR A1A FROM SE 31ST TO SOUTH OF GRAND CT	RESURFACING	FDOT	Public Information Workshop	8/4/2023
4498351	US-27/SR-25 FROM MP 12.7 TO MP 16	RESURFACING	FDOT	Execution Date (Design)	8/4/2023

FDOT Scheduling Report - Milestones within the next 90 days

Report as of 5/26/2023

FM #	Location	Type of Work	Lead Agency	Phase Milestone	Date
4476571	YAMATO RD/SR-794 FROM WEST OF I-95 TO US-1/FEDERAL HWY	RESURFACING	FDOT	Public Information Workshop	8/4/2023
4444771	SR-A1A FROM SOUTH OF GRAND BAY CT TO SOUTH OF LINTON BLVD	RESURFACING	FDOT	Production	8/7/2023
4461731	SR-5/FEDERAL HWY FROM SOUTH OF 10TH AVE S TO 6TH AVE N	RESURFACING	FDOT	Production	8/7/2023
4414661	SPANISH RIVER BLVD/SR-800 OVER ICWW	BRIDGE-REPAIR/REHABILITATION	FDOT	Construction Notice to Proceed (NTP)	8/10/2023
4476611	SR A1A FROM SE 31ST TO SOUTH OF GRAND CT	RESURFACING	FDOT	PSE Meeting	8/11/2023



#	Action	Outcome	Status	Notes
Policy Action				
1.1	Produce a Vision Zero annual report and proactively seek feedback and research latest Vision Zero best practices.	Annual Report in June		Publishing in June 2023. Staff is a member of Florida's Pedestrian and Bicycle Safety Coalition that meets regularly to discuss statewide best practices.
1.2	Include safety changes in TPA legislation and policy positions.	Federal and State Law Changes		The TPA participates in the creation of the policy positions of the Florida Metropolitan Planning Organizations Advisory Council (MPOAC).
1.3	Identify target speeds for high crash corridors based on context classification and safety.	Map of High Crash Corridors with Identified Target Speed		Began scope of work for project, will continue into FY 24.
1.4	Collaborate with State partners to create a consistent process for displaying the safety analysis included in TIP projects.	Safety Analysis Checklist		TPA staff requests FDOT and consultants to include safety analysis in project design presentations to TPA Board and committees. TPA staff is researching the FDOT safety analysis requirements for all PDE and PE and plans on working on a checklist in the future and/or best examples of safety analysis in presentations.
1.5	Work with the School District of Palm Beach County to require safe walking, biking, and driving curriculums in elementary, middle, and high schools.	New Regulations		Discussions held with school district on curriculum. TPA staff will continue to provide materials and messaging to teachers at the beginning of each school year to encourage implementation of walk and bicycle safety curriculum into the lesson plans. Requiring school district implementation of safety curriculums is a long-term action that will need to be led and approved by the school district.
Funding Action				
2.1	Work with signal maintaining agencies to make signalized intersection crossings more pedestrian friendly.	5 Intersections Modified Per Year		TPA staff worked with the following partners to update their pedestrian and traffic signals: <ul style="list-style-type: none"> Palm Beach County applied for a LI and SRM grant to fund county-wide signal upgrades at 13 different locations, in addition to adding flashing yellow arrows for left turns and where applicable, right turns in 42 traffic signals in 2023. The City of Boca Raton applied for a TA grant to fund pedestrian and bicycle signal improvements at the NW 6th Way/Spanish River



2022 - 2023 VISION ZERO STATUS REPORT CARD

Policy, Funding, and Cultural Related Actions

				<p>Bld intersection, in addition to a LI grant for pedestrian and traffic signal improvements at various locations in 2023.</p> <ul style="list-style-type: none"> Staff also conducted a Walk Bike Safety Audit at Lake Worth Middle School on January 11, 2023 and is working with FDOT and the county for signal improvements.
2.2	Evaluate safety aspects of TPA-funded projects one to five years after construction completion.	Before/After Studies		Staff has created a template and is evaluating recently completed TPA funded projects. An interactive dashboard is in development for the status of TPA projects that will also consider the inclusion of safety summaries.
Culture Action				
3.1	Provide reviews of fatal pedestrian and bicycle crash reports, including observations and potential actions.	Quarterly Fatal Crash Reports		Q1-Q3 Reports have been published. Q4/Annual Report expected June 2023.
3.2	Collaborate with roadway owners to maintain a detailed data inventory for federal-aid eligible roadways that includes typical section attributes to provide more effective analysis of complete streets opportunities.	Established Data Inventory Structure by June 2022		Staff is researching best practice and a switch to the All Roads Network of Linear Referenced Data (ARNOLD) and integrating additional needs into the network, including pedestrian and bicycle facilities. Staff may consider consultant support for FY 24.
3.3	Implement a Vision Zero media and public education campaign.	Vision Zero Outreach Toolkit by June 2022		Media toolkit published on the website. Staff will create a calendar of events and place more crash information resources on the website to aid media, partners, and the public.
3.4	Host an annual Vision Zero workshop for local communities and agencies.	Workshop Held		Vision Zero Action Plan Workshop held on 4/28/2023 with 55 participants.
3.5	Host Vision Zero safety events and/or participate in other local events to encourage safety, emphasizing traditionally underserved communities.	Participation in One Safety Event Per Year		<p>Staff held and participated in the following events:</p> <ul style="list-style-type: none"> Hosted Safe Bicycling Webinar March 7, 2023 Hosted Helmet Fitting Training March 2, 2023 Participated in FDOT's Mobility Week October 21-28, 2022 Participated in Elementary and Secondary Physical Education School Training event in August 5 and 8, 2022 to spread awareness on pedestrian and bicycle safety. Participated in the Wellington Safety Fair on October 8, 2022 to spread awareness on Vision Zero and encourage safety for all users.

PEDESTRIAN & BICYCLE QUARTERLY CRASH REPORT



QUARTER

4

2022

Quarter 4 (Q4) Crash Analysis

The Palm Beach Transportation Planning Agency (TPA) has adopted Vision Zero – a goal to eliminate all traffic-related fatalities and serious injuries (also referred to as “Incapacitating Injuries”) in Palm Beach County. One emphasis area of the Vision Zero Action Plan places emphasis on some of the most vulnerable and disproportionately impacted roadway users: pedestrians and bicyclists.

The TPA’s Vision Zero Action Plan (VZAP) Culture Action 3.1 requires the agency to create a quarterly summary of crashes involving a pedestrian or bicyclist to provide understandable information to the public and stakeholders. This policy requires the TPA to provide observations and actions related to fatal crashes within the planning area. Serious injury crashes have been included starting in the second quarter of 2022.

An annual report is published in June of every year providing an overview of the progress towards the goal of zero fatalities and serious injuries on our roadways by 2030. The annual report includes information related to crash trends, research and feedback for future analysis by stakeholders and partners.

Crash Trends to Watch

- October 1 to December 31 (Q4, 2022) had a total of 59 serious injury or fatality related crashes involving people walking or people bicycling, an increase of 11 crashes from Q3.
- Roads with a posted speed limit of 45mph or above had the highest crash rates
- Crashes involving people biking primarily occurred on arterial roads, continuing a trend of this crash type on this functional classification system.
- A large proportion of crashes involving pedestrians occurred mid-block (78%).
- Distracted driving continues to be a leading characteristic for drivers and there was a notable number of ageing drivers involved in crashes.
- 51% of the mapped crashes were on the Palm Beach TPA’s High Injury Network (HIN).
- A strong concentration of crashes were located in the medium to very high on the high area of the Traditionally Underserved Index in Central Palm Beach County.

Report Alignment

A. Florida Department of Transportation (FDOT) Strategic Highway Safety Plan (SHSP)

The SHSP is a statewide safety plan developed by FDOT and its safety partners as a framework for eliminating fatalities and serious injuries on all public roads. This framework is the guide for how Florida’s traffic safety partners will move toward the vision of a fatality-free transportation system during the next five years. To achieve this vision, this SHSP affirms the target of zero traffic fatalities and serious injuries.

B. FDOT Pedestrian and Bicycle Safety Plan



This Pedestrian and Bicycle Strategic Safety Plan (PBSSP) advances this safety vision by supporting the safety of people walking and biking and aligning with the principles set forth by the Pedestrian and Bicyclist Emphasis Area of the Strategic Highway Safety Plan (SHSP). The PBSSP is charged with implementing this plan and consists of federal, state and local safety partners, stakeholders, and safety advocates.

C. Palm Beach County Local Road Safety Plan and Municipal Safety Plans

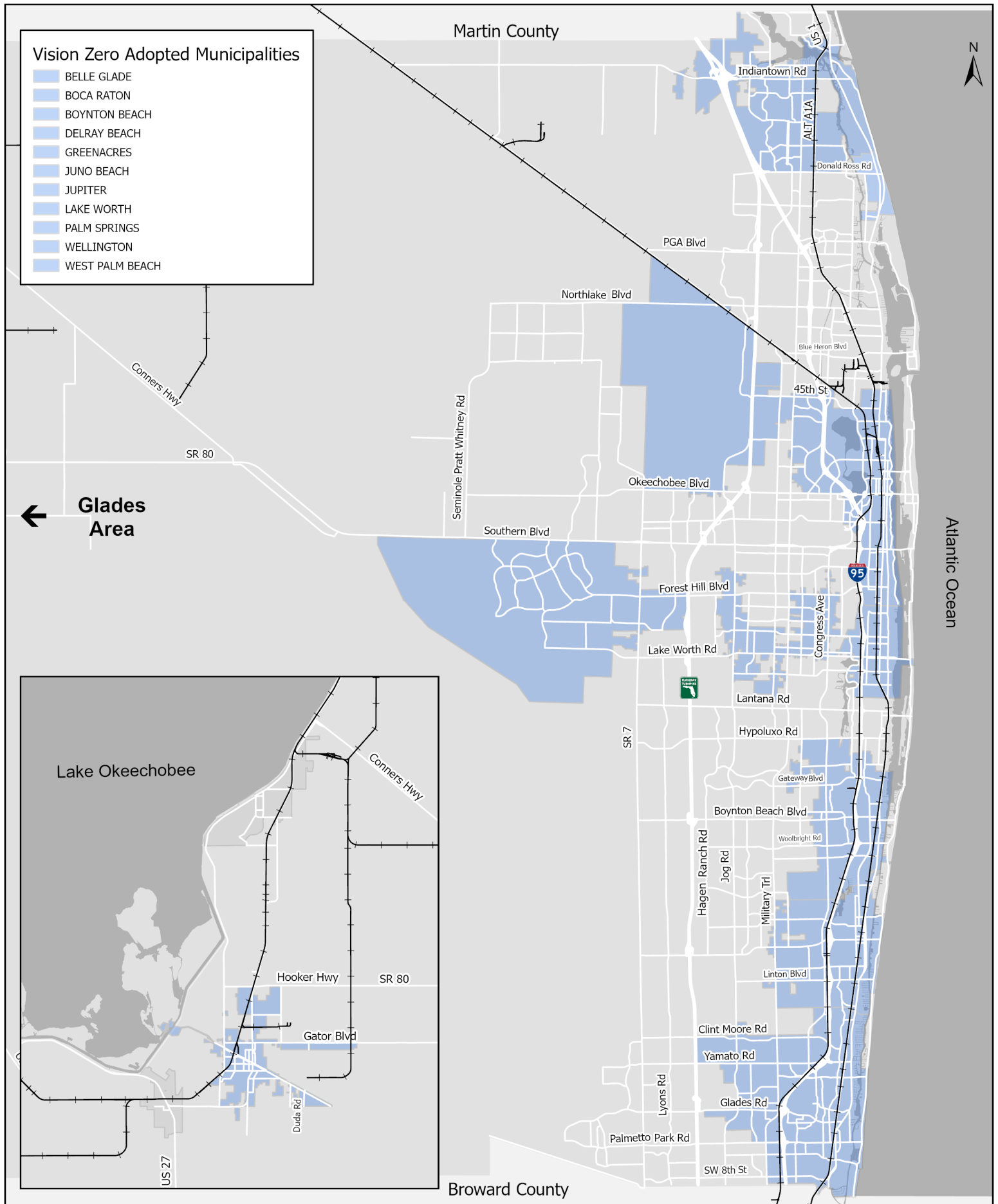
The Palm Beach County Local Road Safety Plan (LRSP) is a comprehensive plan that provides a framework for reducing the number of fatalities and serious injuries associated with crashes that occur on Palm Beach County's (hereafter, "the County's") roadway system. The information in this LRSP draws on best practices in safety planning from documents prepared by the Federal Highway Administration (FHWA), the American Association of State Highway and Transportation Officials, the National Cooperative Highway Research Program, the National Highway Traffic Safety Administration, as well as state and local safety partners. The LRSP supports statewide goals and priorities established in the Florida Strategic Highway Safety Plan (SHSP), including Florida's vision of "A Fatality Free Roadway System".

D. Local Governments

To date, 11 Municipalities have adopted a Vision Zero Goal, including a target date to eliminate traffic fatalities and serious injuries. The map below indicates the agencies with an adopted Vision Zero Goal in Palm Beach County.



Palm Beach County - Vision Zero Adopted Municipalities



Summary Table of Q4 Crashes

The table below displays a summary of crashes that involved serious injuries or fatalities and occurred in Quarter 4 from October 1st to December 31st, 2022. More than half of the total crashes took place in the incorporated areas of the county, with a total of 38 crashes, whereas the unincorporated areas had a total of 21 crashes. There was a slight decrease in fatal crashes accounting for 32% of the total crashes from the previous quarter at 36%.

Crash Report #	Jurisdiction	Crash Severity	Crash Report #	Jurisdiction	Crash Severity
Pedestrian			25533067	Unincorporated	Serious Injury
24849705	Delray Beach	Serious Injury	25533260	Belle Glade	Serious Injury
24849987	Delray Beach	Serious Injury	25592228	Palm Springs	Fatality
25092243	North Palm Beach	Serious Injury	Total Mapped/Unmapped		37/0
25143579	Boca Raton	Fatality	Bicyclist		
25143982	Boca Raton	Serious Injury	25143753	Boca Raton	Serious Injury
25144259	Boca Raton	Serious Injury	25143870	Boca Raton	Serious Injury
25181937	Boynton Beach	Fatality	25444623	West Palm Beach	Serious Injury
25181955	Boynton Beach	Fatality	25444633	West Palm Beach	Serious Injury
25182061	Boynton Beach	Serious Injury	25444723	West Palm Beach	Fatality
25444067	West Palm Beach	Fatality	25456754	Jupiter	Serious Injury
25494747	Delray Beach	Serious Injury	25494417	Delray Beach	Serious Injury
25494852	Delray Beach	Serious Injury	25494583	Delray Beach	Serious Injury
25527641	Royal Palm Beach	Serious Injury	25527988	Unincorporated	Fatality
25527882	Unincorporated	Serious Injury	25528265	Unincorporated	Serious Injury
25528279	Unincorporated	Serious Injury	25528840	Unincorporated	Serious Injury
25528402	Unincorporated	Serious Injury	25530772	Unincorporated	Fatality
25528420	Unincorporated	Fatality	25532378	South Bay	Fatality
25528537	Unincorporated	Fatality	25532648	Lake Worth	Serious Injury
25528560	Unincorporated	Serious Injury	25532797	West Palm Beach	Serious Injury
25528641	Unincorporated	Serious Injury	25592258	Palm Springs	Serious Injury
25528909	Unincorporated	Serious Injury	Total Mapped/Unmapped		16/0
25529029	Unincorporated	Fatality	*Crash data retrieved 2/28/2023		
25529843	Unincorporated	Fatality			
25530036	Unincorporated	Serious Injury			
25530199	Royal Palm Beach	Serious Injury			
25530277	Lake Worth	Serious Injury			
25530447	Loxahatchee Groves	Serious Injury			
25530631	Unincorporated	Serious Injury			
25530702	Unincorporated	Serious Injury			
25530958	Unincorporated	Serious Injury			
25532295	West Palm Beach	Fatality			
25532544	Unincorporated	Serious Injury			
25532782	Unincorporated	Fatality			
25532834	Lake Worth	Serious Injury			



Crash Trends Deep Dive

This deep dive aligns the FDOT's Florida Strategic Highway Safety Plan (SHSP) Emphasis Areas for crashes and the TPA's High Injury Network (HIN) considerations, and other trending topics to summarize the conditions in table. This information is useful when looking at long term crash trends to better determine when crash modification factors may necessitate changes to roadways.

The consecutive pages provide an analysis of Q4's crash conditions with the following three maps:

- **Pedestrian and Bicycle Crashes:** An overall analysis of the pedestrian and bicycle crashes occurred during the fourth quarter, broken down by crash severity.
- **Crashes on the High Injury Network within Palm Beach County:** An overlay of the crashes on the HIN within PBC. The corridors on the HIN were selected based on the roads with the most fatal and serious injuries, as identified on the TPA's 2021 Vision Zero Action Plan. The TPA's HIN has 20 identified intersections and approximately 50 corridors.
- **Crashes on the Traditionally Underserved Index:** An overlay of the crashes on the Traditionally Underserved Index. To maintain consistency with the TPA's 2021 Vision Zero Action Plan, an equity component was analyzed by prioritizing our traditionally underserved communities on areas where residents likely lack transportation access due to demographic conditions, low income, or a historical lack of services.

Moreover, FDOT conducted a review of Florida's traffic safety resources and analysis of crash data to identify the preeminent crash factors by emphasis area. The five emphasis areas identified on FDOT's SHSP are the following: Roadways, Road Users, User Behavior, Traffic Records and Information Systems, and Evolving emphasis areas. This report only includes the top three emphasis areas organized as such: Roadway, Human Behavior, and Socioeconomic Conditions. The TPA's determination for this selection was based on crash frequency and data availability.

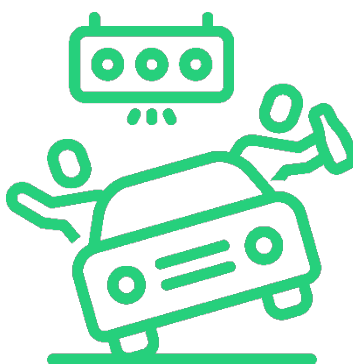
ROADWAY

CONDITIONS



HUMAN

BEHAVIOR

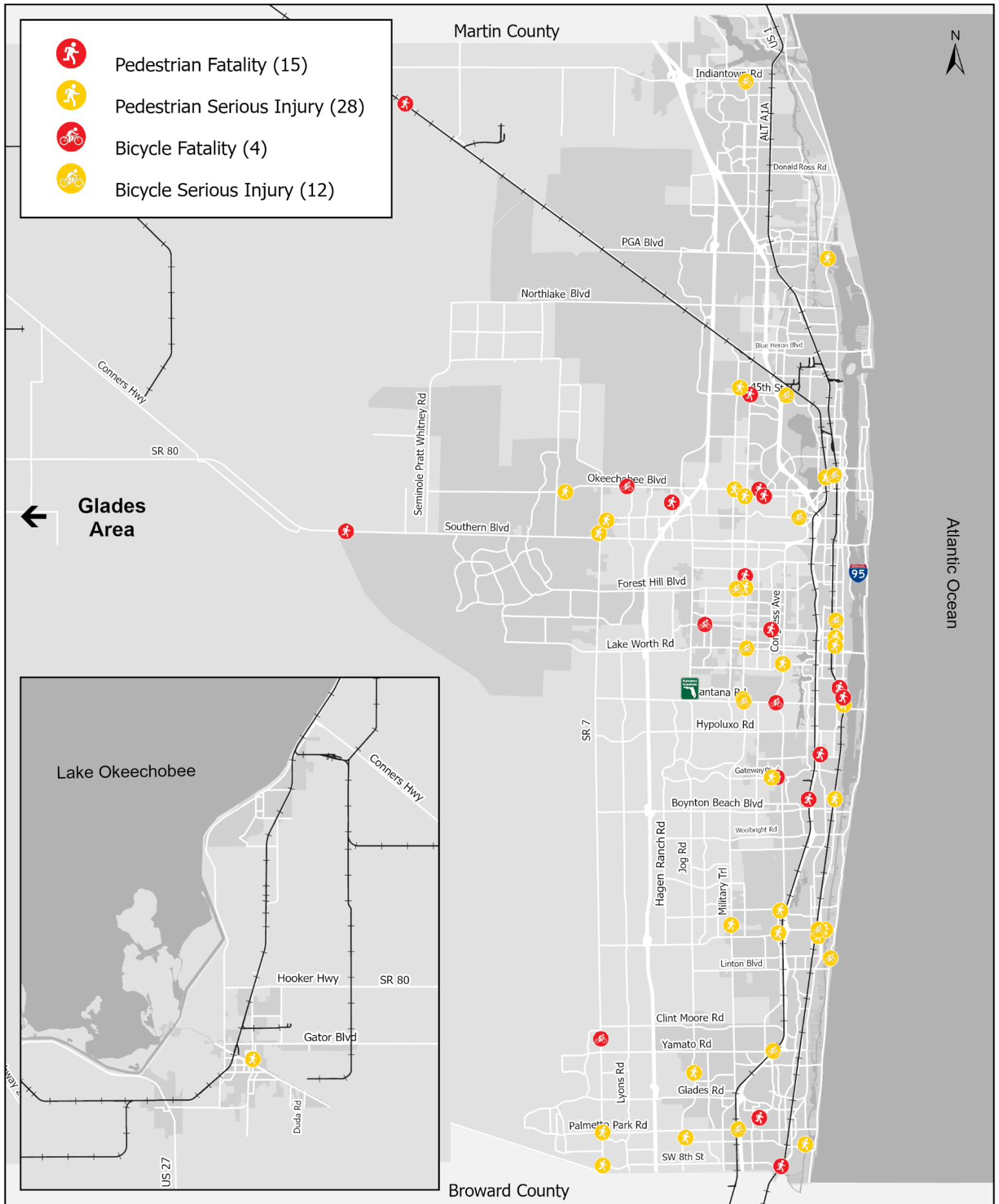


SOCIOECONOMIC

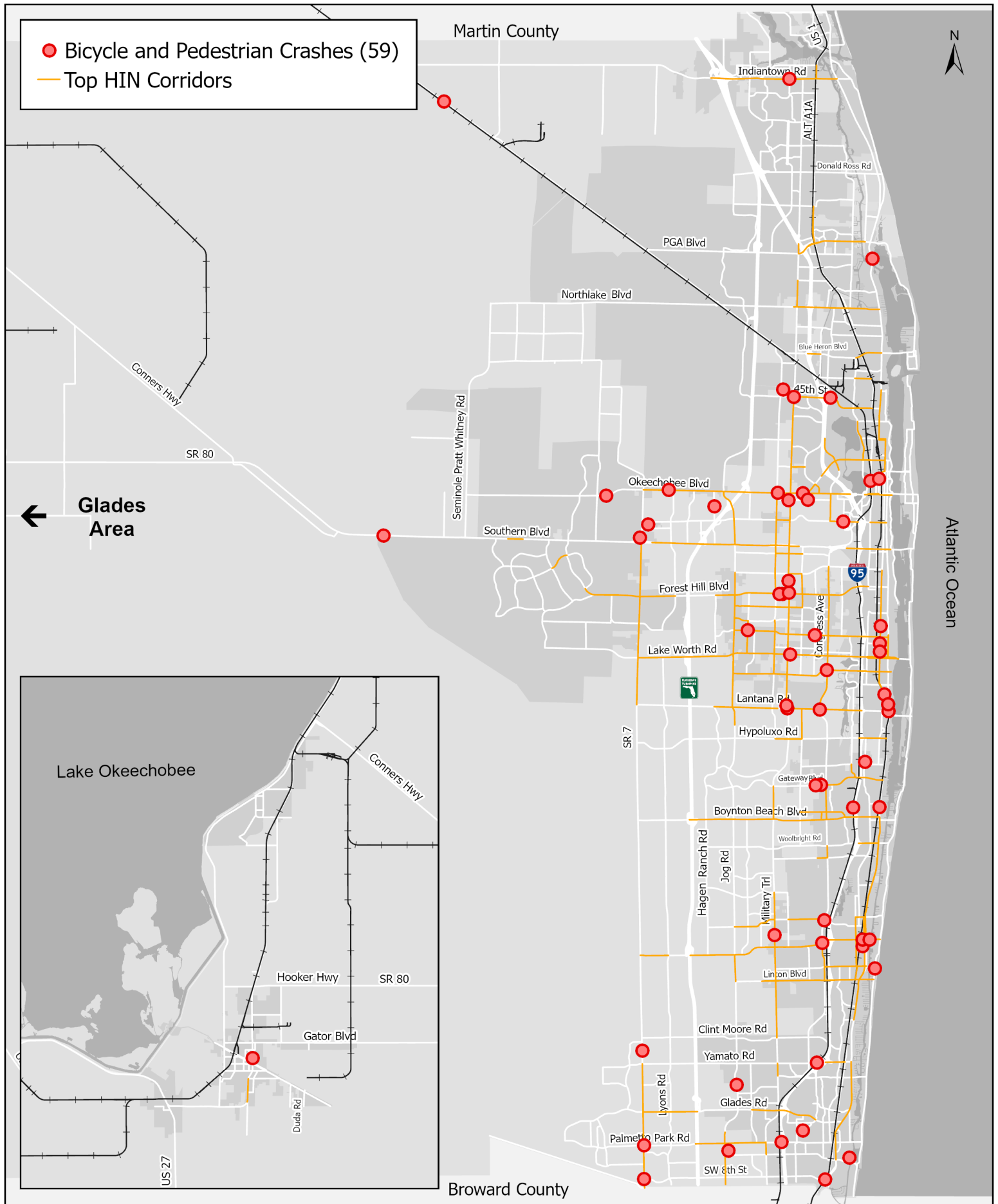
CONDITIONS



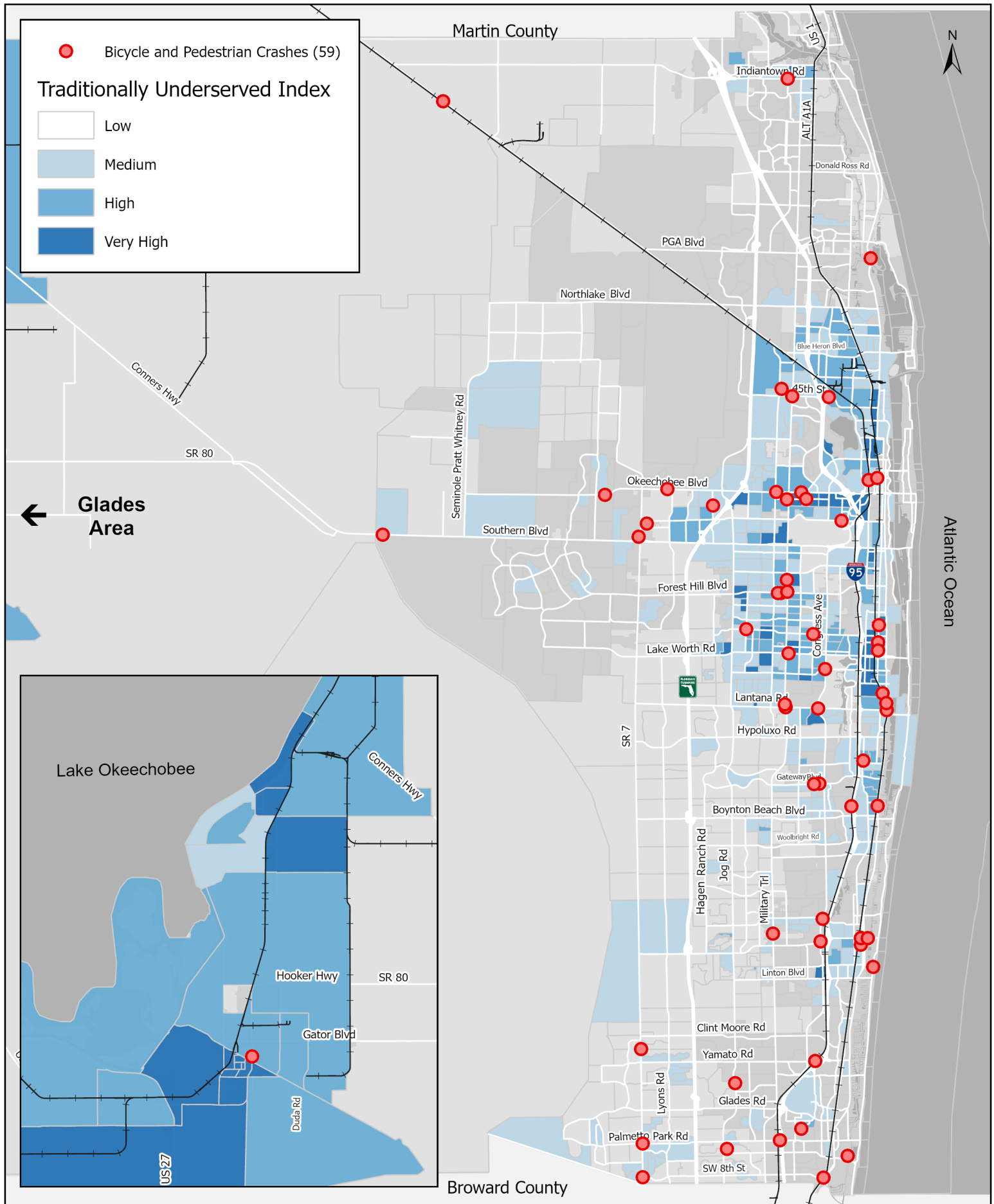
Ped/Bike Crashes - October 1 to December 31, 2022



Crashes on the High Injury Network within Palm Beach County



Crashes on the Traditionally Underserved Index



Roadway, Human Behavior, and Socioeconomic Conditions Analysis

	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
	Pedestrian	Bicyclist	Pedestrian	Bicyclist	Pedestrian	Bicyclist	Pedestrian	Bicyclist
Total Crashes	48	14	29	10	38	14	43	16
Fatalities	20	5	11	1	17	4	15	4
Serious Injuries	28	9	18	9	21	10	28	12
Roadway Conditions								
Posted Speed Limit								
>30	13	3	8	3	14	4	11	2
35-40	20	7	11	3	5	4	9	4
45>	15	4	6	3	14	5	17	10
Intersections								
Mid-Block	23	6	15	4	31	3	29	7
Intersection	14	6	4	5	7	11	8	9
Number of Lanes								
2 Lane	18	7	11	3	14	6	10	4
3-4 Lane	14	6	6	1	8	3	8	3
5 > Lane	16	1	7	5	11	4	19	9
Functional Classification								
Major Arterial	14	2	6	8	11	4	14	8
Minor Arterial	17	4	13	0	7	3	9	4
Major Collector	6	7	4	0	4	3	4	2
Minor Collector	6	1	2	1	3	0	1	2
Local Road	5	0	1	0	8	3	9	0
Lane Departure								
Crashes	5	1	5	1	6	0	3	1
Surface Conditions								
Wet Road	5	0	5	0	3	2	6	1
Dry Road	42	14	21	10	30	11	31	15
Lighting Conditions								
Daytime	23	13	11	8	12	10	23	9
Nighttime	25	1	18	2	21	4	14	7
Rail Crossings								
Trespassers	4	0	0	0	5	0	6	0
Human Behaviors								
Impaired Driving	4	1	1	0	0	0	0	1
Distracted Driving	11	0	5	1	10	2	1	2
Speeding and Aggressive Driving	0	0	2	1	0	1	0	1
Socioeconomic Conditions								
Aging Driver	9	4	3	2	6	1	5	4
Teen Driver	2	0	2	2	1	0	0	0

TPA Reporting

To track the progress made since updating the TPA's 2021 Vision Zero Action Plan, the following actions were applied during the fourth quarter to help reach our Vision Zero goal:

- Supported the adoption of a Vision Zero Resolution for the City of Boca Raton to establish a commitment of the investment of projects that will help eliminate fatal and serious injuries.
- Supported the following agencies in applying for discretionary grants to fund transportation improvements:
 - City of West Palm Beach for the Reconnecting Communities/ Rail Closures "Building Bridges" grant
 - Palm Beach County for the SMART Program Grant
 - City of Boca Raton for the SMART Program Grant
 - Brightline for the Consolidated Rail Infrastructure & Safety Improvements (CRISI)
 - South Florida Regional Transportation Authority (SFRTA) for the Rail Vehicle Replacement Program
- Attended Florida's Pedestrian and Bicycle Safety Coalition meeting to stay up to date on the latest pedestrian and bicycle state laws, crash data reporting, and statewide Vision Zero efforts
- Participated in two (2) safety events to spread awareness on Vision Zero, pedestrian and bicycle state laws, and safety resources emphasizing traditionally underserved communities
- Collaborated with our partners to assist with project identification and grant application submittals

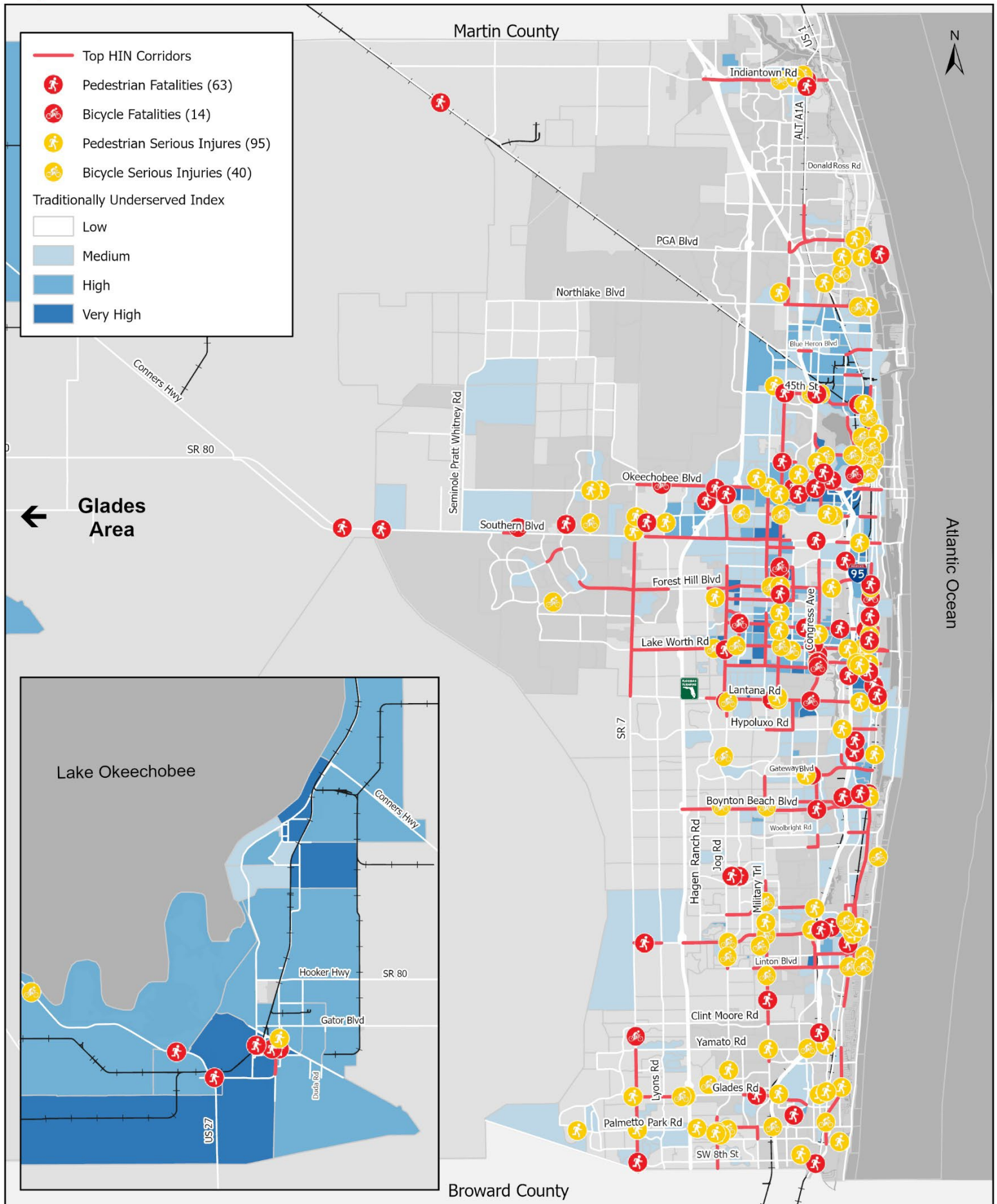
The TPA will continue to encourage agencies to develop comprehensive roadway safety action plans and utilize resources and grants available to develop such materials.



2022 PEDESTRIAN & BICYCLE CRASH ANALYSIS



2022 Summary: Pedestrian and Bicycle Crashes



The following table displays crash data from 2018-2022 and breaks down the data by crash type, severity, and contributing factors. While the total number of crashes in Palm Beach County has not increased significantly, there has been a **46% increase** in pedestrian and bicycle deaths since 2018. The number of overall crash fatalities also increased to an all-time high in 2022. At the same time, there was a notable surge in reports of distracted driving.

	5-Year Summary Crashes					Total
	2018	2019	2020	2021	2022	
Bicycle Fatalities and Serious Injuries	62	52	68	46	54	282
Pedestrian Fatalities and Serious Injuries	156	157	127	134	158	732
Vehicle and Motorcycle Crashes	53,885	55,387	42,146	49,100	49,854	250,372
Total Fatalities for Pedestrians and Bicyclists	48	47	56	56	70	284
Total Fatalities for All Crashes	183	174	186	215	221	979
Total Crashes of All Types	55,095	56,655	43,205	50,286	51,212	256,453
Roadway Conditions						
Lane Departures	27	20	26	18	22	113
Intersection-Related	61	67	76	53	64	321
Rail Crossing Fatalities and Serious Injuries	13	15	4	8	15	55
Human Behavior						
Impaired Driving	11	7	14	10	7	49
Speeding and Aggressive Driving	7	13	13	4	5	42
Distracted Driving	5	9	17	15	32	78
Socioeconomic Conditions						
Aging Drivers	27	41	25	38	34	165
Teen Drivers	9	7	10	10	7	43



Background Information and Sources

The TPA works collaboratively with Palm Beach County (PBC), FDOT, local municipalities and other partners to align strategies and funding within programs to eliminate crashes that result in a serious injury or fatality.

Data Notes

The information contained within this report was downloaded from Signal Four Analytics – University of Florida GeoPlan and the Federal Railroad Administration Office of Safety Analysis data portal and reformatted for this analysis. Please note that the information provided within this report is preliminary and subject to change.

- **Signal 4 Analytics:** This web-based interactive tool allows government employees and consultants working on behalf of government agencies the ability to view crash reports, produce maps, and interact with data to analyze area trends. [S4Analytics \(signal4analytics.com\)](https://signal4analytics.com) More information on the data is available from the Signal 4 Analytics Data Dictionary. [S4 Data Dictionary.pdf \(signal4analytics.com\)](https://signal4analytics.com/S4_Data_Dictionary.pdf). Data for this quarter was retrieved April 13, 2023.
- **US Department of Transportation: Federal Railroad Administration:** This site shares railroad safety information including accident, incident, inventory, and highway-rail crossing data with the public. [FRA Safety Data & Reporting | FRA \(dot.gov\)](https://www.fra.dot.gov/FRA/SafetyDataReporting) Data for this quarter was retrieved April 13, 2023.

***Disclaimer:** Every effort has been made to provide data that is current and accurate. All data is considered preliminary until the year is reconciled and closed out by the FLHSMV, and thus certain adjustments may be made to verify the data where clerical errors are noted. The following data was not included in Signal 4 Analytics and was obtained through other means.

- **Posted Speed Limit:** Posted speed limit data not included in Signal 4 Analytics. Data was obtained through individual crash reports.
- **Functional Classification:** Functional Classification data not included in Signal 4 Analytics. Additional spatial analysis was performed to obtain this data.
- **Intersection – Mid-Block Crossing:** Mid-Block Crossing data not included in Signal 4 Analytics. Data was obtained through individual crash reports and further analysis of conditions.

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