



Technical Advisory Committee
Agenda Book

10:00 am
Wednesday, October 1, 2025

North Florida TPO Board Room
980 North Jefferson Street
Jacksonville, FL 32209



**Technical Advisory Committee
Meeting Agenda
Wednesday, October 1, 2025
10 a.m.**

**Call to Order
Introductions
Public Comment**

Agenda

A. September 3, 2025 Minutes

ACTION ITEM

These minutes are ready to review and approve.

B. FDOT Requests Amending the FY 2025/26 – FY 2029/30 Transportation Improvement Program (TIP)

ACTION ITEM

A copy of the request is included in Section B, which includes the following projects:

- **455393-1** – I-10 (SR 8) Safety Median Barrier Initiative
Safety Project/FDOT/Duval County
- **209407-2** – Park Street from Parrish PL to Glendale Street
Roundabout/FDOT/Duval County
- **430068-2** – SR 115 (Lem Turner Road) & Duane Ave. JFRD Station #32
Traffic Signals/FDOT/Duval County
- **432259-5** – I-95 (SR 9) from SR 202 (J Turner Butler Blvd.) to S of SR 126
(Emerson Street) – Add Lanes & Reconstruct/FDOT/Duval County
- **210253-8** – I-95 (SR 9) at International Golf Parkway Interchange
Add Lanes/FDOT/St. Johns County
- **434303-2** – SR 104 (Dunn Avenue) @ Ross Blvd. JFRD Station #32
Traffic Signals/FDOT/Duval County
- **455405-1** – I-10 (SR 8) Safety Median Barrier Initiative
Safety Project/FDOT/Nassau County
- **456200-1** – JTA Northwest Jacksonville TOD Pilot Study
PTO Studies/Jacksonville/Duval County

C. Resolution Adopting 2026 Safety Performance Targets

ACTION ITEM

The targets are included in Section C.

D. Best Foot Forward Program Launch

Information
Only

The Best Foot Forward Program aims to address a lack of driver compliance and a failure to yield for pedestrians at crossings. The program is kicking off in Duval and St. Johns Counties this fall.

E. SR 105 (Heckscher Drive) Corridor Study Presentation

Information
Only

Martha Moore and Ryan Thady of Benesch will present the study that examined different intersection and grade separation concepts and impacts for SR 105 from New Berlin Road to Blount Island Blvd.

F. Smart North Florida Update

Information
Only

G. Old Business

- September 11, 2025 TPO Meeting Report

H. New Business

I. Public Comment

J. Adjournment

The next meeting will be November 5, 2025.

NOTICE

In accordance with Section 286.01105, *Florida Statutes*, any person wishing to appeal a decision reached at this meeting will need a record of the proceedings. He may need to ensure that a verbatim record of the proceedings be made, which record would include the testimony and evidence upon which the appeal is to be made.

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 (free of charge) should contact Marci Larson at 904-306-7513 at least seven days prior to the meeting.

Agenda Item A.

Minutes of September 3, 2025 Meeting

Action Item



TECHNICAL ADVISORY COMMITTEE **MEETING SUMMARY**

Wednesday, September 3, 2025 - 10 a.m.

MEMBERS PRESENT:

Jason Sparks, City of St. Augustine Beach, **CHAIRMAN**
Steve Smith, Town of Orange Park, **VICE CHAIR**
Andrew Avent, Nassau County Planning Dept. (for Robert Companion)
Elizabeth Backe, Nassau County Planning Dept.
Gabriel Barro, City of Green Cove Springs Planning Dept.
Beth Carson, Clay County Planning Dept.
Doug Conkey, St. Johns River Water Mgmt. District
Lauren Dwyer, St. Johns County Planning Dept. (for Dick D'Souza)
Bill Killingsworth, City of Atlantic Beach
Chris LeDew, COJ Public Works Dept.
Sean Lynch, Mayor - Town of Baldwin
Dave McKee, JEA
Mark McManus, U.S. Navy
Colin Moore, City of Neptune Beach
Scott Moore, Nassau County Ocean Hwy. & Port Authority
Jeremy Norsworthy, JTA
Xavier Pellicer, City of St. Augustine (for Reuben Franklin)
Christian Popoli, Jacksonville Beach Planning Dept.
Justin Ryan, JAXPORT
Warrick Sams, Clay County Engineering Dept.
Laurie Santana, City of Jacksonville Planning Dept.
Anna Siju, Florida Department of Transportation
Richard Smith, Clay County Public Works Dept.
Ashley Shorter, JAA

MEMBERS ABSENT:

Michael Grunewald, St. Johns County Public Works Dept.
Elizabeth Payne, Northeast Florida Regional Council

OTHERS PRESENT:

Wiley Page, Atkins Realis
Tanner Pletzke, CoJ
Mariana Schwabacher, Gannett Fleming
Richard Fangmorn, Pond & Company
Martha Moore, Benesch
Achaia Brown, FDOT
Paige DeBold, FDOT

Aaron Swanson, JAA
Terry Shaw, Kimley Horn
Faith Powell, FDOT
April Bacchus, ETM
Eric Houston, JTA
Dr. Thobias Sando, UNF
Clayton Levins, SNF

TPO STAFF PRESENT:

Jeff Sheffield, Executive Director
Elizabeth De Jesus, Transportation Programs Manager
Thalia Fuste, Transportation Planner
Marci Larson, Public Affairs Manager
Clark Letter, Planning and Analytics Director
Jennifer Lott, Executive Assistant

CALL TO ORDER

Chairman Sparks welcomed everyone and called the Technical Advisory Committee meeting to order at 10 a.m. Introductions were made around the room.

PUBLIC COMMENT

None at this time.

A. APPROVE THE JULY 2, 2025 MEETING MINUTES

Chairman Sparks asked that the July Technical Advisory Committee meeting minutes be approved.

Bill Killingsworth moved to approve the July 2, 2025 meeting minutes; Steve Smith seconded; motion unanimously carried.

B. FDOT REQUESTS AMENDING THE TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR FY 2025/26 – FY 2029/30 TO INCLUDE PROJECTS IN THE ROLL FORWARD REPORT

Jeff Sheffield informed the group the Roll Forward Report includes projects or phases of projects that were approved in the FY 2024/25 – FY 2028/29 TIP but were authorized or begun prior to July 1, 2025. These projects then “Roll Forward” into the first year of the new FY 2025/26 – FY 2029/30 TIP.

Mr. Sheffield asked for questions. There were no questions at this time.

Bill Killingsworth moved to approve the FDOT’s request to amend the Transportation Improvement Program (TIP) for FY 2025/26 – FY 2029/30 to include

projects in the Roll Forward Report; Elizabeth Backe seconded; motion unanimously carried.

C. AMENDMENT OF THE METROPOLITAN PLANNING ORGANIZATION AGREEMENT

Clark Letter presented the amendment of the Metropolitan Planning Organization Agreement to include PL funds in the amount of \$80,867.

Mr. Letter asked for questions. There were no questions at this time.

Bill Killingsworth moved to approve the amendment of the Metropolitan Planning Organization Agreement; Laurie Santana seconded; motion unanimously carried.

D. AMENDMENT OF THE UNIFIED PLANNING WORK PROGRAM (UPWP) FOR FY 2024/25 – FY 2025/26

Clark Letter presented the amendment of the Unified Planning Work Program (UPWP) for FY 2024/25 – FY 2025/26.

The UPWP is the task-based budget of the North Florida TPO. It includes administrative tasks, a number of required work tasks such as the TIP, Congestion Management Process, LRTP and other related planning tasks including transit planning, most of which is performed by JTA.

Additional PL funds in the amount of \$80,867 became available and are proposed to be added to “Task 1.5 – General Consultant Services” in year two of the UPWP. To clearly indicate available funds for expenditure in year two, funds that were not expended in year one of the UPWP are proposed to be moved into year two of the UPWP. This includes CM, PL and SU dollars in the amount of \$64,124.59, \$157,130.50 and \$163,375 respectively for a total of \$384,630.09.

Mr. Letter asked for questions. There were no questions at this time.

Scott Moore moved to approve the amendment of the Unified Planning Work Program (UPWP) for FY 2024/25 – FY 2025/26; Bill Killingsworth seconded; motion unanimously carried.

E. INNOVATIVE TRUCK PARKING AVAILABILITY SYSTEM (iTPAS) STUDY

Dr. Thobias Sando of UNF presented a brief overview of the study that examined the iTPAS truck parking management system. The study establishes best practices employing camera detection systems in managing truck parking.

Dr. Sando asked for questions.

- Jeff Sheffield asked if the nighttime inaccuracies could be solved with additional cameras.

Dr. Sando responded, especially at night, any shift in the camera can give a false positive or a false negative. Additional cameras will improve accuracy, as well as the new model that does not use bounding boxes.

- Jeff Sheffield commented we have made a deliberate effort to engage UNF and empower students to be a part of our studies and processes. Mr. Sheffield thanked April Bacchus and ETM for their work on this project.
- Doug Conkey asked if Dr. Sando has collaborated with SNF on any technology projects.

Dr. Sando responded the scope for this project was limited to working with FDOT District 2.

Mr. Sheffield commented FDOT District 2 and SNF were fully aware of this project and the work Dr. Sando and his students performed.

F. SMART NORTH FLORIDA

SNF has a pilot underway with each of the following companies.

- Urban Hawk – Using computer vision to understand pavement and asset conditions in Green Cove Springs.
- Spot Genius – Using computer vision to understand real time parking conditions in St. Augustine for their surface lots and curb parking.
- Geolava – Using AI agents and satellite imagery for disaster recovery. This is a result of a problem statement given to us by FDOT District 2.

Mr. Levins asked for questions.

- Jason Sparks asked if there is anything special or new related to the Urban Hawk technology.

Mr. Levins responded he does not have the results yet of this technology, as it is in the data collection phase.

G. OLD BUSINESS

H. NEW BUSINESS

I. PUBLIC COMMENT

- Doug Conkey asked if anyone knows how SB 180 will impact or change the speed of projects from a planning perspective.

ADJOURNMENT

There being no further business, the meeting was adjourned at 10:37 a.m. The next TAC meeting will be October 1, 2025.

Agenda Item B.

**FDOT Requests Amending the FY 2025/26 –
FY 2029/30 Transportation Improvement
Program (TIP)**

Action Item



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

September 18, 2025

Elizabeth DeJesus
Transportation Planning Manager
North Florida TPO
980 North Jefferson Street
Jacksonville, FL 32209

Re: FDOT Amendment request for the North Florida TPO Transportation Improvement Program (TIP) for FY 2025/26 – FY 2029/30

Dear Elizabeth:

The Florida Department of Transportation (FDOT) requests Board approval for an amendment to the Transportation Improvement Program (TIP) for FY 2025/26 through FY 2029/30. Please add the following TIP Amendment requests for action by the TPO Board at their October meeting.

Please include the amounts listed for the total project in the TIP amendment report.

The following are new individual projects added to the current STIP:

**455393 1 I-10(SR8) SAFETY MEDIAN BARRIER INITIATIVE
SAFETY PROJECT//FDOT//Duval County**

*** SIS***

<u>Fund</u>	<u>Phase</u>	<u>FY 2026</u>
ACSS	PE	\$53,047

**209407 2 PARK STREET FROM PARRISH PL TO GLENDALE ST
ROUNDAABOUT//FDOT//Duval County**

NON SIS

<u>Fund</u>	<u>Phase</u>	<u>FY 2026</u>
TALU	PE	\$1,214,123
ACSA	ROW	\$12,000
ACSU	ROW	\$500

430068 2 SR115(LEM TURNER RD) & DUANE AVE JFRD STATION #32
TRAFFIC SIGNALS//FDOT//Duval County

NON SIS

<u>Fund</u>	<u>Phase</u>	<u>FY 2026</u>
ACSU	PE	\$421,855

432259 5 I-95(SR9) FROM SR202(J TURNER BUTLER BLVD) TO S OF
SR126(EMERSON ST)
ADD LANES & RECONSTRUCT// FDOT//Duval County

SIS

<u>Fund</u>	<u>Phase</u>	<u>FY 2026</u>
ACNP	PE	\$4,210,250
ACNP	RRU	\$14,075,646
ACNP	DSB	\$206,237,480
DI	DSB	\$42,315,700
STED	DSB	\$12,360,000

210253 8 I-95(SR9) AT INTERNATIONAL GOLF PARKWAY
INTERCHANGE - ADD LANES//FDOT//St Johns County

SIS

<u>Fund</u>	<u>Phase</u>	<u>FY 2025</u>	<u>FY 2026</u>
DDR	PD&E	\$324,483	\$0
DIH	PD&E	\$2,318	\$7,682
DIH	PE	\$292	\$11,708
ACSU	PE	\$0	\$100,000
LF	PE	\$640,000	\$0
TRIP	PE	\$636,000	\$0

434303 2 SR104(DUNN AVE) @ ROSS BLVD JFRD STATION #32
TRAFFIC SIGNALS//FDOT//Duval County

NON SIS

<u>Fund</u>	<u>Phase</u>	<u>FY 2026</u>
ACSU	PE	\$397,324

**455405 1 I-10(SR8) SAFETY MEDIAN BARRIER INITIATIVE
SAFETY PROJECT//FDOT//Nassau County**

SIS

<u>Fund</u>	<u>Phase</u>	<u>FY 2026</u>
ACSS	PE	\$6,669

**456200 1 JTA NORTHWEST JACKSONVILLE TOD PILOT STUDY
PTO STUDIES//Jacksonville//Duval County**

NON-SIS

<u>Fund</u>	<u>Phase</u>	<u>FY 2026</u>
FTA	PLN	\$1,500,000

If you have any questions about this project or this amendment request, please call me at (904) 360.5676.

Sincerely,

Anna Siju

Anna Siju
North Florida TPO Liaison
FDOT District Two

cc: Achaia Brown

Agenda Item C.

**Resolution Adopting 2026 Safety Performance
Targets**

Action Item



MEMORANDUM

To: TPO Committees and Board

From: Clark Letter, Director of Planning and Analytics

Date: October 9, 2025

Subject: **Adopting Safety Performance Targets for the North Florida TPO**

The Federal Highway Administration (FHWA) published several rules establishing performance measures and reporting requirements for State Departments of Transportation (DOTs) and Metropolitan Planning Organizations (MPOs). These rules establish measures to assess the condition of road safety within MPO boundaries. The defined performance measures that must be tracked by MPOs are shown below:

Performance Measure	Description
Number of Fatalities	The total number of persons suffering fatal injuries in a motor vehicle crash during a calendar year.
Rate of Fatalities	The total number of fatalities per 100 million vehicle miles traveled (VMT) in a calendar year.
Number of Serious Injuries	The total number of persons suffering at least one serious injury in a motor vehicle crash during a calendar year.
Rate of Serious Injuries	The total number of serious injuries per 100 million VMT in a calendar year.
Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries	The combined total number of non-motorized fatalities and non-motorized serious injuries involving a motor vehicle during a calendar year.

FDOT annually establishes statewide safety targets for the following calendar year as part of the HSIP Annual Report, which must be submitted by August 31 each year. Targets are applicable to all public roads regardless of functional classification or ownership.

MPOs have the option of supporting the statewide targets or establishing their own targets for the MPO planning area. MPOs must set their targets within 180 days after FDOT sets the statewide targets. MPOs must annually update their targets by February 27 of each year.



**RESOLUTION 2025-9
ADOPTING SAFETY PERFORMANCE TARGETS**

WHEREAS, as required by 23 CFR 490, for Calendar Year 2026 the Florida Department of Transportation has adopted aspirational targets for number of *fatalities*, *number of serious injuries*, *fatality rate*, *serious injury rate*, *total number of non-motorized fatalities* and *serious injuries*; and

WHEREAS, the North Florida Transportation Planning Organization is also required to adopt annual performance targets for these measures;

NOW, THEREFORE, BE IT RESOLVED THAT the North Florida TPO adopts the Florida Department of Transportation performance targets as follows:

National Performance Measures to Assess Safety	
FHWA Performance Measure	FDOT 2026 Target
Number of Fatalities	0
Number of Serious Injuries	0
Fatality Rate	0
Serious Injury Rate	0
Total Number of Non-Motorized Fatalities and Serious Injuries	0

Adopted by the North Florida Transportation Planning Organization in regular meeting assembled in the City of Jacksonville the 9th day of October 2025.

ATTEST:

The Honorable Randy White, Chairman

Jeff Sheffield, Executive Director

Agenda Item G.

Old Business

- **September 11, 2025 TPO Meeting Report**

North Florida TPO Meeting Report



Meeting Agenda

Thursday, September 11, 2025
10 a.m.

Call to Order
Pledge of Allegiance
Introductions
Public Comment

Consent Agenda

1. North Florida TPO Minutes of June 12, 2025 *APPROVED*
2. Resolution 2025-8 Supporting the Designation of SR 9B from I-295 to I-95 as I-795 *APPROVED*

TPO Agenda

- A. Finance Report Information
Only
- May Monthly Financial Statement
 - June Monthly Financial Statement
- B. FDOT Requests Amending the Transportation Improvement Program (TIP) for FY 2025/26 – FY 2029/30 to include Projects in the Roll Forward Report – **Board Approved** **ACTION
REQUESTED
TAC and CAC
Approved**

The Roll Forward Amendment includes projects or phases of projects that were approved in the FY 2024/25 – FY 2028/29 TIP but were authorized or begun prior to July 1, 2025. These projects then “Roll Forward” into the first year of the new FY 2025/26 – FY 2029/30 TIP. A copy of the request is included in Section B.

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|---|--|
| <p>C. Amendment of the Metropolitan Planning Organization Agreement – Board Approved</p> <p>A copy of the resolution is included in Section C.</p> | <p>ACTION ITEM
TAC and CAC
Approved</p> |
| <p>D. Amendment of the Unified Planning Work Program (UPWP) for FY 2024/25 – FY 2025/26 - Board Approved</p> <p>A copy of the resolution is included in Section D.</p> | <p>ACTION ITEM
TAC and CAC
Approved</p> |
| <p>E. Innovative Truck Parking Availability System (iTPAS) Study</p> <p>April Bacchus of ETM and Dr. Thobias Sando of UNF will present the study that examined the iTPAS truck parking management system. The study establishes best practices employing camera detection systems in managing truck parking.</p> | <p>Information
Only</p> |
| <p>F. Smart North Florida Update</p> | <p>Information
Only</p> |
| <p>G. Executive Director’s Report</p> | <p>Information
Only</p> |
| <p>H. Secretary of Transportation’s Report</p> | <p>Information
Only</p> |
| <p>I. Authority Reports</p> | <p>Information
Only</p> |
| <p>J. Old Business</p> | |
| <p>K. New Business</p> | |
| <p>L. Public Comment</p> | |
| <p>M. Adjourn</p> | |
| <p>N. Information</p> <ul style="list-style-type: none"> • Status Report of FDOT Projects in the North Florida TPO area | |

The next meeting will be October 9, 2025

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