



Technical Advisory Committee
Agenda Book

10:00 am
Wednesday, October 7, 2026

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



**Technical Advisory Committee
Meeting Agenda
Wednesday, October 7, 2026
10 a.m.**

Call to Order
Introductions
Public Comment

Agenda

A. August 5, 2026 Minutes **ACTION ITEM**

These minutes are ready to review and approve.

B. Staff Requests Amending the Unified Planning Work Program (UPWP) for FY 2026/27 – FY 2027/28 **ACTION ITEM**

A copy of the request is included in Section B.

C. Resolution Adopting 2027 Safety Performance Targets **ACTION ITEM**

The targets are included in Section C.

D. FDOT Requests Amending the FY 2026/27 – FY 2030/31 Transportation Improvement Program (TIP) **ACTION ITEM**

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

- **209663 3** – SR 10A (Arlington Expressway) at A. Phillip Randolph Blvd.
Traffic Signals/FDOT/Duval County
- **430910 3** – SR 103 (Lane Ave.) South of Lucente Drive
Pedestrian Safety Improvement/FDOT/Duval County
- **443294 2** – SR 134 (103rd St.) from Lambing Rd. to Ken Rd.
Safety Project/FDOT/Duval County
- **445431 4** – SR 211 (Herschel St.) from SR 128 (San Juan Ave.) to St. Johns Ave.
Roundabout/FDOT/Duval County
- **456404 1** – SR A1A over Sherman Creek Bridge No. 720077
Bridge Replacement/FDOT/Duval County

E. Technology Test Bed Presentation

Information
Only

Jeff Sheffield will give a brief presentation on the Real-Time Data and Analytics Pilot for Mobility and Parking.

F. Smart North Florida Update

Information
Only

G. Old Business

- June 11, 2026 TPO Meeting Report

H. New Business

I. Public Comment

J. Adjournment

The next meeting will be November 4, 2026.

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 August 5, 2026 Meeting

Action Item



TECHNICAL ADVISORY COMMITTEE **MEETING SUMMARY**

Wednesday, August 5, 2026 - 10 a.m.

MEMBERS PRESENT:

Steve Smith, Town of Orange Park, **CHAIRMAN**
Chris LeDew, COJ Public Works Dept., **VICE CHAIR**
Andrew Avent, Nassau County Planning Dept. (for Robert Companion)
Elizabeth Backe, Nassau County Planning Dept.
Lurise Bannister, City of Jacksonville Planning Dept.
Beth Carson, Clay County Planning Dept.
Doug Conkey, St. Johns River Water Mgmt. District
Dick D'Souza, St. Johns County Planning Dept.
Marcus Pinson, City of St. Augustine (for Reuben Franklin)
Jeremiah Glisson, City of Fernandina Beach
Michael Grunewald, St. Johns County Public Works Dept.
Dave McKee, JEA
Mark McManus, U.S. Navy
Colin Moore, City of Neptune Beach
Jeremy Norsworthy, JTA
Elizabeth Payne, Northeast Florida Regional Council
Eric Pope, Clay County Public Works Dept.
Christian Popoli, Jacksonville Beach Planning Dept.
Justin Ryan, JAXPORT
Anna Siju, Florida Department of Transportation
Richard Smith, Clay County Public Works Dept.
Jason Sparks, City of St. Augustine Beach

MEMBERS ABSENT:

Amanda Askew, City of Atlantic Beach
Sean Lynch, Mayor - Town of Baldwin
Scott Moore, Nassau County Ocean Hwy. & Port Authority
Ashley Shorter, JAA

OTHERS PRESENT:

Clayton Levins, SNF
Wiley Page, Atkins Realis
Martha Moore, Benesch
Mary Noonan, Atkins Realis
Achaia Brown, FDOT
Phil Shad, Atkins Realis
Brian Powers, RS&H

Wiatt Bowers, Atkins Realis
William Burke, HDR
Victoria Pennington, MVP

TPO STAFF PRESENT:

Jeff Sheffield, Executive Director
Elizabeth De Jesus, Transportation Programs Manager
Thalia Fuste', Transportation Planner
Clark Letter, Dir. Planning and Analytics
Jennifer Lott, Executive Assistant

CALL TO ORDER

Chairman Smith welcomed everyone and called the Technical Advisory Committee meeting to order at 10:02 a.m. Introductions were made around the room.

PUBLIC COMMENT

None at this time.

A. APPROVE THE JUNE 3, 2026 MEETING MINUTES

Chairman Smith asked that the June Technical Advisory Committee meeting minutes be approved.

Michael Grunewald moved to approve the June 3, 2026 meeting minutes; Doug Conkey seconded; motion unanimously carried.

**B. FDOT REQUESTS AMENDING THE FY 2025/26 – FY 2029/30
TRANSPORTATION IMPROVEMENT PROGRAM**

Anna Siju presented the following amendment to the Transportation Improvement Program (TIP) for FY 2025/26 – FY 2029/30.

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

- **210455-3** – SR A1A (S. Castillo St.) at CR 1351 (W. Castillo Dr.)
Traffic Signals/FDOT/St. Johns County
- **439882-4** – Fort Matanzas Ferry Boat Capital Improvement Section 5307/IIJA
JTA/UZA – Ferry Boat/Water Taxi/ Jacksonville/St. Johns County
- **446153-1** – I-95 (SR 9) from Baymeadows Road to SR 202 (J. T. Butler Blvd.)
Add Lanes and reconstruction/FDOT/Duval County

Project # 439882-4 – Correction - This project is being managed by the National Park Service not JTA.

Ms. Siju asked for questions.

- Doug Conkey asked if the I-95 widening project includes any plans to shorten the widening before you merge onto the roadway at University and Bowden.

Ms. Siju responded she will look into that and report back.

Doug Conkey moved to approve the FDOT's request to amend the FY 2025/26 – FY 2029/30 Transportation Improvement Program (TIP); Richard Smith seconded; motion unanimously carried.

C. FDOT REQUESTS AMENDING THE TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR FY 2026/27 – FY 2030/31 TO INCLUDE PROJECTS IN THE ROLL FORWARD REPORT

Anna Siju informed the group the Roll Forward Report includes projects or phases of projects that were approved in the FY 2025/26 – FY 2029/30 TIP but were not authorized or begun prior to July 1, 2026. These projects then “Roll Forward” into the first year of the new FY 2026/27 – FY 2030/31 TIP.

This amendment also includes the following projects.

- **210455-3** – SR A1A (S. Castillo St.) at CR 1351 (W. Castillo Dr.)
Traffic Signals/FDOT/St. Johns County
- **439882-4** – Fort Matanzas Ferry Boat Capital Improvement Section 5307/IIJA
JTA/UZA – Ferry Boat/Water Taxi/ Jacksonville/St. Johns County
- **446153-1** – I-95 (SR 9) from Baymeadows Road to SR 202 (J. T. Butler Blvd.)
Add Lanes and reconstruction/FDOT/Duval County

Project # 439882-4 – Correction - This project is being managed by the National Park Service not JTA.

Ms. Siju asked for questions. There were no questions at this time.

Dick D'Souza moved to approve the FDOT's request to amend the Transportation Improvement Program (TIP) for FY 2026/27 – FY 2030/31 to include projects in the Roll Forward Report and the additional projects as presented; Lurise Bannister seconded; motion unanimously carried.

D. BEACHES E-BIKE STUDY

Mary Noonan with Atkins Realis gave a brief presentation on the UPWP Beaches E-Bike Study.

Ms. Noonan asked for questions.

- Mark McManus commented he appreciates E-Moto being a separate category. Mr. McManus asked if group riders on an e-bike (Class 3) going 15-22 mph are prohibited from using shared use paths.

Ms. Noonan responded it is our recommendation to prohibit them from using a shared use path within a pedestrian heavy area. Ultimately, it is up to the municipalities to decide.

- Justin Ryan asked if there are any regulations at the federal level for the manufacturers.

Ms. Noonan responded we looked at safety regulations at the federal level and couldn't find any. Many of the e-bikes can be reprogrammed using a cell phone to increase the speed limits, etc.

- Mark McManus commented e-bikes purchased from Amazon or Ali Express are very easy to reprogram.
- Doug Conkey asked if there is a plan to work with the school districts to ensure the safety of the children regarding e-bikes.

Ms. Noonan responded the TPO is addressing this through their Safe Routes to Schools program.

- Chris LeDew asked if there are any cities/municipalities that have had their e-bike rules in place long enough to get significant crash data to see if the rules made a positive impact.

Ms. Noonan responded it is too early to tell.

- Beth Carson asked if there is any traction moving forward on Senate Bill 382.

Ms. Noonan responded hopefully it will pass next session.

- Mark McManus commented the problem is people go 25 mph on an e-bike and have no experience of how to handle it. There is no mechanism to capture the crash data.
- Doug Conkey asked if this also addresses scooters and electric skateboards.

Ms. Noonan responded that for the crash analysis we looked at all types of e-bikes, as well as e-scooters and e-skateboards.

- Thalia Fuste' informed the group there is a handout available that summarizes what was presented today.

E. SMART NORTH FLORIDA UPDATE

Clayton Levins gave the following update.

- Starting a pilot with FDOT around the stadium. We will be testing three different camera sensors for traffic operations with Derq, MioVision and Omnisight products. We will be collecting data related to turning moving counts, pedestrian detection and safety metrics. We will also look at how they can be used for game day operations and connectivity with the RTMC.
- Jeff Sheffield commented this gives us the ability to test these products and collect data for metrics. The goal is if these products work, they will be put on the FDOT product list and be purchased and implemented.
- Doug Conkey informed the group Amazon is looking at implementing a drone delivery service in the Whitehouse area near the Baldwin rail trail.

F. OLD BUSINESS

G. NEW BUSINESS

- Clark Letter informed the group the TPO's 2026 Annual Mobility Report is available for your information.
- The TPO's website is in the process of being updated. A survey will be sent to you regarding the updates to the website. Please provide any feedback you may have.

H. PUBLIC COMMENT

I. ADJOURNMENT

There being no further business, the meeting was adjourned at 10:32 a.m. The next TAC meeting will be September 2, 2026.

Agenda Item B.

**Staff Requests Amending the Unified Planning
Work Program (UPWP) for FY 2026/27 –
FY 2027/28**

Action Item



MEMORANDUM

To: North Florida Board and Committees
From: Clark Letter, Director of Planning and Analytics
Date: October 8, 2026
Subject: **AMENDMENT OF THE UNIFIED PLANNING WORK PROGRAM (UPWP) FOR FISCAL YEAR 2026/27 THROUGH 2027/28**

REQUIRED ACTION: APPROVAL BY RESOLUTION (2026-7)

The Unified Planning Work Program (UPWP) serves as the task-based budget for the North Florida Transportation Planning Organization (TPO), identifying the planning activities and associated funding necessary to support the region's transportation planning program. The current UPWP covers Fiscal Years 2026/27 through 2027/28 and includes administrative activities, federally and state-required planning activities, and other transportation planning efforts undertaken by the TPO and its planning partners. This memorandum requests approval of an amendment to the UPWP to reallocate existing funding and establish a new planning activity, as described below.

- Sub-task 5.1 Annual Mobility Report: Reallocating \$46,050 of Consultant Services to Personnel,
- Sub-task 5.18 SMART St. Augustine Performance Measure Evaluation: Reallocating \$50,000 of Consultant Services to Personnel
- **NEW** Task 5.14 – Jacksonville Sports District East Side Circulation Study and moving the following funding:

FHWA – SU Funding

Task #	Task Name	Original \$	Proposed \$	Difference
1.5	General Consulting Services	\$286,171.00	\$136,171.00	-\$150,000
5.14	Jacksonville Sports District East Side Circulation Study	\$0.00	\$150,000.00	\$150,000



**RESOLUTION No. 2026-7
AMENDING THE UNIFIED PLANNING WORK PROGRAM FOR
FISCAL YEARS 2026/27 THROUGH 2027/28**

WHEREAS, the North Florida Transportation Planning Organization is the designated and constituted body responsible for the urban transportation planning and programming process for the Fernandina-Yulee, Jacksonville and St. Augustine Urbanized Areas; and

WHEREAS, the North Florida TPO has developed and adopted a Unified Planning Work Program (UPWP) for Fiscal Years 2026/27 through 2027/28 in accordance with applicable federal and state requirements; and

WHEREAS, the North Florida TPO desires to amend the UPWP to reallocate funding within Subtasks 5.1 – Annual Mobility Report and 5.18 – SMART St. Augustine Performance Measure Evaluation from Consultant Services to Personnel; and

WHEREAS, the North Florida TPO desires to establish Subtask 5.14 – Jacksonville Sports District East Side Circulation Study and reallocate \$150,000 in FHWA Surface Transportation Block Grant (SU) funding from Task 1.5 – General Consulting Services to Subtask 5.14; and

WHEREAS, the proposed amendments are reflected in the revised UPWP and are consistent with the transportation planning activities and funding needs of the North Florida TPO.

NOW, THEREFORE, BE IT RESOLVED that the North Florida Transportation Planning Organization hereby approves Amendment No. 2026-7 to the Unified Planning Work Program for Fiscal Years 2026/27 through 2027/28, including the funding reallocations and establishment of Subtask 5.14 – Jacksonville Sports District East Side Circulation Study described herein.

BE IT FURTHER RESOLVED that the Executive Director is authorized to transmit the approved UPWP amendment to the appropriate federal and state agencies and to take such actions as may be necessary to implement the amendment.

Adopted by the North Florida Transportation Planning Organization in regular meeting assembled in the City of Jacksonville this 8th day of October 2026.

Attest:

The Honorable Dr. Kristen Burke, Chair

Jeff Sheffield, Executive Director

Agenda Item C.

**Resolution Adopting 2027 Safety Performance
Targets**

Action Item



MEMORANDUM

To: TPO Committees and Board

From: Clark Letter, Director of Planning and Analytics

Date: October 8, 2026

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 2026-8
ADOPTING SAFETY PERFORMANCE TARGETS**

WHEREAS, as required by 23 CFR 490, for Calendar Year 2027 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 2027 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 8th day of October 2026.

ATTEST:

The Honorable Dr. Kristen Burke, Chair

Jeff Sheffield, Executive Director

Agenda Item D.

**FDOT Requests Amending the FY 2026/27 –
FY 2030/31 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

October 1, 2026

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

Re: FDOT Requests Amendment to the North Florida TPO Transportation Improvement Program (TIP) FY 2026/27-2030/31

Dear Elizabeth:

The Florida Department of Transportation (FDOT) requests Board approval for an amendment to the Transportation Improvement Program (TIP) for FY 2026/27 – 2030/31 TIP. Please add the attached TIP Amendment request for action by the TAC, CAC and TPO Board at their October meeting.

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

The following are new projects:

**209663 3 SR10A(ARLINGTON EXPW) AT A. PHILLIP RANDOLPH BLVD
TRAFFIC SIGNALS//FDOT//Duval County *Non SIS***

<u>Fund</u>	<u>Phase</u>	<u>FY 2027</u>
ACSU	PDE	\$300,000
ACSA	PDE	\$30,000
DIOH	PDX	\$21,333

**430910 3 SR103(LANE AVE) SOUTH OF LUCENTE DRIVE
PEDESTRIAN SAFETY IMPROVEMENT//FDOT//Duval County *Non SIS***

<u>Fund</u>	<u>Phase</u>	<u>FY 2027</u>
ACSS	CST	\$1,050,514
DIOH	COX	\$29,098
DIOH	CSX	\$8,277

**443294 2 SR134(103RD ST) FROM LAMBING RD TO KEN RD
SAFETY PROJECT//FDOT//Duval County**

Non SIS

<u>Fund</u>	<u>Phase</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>
ACSS	ROW	\$71,000	\$33,872	\$16,800
DIOH	RWX	\$4,983	\$2,482	\$1,287

**445431 4 SR211(HERSCHEL ST) FROM SR128(SAN JUAN AVE) TO ST. JOHNS
AVE
ROUNDBOUT//FDOT//Duval County**

Non SIS

<u>Fund</u>	<u>Phase</u>	<u>FY 2027</u>
ACCM	PDE	\$463,959
ACSA	PDE	\$40,000
ACSU	PDE	\$463,959
DIOH	PDX	\$32,576

**456404 1 SRA1A OVER SHERMAN CREEK BRIDGE NO. 720077
BRIDGE REPLACEMENT//FDOT//Duval County**

Non SIS

<u>Fund</u>	<u>Phase</u>	<u>FY 2027</u>
ACBR	PDE	\$770,000
DIOH	PDX	\$49,777

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

Sincerely,

Anna Siju

North Florida TPO Liaison
FDOT District Two

cc: Achaia Brown

Agenda Item G.

Old Business

- June 11, 2026 TPO Meeting Report

North Florida TPO Meeting Report



Meeting Agenda

Thursday, August 13, 2026

10 a.m.

Call to Order

Pledge of Allegiance

Introductions

Public Comment

TPO Agenda

- | | |
|--|---|
| A. North Florida TPO Minutes of June 11, 2026 – Board Approved | ACTION ITEM |
|
 | |
| B. Finance Report <ul style="list-style-type: none">• May Monthly Financial Statement | Information
Only |
|
 | |
| C. FDOT Requests Amending the FY 2025/26 – FY 2029/30 Transportation Improvement Program (TIP) – Board Approved | ACTION ITEM
TAC and CAC
Approved |
| <p>A copy of the request is included in Section C, which includes the following projects:</p> <ul style="list-style-type: none">• 210455 3 – SR A1A (S Castillo St.) at CR 1351 (W Castillo Dr.)
Traffic Signals/FDOT/St. Johns County• 439882 4 – Fort Matanzas Ferry Boat Capital Improvement Section 5307/IIJA
Nat Park Services/Ferry Boat/Water Taxi/Jacksonville/St. Johns County• 446153 1 – I-95 (SR 9) from Baymeadows Road to SR 202 (J.T. Butler Blvd.)
Add Lanes and Reconstruction/FDOT/Duval County | |
|
 | |
| D. FDOT Requests Amending the Transportation Improvement Program (TIP) for FY 2026/27 – FY 2030/31 to include Projects in the Roll Forward Report– Board Approved | ACTION ITEM
TAC and CAC
Approved |

The Roll Forward Amendment includes projects or phases of projects that were approved in the FY 2025/26 – FY 2029/30 TIP but were not authorized or begun prior

to July 1, 2026. These projects then “Roll Forward” into the first year of the new FY 2026/27 – FY 2030/31 TIP. A copy of the request is included in Section D and includes the following additional projects.

- **210455 3** – SR A1A (S Castillo St.) at CR 1351 (W Castillo Dr.)
Traffic Signals/FDOT/St. Johns County
- **439882 4** – Fort Matanzas Ferry Boat Capital Improvement Section 5307/IIJA
Nat Park Services/Ferry Boat/Water Taxi/Jacksonville/St. Johns County
- **446153 1** – I-95 (SR 9) from Baymeadows Road to SR 202 (J.T. Butler Blvd.)
Add Lanes and Reconstruction/FDOT/Duval County

E. Beaches E-Bike Study

Information
Only

Mary Noonan with Atkins-Realis will give a brief presentation on the UPWP Beaches E-Bike Study.

F. Best Foot Forward Safety Initiative

Information
Only

Vince Dyer with Bike/Walk Central Florida will give a brief presentation on the “Best Foot Forward” safety initiative.

G. Smart North Florida

Information
Only

H. Executive Director’s Report

Information
Only

I. Secretary of Transportation’s Report

Information
Only

J. Authority Reports

Information
Only

K. Old Business

Information
Only

L. New Business

M. Public Comment

N. Adjourn

O. Information

- Status Report of FDOT Projects in the North Florida TPO area

The next meeting will be September 10, 2026.

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.