



Technical Advisory Committee  
Agenda Book

10:00 am  
Wednesday, October 2, 2024

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



**Technical Advisory Committee  
Meeting Agenda  
Wednesday, October 2, 2024  
10 a.m.**

**Call to Order  
Introductions  
Public Comment**

**Agenda**

**A. August 7, 2024 Minutes ACTION ITEM**

These minutes are ready to review and approve.

**B. September 4, 2024 Minutes ACTION ITEM**

These minutes are ready to review and approve.

**C. FDOT Requests Amending the FY 2024/25 – FY 2028/29 Transportation Improvement Program (TIP) ACTION ITEM**

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

- **404020-2** – JTA 5307 Capital Operations Mass Transit Capital for Fixed Route/Jacksonville/Duval County
- **208202-5** – SR 15 (US 17) from Oak Street to Black Creek Resurfacing/FDOT/Clay County
- **209443-4** – SR 228 (Post St.) at SR 129 (McDuff Ave.) Roundabout Rail Safety Project/FDOT/Duval County

**D. Resolution Adopting Performance Targets for Transit Safety for Sunshine Bus Company ACTION ITEM**

The targets for Sunshine Bus Company are included in Section D.

**E. Resolution Adopting Performance Targets for Transit Asset Management for Sunshine Bus Company ACTION ITEM**

The targets for Sunshine Bus Company are included in Section E.

**F. Resolution Adopting Performance Targets for Transit Safety for JTA** **ACTION ITEM**

The targets for JTA are included in Section F.

**G. Resolution Adopting Performance Targets for Transit Asset Management for JTA** **ACTION ITEM**

The targets for JTA are included in Section G.

**H. Approval of the 2050 Long Range Transportation Plan (LRTP) Cost Feasible Plan** **ACTION ITEM**

The 2050 draft Cost Feasible Plan was presented at the September meeting for review and comment. Approval of the Cost Feasible Plan will complete adoption of the 2050 Long Range Transportation Plan (LRTP).

**I. City of Jacksonville, Vision Zero Action Plan and JTA Creating Safe Spaces Action Plan** **Information Only**

Fred Jones of Haskell will give a brief presentation on the City of Jacksonville and JTA's Action Plans.

**J. Smart North Florida Update** **Information Only**

**K. Old Business**

- September 12, 2024 TPO Meeting Report

**L. New Business**

**M. Public Comment**

**N. Adjournment**

**The next meeting will be November 6, 2024.**

**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 7, 2024 Meeting**

***Action Item***



**TECHNICAL ADVISORY COMMITTEE**  
**MEETING SUMMARY**

Wednesday, August 7, 2024 - 10 a.m.

**MEMBERS PRESENT:**

Robert Companion, Nassau County Planning Dept., **CHAIRMAN**  
Jason Sparks, City of St. Augustine Beach, **VICE CHAIR**  
Elizabeth Backe, Nassau County Planning Dept.  
Doug Conkey, St. Johns County Water Mgmt. District  
Mike Daniels, City of Green Cove Springs Planning Dept.  
Dick D'Souza, St. Johns County Planning Dept.  
David Dunkley, JAA (for Ashley Shorter)  
Brett James, City of Jacksonville Planning Dept.  
Bill Killingsworth, City of Atlantic Beach  
Victoria Kutney, Florida Department of Transportation  
Chris LeDew, COJ Public Works Dept.  
Sean Lynch, Mayor - Town of Baldwin  
Dave McKee, JEA  
Jeremy Norsworthy, JTA  
Elizabeth Payne, Northeast Florida Regional Council  
Xavier Pellicer, City of St. Augustine (for Reuben Franklin)  
Christian Popoli, Jacksonville Beach Planning Dept.  
Justin Ryan, JAXPORT  
Dodie Selig, Clay County Planning Dept.  
Richard Smith, Clay County Engineering & Public Works Dept.  
Steve Smith, Town of Orange Park  
Justin Taylor, Nassau County Ocean Hwy. & Port Authority

**MEMBERS ABSENT:**

Taylor Abernathy, Clay County Engineering Dept.  
Garrett Cox, City of Keystone Heights  
Michael Grunewald, St. Johns County Public Works Dept.  
Mark McManus, U.S. Navy  
Colin Moore, City of Neptune Beach  
Sean Rush, CareerSource  
Jaime Topp, St. Johns County Airport Authority

**OTHERS PRESENT:**

April Bacchus, ETM  
Wiley Page, Atkins Realis  
Denise Medrano, City of St. Augustine

Karin Tennant, HDR  
Terry Shaw, HDR  
Andrew Avent, Nassau County  
Laurie Santana, COJ  
Achaia Brown, FDOT  
Wiatt Bowers, Atkins Realis  
Phil Shad, Atkins Realis  
Eric Houston, JTA  
Rossana Hebron, Nassau County Ocean Hwy. & Port Authority  
Clayton Levins, SNF  
Mark Manwell, ETM

**TPO STAFF PRESENT:**

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

**CALL TO ORDER**

Chairman Companion 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 JUNE 5, 2024 MEETING MINUTES**

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

**Brett James moved to approve the June 5, 2024 meeting minutes; Justin Taylor seconded; motion unanimously carried.**

► **B. FDOT REQUESTS AMENDING THE FY 2023/24 – FY 2027/28 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

Victoria Kutney presented the following amendment to the Transportation Improvement Program (TIP) for FY 2023/24 – FY 2027/28.

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

- **446713-2 – SR 105 (Heckscher Dr.) @ RR Crossing No. 620874P**

- RRMP: 631.98 – Rail Safety Project/FDOT/Duval County \*SIS\*
- **454751-1** – Closure Incentive Crossing 621069K City of Jacksonville Rail Safety Project/City of Jacksonville/Dist/St-Wide \*NON-SIS\*
  - **447058-1** – King Street from US 1 to Bridge of Lions Bike Path-Trail/FDOT/ St. Johns County \*NON-SIS\*
  - **208203-3** – SR 230 from Bradford County Line to SR 16 Resurfacing/FDOT/Clay County \*NON-SIS\*
  - **209451-6** – SR 111 (Tallulah Ave.) from Moncrief Creek to SR 5 (US 17) Main St. N. – Resurfacing/FDOT/Duval County \*NON-SIS\*
  - **213209-2** – I-95 (SR 9) from Owens Road to Nassau County Line Resurfacing/ FDOT/Duval County \*SIS\*
  - **213273-8** – I-95 (SR 9) from Clark Road to SR 104 (Dunn Avenue) Resurfacing/ FDOT/Duval County \*SIS\*
  - **213469-3** – I-95 (SR 9) from SR 200 to Georgia State Line Resurfacing/FDOT/ Nassau County \*SIS\*
  - **427475-2** – I 95 (SR 9) from Duval CL to South of SR 200 (US 301) Resurfacing/ FDOT/Nassau County \*SIS\*
  - **210712-7** – SR A1A at CR 107 (Old Nassauville Road) Intersection Improvement Nassau County \*NON-SIS\*

Ms. Kutney asked for questions.

- Chris LeDew wanted to know the location of project #454751-1.

Ms. Kutney responded this project is located on East 59<sup>th</sup> Street west of Evergreen Avenue.

- Brett James wanted to know if additional roadway enhancements like bike lanes are looked at with these resurfacing projects.

Ms. Kutney responded it varies from project to project. Generally, the resurfacing projects are just that.

Mr. Sheffield responded FDOT has cut back on additional roadway enhancements due to funding constraints.

**Bill Killingsworth moved to approve the FDOT's request to amend the FY 2023/24 through FY 2027/28 Transportation Improvement Program (TIP); Steve Smith seconded; motion unanimously carried.**

**► C. FDOT REQUESTS AMENDING THE TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR FY 2024/25 – FY 2028/29 TO INCLUDE PROJECTS IN THE ROLL FORWARD REPORT**

Victoria Kutney presented the following amendment to the Transportation Improvement Program (TIP) for FY 2024/25 – FY 2028/29 to include projects in the Roll Forward report.

The amendment represents those projects, or phases of projects, which were approved in the FY 2023/24 – FY 2027/28 TIP that were not authorized or begun prior to the beginning of the new fiscal year on July 1, 2024. These projects are then “Rolled Forward” into the first year of the new FY 2024/25 – FY 2028/29 TIP.

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

**Dick D’Souza moved to approve the FDOT’s request to amend the FY 2024/25 through FY 2028/29 Transportation Improvement Program (TIP) to include projects in the Roll Forward report; Steve Smith seconded; motion unanimously carried.**

**► D. URBAN AREA BOUNDARY AND FUNCTIONAL CLASSIFICATION MAPS**

Jeff Sheffield requests approval of the FHWA adjusted Urban Area Boundary and Functional Classification maps.

At the December meetings, the process for updating the Urban Boundary and Functional Classification for the State of Florida was presented. FDOT coordinated with FHWA, the North Florida TPO and local agency partners to review changes to the urban area boundaries and functional classifications. After meeting with local partners, suggested modifications to the urban area boundaries and adjustments in classifications were addressed.

Mr. Sheffield asked for questions.

- Dodie Selig pointed out that Asbury Lake should be Lake Asbury.

Mr. Sheffield responded if we can make that edit we will; however, it is correct on the final map.

**Dodie Selig moved to approve authorization for staff to sign the TPO boundary map and the seven urban area maps; Bill Killingsworth seconded; motion unanimously carried.**

**E. UPDATED PROCESS FOR THE ANNUAL LIST OF PRIORITY PROJECTS (LOPP)**

Thalia Fuste gave a brief presentation on the updated process for the annual List of Priority Projects (LOPP).

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



**F. 2055 FLORIDA TRANSPORTATION PLAN UPDATE (FTP) PRESENTATION**

Achaia Brown of FDOT gave a brief presentation on the 2055 Florida Transportation Plan update. FDOT will hold two workshops on the FTP. The first workshop will be September 18 at FDOT's Training Center on Edison Avenue from 1-3 p.m. with a virtual option. The second workshop will be in March 2025.

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

**G. LONG RANGE TRANSPORTATION PLAN (LRTP) UPDATE**

Wiley Page of Atkins Realis gave a brief update on the LRTP.

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

**H. SMART NORTH FLORIDA UPDATE**

Clayton Levins gave the following update.

- Trainfo will give a brief presentation at next month's meeting.

Continuing to see opportunities to expand this program state-wide. A pilot is being done at the main gate at Blount Island terminal.

- Robotics – Nassau County procured Robotics to do a 20-year pavement management plan. They are developing an RFP to do this again. Language will be included in the contract for small towns and rural counties to piggyback.
- FDOT is doing a transportation summit on August 22 and asked us to participate to highlight a few of these pilot programs.
- Next week, a lidar product will be used for a 13-mile segment of I-75 for FDOT that will assess risk factors, such as tree height, weather conditions, vegetation, etc. to develop a model.
- FDOT has asked about technology to determine how many cubic feet of debris is on the road after a storm and how many trucks are needed to remove the debris. A drone and camera team along with an AI solution will do a volume metrics assessment in Madison County.

**I. OLD BUSINESS**

- June 13, 2024 North Florida TPO Meeting Report

**J. NEW BUSINESS**

Jeff Sheffield informed the group the contract with Urban SDK will expire in January. If anyone has an interest to explore this resource, you will have access until January.

**K. PUBLIC COMMENT**

**L. ADJOURNMENT**

There being no further business, the meeting was adjourned at 10:44 a.m. The next TAC meeting will be September 4, 2024.

# **Agenda Item B.**

**Minutes of September 4, 2024 Meeting**

***Action Item***



**TECHNICAL ADVISORY COMMITTEE**  
**MEETING SUMMARY**

Wednesday, September 4, 2024 - 10 a.m.

**MEMBERS PRESENT:**

Robert Companion, Nassau County Planning Dept., **CHAIRMAN**  
Jason Sparks, City of St. Augustine Beach, **VICE CHAIR**  
Doug Conkey, St. Johns County Water Mgmt. District  
Mike Daniels, City of Green Cove Springs Planning Dept.  
Dick D'Souza, St. Johns County Planning Dept.  
Chris LeDew, COJ Public Works Dept.  
Sean Lynch, Mayor - Town of Baldwin  
Mark McManus, U.S. Navy  
Colin Moore, City of Neptune Beach  
Jeremy Norsworthy, JTA  
Xavier Pellicer, City of St. Augustine (for Reuben Franklin)  
Justin Ryan, JAXPORT  
Richard Smith, Clay County Engineering & Public Works Dept.  
Soliman Salem, City of Jacksonville Planning Dept. (for Brett James)  
Ashley Shorter, JAA  
Justin Taylor, Nassau County Ocean Hwy. & Port Authority

**MEMBERS ABSENT:**

Elizabeth Backe, Nassau County Planning Dept.  
Garrett Cox, City of Keystone Heights  
Michael Grunewald, St. Johns County Public Works Dept.  
Bill Killingsworth, City of Atlantic Beach  
Victoria Kutney, Florida Department of Transportation  
Dave McKee, JEA  
Elizabeth Payne, Northeast Florida Regional Council  
Christian Popoli, Jacksonville Beach Planning Dept.  
Sean Rush, CareerSource  
Dodie Selig, Clay County Planning Dept.  
Steve Smith, Town of Orange Park

**OTHERS PRESENT:**

April Bacchus, ETM  
Mark Manwell, ETM  
Clayton Levins, SNF  
Talley Roberts, HDR  
Andrew Avent, Nassau County  
Shawn Barnett, ETM

Denise Medrano, City of St. Augustine  
William Burk, HDR  
Eric Houston, JTA  
Adam Storm, FDOT/Atkins Realis

**TPO STAFF PRESENT:**

Jeff Sheffield, Executive Director  
Elizabeth De Jesus, Transportation Programs Manager  
Thalia Fuste, Transportation Planner  
Clark Letter, Director Planning and Analytics (via Zoom)  
Jennifer Lott, Executive Assistant

**CALL TO ORDER**

Chairman Companion welcomed everyone and called the Technical Advisory Committee meeting to order at 10:08 a.m. Introductions were made around the room.

**PUBLIC COMMENT**

None at this time.

▶ **A. APPROVE THE AUGUST 7, 2024 MEETING MINUTES**

*Deferred due to the absence of a quorum.*

**B. LONG RANGE TRANSPORTATION PLAN (LRTP) UPDATE**

Clark Letter gave an update on the Cost Feasible Plan. This item will be brought before the Board next month for approval.

Mr. Letter asked for questions.

- Doug Conkey wanted to know if the TPO staff has the ability to rank the projects and determine which ones get funded.

Mr. Sheffield responded that the projects are not ranked. Only the projects on the LOPP can move into the LRTP to be eligible for funding.

- Doug Conkey commented, per the surveys, citizens have indicated they wanted to see public transportation expanded. Mr. Conkey would like to see specifics related to this. For example, specific areas of town, widening roadways to add lanes, constructing new roads, etc.

Mr. Sheffield responded that the survey responses have shown the citizens are very interested in commuter rail.

- Doug Conkey commented he would like to know about the capacity of the current funding sources before he would agree to an increase in taxes.
- Xavier Pellicer wanted to know the status of SR 312 as it relates to the LRTP.

Mr. Sheffield responded this project is in the LRTP; however, it has shifted within the county's priority list.

Mr. Letter responded SR 312 was not included in the TPO's LOPP based on it's ranking in the St. Johns County's list of priorities transmitted to the TPO. It is not included in the LRTP Cost Feasible plan; however, it is in the Needs Plan to ensure it is eligible should any funds become available through grants or other funding sources.

### **C. TRAINFO PRESENTATION**

Adam Storm of FDOT/Atkins Realis gave a brief presentation of Trainfo's pilot project on the Southbank.

Mr. Storm asked for questions.

- Xavier Pellicer commented he understands a 5 to 20 minute delay with a train blocking the roadway; however, he cannot fathom a train blocking a roadway for 60 minutes.

Mr. Storm responded on Atlantic Blvd the trains wait to enter the rail yard and have blocked the roadway for over an hour. Trains on the Southbank have blocked the roadway for more than three hours in some instances.

- Colin Moore wanted to know if any data has been used to do an economic analysis for alternatives.

Mr. Storm responded the vendor is working on something related to freight, but he does not have any details. FDOT District 3 is also working on a project to look at that.

- Mayor Lynch wanted to know if US 90 would be added to the project.

Mr. Storm responded there is a project advertising soon that will be addressing some downtown Baldwin issues that will include technology. FDOT will probably push for train detection alerts and beacons to be included.

- Mayor Lynch commented he has spoken to FDOT many times about adding more signage. He is also working with CSX to put up a sign alerting drivers there is a train present, how long it will be there, and to choose an alternate route.

- Doug Conkey wanted to know if a conversation with the railroads to see what they can do on their end to come to solve this issue is a possibility.

Mr. Storm responded we have met with CSX and they are receiving pressure from the FRA related to safety. CSX wants to identify problems they have and analyze them before committing to next steps.

- Doug Conkey commented this technology would be very beneficial to emergency management services.

#### **D. POST STORM IMPACT ASSESSMENT PILOT PROJECT PRESENTATION**

Shawn Barnett of ETM presented the post storm impact assessment pilot project.

Mr. Barnett asked for questions.

- Justin Ryan wanted to know if there is future potential for the system to be automated to generate cost estimates.

Mr. Barnett responded we would need to provide the information to FDOT so they can plug the numbers into their calculations.

- Jason Sparks asked when using this technology if ETM encountered any challenges with assessing the amount of sediment material needed to be removed beneath the water's surface.

Mr. Barnett responded typical red lidar reflects on the water and would not work for this purpose. Green lidar penetrates with limitations. A drone with this capability costs between \$700,000 - \$800,000.

- Doug Conkey asked if issues could be fixed while you are assessing a situation.

Mr. Barnett responded when you are looking for stormwater, runoff, etc. the technology could be used to identify areas that need to be addressed.

#### **E. SMART NORTH FLORIDA UPDATE**

#### **F. OLD BUSINESS**

- Jeff Sheffield reminded the group that he needs their county's signatures on the boundary maps before October.

#### **G. NEW BUSINESS**

#### **H. PUBLIC COMMENT**

**I. ADJOURNMENT**

There being no further business, the meeting was adjourned at 11:10 a.m. The next TAC meeting will be October 2, 2024.



# **Agenda Item C.**

**FDOT Requests Amending the FY 2024/25 –  
FY 2028/29 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 13, 2024

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 2024/25 – FY 2028/29**

Dear Elizabeth:

The Florida Department of Transportation (FDOT) requests Board approval for an amendment to the Transportation Improvement Program (TIP) for FY 2024/25 through FY 2028/29. 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:

**404020-2      JTA 5307 Capital Operations Mass Transit  
Capital for Fixed Route/ /Jacksonville// Duval County**

**\*NON-SIS\***

<u>Fund</u>	<u>Phase</u>	<u>FY 2025</u>
FTA	CAP	\$12,000,000
LF	CAP	\$3,000,000

**208202-5      SR15 (US17) From Oak Street To Black Creek  
Resurfacing/ /FDOT// Clay County**

**\*SIS\***

<u>Fund</u>	<u>Phase</u>	<u>FY 2025</u>
SA	RRU	\$500,000

The following are termini change projects:

**209443-4 SR228(Post St) At SR129(McDuff Ave) Roundabout  
Rail Safety Project/ /FDOT// Duval County**

**\*NON-SIS\***

<u>Fund</u>	<u>Phase</u>	<u>FY 2025</u>
CARU	CST	\$2,457,762
CM	CST	\$338,738
DDR	CST	\$2,756,726
DIH	CST	\$112,239
DS	CST	\$700,000

If you have any questions about this project or this amendment request, please call me at (904) 360.5668.

Sincerely,

*Victoria Kutney*

Victoria Kutney  
North Florida TPO Liaison  
FDOT District Two

cc: Achaia Brown

# **Agenda Item D.**

**Resolution Adopting Performance Targets for  
Transit Safety for Sunshine Bus Company**

***Action Item***



## MEMORANDUM

**To:** TPO Board, Citizens and Technical Advisory Committee Members

**From:** Clark Letter, Director of Planning and Analytics

**Date:** October 10, 2024

**Subject:** **Adopting Transit Safety Performance Targets for St. Johns County/Sunshine Bus**

The Federal Transit Administration (FTA) has established requirements through 49 CFR 673 for Public Transportation Agency Safety Plans (PTASP) and related performance measures as authorized by the Moving Ahead for Progress in the 21st Century Act (MAP-21). This rule requires certain operators of public transportation systems that receive federal financial assistance under 49 U.S.C. Chapter 53 to develop and implement PTASP based on a Safety Management Systems (SMS) approach. FTA defines the following Transit Safety Performance Targets:

Performance Measure	Description
<b>Fatalities</b>	Total number of reportable fatalities and rate per total vehicle revenue miles by mode
<b>Injuries</b>	Total number of reportable injuries and rate per total vehicle revenue miles by mode.
<b>Safety Events</b>	Total number of reportable events and rate per total vehicle revenue miles by mode.
<b>System Reliability</b>	Mean distance between major mechanical failures by mode

Public Transportation Providers are required to update their Transit Safety Performance targets annually. MPOs are required to update Transit Safety Performance targets with every LRTP update. St. Johns County/Sunshine Bus targets are presented in the resolution on the following page.



**RESOLUTION 2024-5  
ADOPTING NATIONAL TRANSIT SAFETY TARGETS FOR THE ST. JOHNS COUNTY –  
SUNSHINE BUS**

**WHEREAS**, St. Johns County is the Direct Recipient of Federal Transit Administration funding for the St. Augustine Urban Area funding the Sunshine Bus Company, public transit service provided by the St. Johns County Council on Aging; and

**WHEREAS**, as required by 49 CFR part 673, for Calendar Year 2024 St. Johns County adopted transit safety performance targets for the Sunshine Bus Company for number of fatalities, number of fatalities per 100,000 (100k) vehicle road miles (VRM), injuries, injuries per 100k VRM, safety events, safety events per 100k VRM and system reliability; and

**WHEREAS**, these targets were approved by St. Johns County Commission with the approval of the Public Agency Safety Plan and approved by the Florida Department of Transportation; and

**WHEREAS**, the North Florida TPO is also required to adopt performance targets for these measures concurrent with the adoption of the LRTP; and

**NOW, THEREFORE, BE IT RESOLVED** that the North Florida TPO adopts the following transit safety targets for the Sunshine Bus Company adopted by the St. Johns County Commission and approved by the Florida Department of Transportation.

<b>St. Johns County/Sunshine Bus Safety Performance Targets</b>							
	Fatalities (total)	Fatalities (rate)	Injuries (total)	Injuries (rate)	Safety Events (total)	Safety Events (rate)	System Reliability
Fixed Route Bus	0	0	5	0.5	10	0.9	0.5
Paratransit	0	0	8	1.04	5	0.65	0.75

Adopted by the North Florida Transportation Planning Organization in regular meeting assembled in the City of Jacksonville the 10th day of October 2024.

**ATTEST:**

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**The Honorable Christian Whitehurst, Chairman**

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**Jeff Sheffield, Executive Director**

# **Agenda Item E.**

**Resolution Adopting Performance Targets for  
Transit Asset Management for Sunshine Bus  
Company**

***Action Item***





## MEMORANDUM

**To:** TPO Board, Citizens and Technical Advisory Committee Members

**From:** Clark Letter, Director of Planning and Analytics

**Date:** October 10, 2024

**Subject:** **Adopting Transit Asset Management Targets for St. Johns County/Sunshine Bus**

The Federal Transit Administration (FTA) Transit Asset Management rule applies to all recipients and subrecipients of federal transit funding that own, operate, or manage public transportation capital assets. The rule defines State of Good Repair (SGR) performance measures and establishes requirements for Transit Asset Management (TAM) Plans and performance targets.

“State of good repair” is defined as the condition in which a capital asset is able to operate at a full level of performance. This means the asset is able to perform its designed function, does not pose a known unacceptable safety risk and lifecycle investment needs have been met or recovered. The following categories and performance measures are defined by FTA:

FTA Asset Category	Performance Measure
<b>Equipment</b> Non-revenue support-service and maintenance vehicles	Percentage of non-revenue vehicles that have met or exceeded their useful life benchmark (ULB)
<b>Rolling Stock</b> Revenue Vehicles	Percentage of revenue vehicles that have met or exceeded their ULB
<b>Infrastructure</b> Rail fixed-guideway	Percentage of track segments (by mode) with performance restriction
<b>Facilities</b> Buildings and structures	Percentage of facilities rated below condition 3 on the Transit Economic Requirement Model (TERM) scale

Public Transportation Providers are required to update their Transit Asset Management Plan every four years and state of good repair targets annually. MPOs are required to update Transit Asset Management targets with every LRTP update. St. Johns County/Sunshine Bus targets are presented in the resolution on the following page.



**RESOLUTION 2024-6  
ADOPTING THE ST. JOHNS COUNTY/SUNSHINE BUS  
2024 PERFORMANCE TARGETS FOR TRANSIT ASSET MANAGEMENT**

**WHEREAS**, in accordance with 23 CFR 450.306(d)

The metropolitan transportation planning process shall provide for the establishment and use of a performance based approach to transportation decision making to support the national goals described in 23 U.S.C. 150(b) and the general purposes described in 49 U.S.C. 5301 (c).

- (i) Each metropolitan planning organization shall establish performance targets that address the performance measures or standards established under 23 CFR part 490 (where applicable), 49 U.S.C. 5326(c), and 49 U.S.C. 5329(d) to use in tracking progress toward attainment of critical outcomes for the region of the metropolitan planning organization.
- (ii) The selection of targets that address performance measures described in 23 U.S.C. 150(c) shall be in accordance with the appropriate target setting framework established at 23 CFR part 490, and shall be coordinated with the relevant State(s) to ensure consistency, to the maximum extent practicable.
- (iii) Further specified the selection of performance targets that address performance measures described in 49 U.S.C. 5326(c) and 49 U.S.C. 5329(d) shall be coordinated, to the maximum extent practicable, with public transportation providers to ensure consistency with the performance targets that public transportation providers establish under 49 U.S.C. 5326(c) and 49 U.S.C. 5329(d).

**WHEREAS**, in accordance with 49 USC 625, St. Johns County/Sunshine Bus has adopted a Transit Asset Management Plan and transit asset management performance targets;

**NOW, THEREFORE, BE IT RESOLVED** that the North Florida Transportation Planning Organization approves and adopts the following St. Johns County/Sunshine Bus Transit Asset Management – State of Good Repair Targets:

Asset Category - Performance Measure	Asset Class	FY 2024 Target
Age - % of revenue vehicles within a particular asset class that have met or exceeded their ULB	Cutaway	57%
	Minivan	50%
	Van	22%
Age - % of non-revenue vehicles within a particular asset class that have met or exceeded their ULB	Trucks and other Rubber Tire Vehicles	0%
Condition - % of facilities with a condition rating below 3.0 on the FTA Transit Economic Requirements Model (TERM) Scale	Admin/Maintenance Facilities	0%

Adopted by the North Florida Transportation Planning Organization in regular meeting assembled in the City of Jacksonville the 10th day of October 2024.

**ATTEST:**

\_\_\_\_\_  
**The Honorable Christian Whitehurst, Chairman**

\_\_\_\_\_  
**Jeff Sheffield, Executive Director**

# **Agenda Item F.**

**Resolution Adopting Performance Targets for  
Transit Safety for JTA**

***Action Item***



## MEMORANDUM

**To:** TPO Board, Citizens and Technical Advisory Committee Members

**From:** Clark Letter, Director of Planning and Analytics

**Date:** October 10, 2024

**Subject:** **Adopting Transit Safety Performance Targets for the Jacksonville Transportation Authority**

The Federal Transit Administration (FTA) has established requirements through 49 CFR 673 for Public Transportation Agency Safety Plans (PTASP) and related performance measures as authorized by the Moving Ahead for Progress in the 21st Century Act (MAP-21). This rule requires certain operators of public transportation systems that receive federal financial assistance under 49 U.S.C. Chapter 53 to develop and implement PTASP based on a Safety Management Systems (SMS) approach. FTA defines the following Transit Safety Performance Targets:

Performance Measure	Description
<b>Fatalities</b>	Total number of reportable fatalities and rate per total vehicle revenue miles by mode
<b>Injuries</b>	Total number of reportable injuries and rate per total vehicle revenue miles by mode.
<b>Safety Events</b>	Total number of reportable events and rate per total vehicle revenue miles by mode.
<b>System Reliability</b>	Mean distance between major mechanical failures by mode

Public Transportation Providers are required to update their Transit Safety Performance targets annually. MPOs are required to update Transit Safety Performance targets with every LRTP update. JTA targets are presented in the resolution on the following page.



**RESOLUTION 2024-7  
ADOPTING NATIONAL TRANSIT SAFETY PERFORMANCE TARGETS  
FOR THE TRANSIT SERVICES PROVIDED BY THE  
JACKSONVILLE TRANSPORTATION AUTHORITY**

**WHEREAS**, as required by 49 CFR part 673, for Calendar Year 2024 the Jacksonville Transportation Authority adopted transit safety performance targets for number of fatalities, number of fatalities per 100,000 (100k) vehicle road miles (VRM), injuries, injuries per 100k VRM, safety events, safety events per 100k VRM and system reliability; and

**WHEREAS**, these targets were approved by the Jacksonville Transportation Authority in its Public Transportation Agency Safety Plan and approved by the Florida Department of Transportation; and

**WHEREAS**, the North Florida TPO is also required to adopt performance targets for these measures concurrent with the adoption of the LRTP; and

**NOW, THEREFORE, BE IT RESOLVED** that the North Florida TPO adopts the following transit safety targets adopted by the Jacksonville Transportation Authority and approved by the Florida Department of Transportation.

<b>Jacksonville Transportation Authority Safety Performance Targets</b>							
	Fatalities (total)	Fatalities (rate)	Injuries (total)	Injuries (rate)	Safety Events (total)	Safety Events (rate)	System Reliability
Fixed Route Bus	0	0	63	0.6	35	3.5	20,000 VRM
ADA/Paratransit	0	0	9	0.2	190	4	27,500 VRM
Rail	0	0	4	3	16	12	9,440 VRM
Ferry	0	0	1	NA	1	NA	NA

Adopted by the North Florida Transportation Planning Organization in regular meeting assembled in the City of Jacksonville the 10th day of October 2024.

**ATTEST:**

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**The Honorable Christian Whitehurst, Chairman**

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**Jeff Sheffield, Executive Director**

# **Agenda Item G.**

**Resolution Adopting Performance Targets for  
Transit Asset Management for JTA**

***Action Item***





## MEMORANDUM

**To:** TPO Board, Citizens and Technical Advisory Committee Members

**From:** Clark Letter, Director of Planning and Analytics

**Date:** October 10, 2024

**Subject:** **Adopting Transit Asset Management Targets for the Jacksonville Transportation Authority**

The Federal Transit Administration (FTA) Transit Asset Management rule applies to all recipients and subrecipients of federal transit funding that own, operate, or manage public transportation capital assets. The rule defines State of Good Repair (SGR) performance measures and establishes requirements for Transit Asset Management (TAM) Plans and performance targets.

“State of good repair” is defined as the condition in which a capital asset is able to operate at a full level of performance. This means the asset is able to perform its designed function, does not pose a known unacceptable safety risk and lifecycle investment needs have been met or recovered. The following categories and performance measures are defined by FTA:

FTA Asset Category	Performance Measure
<b>Equipment</b> Non-revenue support-service and maintenance vehicles	Percentage of non-revenue vehicles that have met or exceeded their useful life benchmark (ULB)
<b>Rolling Stock</b> Revenue Vehicles	Percentage of revenue vehicles that have met or exceeded their ULB
<b>Infrastructure</b> Rail fixed-guideway	Percentage of track segments (by mode) with performance restriction
<b>Facilities</b> Buildings and structures	Percentage of facilities rated below condition 3 on the Transit Economic Requirement Model (TERM) scale

Public Transportation Providers are required to update their Transit Asset Management Plan every four years and state of good repair targets annually. MPOs are required to update Transit Asset Management targets with every LRTP update. JTA targets are presented in the resolution on the following page.



**RESOLUTION 2024-8**  
**ADOPTING THE JACKSONVILLE TRANSPORTATION AUTHORITY'S 2024**  
**PERFORMANCE TARGETS FOR TRANSIT ASSET MANAGEMENT**

**WHEREAS**, in accordance with 23 CFR 450.306(d)

The metropolitan transportation planning process shall provide for the establishment and use of a performance based approach to transportation decision making to support the national goals described in 23 U.S.C. 150(b) and the general purposes described in 49 U.S.C. 5301 (c).

- (i) Each metropolitan planning organization shall establish performance targets that address the performance measures or standards established under 23 CFR part 490 (where applicable), 49 U.S.C. 5326(c), and 49 U.S.C. 5329(d) to use in tracking progress toward attainment of critical outcomes for the region of the metropolitan planning organization.
- (ii) The selection of targets that address performance measures described in 23 U.S.C. 150(c) shall be in accordance with the appropriate target setting framework established at 23 CFR part 490, and shall be coordinated with the relevant State(s) to ensure consistency, to the maximum extent practicable.
- (iii) Further specified the selection of performance targets that address performance measures described in 49 U.S.C. 5326(c) and 49 U.S.C. 5329(d) shall be coordinated, to the maximum extent practicable, with public transportation providers to ensure consistency with the performance targets that public transportation providers establish under 49 U.S.C. 5326(c) and 49 U.S.C. 5329(d).

**WHEREAS**, in accordance with 49 USC 625 the Jacksonville Transportation Authority has adopted a Transit Asset Management Plan and transit asset management performance targets;

**NOW, THEREFORE, BE IT RESOLVED** that the North Florida Transportation Planning Organization approves and adopts the following Jacksonville Transportation Authority Transit Asset Management – State of Good Repair Targets:

Asset Category - Performance Measure	Asset Class	FY 2024 Target
Age - % of revenue vehicles within a particular asset class that have met or exceeded their ULB	Buses (JTA/CC)	27%
	Cutaways (JTA/CC)	73%
	Vans (JTA/CC)	10%
	Automated Guideway Vehicle	67%
	Ferryboat	0%
Age - % of non-revenue vehicles within a particular asset class that have met or exceeded their ULB	Automobile	100%
	Trucks and other Rubber Tire Vehicles	83%
	SUVs	81%
	Trucks	83%
	Vans	100%%
% of track segments with performance restrictions	Boats	100%%
	Rail Fixed Guideway	0%
Condition - % of facilities with a condition rating below 3.0 on the FTA Transit Economic Requirements Model (TERM) Scale	Admin/Maintenance Facilities	0%
	Passenger Parking Facilities	3%
	Passenger Facilities	0%
	Parking Facilities	4%

Adopted by the North Florida Transportation Planning Organization in regular meeting assembled in the City of Jacksonville the 10th day of October 2024.

**ATTEST:**

\_\_\_\_\_  
**The Honorable Christian Whitehurst, Chairman**

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**Jeff Sheffield, Executive Director**

# **Agenda Item H.**

**Approval of the 2050 Long Range Transportation Plan (LRTP) Cost Feasible Plan**

***Action Item***



## MEMORANDUM

**To:** TPO Board, Citizens and Technical Advisory Committee Members  
**From:** Clark Letter, Director of Planning and Analytics  
**Date:** October 10, 2024  
**Subject:** **Adoption of the 2050 Cost Feasible Plan**

Thank you for your support in development of the North Florida TPO's 2050 Long Range Transportation Plan (LRTP). At today's meeting you will be asked to approve the 2050 Cost Feasible Plan that will guide the investment decisions of the TPO and its partners. The 2050 draft Cost Feasible Plan was presented at the September meeting for review and comment. A steering committee meeting was held on September 25<sup>th</sup> to address additional comments and questions. The summary report and technical documents were updated and posted to the LRTP website for any final comment.

Approval of the Cost Feasible Plan will complete adoption of the 2050 Long Range Transportation Plan. The TPO will have 90 days to complete any supporting documentation following adoption. The updated Travel Demand Model and related training will be made available in early 2025.

# North Florida TPO Meeting Report



## Meeting Agenda

Thursday, September 12, 2024

10 a.m.

Call to Order

Pledge of Allegiance

Introductions

Public Comment

1. North Florida TPO Minutes of June 13, 2024

**APPROVED**

## TPO Agenda

A. Finance Committee Report

Information  
Only

- June Monthly Financial Statement
- July Monthly Financial Statement

B. FDOT Requests Amending the Transportation Improvement Program (TIP) for FY 2024/25 – FY 2028/29 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 2023/24 – FY 2027/28 TIP but were authorized or begun prior to July 1, 2024. These projects then “Roll Forward” into the first year of the new FY 2024/25 – FY 2028/29 TIP. A copy of the request is included in Section B.

C. Urban Area Coordination Agreement with River to Sea TPO – **Board Approved**

**ACTION ITEM**

A copy of the agreement is included in Section C.

D. Urban Area Boundary and Functional Classification Maps – **Board Approved**

**ACTION ITEM**  
**TAC and CAC**  
**Approved**

Based on the 2020 Census Bureau update, FDOT has updated the urban area boundaries and functional classification of the roadways within the TPO area.

- E. Updated Process for the Annual List of Priority Projects (LOPP)** Information Only  
 The LOPP identifies potential projects to be funded in the FDOT Tentative Work Program. Staff will provide an update on the process related to the Transportation Alternatives Program and Sun Trail priorities.
  
- F. Long Range Transportation Plan (LRTP) Update** Information Only  
 Wiley Page of Atkins Realis will give a brief update on the LRTP Cost-Feasible Plan.
  
- G. Smart North Florida** Information Only
  - **Trainfo Presentation** - Adam Storm of FDOT will give a brief presentation.
  - **Post Storm Impact Assessment Pilot Project Presentation** – Shawn Barnett of ETM will give a brief presentation.
  
- H. Executive Director’s Report** Information Only
  
- I. Secretary of Transportation’s Report** Information Only
  
- J. Authority Reports** Information Only
  
- K. Old Business**
  
- L. New Business**
  - Bylaws Committee
  
- M. Public Comment**
  
- N. Adjourn**
  
- O. Information**
  - Status Report of FDOT Projects in the North Florida TPO area

**The next meeting will be October 10, 2024**

**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.