



Technical Advisory Committee
Agenda Book

10:00 am
Wednesday, February 7, 2024

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



Technical Advisory Committee
Meeting Agenda
Wednesday, February 7, 2024
10 a.m.

Call to Order
Introductions
Public Comment

Agenda

A. December 6, 2023 Minutes **ACTION ITEM**

These minutes are ready to review and approve.

**B. FDOT Requests Amending the FY 2023/24 through FY 2027/28
Transportation Improvement Program (TIP)** **ACTION ITEM**

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

- **452488-1** – 5310 Operating – Jacksonville UZA – The ARC of Jacksonville, Inc. Operating for Fixed Route – Duval County *NON-SIS*
- **452554-2** – 5310 District Capital – Jacksonville UZA – JTA Capital for Fixed Route – Duval County *NON-SIS*

C. Resolution Adopting 2024 Safety Performance Targets **ACTION ITEM**

Resolution is included in Section C.

**D. Resolution Endorsing the Jacksonville Transportation Authority’s (JTA)
2024 Performance Targets for Transit Asset Management** **ACTION ITEM**

The targets for JTA are included in Section D.

E. DRAFT 2024 List of Priority Projects (LOPP) **Information Only**

The draft 2024 LOPP identifies potential projects to be funded in the FDOT Tentative Work Program for FY 2024/25 through FY 2028/29. A draft will be presented at the meeting. Approval will be requested at the March meeting.

F. DRAFT Requested Studies for FY 2024/25 – FY 2025/26 Unified Planning Work Program (UPWP)

Information
Only

A draft list of requested studies is included in Section F.

G. Long Range Transportation Plan Update

Information
Only

Wiley Page of Atkins will give a brief update on the Long Range Transportation Plan.

H. Regional Alternative Fuel/Infrastructure Master Plan Presentation

Information
Only

Ben Moore of RS&H will give a brief presentation on the Regional Alternative Fuel/Infrastructure Master Plan.

I. Smart North Florida Update

Information
Only

J. Old Business

- December 14, 2023 North Florida TPO Meeting Report
- Federal Certification Update

K. New Business

L. Public Comment

M. Adjournment

The next meeting will be March 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 December 6, 2023 Meeting

Action Item



TECHNICAL ADVISORY COMMITTEE
MEETING SUMMARY

Wednesday, December 6, 2023 - 10 a.m.

MEMBERS PRESENT:

Bill Killingsworth, City of Atlantic Beach, **CHAIRMAN**
Taylor Abernathy, Clay County Engineering Dept.
Robert Companion, Nassau County Planning Dept., **VICE CHAIR**
Mike Daniels, City of Green Cove Springs Planning Dept.
Reuben Franklin, City of St. Augustine
Heather Ireland, Jacksonville Beach Planning Dept.
Dave Kaufman, Nassau County Ocean Hwy. & Port Authority (for Justin Taylor)
Victoria Kutney, Florida Department of Transportation
Chris LeDew, COJ Public Works Dept.
Dave McKee, JEA
Mark McManus, U.S. Navy
Jeremy Norsworthy, JTA
Elizabeth Payne, Northeast Florida Regional Council
Lynn Rutkowski, City of Keystone Heights
Justin Ryan, JAXPORT
Laurie Santana, City of Jacksonville Planning Dept.
Ashley Shorter, JAA (for Lauren Scott)
Steve Smith, Town of Orange Park
Jason Sparks, City of St. Augustine Beach
Jan Trantham, St. Johns County Planning Dept. (for Dick D'Souza)

MEMBERS ABSENT:

Elizabeth Backe, Nassau County Planning Dept.
Clint Lynch, St. Johns County Public Works Dept.
Sean Lynch, Mayor - Town of Baldwin
Colin Moore, City of Neptune Beach
Sean Rush, CareerSource
Dodie Selig, Clay County Planning Dept. (for Ed Lehman)
Richard Smith, Clay County Engineering & Public Works Dept.
Jaime Topp, St. Johns County Airport Authority

OTHERS PRESENT:

Doug Conkey, SJRWMD
Hillary Laskey, FDOT
April Bacchus, ETM
Clayton Levins, SNF
Rebecca Dennis, ETM

Rodney Cooper, ETM
Mark Manwell, ETM
Andrew Avent, Nassau County
George Murray, Nassau County
Matt Fall, City of Jacksonville
Garrett Cox, City of Keystone Heights
Terry Shaw, Kimley-Horn
Brandon Orr, Urban SDK
Andrew Larter, Urban SDK

TPO STAFF PRESENT:

Jeff Sheffield, Executive Director
Clark Letter – Director, Planning and Analytics
Milton Locklear, Transportation Planner/Modeling Specialist
Jennifer Lott, Executive Assistant

CALL TO ORDER

Chairman Killingsworth welcomed everyone and called the Technical Advisory Committee meeting to order at 10:07 a.m. Introductions were made around the room.

PUBLIC COMMENT

None at this time.

► **A. APPROVE THE NOVEMBER 1, 2023 MEETING MINUTES**

Chairman Killingsworth asked that the November Technical Advisory Committee meeting minutes be approved.

Robert Companion moved to approve the November 1, 2023 meeting minutes; Reuben Franklin seconded; motion unanimously carried.

► **B. ELECTING OFFICERS**

Chairman Killingsworth opened the floor for nominations for Chairman. Stephen Smith nominated Robert Companion, who accepted the nomination. The Chair asked for any other nominations. Seeing none, **Chairman Killingsworth moved to close the nominations for Chairman; seconded by Reuben Franklin; motion unanimously carried. Robert Companion will be the 2024 TAC Chairman.**

Chairman Killingsworth opened the floor for nominations for Vice Chairman. Reuben Franklin nominated Jason Sparks, who accepted the nomination. The Chair asked for any other nominations. Seeing none, **Chairman Killingsworth moved to close the nominations for Vice Chairman; seconded by Reuben Franklin; motion unanimously carried. Jason Sparks will be the 2024 TAC Vice Chairman.**

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

Victoria Kutney presented the following amendments to the Transportation Improvement Program for FY 2023/24 through FY 2027/28.

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

- **437728-4** – SR 13 (San Jose Blvd.) at I-295 (SR 9A) NB On-Ramp Interchange Interchange Improvement – Duval County *NON-SIS*
- ~~**429931-2** – SR A1A (Coastal Hwy.) from South of Beachcomber Way to Sand Castle Lane – Bike Path – St. Johns County~~
****This project was approved in October.***
- **437428-1** – SR 5A (US 1) (King St.) Over San Sebastian River Bridge No. 780003 – Bridge Replacement – St. Johns County *NON-SIS*

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

Justin Ryan moved to approve the FDOT’s request to amend the FY 2023/24 through FY 2027/28 Transportation Improvement (TIP); Reuben Franklin seconded; motion unanimously carried.

D. PEDESTRIAN AND BICYCLE LEVEL OF TRAFFIC STRESS

Brandon Orr of Urban SDK gave a brief presentation on Pedestrian and Bicycle Level of Stress.

Mr. Orr asked for questions.

- Dave McKee wanted to know if the data will allow you to evaluate changes in the index based on time of day or day of the week.

Mr. Orr responded in the study we used the adopted FDOT methodology for Level of Traffic Stress (LTS) which does not consider these variables. The methodology could be modified to consider time of day or day of week, however, that would deviate from FDOT’s adopted methodology.

- Jason Sparks wanted to know how this data could be used to help support a funding application for a capacity improvement in an area with a high LTS.

Mr. Orr responded the LTS could be used as a performance measure to demonstrate a deficiency in current bicycle or pedestrian facilities. This would help justify the need for funding to address these needs.

- Chris LeDew commented he feels this is very promising. The City of Jacksonville looks for opportunities based on when a resurfacing project or construction

project comes up to tag on bike facilities. This would allow us to improve coordination between the different agencies and the counties.

- Reuben Franklin commented this shows a lot of promise from a planning and technical perspective.

E. SMART NORTH FLORIDA UPDATE

Clayton Levins gave the following update.

- Truck parking on the shoulder of the roadways is a huge problem. Conducted a two-month study on a half mile stretch of northbound US 301 with MODI. This study showed a unique solution using computer vision to identify trucks, along with several variables.
- Deploying a Naviator drone with FDOT next week to verify its capabilities. This drone operates in and out of the water and could potentially be used for bridge inspections.
- Jason Sparks commented we are exploring the use of these type of drones to inspect box culverts, pond berms, etc. One thing we noticed is the visibility and the quality of the water is a factor.

Mr. Sheffield responded this drone operates with sonar for that exact reason.

F. OLD BUSINESS

- **LOPP Update** – Clark Letter reminded the group to coordinate with their county commission/city council regarding priority projects for their county. We anticipate bringing this before the Board and committees for adoption in March.
- **UPWP Update** – Last month we asked for submissions for requested studies. If you have not yet done so, please submit those study requests as soon as possible. A draft list will be presented at the February meeting with approval in March.

G. NEW BUSINESS

- **Federal Certification Update** – Jeff Sheffield informed the group the TPO's federal certification will take place in May. Staff may reach out to some of you to participate in terms of providing input on how we execute our processes, etc.
- **Transportation Funding** – There are no surplus funds for transportation. Moving Florida Forward, a state-wide initiative, totaling \$7 billion for infrastructure projects has a \$3 billion shortfall. FDOT's Work Program has been modified to cover the shortfall. In District 2, I-95 from the Fuller Warren Bridge to the International Golf Parkway has been impacted. There are also 30% cuts in maintenance in every district and federal programs formulated to our area have

been pulled back to FDOT's Central Office. We have the benefit of a great partnership with FDOT to begin to strategize how to continue moving phases of these projects forward.

The State of Florida is opting out of the Carbon Reduction Program. The projects that we have programmed under this program will be impacted.

H. PUBLIC COMMENT

I. ADJOURNMENT

There being no further business, the meeting was adjourned at 11:09 a.m. The next TAC meeting will be February 7, 2024.

Agenda Item B.

**FDOT Requests Amending the FY 2023/24 –
FY 2027/28 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

January 18, 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 2023/24 – FY 2027/28

Dear Elizabeth:

The Florida Department of Transportation (FDOT) requests Board approval for an amendment to the Transportation Improvement Program (TIP) for FY 2023/24 through FY 2027/28. Please add the following TIP Amendment requests for action by the TPO Board at their February 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:

**452488-1 5310 Operating- Jacksonville UZA- The ARC of Jacksonville, Inc.
Operating For Fixed Route- Duval County *NON-SIS***

<u>Fund</u>	<u>Phase</u>	<u>FY 2024</u>
DU	OPS	\$221,903
LF	OPS	\$221,903

**452554-2 5310 District Capital- Jacksonville UZA-JTA
Capital For Fixed Route- Duval County *NON-SIS***

<u>Fund</u>	<u>Phase</u>	<u>FY 2024</u>
DPTO	CAP	\$30,574
DU	CAP	\$244,592
LF	CAP	\$30,574

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 C.

Resolution Adopting 2024 Safety Performance Targets

Action Item



**RESOLUTION 2024-1
ADOPTING SAFETY PERFORMANCE TARGETS**

WHEREAS, as required by 23 CFR 490, for Calendar Year 2024 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 2024 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 February 2024.

ATTEST:

The Honorable Christian Whitehurst, Chairman

Jeff Sheffield, Executive Director

Agenda Item D.

**Resolution Endorsing the Jacksonville
Transportation Authority's (JTA) 2024
Performance Targets for Transit Asset
Management**

Action Item



**RESOLUTION 2024-2
 ENDORSING JACKSONVILLE TRANSPORTATION AUTHORITY (JTA) STATE OF
 GOOD REPAIR (SGR) TARGETS**

WHEREAS, in accordance with the Moving Ahead for Progress in the 21st Century (MAP-21) Act, Fixing America’s Surface Transportation (FAST), and the Transit Asset Management Final Rule, JTA seeks the North Florida Transportation Planning Organization’s concurrence with the compiled SGR Targets.

NOW, THEREFORE, BE IT RESOLVED THAT the North Florida TPO endorses the JTA’s SGR targets as follows:

Category		Performance Target	Performance Measure
Equipment	Automobile	100%	% of non-revenue service vehicles exceeds UL of 4yrs or 100,000 miles
	Trucks and other Rubber Tire Vehicles	83%	% of non-revenue service vehicles exceeds UL of 4yrs or 100,000 miles
	SUVs	81%	% of non-revenue service vehicles exceeds UL of 4yrs or 100,000 miles
	Trucks	83%	% of non-revenue service vehicles exceeds UL of 4yrs or 100,000 miles
	Vans	100%	% of non-revenue service vehicles exceeds UL of 4yrs or 100,000 miles
	Boats	100%	% of non-revenue service vehicles exceeds UL of 18yrs
Rolling Stock	Buses (JTA/CC)	27%	% of fleet exceeds UL of 12 yrs or 500,000 miles
	Cutaways (JTA/CC)	73%	% of fleet exceeds UL of 5 yrs or 150,000 miles
	Vans (JTA/CC)	10%	% of fleet exceeds UL of 4 yrs or 100,000 miles
	Automated Guideway Vehicle	67%	% of fleet exceeds UL of 25 yrs
	Ferryboat	0%	% of fleet exceeds UL of 25 yrs
Infrastructure	Rail Fixed Guideway	8%	% of track segments under performance restriction
Facilities	Admin/Maintenance Facilities	0%	% of facilities rated under 3.0 on TERM scale
	Passenger/Parking Facilities	3%	% of facilities rated under 3.0 on TERM scale
	Passenger Facilities	0%	% of facilities rated under 3.0 on TERM scale
	Parking Facilities	4%	% of facilities rated under 3.0 on TERM scale

Adopted by the North Florida Transportation Planning Organization in regular meeting assembled in the City of Jacksonville the 8th day of February 2024.

ATTEST:

The Honorable Christian Whitehurst, Chairman

Jeff Sheffield, Executive Director

Memo

To: Jeff Sheffield
Executive Director, North Florida TPO

From: Nathaniel P. Ford, Sr.
Chief Executive Officer, JTA

Date: January 1, 2024

Subject: State of Good Repairs (SGR) Targets

The Jacksonville Transportation Authority (JTA) has compiled the State of Good Repair (SGR) Targets, attached, for the Fiscal Year 2024.

In accordance with the Moving Ahead for Progress in the 21st Century (MAP-21) Act, Fixing America's Surface Transportation (FAST), and the Transit Asset Management Final Rule, JTA seeks the North Florida Transportation Planning Organization's concurrence with the compiled SGR Targets.

Thank you for your time and assistance on this matter, and please do not hesitate to contact the JTA if you have any questions.

Category		FY 23 Target*	FY 23 Actual*	FY 23 Calc SGR	FY 24 Proj SGR	Performance Target*	Performance Measure
Equipment	Automobile	100%	100%	0%	0%	100%	% of non-revenue service vehicles exceeds UL of 4yrs or 100,000 miles
	Trucks and other Rubber Tire Vehicles	58%	58%	44%	17%	83%	% of non-revenue service vehicles exceeds UL of 4yrs or 100,000 miles
	SUVs	41%	41%	59%	19%	81%	% of non-revenue service vehicles exceeds UL of 4yrs or 100,000 miles
	Trucks	76%	76%	30%	17%	83%	% of non-revenue service vehicles exceeds UL of 4yrs or 100,000 miles
	Vans	100%	100%	0%	0%	100%	% of non-revenue service vehicles exceeds UL of 4yrs or 100,000 miles
	Boats	100%	100%	0%	0%	100%	% of non-revenue service vehicles exceeds UL of 18yrs
Rolling Stock	Buses (JTA/CC)	18%	19%	81%	73%	27%	% of fleet exceeds UL of 12 yrs or 500,000 miles
	Cutaways (JTA/CC)	67%	75%	25%	27%	73%	% of fleet exceeds UL of 5 yrs or 150,000 miles
	Vans (JTA/CC)	25%	25%	82%	90%	10%	% of fleet exceeds UL of 4 yrs or 100,000 miles
	Automated Guideway Vehicle	0%	0%	100%	33%	67%	% of fleet exceeds UL of 25 yrs
	Ferryboat	0%	0%	100%	100%	0%	% of fleet exceeds UL of 25 yrs
Infrastructure	Rail Fixed Guideway	8%	8%	100%	92%	8%	% of track segments under performance restriction
Facilities	Admin/Maintenance Facilities	0%	0%	100%	100%	0%	% of facilities rated under 3.0 on TERM scale
	Passenger/Parking Facilities	3%	3%	97%	97%	3%	% of facilities rated under 3.0 on TERM scale
	Passenger Facilities	0%	0%	100%	100%	0%	% of facilities rated under 3.0 on TERM scale
	Parking Facilities	4%	4%	96%	96%	4%	% of facilities rated under 3.0 on TERM scale

* The Target, per FTA & NTD requirements, is the inverse of the expected SGR level, ie the expected percentage out of SGR

I, Nathaniel P. Ford, Sr. agree with the above State of Good Repair Targets


 Nathaniel P. Ford, Sr., Chief Executive Officer

12-27-23
 Date

Agenda Item E.

DRAFT 2024 List of Priority Projects (LOPP)

Information Only



MEMORANDUM

To: Members, Citizens and Technical Advisory Committee Members
From: Clark Letter, Director of Planning and Analytics
Date: February 7, 2024
Subject: Annual List of Priority Projects

Staff is finalizing projects for the annual List of Priority Projects (LOPP). This is a candidate list of projects for the new fifth year of the Florida Department of Transportation's Five Year Work Program. The draft list of priority projects will be disseminated prior to the meeting. Our expectation will be to adopt the LOPP in March.

The LOPP document includes the following categories of projects:

- **Region-Wide Priority Projects – Transportation Capacity Projects**
This list is perhaps the most important. This list of 20 projects represents the larger capacity and high priority projects throughout the TPO area. This list does not change substantially from year to year, as projects are typically only removed from the list when construction funding has been programmed.
- **Aviation Priority Projects**
Jacksonville Aviation Authority and St. Augustine - St. Johns County Airport Authority can each submit a list of its priorities for inclusion in the document. The TPO includes these as a reference, but does not re-prioritize these projects.
- **Mass Transit Priorities**
Jacksonville Transportation Authority and St. Johns/Sunshine Bus can each submit a list of its priorities for inclusion in the document. The TPO includes these as a reference, but does not re-prioritize these projects.
- **Port Priority Projects**
JAXPORT and the Ocean Highway & Port Authority of Nassau County can each submit a list of its priorities for inclusion in the document. The TPO includes these as a reference, but does not re-prioritize these projects.

- **Transportation Alternatives Program (TAP) – Multi-Use Trails**
TAP projects are funded on a rotational basis by County. Applications must be submitted through the GAP system.
- **Transportation Alternatives Program (TAP) – School Safety Sidewalks**
This program mirrors the Safe Routes to Schools criteria. TAP projects are funded on a rotational basis by County. Applications must be submitted through the GAP system.
- **SUN Trail Program – Multi-Use Trails**
It is especially critical that each county submit one viable project for each of the TAP and SUN Trail Programs. Cost estimates must be provided. It is recommended you revisit the project submitted annually to ensure it is still feasible. Applications must be submitted through the GAP system.
- **Transportation Regional Incentive Program Priorities**
Transportation Regional Incentives Program (TRIP) priorities reflect the region-wide priority list.

Agenda Item F.

**DRAFT Requested Studies for FY 2024/25 –
FY 2025/26 Unified Planning Work Program
(UPWP)**

Information Only

DRAFT 2024 UNIFIED PLANNING WORK PROGRAM STUDY REQUESTS

Study Name	Description	Recommended By
Midblock Crossings for Nonmotorized User Safety	Establish selection/prioritization process for systemic implementation of midblock crossing treatments. Existing RRFB criteria and mapping must be considered. FHWA list of 28 proven safety countermeasures must also be considered. NACTO's Urban Street Design Guide must also be considered, specifically their guidance on midblock crosswalks. Develop a map of prioritized routes and/or locations, based on selection criteria. High reported bike-ped crash corridors must be added to analysis/mapping, including Merrill Rd and 103rd St (where many bike-ped fatalities have been reported). Establish performance targets and a methodology to measure progress related to the implementation of midblock crossing infrastructure.	City of Jacksonville
University Blvd Corridor Safety Evaluation Study for Nonmotorized Users	Analyze and identify potential safety improvements along University Blvd, between San Jose Blvd (southwest) and Merrill Rd (northeast). Crash analysis for this route identifies it as a high bike-ped fatality corridor. Study may partition full corridor into smaller segments, where necessary. Segments along University Blvd may include: 1) from San Jose Blvd (west) to I-95 (east); 2) from I-95 (west) to Wateredge Lane (north); 3) from Wateredge Lane (south) to Merrill Rd (north). Study must identify potential safety improvements, including those identified in FHWA's 28 proven safety countermeasures. These recommendations may include but are not limited to signaling improvements, lane reduction, striping, enhanced crosswalks, lighting, midblock crossings, bicycle facilities, reduced speed treatments, raised crosswalks and intersections, protected intersections, driveway improvements, sidewalk improvements, and others. Barriers to safety treatment implementation, due to row constraints, utilities, or existing conditions, must be addressed and mitigation/workaround recommendations provided.	City of Jacksonville
Protected Intersections Study	Establish process for the prioritization and implementation protected treatments at COJ/COJ and FDOT/COJ-owned/maintained intersections (broad, process analysis). Study should select 5-10 intersection locations from list of intersections provided by COJ PDD-TPD and TE staff (specific "case study" examples). Each intersection should be evaluated to include a list of recommended designs, a list of constraints (row, number of lanes, etc.) including possible workarounds/solutions, and a list of ballpark/itemized engineering design and construction costs for each. Each intersection must also include recommended short and long-term improvements, including short-term pilot or quick-build improvements to solicit public buy-in before permanent projects are designed/funded. Study should also include preliminary designs / mockups for each intersection. Establish performance targets and a methodology to measure increased safety/comfort related to protected intersections (broad, process).	City of Jacksonville

DRAFT 2024 UNIFIED PLANNING WORK PROGRAM STUDY REQUESTS

Study Name	Description	Recommended By
<p>103 St/Timuquana Rd Corridor Safety Evaluation Study for Nonmotorized Users</p>	<p>Analyze and identify potential safety improvements along 103rd St and Timuquana Rd, between POW-MIA Memorial Park Pkwy (west) and Ortega Farms Blvd (east). Crash analysis for this route identifies it as a high bike-ped fatality corridor. Study may partition full corridor into smaller segments, where necessary. Segments along 103rd St and Timuquana Rd may include: 1) from POW-MIA Memorial Dr and 103rd (west) to Old Middleburg Rd and 103rd St (east); 2) from Old Middleburg Rd and 103rd St (west) to Highway 295 and 103rd St (east); 3) from Highway 295 and 103rd St (west) to Ortega Farms Blvd (east). Study must identify potential safety improvements, including those identified in FHWA's 28 proven safety countermeasures. These recommendations may include but are not limited to signaling improvements, lane reduction, striping, enhanced crosswalks, lighting, midblock crossings, bicycle facilities, reduced speed treatments, raised crosswalks and intersections, protected intersections, driveway improvements, sidewalk improvements, and others. Barriers to safety treatment implementation, due to row constraints, utilities, or existing conditions, must be addressed and mitigation/workaround recommendations provided.</p>	<p>City of Jacksonville</p>
<p>Merrill Road Corridor Safety Evaluation Study</p>	<p>Building upon the analysis/recommendations begun by Renew Arlington Community Redevelopment Area (Arlington CRA), this corridor study will identify countermeasures (based on FHWA's 28 proven safety countermeasures) and safer, more comfortable roadway design for all users (based on NACTO, AASHTO, and FHWA guidance) aimed at transforming Merrill Road from a vehicle-centric arterial into a complete streets corridor and an economic booster for the Arlington greater area. This study must coordinate with Arlington CRA, COJ, JTA, and others that may have existing studies or planned projects, in order to avoid duplication of efforts.</p>	<p>City of Jacksonville</p>
<p>Access Management for Active User Safety</p>	<p>Work with FDOT and COJ to determine access management improvements and approaches along Atlantic Blvd, between I-95 (west) and Kernan Blvd N (east), based on FDOT's Access Management Guidebook (2019), FHWA's "Access Management Publications and Resources" web page, and other relevant documents. Study may be partitioned in segments along Atlantic Blvd: 1) from I-95 (west) to Parental Home Rd (east); 2) from Parental Home Rd (west) to St Johns Bluff Rd (east), and; 3) from</p>	<p>City of Jacksonville</p>
<p>Six bridges connectivity study</p>	<p>Existing COJ bridge infrastructure poses a significant barrier for nonmotorized users between the Arlington communities and Downtown Jacksonville. Bridge infrastructure also creates barrier between communities north of Trout River and Downtown. Study would determine project options and associated preliminary costs for connecting active users between Downtown Jacksonville and Arlington, by upgrading/replacing bridge infrastructure, then further analyzing north-south connectivity.</p>	<p>City of Jacksonville</p>

DRAFT 2024 UNIFIED PLANNING WORK PROGRAM STUDY REQUESTS

Study Name	Description	Recommended By
Orange Park Path to NAS near southern COJ boundary trail alignment study	Study should determine feasibility of most safe/comfortable SUP alignment with little/no survey work, including 5% schematics and OPCCs.	City of Jacksonville
Cheswick Oaks Avenue Corridor Study	Provides a more detail evaluation of the corridor through defined geometric analysis, site specific impacts, and feasibility analysis for this roadway connection.	Clay County
SR-21 to Green Cove Trail Connection	Provides the east-west connection from the Palatka-to-Lake Butler State Trail to the City of Green Cove Springs and the programmed multi-use path.	Clay County
Blanding Boulevard Bike/Ped Safety Study	Bike/Ped Safety Study due to the high bike and ped fatalities. Staff anticipates Florida Department of Transportation will be evaluating.	Clay County
Middleburg Sub-Area Study	General Sub-Area Study from 2013 Bicycle and Pedestrian Master Plan.	Clay County
River Scenic Bike Loop – Clay County	Use existing scenic roads to connect to programmed FCE multi-use path (Shands Bridge replacement) to the SJR2C Loop. Includes a Clay County alignment and St. Johns County alignment.	Clay County
Pavement Management Plan Update	Update automated pavement condition surveys for implementing a pavement management system for the County's paved roadway network. The objectives of this project were to: (1) perform a network-level automated pavement condition survey in Clay County, (2) implement and update the PAVER pavement management system with the new survey data and pavement maintenance work history, (3) perform pavement management analysis to estimate the future maintenance and rehabilitation (M&R) needs of the County's pavements, (5) provide a detailed report that summarizes the findings, and (6) provide PAVER training to County staff.	Clay County
Roadway Infrastructure Pilot	This study would investigate the use of aerial imagery to provide detailed roadway asset inventory information to the TPO's partner Counties and municipalities.	Staff
eBike Voucher Program	This study will investigate an eBike Voucher Program to provide qualified and approved applicants with an upfront discount towards the purchase of a new eBike from a participating local bike shop.	Staff
Riverbank Connector	With the growing demand for interconnectivity between the south bank and north bank, this plan will evaluate alternatives to improve the connections between these areas to connect pedestrians and bicyclists.	Staff

DRAFT 2024 UNIFIED PLANNING WORK PROGRAM STUDY REQUESTS

Study Name	Description	Recommended By
Safe Streets for All	<p>The Bipartisan Infrastructure Law (BIL) established the new Safe Streets and Roads for All (SS4A) discretionary program with \$5 billion in appropriated funds over the next 5 years. The SS4A program funds regional, local, and Tribal initiatives through grants to prevent roadway deaths and serious injuries. Safe Streets and Roads for All (SS4A) Grant Program US Department of Transportation</p> <p>This project will perform more detailed studies on selected priorities to enhance safety based on the results of the Strategic Safety Plan being completed in FY 22/23.</p>	Staff
Curb Management Analysis	<p>The demand for curb space is changing rapidly as the demand changes. Agencies are seeking to include new amenities such as delivery spaces, restaurant zones, communications and infrastructure technologies. The study's purpose is to conduct a study on the competing uses of curb space in the planning area, including recommendations to partner agencies on curb management policies.</p>	Staff
SR 105 Corridor Study	<p>To investigate different intersection and grade separation concepts and impacts for SR 105 from New Berlin Rd E. to W. of Blount Island Blvd (1.3 Miles). The study would evaluate transportation needs for the continued long-term development of JAXPORT's Blount Island Marine Terminal (BIMT) as well as future growth and opportunities to improve freight connections to existing and future freight clusters in the area. Furthermore, the study would evaluate opportunities to improve roadway and railroad safety along corridor by eliminating at grade crossings and sustain and enhance the ports strategic seaport military value and readiness to continue to support force deployment during contingencies and other national defense emergencies at BIMT & Marine Corps Support Facility Blount Island (MCSF-BI).</p>	JAXPORT
TPO Distribution Method	<p>Determining the best method for the allocation and investment of transportation capital by the Northeast Florida Transportation Planning Office (TPO) so as to achieve the best return for region.</p>	CAC Member
First Coast Traffic Study	<p>Analyze traffic patterns on the commuter route from Amelia Island to Jacksonville on First Coast Highway and Heckscher Drive (A1A, SR 105). The analysis should determine methods for managing traffic to make transit on the corridor more efficient and safer.</p>	CAC Member
Pedestrian Intersection Crossing Study	<p>Investigate practices and policies that provide guidance on safety benefits and traffic impacts to exclusive pedestrian phases that is not covered by the FDOT Traffic Engineering Manual. Specifically guidance on conditions that would merit the use of an exclusive pedestrian phase.</p>	CAC Member

DRAFT 2024 UNIFIED PLANNING WORK PROGRAM STUDY REQUESTS

Study Name	Description	Recommended By
Bicycle Clearance Interval Study	Investigate the issue of bicyclist clearance times at high speed or large intersections that create safety issues for bicycles clearing the intersection. Study will identify countermeasures and possible changes to bicycle speeds used to calculate clearance intervals. Types of intersections tht may be prioritized for these countermeasures should be identified.	CAC Member
Continuous Green T Intersection Study	This study will investigate the potential use of continuous green T-intersections in the North Florida TPO regions while prioritizing the safety of pedestrians and bicyclists. Candidate areas will be presented with scoring criteria for each location.	CAC Member
Median Opening Crash Study	Investigate relaxing the FDOT criteria for median opening crashes. This involves analyzing the crash distribution of median openings across District 2 to investigate whether rural median openings on multilane facilities have a crash distribution to justify the lowering of the 5 crash/year threshold.	CAC Member
Smart St. Augustine Performance Measure Evaluation	This study will perform performance measure baselining and tracking to capture the impact of the project on selected performance measures. The methods and techniques will be consistent with the performance measurement guidance for the RAISE discretionary grant program.	City of St Augustine
A1A Complete Streets Study	This study would perform a complete streets analysis on A1A from Mayport Rd to Seagate Ave.	Neptune Beach and Atlantic Beach
Regional Transit Study	The Study will provides a package of appropriate information to assist the analysis and decision-making of technical staff and policy makers regarding potential cross-jurisdictional transit projects	Staff

Agenda Item J.

Old Business

- . December 14, 2023 TPO Meeting Report**

North Florida TPO Meeting Report



Meeting Agenda

Thursday, December 14, 2023
10 a.m.

Call to Order
Pledge of Allegiance
Introductions
Public Comment

1. North Florida TPO Minutes of November 9, 2023

APPROVED

TPO Agenda

A. Finance Committee Report

Information
Only

- October Monthly Financial Statement
- Audit Presentation – **Information Only**

B. Electing Officers

ACTION ITEM

According to the TPO Bylaws, Officers shall be elected at the December meeting by majority vote of the voting members present, and their terms become effective at the first meeting of the new calendar year.

C. FDOT Requests Amending the FY 2023/24 through FY 2027/28 Transportation Improvement Program (TIP)

Information
Only

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

- **437728-4** – SR 13 (San Jose Blvd.) at I-295 (SR 9A) NB On-Ramp Interchange Interchange Improvement – Duval County *NON-SIS*
- **437428-1** – SR 5A (US 1) (King St.) Over San Sebastian River Bridge No. 780003 – Bridge Replacement – St. Johns County *NON-SIS*

D. Regional Alternative Fuel/Infrastructure Master Plan Presentation

Information
Only

Ben Moore of RS&H will give a brief presentation on the Regional Alternative Fuel/Infrastructure Master Plan.

- E. **Smart North Florida** Information Only
- F. **Executive Director’s Report** Information Only
- G. **Secretary of Transportation’s Report** Information Only
- H. **Authority Reports** Information Only
- I. **Old Business**
 - LOPP Update
 - UPWP Update
- J. **New Business**
 - North Florida TPO 2024 Meeting Schedule
 - Federal Certification Update
- K. **Public Comment**
- L. **Adjourn**
- M. **Information**
 - Status Report of FDOT Projects in the North Florida TPO area

The next meeting will be February 8, 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.