



Technical Advisory Committee
Agenda Book

10:00 am
Wednesday, March 1, 2023

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



**Technical Advisory Committee
Meeting Agenda
Wednesday, March 1, 2023
10 a.m.**

**Call to Order
Introductions
Public Comment**

Agenda

A. February 1, 2023 Minutes

ACTION ITEM

These minutes are ready to review and approve.

B. FDOT Requests Amending the FY 2022/23 – FY 2026/27 Transportation Improvement Program (TIP)

ACTION ITEM

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

- **452405-1** – I-10 (SR 8) Electric Vehicle Charging Gap Phase 8
Electric Vehicle Charging
- **439181-3** – Nassau County Trail Rehabilitation Study - Bike Path/Trail
- **439181-4** – St. Johns County Trail Rehabilitation Study - Bike Path/Trail
- **439181-5** – Duval County Trail Rehabilitation Study - Bike Path/Trail
- **439181-6** – Clay County Trail Rehabilitation Study - Bike Path/Trail
- **432849-1** – SR 212 (Beach Blvd.) from Cedar Swamp Creek to Brougham Ave.
Drainage Improvements
- **446386-1** – SR 202 (JTB) at Belfort Road Interchange
Interchange – Add Lanes

C. 2023 List of Priority Projects (LOPP) Approval

ACTION ITEM

The 2023 LOPP identifies potential projects to be funded in the FDOT Tentative Work Program for FY 2024/25 through FY 2028/29. A draft was presented at the February meeting.

D. DRAFT Requested Studies for FY 2023/24 Unified Planning Work Program (UPWP)

Information
Only

Clark Letter will discuss the draft list of requested studies, which is included in Section D.

E. Annual Assessments for FY 2023/24

Information
Only

Clark Letter will discuss the FY 2023/24 Annual Assessments, which is included in Section E.

F. Pages Dairy Feasibility Study

Information
Only

Wiley Page of Atkins will give a brief presentation on the Pages Dairy Feasibility Study.

G. Smart North Florida Update

Information
Only

H. Old Business

- February 9, 2023 North Florida TPO Meeting Report

I. New Business

J. Public Comment

K. Adjournment

The next meeting will be April 5, 2023.

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 February 1, 2023 Meeting

Action Item



TECHNICAL ADVISORY COMMITTEE
MEETING SUMMARY

Wednesday, February 1, 2023 - 10 a.m.

MEMBERS PRESENT:

Lynn Rutkowski, City of Keystone Heights, **CHAIRMAN**
Russell Adams, City of St. Augustine Beach
Robert Companion, Nassau County Planning Dept.
Rodney Cooper, St. Johns County Public Works Dept.
Kelsey Cox, JAXPORT (for Justin Ryan)
Holly Coyle, Nassau County Planning Dept.
Mike Daniels, City of Green Cove Springs Planning Dept.
Reuben Franklin, City of St. Augustine
Kevin Harvey, St. Johns County/St. Augustine Airport
Heather Ireland, Jacksonville Beach Planning Dept.
Doreen Joyner-Howard, Florida Dept. of Transportation (for Achaia Brown)
David Kaufman, Nassau County Ocean Hwy. & Port Authority
Bill Killingsworth, COJ Planning and Development Dept.
Chris LeDew, COJ Public Works Dept.
Dave McKee, JEA
Colin Moore, City of Neptune Beach
Jeremy Norsworthy, JTA
Elizabeth Payne, Northeast Florida Regional Council
Sean Rush, CareerSource
Dodie Selig, Clay County Planning Dept. (for Ed Lehman)
Ashley Shorter, JAA (for Lauren Scott)
Richard Smith, Clay County Engineering & Public Works Dept.
Steve Smith, Town of Orange Park
Jan Trantham, St. Johns County Planning Dept. (for Dick D'Souza)

MEMBERS ABSENT:

Shane Corbin, City of Atlantic Beach
Sean Lynch, Mayor - Town of Baldwin
Matt Schellhorn, U.S. Navy

OTHERS PRESENT:

Wiley Page, Atkins
Cox Garrett, City of Keystone Heights
Clayton Levins, SNF
Soliman Salem, COJ Planning Dept.
Noel Comeaux, Northeast Florida Regional Planning Council
Victoria Kutney, FDOT

Laurie Santana, COJ Planning Dept.
Mark Manwell, ETM
April Bacchus, ETM
Terry Shaw, Kimley-Horn

TPO STAFF PRESENT:

Jeff Sheffield, Executive Director
Clark Letter, Director Planning and Analytics
Jennifer Lott, Executive Assistant

CALL TO ORDER

Chairman Rutkowski 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 DECEMBER 7, 2022 MEETING MINUTES**

Chairman Rutkowski asked that the December Technical Advisory Committee meeting minutes be approved.

Bill Killingsworth moved to approve the December 7, 2022 meeting minutes; Steve Smith seconded; motion unanimously carried.

► **B. ELECTING OFFICERS**

Chairman Rutkowski opened the floor for nominations for Chairman. Reuben Franklin nominated Bill Killingsworth, who accepted the nomination. The Chair asked for any other nominations. Seeing none, **Chairman Rutkowski moved to close the nominations for Chairman; seconded by Holly Coyle; motion unanimously carried. Bill Killingsworth will be the 2023 TAC Chairman.**

Chairman Rutkowski opened the floor for nominations for Vice Chairman. Steve Smith nominated Robert Companion, who accepted the nomination. The Chair asked for any other nominations. Seeing none, **Chairman Rutkowski moved to close the nominations for Vice Chairman; seconded by Sean Rush; motion unanimously carried. Robert Companion will be the 2023 TAC Vice Chairman.**

► **C. FDOT REQUESTS AMENDING THE FY 2022/23 THROUGH FY 2026/27 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

Doreen Joyner-Howard presented the following amendment to the Transportation Improvement Program for FY 2022/23 through FY 2026/27.

- **209443-3** – SR 228 (Post St.) from SR 1 for 11 (Cassat Ave.) to Old Roosevelt Blvd. Miscellaneous Construction
- **209537-9** – SR 201 (US 301A) Baldwin Bypass at Brandy Branch Road Parking Facility
- **446154-2** – SR 15 (US 17) from Ball Road to Black Creek Trail Bike Path/Trail
- **452554-2** – 5310 District Capital – Jacksonville UZA - JTA Capital for Fixed Route
- **452488-1** – 5310 Operating – Jacksonville UZA – The Arc of Jacksonville, Inc. Operating for Fixed Route
- **452553-1** – 5310 Capital – Jacksonville UZA – JTA – Clay County Capital for Fixed Route
- **446808-2** – SR 21 (Blanding Blvd.) from South of Wells Road to Duval County Line – Intersection Improvement
- **432259-2** – I-95 (SR 9) from South of SR 126 (Emerson Street) to Atlantic Blvd. Add Lanes and Reconstruct
- **432259-3** – I-95 (SR 9) from SR 202 (JT Butler) to South of SR 126 (Emerson St.) - Add Lanes and Reconstruct

Ms. Joyner-Howard asked for questions.

- Chris LeDew asked if the Post Street project is a roundabout.

Ms. Joyner-Howard responded this project is a roundabout.

Bill Killingsworth moved to approve the FDOT’s request to amend the FY 2022/23 through FY 2026/27 Transportation Improvement Program (TIP); Reuben Franklin seconded; motion unanimously carried.

► D. RESOLUTION ADOPTING 2023 BRIDGE AND PAVEMENT TARGETS

Clark Letter informed the group that 23 CFR 490 requires the FDOT to adopt targets for bridge and pavement conditions. The North Florida TPO is also required to adopt performance targets for these measures and would like to adopt the FDOT’s performance targets for bridge and pavement conditions.

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

Bill Killingsworth moved to approve Resolution 2023-1 adopting the 2023 Bridge and Pavement Targets; Dodie Selig seconded; motion unanimously carried.

► E. RESOLUTION ADOPTING 2023 SYSTEM PERFORMANCE TARGETS

Clark Letter informed the group that 23 CFR 490 requires the FDOT to adopt targets for system performance for the National Highway System, Freight and Congestion Mitigation and Air Quality (CMAQ). The North Florida TPO is also required to adopt

performance targets for these measures and would like to adopt the FDOT's system performance targets.

Mr. Letter asked for questions.

- Bill Killingsworth asked for an explanation of the Truck Travel Time Reliability Index.

Mr. Letter responded the Truck Travel Time Reliability Index is where you have travel times on a roadway distributed on varying days and times. Over the course of a year, take the 50th percentile travel time and the 95th percentile travel time and divide the 95th percentile by the 50th percentile and that gives you the index. In this case, if your index goes above 1.75 that would be a failing condition and for the four-year target anything over two is a failing condition.

Bill Killingsworth moved to approve Resolution 2023-2 adopting the 2023 System Performance Targets; Reuben Franklin seconded; motion unanimously carried.

F. DRAFT 2023 LIST OF PRIORITY PROJECTS (LOPP)

Clark Letter presented the draft 2023 List of Priority Projects (LOPP). Approval will be requested at the March meeting.

Mr. Letter asked for questions.

- Mr. Sheffield commented the unranked projects are fully funded. They are on the list so they stay on the DOT's radar.
- Kelsey Cox asked who provides the estimates for the projects.

Mr. Sheffield responded that it depends on the nature of the project.

- Kelsey Cox asked who would provide the estimate for the UNF Drive/Alumni Drive project.

Mr. Sheffield responded the applicant is responsible for the estimate.

G. DRAFT REQUESTED STUDIES FOR FY 2022/23 – FY 2023/24 UNIFIED PLANNING WORK PROGRAM (UPWP)

Clark Letter presented the draft requested studies for the FY 2022/23 – FY 2023/24 Unified Planning Work Program (UPWP). Approval will be requested at the May meeting.

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

H. SMART NORTH FLORIDA UPDATE

Clayton Levins gave the following update.

- Working with Representative Wyman Duggan on an appropriations project request for SNF to actively use a certain threshold of state dollars for potential technology deployments with municipal county and agency partners. We are looking to accelerate the adoption of technology at the local and county level.

I. OLD BUSINESS

J. NEW BUSINESS

- The Office of Greenways and Trails will hold a public meeting to receive comments regarding the 2024-2028 Florida Greenways and Trails System Plan and Maps update. The meeting will be held in the Ed Ball Building, First Floor Training Room, 214 N. Hogan Street February 16 from 5 – 7 p.m.
- Reuben Franklin asked the last time a regional Bicycle Safety campaign was done.

Mr. Sheffield responded it has been a while since a regional campaign was done. The stakeholder group for the update to the regional safety plan will meet immediately following this meeting. We intend to create targeted areas for the safety campaigns, and assign funding to begin next year.

K. PUBLIC COMMENT

None at this time.

L. ADJOURNMENT

There being no further business, the meeting was adjourned at 10:28 a.m. The next TAC meeting will be March 1, 2023.

Agenda Item B.

**FDOT Requests Amending the FY 2022/23 -
FY 2026/27 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

February 16, 2023

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 2022/23 – FY 2026/27

Dear Elizabeth:

The Florida Department of Transportation (FDOT) requests Board approval for an amendment to the Transportation Improvement Program (TIP) for FY 2022/23 through FY 2026/27. Please add the following TIP Amendment requests for action by the TPO Board at their March 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:

452405-1 I-10 (SR 8) Electric Vehicle Charging Gap Phase 8

Electric Vehicle Charging

| <u>Phase</u> | <u>Fund</u> | <u>FY 2023</u> |
|--------------|-------------|----------------|
| CAP | GFEV | \$900,000 |

439181-3 Nassau County Trail Rehabilitation Study

Bike Path/Trail

| <u>Phase</u> | <u>Fund</u> | <u>FY 2023</u> |
|--------------|-------------|----------------|
| PDE | TALU | \$187,500 |

439181-4 St. Johns County Trail Rehabilitation Study

Bike Path/Trail

| <u>Phase</u> | <u>Fund</u> | <u>FY 2023</u> |
|--------------|-------------|----------------|
| PDE | TALU | \$187,500 |

439181-5 Duval County Trail Rehabilitation Study

Bike Path/Trail

| <u>Phase</u> | <u>Fund</u> | <u>FY 2023</u> |
|--------------|-------------|----------------|
| PDE | TALU | \$187,500 |

439181-6 Clay County Trail Rehabilitation Study

Bike Path/Trail

| <u>Phase</u> | <u>Fund</u> | <u>FY 2023</u> |
|--------------|-------------|----------------|
| PDE | TALU | \$187,500 |

The following are projects with additional funding for design built:

432849-1 SR212 (Beach Blvd) From: Cedar Swamp Creek To: Brougham Ave

Drainage Improvements

| <u>Phase</u> | <u>Fund</u> | <u>FY 2023</u> |
|--------------|-------------|----------------|
| DSB | ACPR | \$9,744,388 |

446386-1 SR202 (JTB) At Belfort Road Interchange

Interchange- Add Lanes

| <u>Phase</u> | <u>Fund</u> | <u>FY 2023</u> |
|--------------|-------------|----------------|
| DSB | ACNP | \$14,492,631 |
| RRU | ACNP | \$500,000 |

If you have any questions about this project or this amendment request, please call me at (904) 360.5414.

Sincerely,



Achaia Brown
North Florida TPO Liaison
FDOT District Two

cc: James Knight

Agenda Item C.

2023 List of Priority Projects (LOPP) Approval

Action Item

2023
Annual
List of
Priority
Projects

2023

Project priorities of the North Florida Transportation Planning Organization for inclusion in the new fifth year of the Florida Department of Transportation Work Program



Contents

OVERVIEW 3

PROJECT PHASING 3

2045 LONG RANGE TRANSPORTATION PLAN..... 4

- Resilience and Vulnerability..... 4
- Regional System Safety Plan 4
- Congestion Management Process..... 4

LIST OF PRIORITY PROJECTS PROCESS..... 5

REGION-WIDE PRIORITY PROJECTS 6

AVIATION PRIORITY PROJECTS—JACKSONVILLE AVIATION AUTHORITY..... 10

MASS TRANSIT PRIORITIES—JACKSONVILLE TRANSPORTATION AUTHORITY 11

MASS TRANSIT PRIORITIES—ST. JOHNS COUNTY/SUNSHINE BUS 13

PORT PRIORITIES—JAXPORT..... 14

PORT PRIORITIES—PORT OF FERNANDINA 15

TRANSPORTATION ALTERNATIVES PROGRAM (TAP) PROJECTS 16

TRANSPORTATION ALTERNATIVES PROGRAM (TAP) PROJECTS 17

SUNTRAILS PRIORITIES 18

TRANSPORTATION REGIONAL INCENTIVE PROGRAM (TRIP) PROJECT PRIORITIES 19

OVERVIEW

The North Florida Transportation Planning Organization (North Florida TPO) Transportation Improvement Program (TIP) for Fiscal Years 2024/2025 through 2028/2029 begins with preparing a "List of Priority Projects" to be used in developing the Florida Department of Transportation's (FDOT) Tentative Five Year Work Program. The "List of Priority Projects" identifies potential projects to be funded in the new fifth year (2028/2029) of the FDOT Work Program. However, by creating the Strategic Intermodal System (SIS) and the Transportation Regional Incentive Program (TRIP) in Florida, the "List of Priority Projects" now includes potential projects to be funded in other years of the FDOT Work Program under the SIS and TRIP programs. The "List of Priority Projects" includes a prioritized listing of state highway, mass transit, aviation, intermodal, and Transportation Alternative Program (TAP) and Transportation Regional Incentive Program (TRIP) projects*.

The North Florida TPO expects all projects currently programmed in the FDOT Work Program to advance to the next development phase. This will ensure that implementing the 3-C planning process (continuing, cooperative, and comprehensive) in the North Florida TPO area is being implemented, as required by federal and state statutes. If FDOT cannot complete the programmed phase and advance the project to the next logical phase, it is incumbent that the agency provides an explanation to the North Florida TPO.

PROJECT PHASING

- Project Development and Environment (PD&E)
- Preliminary Engineering (PE)
- Right-of-Way (ROW)
- Construction (CST)

* Intended adoption is at the March TPO Board Meeting, following review by the TAC and CAC.

2045 LONG RANGE TRANSPORTATION PLAN

On November 14, 2019 the North Florida TPO adopted Path Forward 2045, a fiscally constrained Long Range Transportation Plan for Clay, Duval, Nassau and St. Johns Counties. Concurrent with this effort the following documents were prepared:

- **Resilience and Vulnerability**
 - The North TPO examined the vulnerability of major roads in the region. Vulnerability is ranked from low to high. The vulnerability rating of relevant facilities is indicated on the List of Region-Wide Priority Projects. Supporting documentation is available at: <http://pathforward2045.com/wp-content/uploads/2019/08/Resiliency-Phase-II-Tech-Memo-1Finalv3.pdf>
 - Region-wide priority projects identified as at risk in this report are identified by vulnerability category.
 - Low Vulnerability
 - Moderate-Low Vulnerability
 - Moderate High Vulnerability
 - High Vulnerability
- **Regional System Safety Plan**
 - This plan was updated. It identifies high crash corridors, high crash intersections and corridors with a high incidence of bicycle and pedestrian crashes. High crash corridors are identified on the List of Region-Wide Priority Projects. Supporting documentation is available at: https://northfloridatpo.com/uploads/Studies/FINAL_RSSP_NOV2019.pdf
 - Region-wide priority projects on HIGH CRASH CORRIDORS are identified as such.
- **Congestion Management Process**
 - The Congestion Management Process was updated. Supporting documentation is available at: https://northfloridatpo.com/uploads/Studies/performance/2019_NFTP_CMP.pdf

All documentation for the 2045 Long Range Transportation Plan is available at www.pathforward2045.com and at <http://northfloridatpo.com/planning/lrtp>

LIST OF PRIORITY PROJECTS PROCESS

Develop List of Candidate Projects (*January*)

1. A list of candidate projects is developed from the following:
 - Projects in the previous year *List of Priority Projects* not funded through construction.
 - Local County/City submittals within the North Florida TPO area
 - Local Airport and Transit Authority submittals within the North Florida TPO area
 - Concurrency Management Process
 - Public Input
2. Project Ranking (*February*)
 - Unless otherwise indicated, projects were initially prioritized in Path Forward 2045, the North Florida TPO's Long Range Transportation Plan adopted November 14, 2019
 - TPO Staff works with local governments to develop a preliminary List of Priority Projects to submit to the Technical Advisory Committee (TAC), Citizens Advisory Committee (CAC) and Transportation Planning Organization (TPO) Board for review and approval at the March TAC, CAC and TPO Board Meetings.
 - Mass transit and aviation projects are prioritized by the submitting agencies and are forwarded to the North Florida TPO to include in the LOPP Document.
 - Adopting the List of Priority Projects (March)
 - Following approval by the North Florida TPO, the List of Priority Projects is submitted to FDOT for use in developing the Five-Year Tentative Work Program.

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

REGION-WIDE PRIORITY PROJECTS

| 2023 REGION-WIDE PRIORITY PROJECTS | | | | |
|---|--|--|---|----------------------------------|
| Rank | Project | Limits | Description | Status |
| PRIORITIES FUNDED IN THE CURRENT 5-YEAR WORK PROGRAM | | | | |
| | CR 220 Clay County (430719-3) | Henley Rd to Knight Boxx Rd | Widen to 4-lanes | Construction FY 2024 |
| | First Coast Expressway Clay and St. Johns Counties (422938-6) (422938-5) (422938-7) (422938-8) | Blanding Blvd to N of SR 16 | New construction | Construction FY 2023 |
| | | N of SR 16 to E of CR 209 | New construction | Construction FY 2023 |
| | | E of CR 209 to CR16A spur (includes bridge) | New construction | Design Build FY 24/25/26 |
| | | CR 16A spur to I-95 | New construction | Design Build FY 25/26 |
| | SR 16/CR 208 St. Johns County (434562-1) | @ I-95 | Interchange improvements | Construction FY 2026 |
| | SR 202 J. Turner Butler Blvd Duval County (439467-1) | @ San Pablo Rd | Modify interchange | Under Construction |
| | SR 111 Edgewood Ave Duval County (442848-1) | US 17 Main St to Cassat Ave | Context sensitive solutions | Construction FY 2023 |
| | SR 313 St. Johns County (210230-4) | SR 207 to Holmes Rd | New road construction | Under Construction |
| | US 17 Clay County (441406-1) | @ Governors Creek Bridge | Sidewalk | Construction complete |
| | SR 202 J. Turner Butler Blvd Duval County (447149-1) | @ Kernan Blvd | Interchange Improvements | Under Construction FY 2022 |
| | SR 10 Atlantic Blvd Duval County (439302-1) | Silversmith Creek Bridge | Milling, resurfacing, railing and sidewalk construction <i>*Moderate-Low Vulnerability</i> | Construction FY 2026 |
| | US 17 Clay County (441213-1) | @ CR 220 | Intersection improvement | Construction in FY 2023 |
| | US 17 Main St Duval County (209411-8) | New Berlin Rd to Airport Center Dr | Widen to 5-lanes with multi-use trail <i>*Moderate-Low Vulnerability</i> | Construction in FY 2026 |

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

| 2023 REGION-WIDE PRIORITY PROJECTS | | | | |
|------------------------------------|---|---|--|--|
| Rank | Project | Limits | Description | Status |
| | SR A1A Mayport Rd <i>Duval County</i> (443502-1) | SR 10 Atlantic Blvd to Dutton Island Rd | Context sensitive improvements **High Crash Corridor *Moderate-High Vulnerability | Construction in FY 2026 |
| | US 1 <i>Duval County</i> (437728-3) | At Racetrack Rd | Intersection Improvements | Construction in FY 2024 |
| | I-295 <i>Duval County</i> (437728-3) | At SR 13 | Interchange improvements | Construction in FY 2024 |
| UNFUNDED PRIORITIES | | | | |
| 1 | SR 228 Normandy Blvd <i>Duval County</i> | Equestrian Center to US 301 | Widen to 4-lanes with bike lanes and sidewalks *Moderate Vulnerability | |
| 2 | CR 220 <i>Clay County</i> | SR 21 to Henley Rd | Widen to 4-lanes High Crash Intersection (CR220 & Henley Rd) | |
| 3 | SR 200/SR A1A <i>Nassau County</i> | I-95 to Amelia Island Pkwy | Intersection improvements High Crash Corridor *Moderate-High Vulnerability | |
| 4 | SR 16 <i>St. Johns County</i> | International Golf Pkwy to Outlet Mall Entrance | Widen to 4 lanes | \$13M PE in 24 |
| 5 | Main St (US 17) <i>Duval County</i> | Airport Center Dr to Pecan Park Rd | Widen from 2 lanes to 5 lanes with multiuse path on the east side | |
| 6 | SR 312 Extension <i>St. Johns County</i> | SR 207 to US 1 | New road construction | |
| 7 | SR 16 <i>Clay County</i> | Green Cove Springs City Limits to First Coast Expressway Interchange | Widen to 4-lanes *Low Vulnerability | |
| 8 | US 17 <i>Nassau County</i> (447364-3) | Duval County Line to SR 200 | Widen to 4- lanes/Intersection improvements | \$1.5m PE 2023 (South of William Burgess to SSR 200) ROW in 24&25 |

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

| 2023 REGION-WIDE PRIORITY PROJECTS | | | | |
|------------------------------------|---|--|--|--------|
| Rank | Project | Limits | Description | Status |
| 9 | SR 212 Beach Boulevard <i>Duval County</i> | Parental Home Rd to I-295 | Bicycle, pedestrian and intersection improvements High Crash Corridor *Moderate-Low Vulnerability | |
| 10 | CR 2209 <i>St. Johns County</i> | SR 9B to SR 16 | 9B to Silverleaf Pkwy Widen to 6-lanes /Intersection Improvements; Silverleaf Pkwy to SR 16 Design 6 lane and Construct 4 lane | |
| 11 | US 17 <i>Clay County</i> | End of 4-lane south of Town Center Blvd. to CR 315 | Widen to 6 lanes | |
| 12 | SR 115 Lem Turner Rd <i>Duval/Nassau Counties</i> | I-295 to US 301 | Widen to 4-lanes with multi-use trail/Intersection Improvements *Moderate Low Vulnerability | |
| 13 | SR 104 Dunn Ave <i>Duval County</i> | New Kings Road to I-295 | Widen/intersection improvements *Low Vulnerability | |
| 14 | SR A1A <i>St. Johns County</i> | Mickler Road to Marsh Landing Pkwy | Intersection Improvements | |
| 15 | Atlantic Blvd/Third Street (SR A1A) <i>Duval County</i> | Mayport Rd (SR A1A) to St. Johns County Line | Context Sensitive Improvements: Bicycle, Pedestrian and intersection upgrades High Crash Corridor *Moderate-High Vulnerability | |
| 16 | SR A1A <i>St. Johns County</i> | Mickler Rd. to Sawgrass Dr. W. | Widen to 4 Lanes & Bike Lanes - Construction | |

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

| 2023 REGION-WIDE PRIORITY PROJECTS | | | | |
|--|--|--|--|--|
| Rank | Project | Limits | Description | Status |
| 17 | SR 21 Blanding Blvd <i>Clay/Duval Counties</i> (446808-1) (446808-2) | CR 220 to Collins Road | Intersection improvements High Crash Corridor *Low Vulnerability | CST FY 2025 (Wells rd to Duval County Line) |
| 18 | Feed Mill Road <i>Clay County</i> | Sandridge Road to Cathedral Oaks Parkway | New 2 lane construction in 4-lane right-of-way | |
| 19 | Southside Blvd <i>Duval County</i> | Old Baymeadows Rd to Baymeadows Rd | Intersection Redesign | |
| 20 | Southside Blvd <i>Duval County</i> | Hogan Rd to Touchton Rd | Intersection Improvements | |
| <p>* Vulnerability evaluated in the Resiliency & Vulnerability Study High Crash Corridors and Intersections identified in the Regional System Safety Plan</p> | | | | |

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

AVIATION PRIORITY PROJECTS—JACKSONVILLE AVIATION AUTHORITY

| Project |
|--|
| Jacksonville International - Concourse B Program - \$300,000,000 |
| Cecil Spaceport – Eastside Roadway - \$16,000,000 |

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

MASS TRANSIT PRIORITIES—JACKSONVILLE TRANSPORTATION AUTHORITY

| Rank | Project | Description | Justification |
|------|---|---|---|
| 1 | Vehicle Acquisition | Annual SU funding with \$2.5 toll credit matching | Replace new buses/rolling stock with zero and low emission buses plus related equipment |
| 2 | Para-Transit (CTC) | Purchase para-transit equipment | Required for ADA compliance |
| 3 | U ² C Agile Program | Various U ² C routes throughout the Jacksonville area | Autonomous transit routes at various locations around Jacksonville |
| 4 | U ² C Phase 3 | The third phase of the U ² C program | The third phase of the U ² C program which is the development of the Neighborhood extensions |
| 5 | Ferry | Acquisition of a Ferry Boat and supporting infrastructure | A new boat and its supporting infrastructure to minimize service interruptions, address useful life of current boat, and handle service expansion and lot increase. |
| 6 | JTA Facility Decentralization and Sustainable Fleet Master Plan | Develop a programmatic strategy and phased implementation plan for the decentralization of JTA's operations and maintenance functions from the current Myrtle Avenue Operations Campus (MAOC) along with the development of a Zero-Emission Fleet Transition Plan | Holistic approach to the development of a sustainable transportation system including the transit network and operations, the fleet, and our facilities |
| 7 | My JTA Mobility Application | Mobile application that will enable multimodal trip planning and ticketing, real time arrival departure information, vehicle crowding information, and customer notifications of detours and trip interruptions. | Provides a single Mobility as a Service mobile application to meet both Fixed Route and On-Demand regional transportation needs for Northeast Florida's residents |

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

| | | | |
|----|---|---|--|
| 8 | Vision Zero Safety Improvements | Plan, design, and construct facilities/streets that reduce traffic related accidents | Strategy to eliminate all traffic fatalities and severe injuries, while increasing safe, healthy, and equitable mobility for all |
| 9 | Commuter Rail Project Development | Promote transit oriented development, station area planning, and funding for Commuter Rail service on the Southeast Corridor | Project Development and Engineering (PD&E) is funded through the LOGT, but there is no funding included for development of the locally preferred alternative and final design. |
| 10 | Complete Streets Projects | Plan, design, and construct streets that enables safe access for all people who need to use them, including pedestrians, bicyclists, motorists, and transit riders of all ages and abilities. This includes existing unfunded Complete Streets projects such as Moncrief/Myrtle Corridor. | Address mobility challenges along corridors for pedestrians, transit passengers, motorists, and bicyclists |
| 11 | ITS/Corridor Development/Service Enhancement | Develop/implement transit signal priority (TSP) device on bus rapid transit (BRT) routes and future BRT routes as well as high transit volume corridors | Capacity constraints on major corridors suggest implementation of ITS to enhance mobility |
| 12 | JRTC Amtrak Station Relocation | Relocate Amtrak station from Clifford Lane to Prime Osborn Convention Center site | Immediate opportunity to restore intercity passenger service to Downtown Jacksonville |

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

MASS TRANSIT PRIORITIES—ST. JOHNS COUNTY/SUNSHINE BUS

| Rank | Project | Description | Justification |
|------|---|--|---|
| 1 | Operating Assistance 5307 | Funding for operations and administration | Expand transit system to support additional revenue miles and passengers |
| 2 | Preventative Maintenance Capitalized Operating Expense | Funding for preventative maintenance on revenue vehicles | Keep vehicles in service and facilitate continued operations |
| 3 | Operating Assistance CTD/Trip Equipment Grant | Continuing Bus Operations | Match for FTA 5307 and support for current and expanded service |
| 4 | Operating Assistance Block Grant Funds | Continuing Bus Operations | Support current service and expand service |
| 5 | Operating and Capital Assistance FTA 5310 | Continuing Bus Operations | Support current service and expand service |
| 6 | Operating and Capital Assistance FTA 5311 | Continuing Bus Operations | Support current service and expand service |
| 7 | Capital Assistance STP Flex | Vehicle Acquisition | Vehicles for route expansion, and paratransit vehicle replacements |
| 8 | Rolling Stock | Vehicle Acquisition | Paratransit vehicle replacement |
| 9 | System Planning | Plan updates | Update plans as a prerequisite to receiving state and federal funds |
| 10 | Shelter Installation | Bus shelters | System improvements, permanent shelters |
| 11 | Security Maintenance | Maintain existing security equipment | Maintain and replace existing security equipment at Transit Facility and on Buses |
| 12 | Equipment | Shop equipment | Required to meet maintenance schedules |
| 13 | Facility Maintenance | Repair/Replace Facility & Equipment | Maintain transit facility and grounds |

These projects have been selected from the agency Transit Development Plan and prioritized by St. Johns County Commission//Sunshine Bus.

PORT PRIORITIES—JAXPORT

| Project |
|--|
| Portwide Crane Purchase (4 Ship-to-Shore Cranes) |
| Dames Point Marine Terminal (DPMT) Development & Expansion |
| Talleyrand Marine Terminal (TMT) Development & Expansion |
| Blount Island Marine Terminal (BIMT) redevelopment for auto processing expansion |
| Dredge Material Management Area (DMMA) expansion/capacity creation |
| Berth reconstruction at upgrades at BIMT and Talleyrand Marine Terminal (TMT) |
| Cargo Handling Equipment Electrification |
| Terminal expansion near TMT, BIMT and Dames Point Marine Terminal (DPMT) |
| ITS improvements for cargo movements at JAXPORT terminals |

PORT PRIORITIES—PORT OF FERNANDINA

| Project |
|--|
| Resiliency Projects to prevent future flooding |
| Reinvestment in berths and existing storage facilities |
| Addition of new covered storage/transit facilities |
| Construction of multi-purpose Port-of-Call Cruise facility |

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

TRANSPORTATION ALTERNATIVES PROGRAM (TAP) PROJECTS

| MULTI-USE TRAILS | | | | |
|----------------------------|---|---|-----------------|---|
| Rank | Project Name | Limits | Estimated Cost | Status |
| CONSTRUCTION FUNDED | | | | |
| | Amelia Island Parkway Multi-Use Trail, Nassau County (437336-1) (437337-2) (437334-1) (437335-1) (437337-3) | Bailey Road to 14 th St | \$876,107 | FY 23/24 |
| | | SR A1A/8 th Street to Bailey Road | \$166,500 | FY 23/24 |
| | | SR A1A/Fletcher Avenue to Via del Rey | \$756,196 | FY 22/23 |
| | | Via del Rey to 14 th St | \$1,167,327 | FY 23/24 |
| | | Phase 4 – Nassau County | \$5,119,474 | FY 22/23 |
| | Black Creek Trail Extension across US 17 Bridge Clay County (446154-1) | US17 from Ball Rd to Black Creek Trail | \$3.5 M | PE FY 22/23 Construction FY 25/26 |
| UNFUNDED PRIORITIES | | | | |
| 1 | Amelia Island Trail Phase 5 Nassau County | 8th Street and Amelia Island Parkway Intersection to the 14th Street and Sadler Road Intersection | Estimate Needed | |
| 2 | UNF Drive/ Alumni Drive Duval County | I-295 – Kernan Blvd | Estimate needed | |
| 3 | Doctors Lake Extension Clay County | Wells Rd to Duval County line | Estimate needed | |
| 4 | Vilano Trail St. Johns County (447736-1) (429931-1) | San Marco Avenue to Duval County Line | \$61.2M | PD&E FY 22/23 \$600k PE FY 23/24 \$605k (Magnolia ave to 24 th st) |

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

TRANSPORTATION ALTERNATIVES PROGRAM (TAP) PROJECTS

| SCHOOL SAFETY SIDEWALKS | | | |
|----------------------------|---|--|---|
| Rank | Project Name | Limits | Cost Estimate |
| CONSTRUCTION FUNDED | | | |
| | Yulee Elementary School <i>Nassau County</i> <i>(430916-3)</i> | Sidewalks on Felmor Road to provide access to Yulee Elementary School. | PE FY 24/25 \$113k (Safe Streets to School) CST FY 26/27 \$622k (Safe Streets to School) |
| | Valley Ridge Academy <i>St. Johns County</i> <i>(450657-1)</i> | Palm Valley Road from Walden Chase neighborhood to Valley Ridge Drive | CST FY 22/23 |
| UNFUNDED PRIORITIES | | | |
| 1 | San Jose Elementary School <i>Duval County</i> | Construct new sidewalk to fill gaps | Estimate needed |
| 2 | Doctor's Inlet Elementary <i>Clay County</i> | Old Jennings Rd from College Dr. to Knight Boxx Rd. | Estimate Needed |
| 3 | Russell Sampson Rd. <i>St. Johns County</i> | Heritage Oaks Neighborhood to St. Johns Forest Neighborhood | Estimate needed |

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

SUNTRAILS PRIORITIES

SunTrails is a competitive program. Projects compete statewide, must be on the SunTrails map, must have a detailed study with segment by segment cost estimates. Applications will be submitted when projects meet these criteria. www.floridasuntrail.com

| Project Name | Project Description/Project Limits | Estimated Cost |
|--|--|--|
| St. Johns River to Sea Loop | West of I-95 to City of St. Augustine to Flagler County Line | This project is specifically reference in State legislation and does not compete for funding with the projects listed below. |
| Timucuan Trail <i>Duval County</i> | Fort George River to Hanna Park | Study/Estimate needed |
| North Nassau Trail <i>Nassau County</i> | Amelia Island Trail North to Georgia State Line via US 17 | Study/Estimate Needed |
| Vilano Trail <i>St. Johns County</i> | San Marco Avenue to Duval County Line | Estimates are available for each segment of this trail |
| Northeast Florida Greenway Trails Old Jennings/Long Bay <i>Clay County</i> | Old Jennings/Long Bay from Live Oak Ln to SR 21 | Study/Estimate Needed |

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

TRANSPORTATION REGIONAL INCENTIVE PROGRAM (TRIP) PROJECT PRIORITIES

The Transportation Regional Incentive Program (TRIP) is funded with Documentary Stamp funds. The North Florida TPO is the TRIP Agency for Baker, Clay, Duval, Nassau, Putnam and St. Johns Counties. This list is approved by the TRIP Agency, which includes the North Florida TPO Board and one member of the Baker and Putnam County Commissions. TRIP eligible projects include all funded projects included in the Region-Wide Priority list in addition to the projects listed below. These projects are not ranked.

| TRANSPORTATION REGIONAL INCENTIVE PROGRAM (TRIP) PROJECT PRIORITIES | | | | |
|---|---|--|---|----------------|
| County | Project | Limits | Description | Status |
| Baker | Midpoint Parkway/Truck By-Pass, Phase 1 | | Construct new 2-lane road | |
| Putnam | US 17 | Volusia County Line to Pomona Park/Feagle Avenue | Widen to 4-lanes | |
| Duval | SR 228 Normandy Blvd | Equestrian Center to US 301 | Widen to 4-lanes with bike lanes and sidewalks | |
| Clay | CR 220 | SR 21 to Henley Rd | Widen to 4-lanes | |
| Nassau | SR 200/SR A1A | I-95 to Amelia Island Pkwy | Intersection improvements <i>High Crash Corridor</i> | |
| St. Johns | SR 16 | International Golf Pkwy to Outlet Mall Entrance | Widen to 4 lanes | \$13M PE in 24 |
| Duval | Main St (US 17) | Airport Center Dr to Pecan Park Rd | Widen from 2 lanes to 5 lanes with multiuse path on the east side | |
| St. Johns | SR 312 Extension | SR 207 to US 1 | New road construction | |

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

| TRANSPORTATION REGIONAL INCENTIVE PROGRAM (TRIP) PROJECT PRIORITIES | | | | |
|---|-------------------------------------|--|--|--|
| County | Project | Limits | Description | Status |
| <i>Clay</i> | SR 16 | Green Cove Springs City Limits to First Coast Expressway Interchange | Widen to 4-lanes | |
| <i>Nassau</i> | US 17 (447364-3) | Duval County Line to SR 200 | Widen to 4-lanes/Intersection improvements | \$1.5m PE 2023 (South of William Burgess to SSR 200) ROW in 24&25 |
| <i>Duval</i> | SR 212 Beach Boulevard | Parental Home Rd to I-295 | Bicycle, pedestrian and intersection improvements <i>High Crash Corridor</i> | |
| <i>St. Johns</i> | CR 2209 | SR 9B to SR 16 | 9B to Silverleaf Pkwy Widen to 6-lanes /Intersection Improvements; Silverleaf Pkwy to SR 16 Design 6 lane and Construct 4 lane | |
| <i>Clay</i> | US 17 | End of 4-lane south of Town Center Blvd. to CR 315 | Widen to 6 lanes | |
| <i>Duval/Nassau</i> | SR 115 Lem Turner Rd | I-295 to US 301 | Widen to 4-lanes with multi-use trail/Intersection Improvements <i>*Moderate Low Vulnerability</i> | |
| <i>Duval</i> | SR 104 Dunn Ave | New Kings Road to I-295 | Widen/intersection improvements | |
| <i>St. Johns</i> | SR A1A | Mickler Road to Marsh Landing Pkwy | Intersection Improvements | |
| <i>Duval</i> | Atlantic Blvd/Third Street (SR A1A) | Mayport Rd (SR A1A) to St. Johns County Line | Context Sensitive Improvements: Bicycle, Pedestrian and intersection upgrades | |

2023 ANNUAL LIST OF PRIORITY PROJECTS (DRAFT)

| TRANSPORTATION REGIONAL INCENTIVE PROGRAM (TRIP) PROJECT PRIORITIES | | | | |
|---|---|--|--|--|
| County | Project | Limits | Description | Status |
| <i>St. Johns</i> | SR A1A | Mickler Rd. to Sawgrass Dr. W. | Widen to 4 Lanes & Bike Lanes - Construction | |
| <i>Clay/Duval</i> | SR 21 Blanding Blvd (446808-1) (446808-2) | CR 220 to Collins Road | Intersection improvements | CST FY 2025 (Wells rd to Duval County Line) |
| <i>Clay</i> | Feed Mill Road | Sandridge Road to Cathedral Oaks Parkway | New 2 lane construction in 4-lane right-of-way | |
| <i>Duval</i> | Southside Blvd | Old Baymeadows Rd to Baymeadows Rd | Intersection Redesign | |
| <i>Duval</i> | Southside Blvd | Hogan Rd to Touchton Rd | Intersection Improvements | |

S

Agenda Item D.

**DRAFT Requested Studies for FY 2023/24 Unified
Planning Work Program (UPWP)**

Information Only

DRAFT 2023 UNIFIED PLANNING WORK PROGRAM STUDY REQUESTS

| Study Name | Description | Recommended By |
|---|---|-----------------------------|
| <p>Alignment feasibility study for the southern section of the Core-2-Coast Trail</p> | <p>Without completing full survey work, this study would determine the most feasible alignment for a continuous shared-use path to extend from the Fuller Warren Bridge SUP to Neptune Beach, by analyzing existing, planned, and funded facilities, as well as the feasibility of SUPs within utility corridors. The SUP would provide safe, comfortable, and direct passage for bicyclists and pedestrians from downtown COJ to Neptune Beach.</p> | <p>City of Jacksonville</p> |
| <p>Protected bicycle lane study</p> | <p>Study to determine extent, materials, costs, and other associated variables associated with the conversion of all COJ existing, planned, and funded on-street bicycle lanes to protected bicycle lanes. Using the COJ On-Street Bikeway and Trails Network inventory, this study would determine the feasibility of converting all existing, funded, and planned on-street bicycle facilities to protected bicycle lanes, separated from auto traffic with vertical delineation. The study would identify/develop OPCCs, a list of recommended treatments, a list of recommended materials, etc.</p> | <p>City of Jacksonville</p> |
| <p>Active transportation facilities (SUPs) within utility corridors vision study</p> | <p>Develop vision study for the implementation of SUPs within COJs many utility corridors including, prioritized list of potential utility corridors for active bike-ped SUP facilities, list of materials/design requirements for utility corridor SUPs, trail amenities, branding, wayfinding signage, placemaking, "Friends Of Trail" community groups, draft/template agreements between City and utility companies, parcel ownership, OPCCs, etc.</p> | <p>City of Jacksonville</p> |
| <p>Six bridges connectivity study</p> | <p>Existing COJ bridge infrastructure is significant barrier for nonmotorized users between the Arlinton communities and Downtown Jacksonville. Bridge infrastructure also creates barrier between communities north of Trout River and Downtown. Study would determine solutions/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 2023 UNIFIED PLANNING WORK PROGRAM STUDY REQUESTS

| Study Name | Description | Recommended By |
|--|--|----------------------|
| First/last-mile pedestrian safety improvements for transit study | Study will select 5-15 transit stations for full analysis of recommended pedestrian safety improvements within half-mile walksheds. Study will include list of recommended pedestrian safety improvements within 0.5-mile walkshed, OPCCs for safety improvements, potential sidewalk construction through development, potential increase in ridership (network analysis using GIS), and more. | City of Jacksonville |
| Demographics analysis for targeted bicycle and pedestrian safety policies and programs | Analysis of age, race, income level, educational level, mode of transportation, environmental justice factors, and other demographics related to 5-10 years of reported bicycle and pedestrian fatal and serious injury crashes, to determine targeted strategy for safety programs and policies. Determine most effective outreach, safety programs, and recommended safety policies, based on nonmotorized crash demographics. | City of Jacksonville |
| 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 |
| North Jacksonville multimodal study | Study to identify recommended bicycle and pedestrian safety improvements in/around River City Marketplace area to Main Street Bridge. Study will include recommended safety treatments for bicycles and pedestrians and OPCCs for recommended improvements. | City of Jacksonville |
| Myrtle Avenue active user facilities feasibility study | Analyze and identify potential active user facilities along Myrtle Ave, from Beaver St to Forest St, including a SUP under I-95, as identified in the 2017 Pedestrian and Bicycle Master Plan. | City of Jacksonville |
| Beach Boulevard access management study | Analysis of access management strategies and treatments for improving bicycle and pedestrian safety along Beach Blvd (FDOT facility). | City of Jacksonville |
| Internally Illuminated Recessed Pavement Markers (iiRPMs) | Analyze feasibility and costs/OPCCs related to Internally Illuminated Recessed Pavement Markers (iiRPMs) (as implemented by FDOT). Develop prioritized list of feasible crossing locations for in street lighting treatments. | City of Jacksonville |
| Parklet Pilot Program Study | COJ's 2-way conversion project intends to add several parklets in the downtown area for residents to relax and to enhance commerce. This pilot study would take the parklet idea further by incorporating coverage (canopies), bicycle parking, and bioswales (parklet planters) in several temporary installments, to solicit public feedback and determine if a more permanent program would benefit the city. | City of Jacksonville |

DRAFT 2023 UNIFIED PLANNING WORK PROGRAM STUDY REQUESTS

| Study Name | Description | Recommended By |
|--|---|---------------------|
| Amelia Island Trail Phase 5 – Feasibility Study | Feasibility study and necessary preliminary engineering to adequately determine project costs and constraints to extend the Amelia Island Trail from the 8th Street and Amelia Island Parkway Intersection to the 14th Street and Sadler Road Intersection. This segment provides an integral connection through an existing underserved community to the remainder of the AIT. \$17,598,964 has already been funded for the greater Amelia Island Trail network. | Nassau County |
| Comprehensive Study of Lake Asbury Dashed Line Road System | The England-Thims & Miller study used by the development community to support possible bonded improvements is a limited look at the eventual dashed-line road system necessary to support proposed development in Lake Asbury. A number of additional “APF” roads are included in the master plan. This study will determine the necessity for these dashed line roads and what improvements are necessary to accommodate proposed buildout of the Lake Asbury Master Plan Area using the updated 2045 TPO Model. | Clay County |
| Mobility Fee Plan Study | This study will investigate the validity and steps needed to implement a mobility fee in the Town of Orange Park. | Town of Orange Park |
| Congestion Management Process Update | Provide an update to the North Florida TPO’s congestion management process (CMP). A CMP is a systematic and regionally-accepted approach for managing congestion that provides accurate, up-to-date information on transportation system performance and assesses alternative strategies for congestion management that meet State and local needs. A CMP is required in metropolitan areas with population exceeding 200,000, known as Transportation Management Areas (TMAs). | Staff |
| Reconnecting Communities Plan | This project will perform a regional assessment where projects consistent with the intent of the Reconnecting Communities program, quantify their need, develop conceptual alternatives and quantify the potential impacts and benefits of the project to meet the needs of the community. The evaluation of projects will include safety, mobility, economic redevelopment and access to community resources. | Staff |
| Riverbank Connector | With the growing demand for interconnectivity between the south bank and north bank, this plan will evaluate alternatives to improve the | Staff |

DRAFT 2023 UNIFIED PLANNING WORK PROGRAM STUDY REQUESTS

| Study Name | Description | Recommended By |
|----------------------------------|--|----------------|
| | connections between these areas to connect pedestrians and bicyclists. | |
| 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 |
| Mobility Hubs/Livability Centers | <p>The Mobility Hub/Livable Centers Study is to foster multimodal access and connectivity, a mix of uses, a diversity of housing options, and a sense of place. The study's conceptual framework and resulting catalyst projects should encourage walkability, connections within and between the nodes of community activity, and built environment strategies that support a strong and diverse economy. The Mobility Hub/Livable Centers Study should create a plan for the area that analyzes the safety and quality of the public realm, identifies existing as well as potential future pedestrian generators, and provides design solutions for an enhanced, attractive, connected and safe pedestrian environment.</p> | Staff |

DRAFT 2023 UNIFIED PLANNING WORK PROGRAM STUDY REQUESTS

| Study Name | Description | Recommended By |
|---|---|----------------|
| Terminal Optimization Study (Physical & Digital Infrastructure) | <p>Advancement of transportation technologies and physical infrastructure to improve safety, efficiency, reduce emissions, enhance system performance, and maximize return on infrastructure investments.</p> <ul style="list-style-type: none"> ○ Components/Focus Areas <ul style="list-style-type: none"> ▪ Reduce commercial vehicle operators dwell time at the gate and on terminal roadway networks <ul style="list-style-type: none"> • Intelligent Transportation Systems (ITS), Gate Systems, Off port staging • Reduce emissions ▪ Maximize port asset utilization (Sensors, IOT, Business Analytics) ▪ Enhance terminal and cargo visibility (Sensors, IOT) ▪ Maximize off-port Infrastructure <ul style="list-style-type: none"> • Intelligent Transportation Systems (ITS), Gate Systems, Off port staging, roadway improvements | Jaxport |
| Portwide Crane Electrification Feasibility Study | <p>Continued advancement of port electrification initiatives to reduce emissions, increase cargo capacity, efficiency, safety, and throughput across JAXPORT's marine terminals</p> <ul style="list-style-type: none"> ○ Components: <ul style="list-style-type: none"> ▪ Existing Conditions Study ▪ Alternatives Analysis <ul style="list-style-type: none"> ▪ Crane Electrification Implementation Strategy ▪ Continuity of Operations Plan (COOP) for Vessel Operations | Jaxport |
| TPO Distribution Method | 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. | CAC Member |
| First Coast Traffic Study | 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. | CAC Member |
| Pedestrian Intersection Crossing Study | 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. | CAC Member |

DRAFT 2023 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 |
| CR 210/ I-95 Interchange Traffic Study | This is a traffic study at the CR 210/ I-95 interchange, specifically at median openings within the vicinity to see what improvements in level of service and general safety could be gained by modifying existing medians. The study will provide design and operational recommendations to improve safety and efficiency. | St. Johns County |
| 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 |
| Smart City Master Plan | In 2017, the North Florida TPO produced its 'Smart Region Master Plan'. The study outlined impactful strategies to highlight how the North Florida TPO region could transform itself into a smart ecosystem. Based on the principles of this study, the City of Keystone Heights and Lake Region would like to undergo a similar assessment for smart capabilities | City of Keystone Heights |

Agenda Item E.

Annual Assessments for FY 2023/24

Information Only



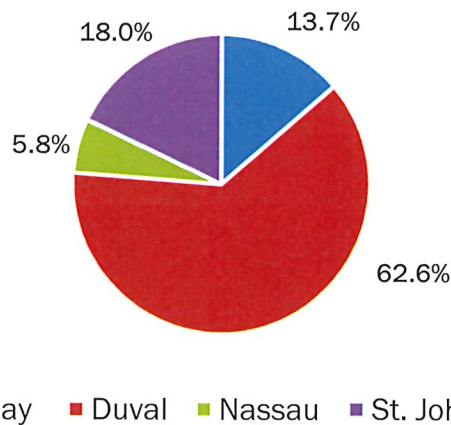
2023 Annual Assessment

| | BEBR Population Estimate 2022 | Annual Assessment = 25¢ per capita | 2022 Assessment | \$ Increase |
|--------------|-------------------------------|------------------------------------|-------------------|-----------------|
| Clay | 225,553 | \$ 56,388 | \$ 55,360 | \$ 1,028 |
| Duval | 1,033,533 | \$ 258,383 | \$ 254,202 | \$ 4,181 |
| Nassau | 95,809 | \$ 23,952 | \$ 23,253 | \$ 699 |
| St. Johns | 296,919 | \$ 74,230 | \$ 71,383 | \$ 2,847 |
| TOTAL | 1,651,814 | \$ 412,954 | \$ 404,199 | \$ 8,755 |

2023 Annual Assessment

| | | | |
|--|-------------------|-------------------|-----------------|
| Jacksonville Aviation Authority | \$ 16,149 | \$ 15,888 | \$ 261 |
| Jacksonville Port Authority | \$ 16,149 | \$ 15,888 | \$ 261 |
| Jacksonville Transportation Authority | \$ 16,149 | \$ 15,888 | \$ 261 |
| Nassau County Ocean Highway and Port Authority | \$ 1,497 | \$ 1,453 | \$ 44 |
| St. Augustine-St. Johns County Airport Authority | \$ 4,639 | \$ 4,461 | \$ 178 |
| TOTAL | \$ 54,583 | \$ 53,578 | \$ 1,006 |
| GRAND TOTAL | \$ 467,537 | \$ 457,776 | \$ 9,761 |

North Florida TPO Population by County



Agenda Item H.

Old Business

- **February 9, 2023 TPO Meeting Report**

North Florida TPO Meeting Report



Meeting Agenda

Thursday, February 9, 2022

10 a.m.

Call to Order

Pledge of Allegiance

Introductions

Public Comment

Consent Agenda

1. North Florida TPO Minutes of December 8, 2022

APPROVED

These minutes are ready for review and approval.

TPO Agenda

A. Finance Committee Report

APPROVED

- November Monthly Financial Statement
- December Monthly Financial Statement
- TPO Executive Director Contract Renewal (Action Requested)

B. FDOT Requests Amending the FY 2022/23 – FY 2026/27 Transportation Improvement Program (TIP)

**ACTION ITEM
TAC and CAC
Approved**

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

- **209443-3** – SR 228 (Post St.) from SR 111 (Cassat Ave.) to Old Roosevelt Blvd. Miscellaneous Construction
- **209537-9** – SR 201 (US 301A) Baldwin Bypass at Brandy Branch Road Parking Facility
- **446154-2** – SR 15 (US 17) from Ball Road to Black Creek Trail Bike Path/Trail
- **452554-2** – 5310 District Capital – Jacksonville UZA - JTA Capital for Fixed Route

- **452488-1** – 5310 Operating – Jacksonville UZA – The Arc of Jacksonville, Inc. Operating for Fixed Route
- **452553-1** – 5310 Capital – Jacksonville UZA – JTA – Clay County Capital for Fixed Route
- **446808-2** – SR 21 (Blanding Blvd.) from South of Wells Road to Duval County Line – Intersection Improvement
- **432259-2** – I-95 (SR 9) from South of SR 126 (Emerson Street) to Atlantic Blvd. Add Lanes and Reconstruct
- **432259-3** – I-95 (SR 9) from SR 202 (JT Butler) to South of SR 126 (Emerson St.) - Add Lanes and Reconstruct

C. Resolution Adopting 2023 Bridge and Pavement Targets

ACTION ITEM
TAC and CAC
Approved

Resolution is included in Section C.

D. Resolution Adopting 2023 System Performance Targets

ACTION ITEM
TAC and CAC
Approved

Resolution is included in Section D.

E. DRAFT 2023 List of Priority Projects (LOPP)

Information
 Only

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

F. DRAFT Requested Studies for FY 2022/23 – FY 2023/24 Unified Planning Work Program (UPWP)

Information
 Only

The draft list of requested studies is included in Section F. Approval will be requested at the May meeting.

G. Census Boundary Update

Information
 Only

Justin Bellot, FDOT’s RCI Coordinator, will give a brief update on the census boundaries.

H. Smart North Florida Update

Information
 Only

Ryan McClain, Hello Lamp Post’s Head of Community Engagement for North America, will give a brief presentation.

- I. Executive Director’s Report Information Only
- J. Secretary of Transportation’s Report Information Only
- K. Authority Reports Information Only
- L. Old Business
- M. New Business
- N. Public Comment
- O. Adjourn

Information

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

The next meeting will be March 9, 2023.

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.