

2020
Annual
List of
Priority
Projects

2020

Adopted: May 14, 2020

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



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OVERVIEW

The North Florida Transportation Planning Organization (North Florida TPO) Transportation Improvement Program (TIP) for Fiscal Years 2020/2021 through 2025/2026 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 (2025/2026) 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 and was approved by the North Florida TPO Board June 14, 2018.

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)

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:

http://northfloridatpo.com/images/uploads/FINAL_NFTPO_RSSP_NOV2019.v.3.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:

http://northfloridatpo.com/images/uploads/2019_NFTP_CMP.pdf

All documentation for the 2045 Long Range Transportation Plan is available at www.pathforward2045.com

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, Port 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 Coordinating Committee (TCC), Citizens Advisory Committee (CAC) and Transportation Planning Organization (TPO) Board for review and approval at the March TCC, CAC and TPO Board Meetings.
 - Mass transit, port 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 to use in developing the Five-Year Tentative Work Program.

REGION-WIDE PRIORITY PROJECTS

REGION-WIDE PRIORITY PROJECTS				
Rank	Project	Limits	Description	Status
PRIORITIES FUNDED IN THE CURRENT 5-YEAR WORK PROGRAM				
	CR 220 <i>Clay County</i>	Henley Road to Knight Boxx Road	Widen to 4-lanes	Construction FY 20/21
	First Coast Expressway <i>Clay and St. Johns Counties</i>	Blanding Boulevard to N of SR 16	New construction	Completion 2025
		N of SR 16 to E of CR 2209	New construction	Completion 2024
		E of CR 2209 to CR 16A spur	New construction	Construction 2022
		CR 16A spur to I-95	New construction	Construction 2023
	SR 16/CR 208 <i>St. Johns County</i>	@ I-95	Interchange improvements	Construction 2021
	SR 202 J. Turner Butler Boulevard <i>Duval County</i>	@ San Pablo Road	Modify interchange	Construction FY 19/20
	SR 111 Edgewood Avenue <i>Duval County</i>	US 17 to Cassat Avenue	Context sensitive solutions	Construction FY 19/20
	SR 313 <i>St. Johns County</i>	SR 207 to Holmes Road	New road construction	Construction FY 21/22
	US 17 <i>Clay County</i>	@ Governors Creek Bridge	Sidewalk	Construction FY 19/20
UNFUNDED PRIORITIES				
1	SR 313 Extension <i>St. Johns County</i>	SR 207 to US 1	New road construction	
2	SR 228 Normandy Boulevard <i>Duval County</i>	Equestrian Center to US 301	Widen to 4-lanes with bike lanes and sidewalks	
3	CR 220 <i>Clay County</i>	SR 21 to Henley Road	Widen to 4-lanes	
4	William Burgess Road Extension <i>Nassau County</i>	Miner Road to Amelia Island Concourse	New road construction	
5	US 17 Main Street <i>Duval County</i>	New Berlin Road to Pecan Park Road	Widen to 5-lanes with multi-use trail	*Moderate- Low Vulnerability
6	CR 2209 <i>St. Johns County</i>	CR 210 to International Golf Parkway	New 6-lane road	
7	CR 218 <i>Clay County</i>	Astor/Pine Tree to US 301	Widen to 4-lanes	
* Vulnerability evaluated in the Resiliency & Vulnerability Study				

2020 ANNUAL LIST OF PRIORITY PROJECTS

REGION-WIDE PRIORITY PROJECTS				
Rank	Project	Limits	Description	Status
8	SR 115 Lem Turner Road <i>Nassau County</i>	Duval County line to US 301	Widen to 4-lanes with multi-use trail	*Low Vulnerability
9	SR 10 Atlantic Boulevard <i>Duval County</i>	Silversmith Creek Bridge	Milling, resurfacing, railing and sidewalk construction	*Moderate-Low Vulnerability
10	Racetrack Road <i>St. Johns County</i>	Bartram Park Boulevard to Bartram Springs Parkway	Widen to 4-lanes	
11	SR 16 <i>Clay County</i>	Green Cove Springs Limits to FCX Interchange	Widen to 4-lanes	
12	SR 202 J. Turner Butler Boulevard <i>Duval County</i>	@ Kernan Road	Interchange improvements	*Moderate-Low Vulnerability
13	US 17 <i>Nassau County</i>	SR 200 to the Duval County Line	Widen to 4-lanes	
14	St. Johns Parkway <i>St. Johns County</i>	@ CR 210	New interchange	
15	SR A1A Mayport Road <i>Duval County</i>	SR 10 Atlantic Boulevard to Dutton Island Road	Context sensitive improvements	**High Crash Corridor *Moderate-High Vulnerability
16	Cheswick Oaks <i>Clay County</i>	Challenger Drive to end of developer funded 2-lane road	New 2-lane road	
17	US 1 <i>St. Johns County</i>	@ CR 210	Interchange improvements	
18	SR 21 Blanding Boulevard <i>Clay/Duval County</i>	Knight Boxx Road to Collins Road	Intersection Improvements	
19	SR 115 Southside Boulevard <i>Duval County</i>	US 1 to SR 212 Beach Boulevard	Intersection improvements	
20	SR 200/SR A1A <i>Nassau County</i>	US 17 to Amelia Island Parkway	Intersection Improvements	**High Crash Corridor *Moderate-High Vulnerability

*** Vulnerability evaluated in the Resiliency & Vulnerability Study**
**** High Crash Corridors identified in the Regional System Safety Plan**

AVIATION PRIORITY PROJECTS—JACKSONVILLE AVIATION AUTHORITY

JACKSONVILLE AVIATION AUTHORITY	
Rank	Project
1	JAX-Concourse B Replacement Estimated cost > \$233,000,000
2	Cecil-Eastside Roadway Estimated cost > \$12,500,000
3	Spaceport-Payload Prep Facility Estimated cost > \$2,000,000
4	Spaceport-Rocket Motor Test Facility Estimated cost > \$1,000,000

MASS TRANSIT PRIORITIES—JACKSONVILLE TRANSPORTATION AUTHORITY

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 CNG buses plus related equipment
2	Para-Transit (CTC)	Purchase para-transit equipment	Required for ADA compliance
3	Brooklyn Station	Skyway station	Skyway station for access at the O&M center in Brooklyn.
4	Autonomous Avenue	U2C Conversion	Conversion of infrastructure between Jefferson and JRTC stations to run U2C autonomous transit vehicles.
5	U2C Agile Program	Various U2C routes throughout the Jacksonville area.	Autonomous transit routes at various locations around Jacksonville.
6	U2C Extension 2	The second phase of the U2C program.	The second at-grade extension of the U2C program.
7	U2C Extension 3	The third phase of the U2C program.	The third at-grade extension of the U2C program.
8	U2C Extension 4	The fourth phase of the U2C program.	The fourth at-grade extension of the U2C program.
9	Ferry	Additional Ferry Boat	An additional boat is needed to increase capacity at the Mayport Ferry crossing.
10	Commuter Rail Project Development	Promote transit oriented development, station area planning, and funding for Commuter Rail service on the Southeast Corridor.	The project definition phase has been completed with good ridership projected, however, the corridor requires additional transit oriented policies to be competitive for federal funding
11	ITS/Corridor Development/ Service Enhancement	Develop/Implement a regional plan focused on transit and implement communications based elements	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
13	Regional Passenger and Operations Enhancements	Plan, design and construct new passenger and operations facilities	Provide new facilities to enhance passenger experience and increase efficiency of operations

These projects have been selected from the agency Transit Development Plan and prioritized by the Jacksonville Transportation Authority.

MASS TRANSIT PRIORITIES—ST. JOHNS COUNTY/SUNSHINE BUS

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/Sunshine Bus.

PORT PRIORITY PROJECTS—JAXPORT

JAXPORT	
	Project
	Blount Island Marine Terminal Berth Extension for RORO
	Harbor Deepening
	New RO/RO pier at Dames Point Marine Terminal (DPMT)
	Berth reconstruction at Blount Island Marine Terminal and Talleyrand Marine Terminal
	RO/RO expansion at Dames Pont Marine Terminal
	Terminal Expansion near Talleyrand, Blount Island and Dames Point Marine Terminals
	ITS improvements for cargo movements at JAXPORT Terminals
	Dredge Material Management Area (DMMA) expansion/creation

TRANSPORTATION ALTERNATIVES PROGRAM (TAP) PROJECTS

The Transportation Alternatives Program (TAP) was authorized under Moving Ahead for Progress in the 21st Century Act (MAP-21). North Florida TPO Staff requested input from member counties, cities and authorities for proposed multi-use trail projects within the North Florida TPO area. Staff also requested input from the school boards and districts within the North Florida TPO area for the School Safety Walks projects. The following table includes multi-use Trail and School Safety Walks projects submitted for funding in FY 2025/2026.

MULTI-USE TRAILS				
Rank	Project Name	Limits	Estimated Cost	Status
CONSTRUCTION FUNDED				
	Amelia Island Parkway Multi-Use Trail, Phase 2, Nassau County	Bailey Road to 14 th St	\$876,107	Const FY 23/24
		SR A1A/8 th Street to Bailey Road	\$166,500 PE	PE FY 19/20
		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
UNFUNDED PRIORITIES				
1	McCoy's Creek Greenway <i>Duval County</i>	<u>Segment 1:</u> Edison Avenue to King Street	\$1M	
		<u>Segment 2:</u> King Street to Osceola Ave	\$1M	
		<u>Segment 3:</u> Osceola Avenue to Margaret St	\$1M	
2	Vilano Trail <i>St. Johns County</i>	Cedar Avenue Vilano Beach to Mickler Road	Study on-going	
3	Black Creek Trail Extension across US 17 Bridge <i>Clay County</i>	US17 from Ball Rd to Black Creek Trail	\$3.5 M	
4	14th Street Trail <i>Nassau County</i>	Dee Dee Boat Ramp to Sadler Rd, down Sadler Rd to Will Hardee and down Will Hardee extending to the Simmons Rd Trail	\$8.5 M	

TRANSPORTATION ALTERNATIVES PROGRAM (TAP) PROJECTS

SCHOOL SAFETY SIDEWALKS			
Rank	Project Name	Limits	Cost Estimate
1	Henry Kite Elementary <i>Duval County</i>	Sidewalk network surrounding the school within a 2 mile radius (5 th Ave., Carey Ave., Clyde Drive, Highland Ave., Ribault Ave., 7 th Ave., 4 th Ave., Washington Ave.,	\$382,540
2	Valley Ridge Academy St. Johns County	Palm Valley Road from Walden Chase neighborhood to Valley Ridge Drive	N/A
3	Yulee Elementary School Nassau County	Sidewalks on Felmor Road to provide access to Yulee Elementary School.	\$568,908

SUNTRAILS PRIORITIES

For the 2021 List of Priorities Projects the North Florida TPO will expand the SunTrails Priorities to include projects for which a preliminary feasibility study has been performed with cost estimates and for which local governments. Details will be provided in Fall 2020.

SUN TRAILS PROJECT PRIORITIES			
Rank	Project Name	Project Description/Project Limits	Estimated Cost
RIVER TO SEA LOOP			
	St. Johns River to Sea Loop	West of I-95 to City of St. Augustine to Flagler County Line	
INDIVIDUAL TRAILS			
1	Timucuan Trail <i>Duval County</i>	Huguenot Park to Ft. George River	\$8.7M
2	Amelia Island Trail <i>Nassau County</i>	Phase II-Amelia Island Parkway Multi-Use Trail Segments 1 and 2	\$2.5M
3	Vilano Trail <i>St. Johns County</i>	Cedar Avenue Vilano Beach to Mickler Road	Study ongoing

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 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. These projects are not ranked.

TRANSPORTATION REGIONAL INCENTIVE PROGRAM (TRIP) PROJECT PRIORITIES			
County	Project	Limits	Description
Baker	Midpoint Parkway/Truck By-Pass, Phase 1		Construct new 2-lane road
Clay	CR 218	Cosmos to US 301	Widen to 4-lanes
Clay	CR 220	SR 21 to Knight Boxx	Widen to 4-lanes
Duval	SR 202 J. Turner Butler Boulevard	@ Belfort Road	Intersection improvements
Duval	US1	@ SR 115 Southside Boulevard	Intersection improvements
Nassau	William Burgess Road	Miner Road to Amelia Island Concourse	Construct new 2-lane road
Nassau	New Road	William Burgess Road to Mentoria Road	Construct new 2-lane road
Putnam	US 17	Volusia County Line to Pomona Park/Feagle Avenue	Widen to 4-lanes
St. Johns	I-95	@ SR 16	Interchange improvements
St. Johns	SR 16	@ International Golf Parkway	Intersection improvements