

River to Sea CAC/TCC Meetings

August 15, 2023

1:15 p.m. & 3:00 p.m.



I. Call to Order/Roll Call/Determination of Quorum/ Pledge of Allegiance





II. Public Comment/Participation



III. ACTION ITEMS

A. REVIEW AND APPROVAL OF THE JUNE 20, 2023 CAC/TCC MEETING MINUTES



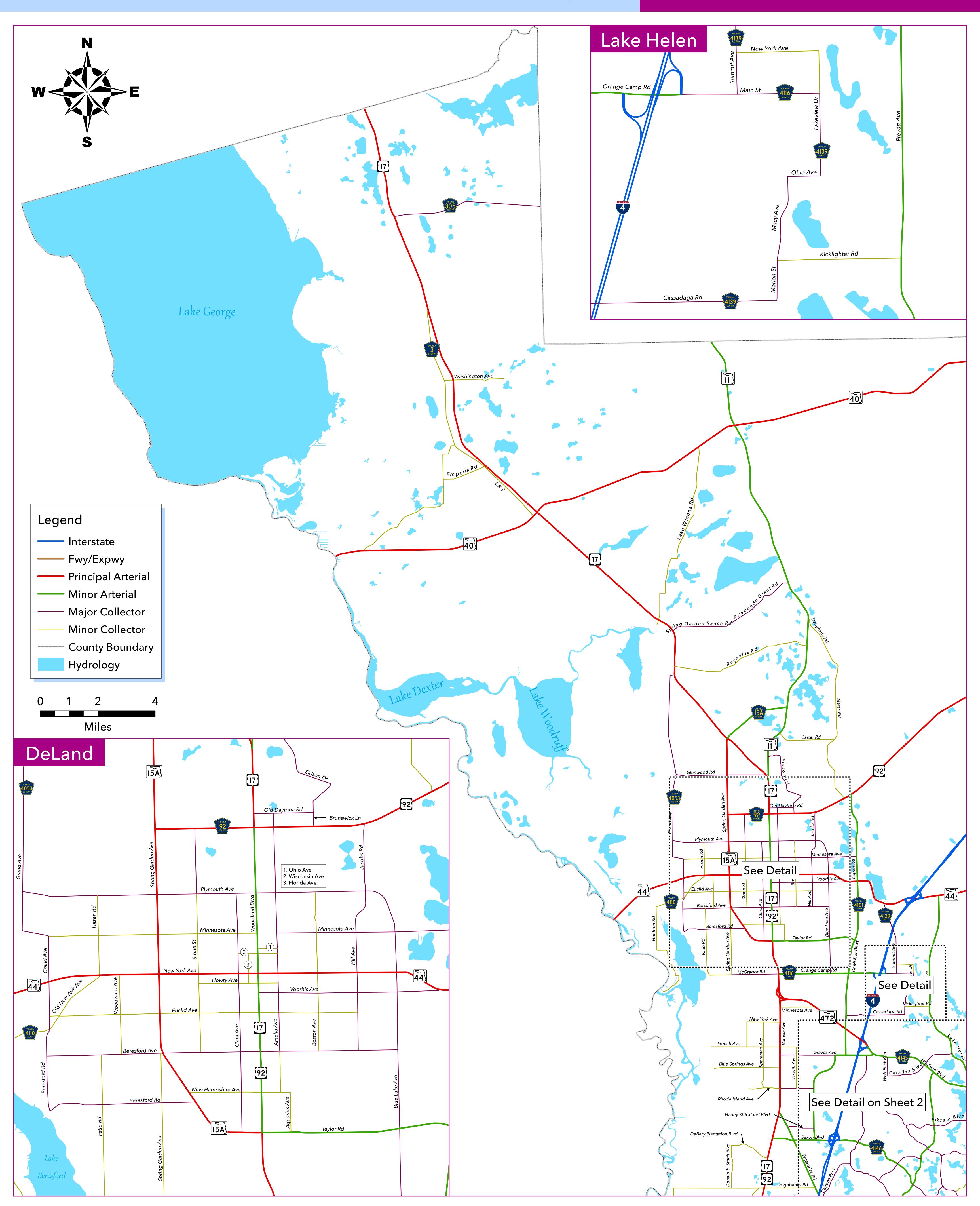
III. ACTION ITEMS

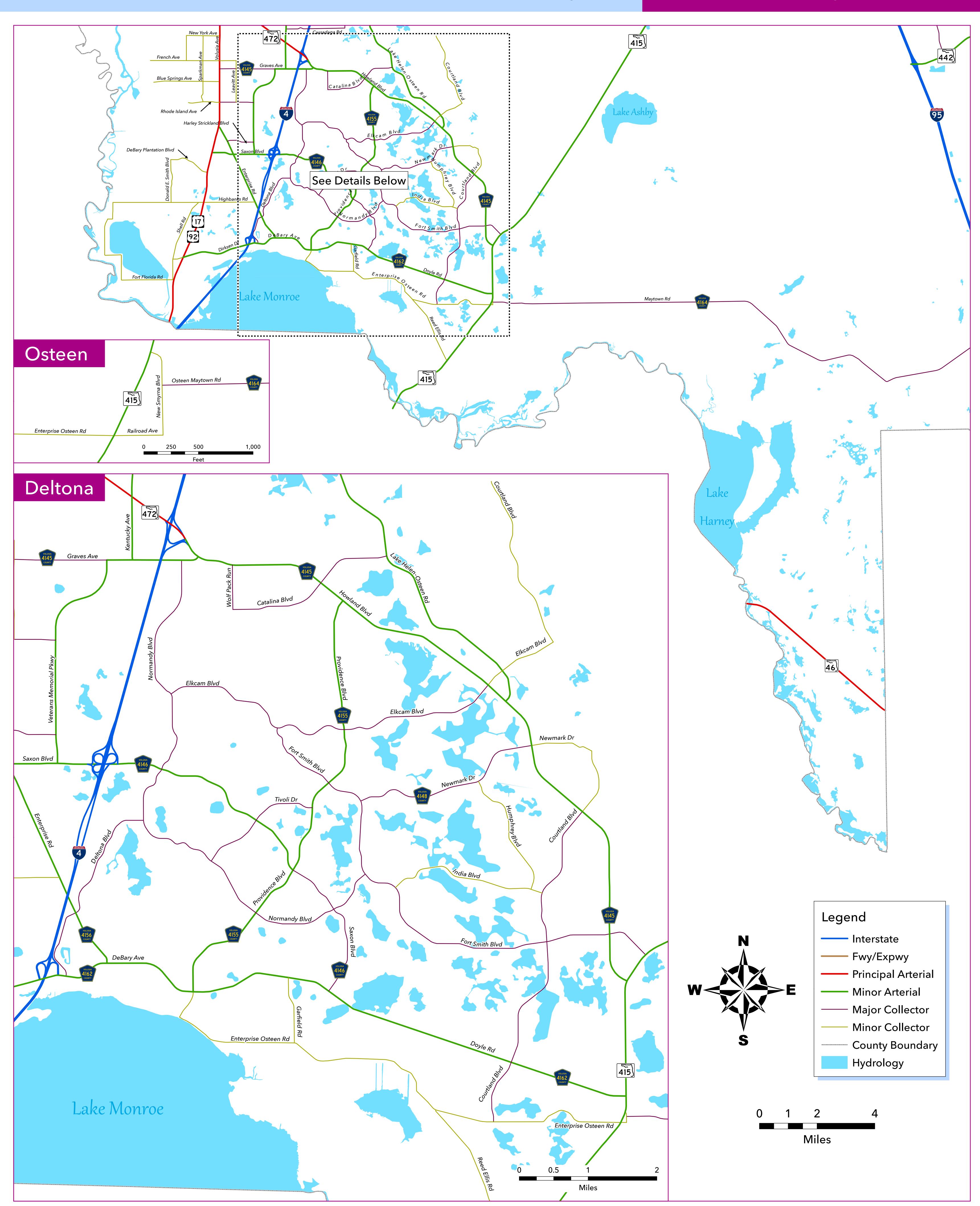
B. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2023-## AMENDING THE FY 2023/24 TO FY 2027/28 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) (ROLL CALL VOTE REQUIRED)

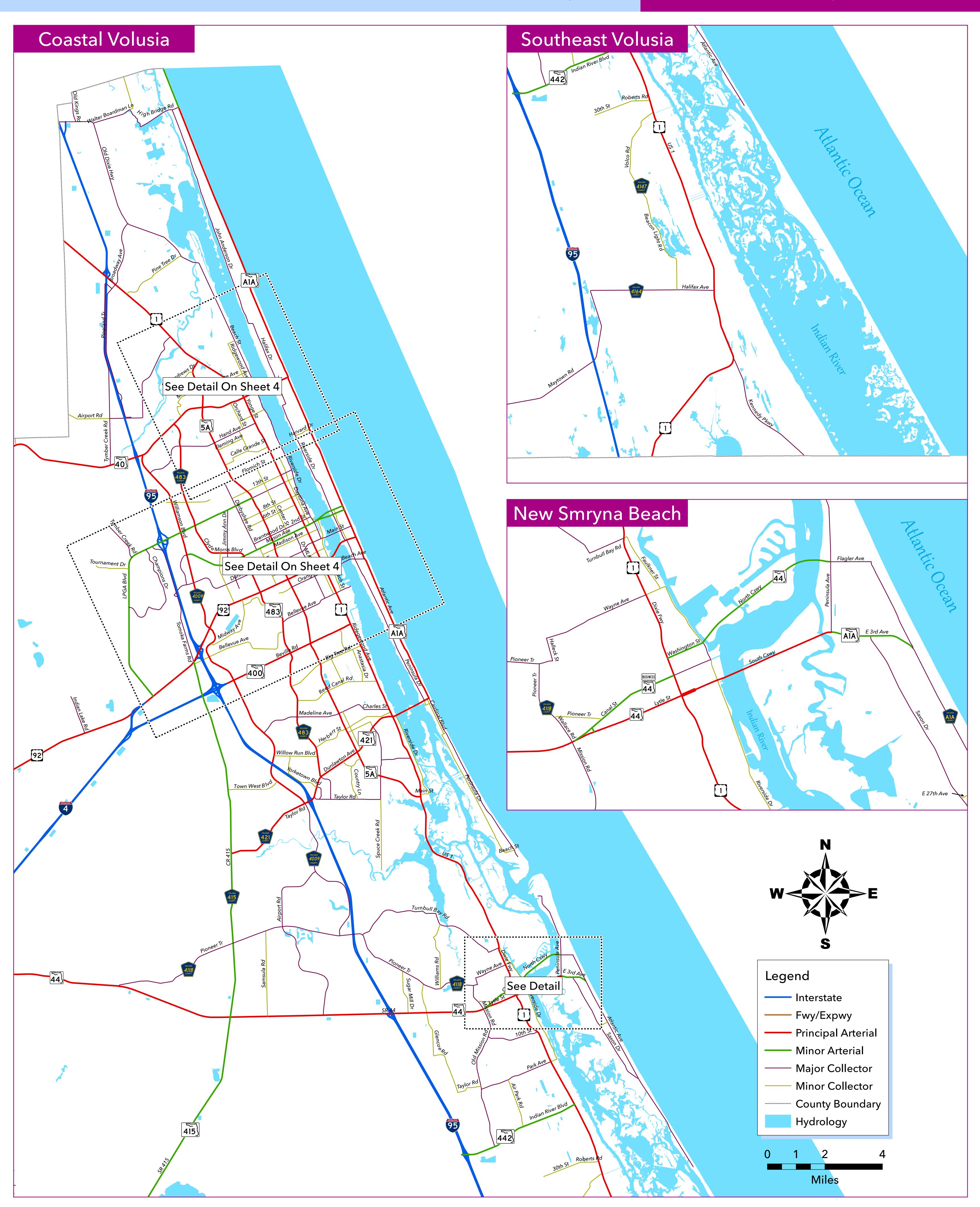


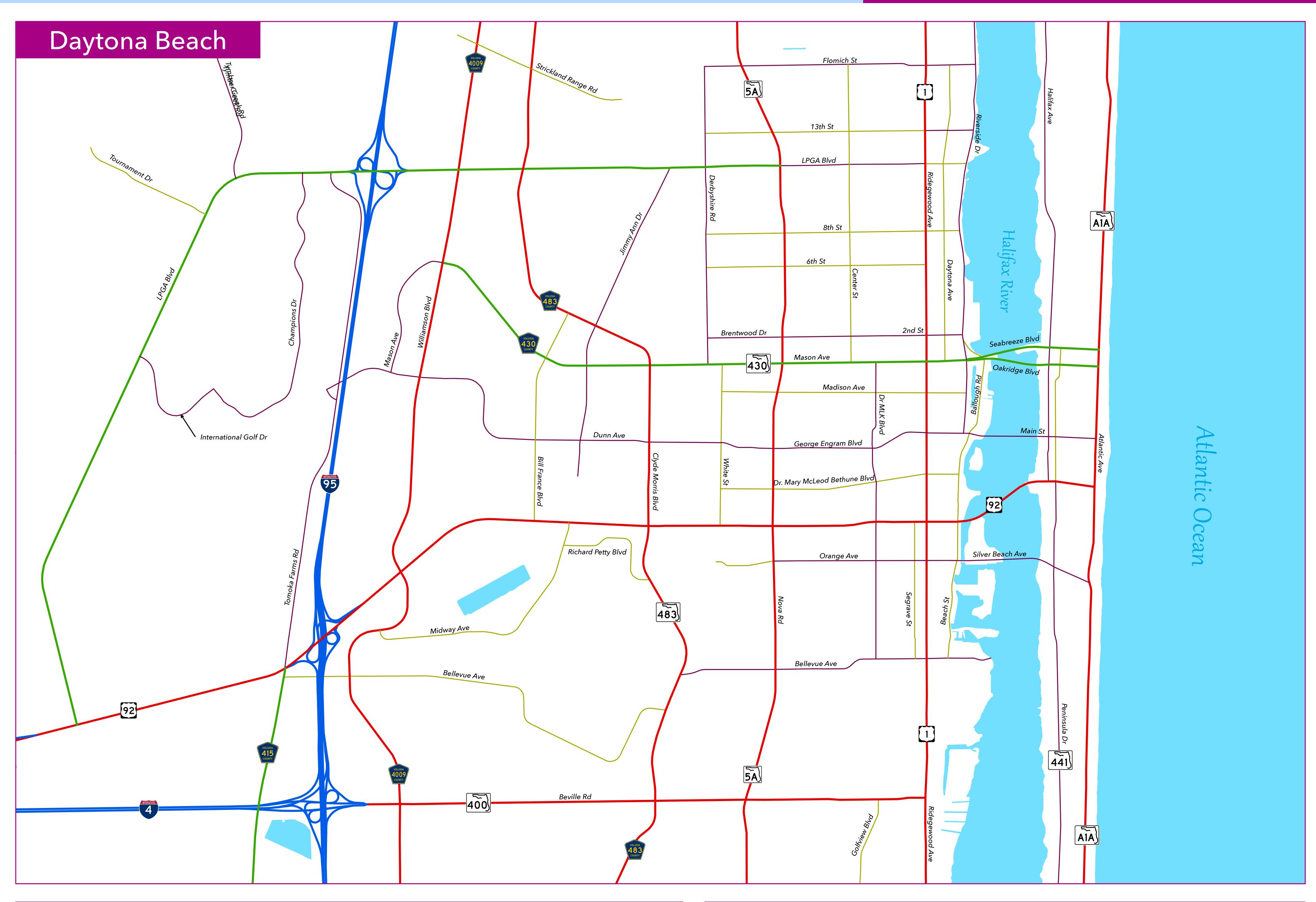
III. ACTION ITEMS

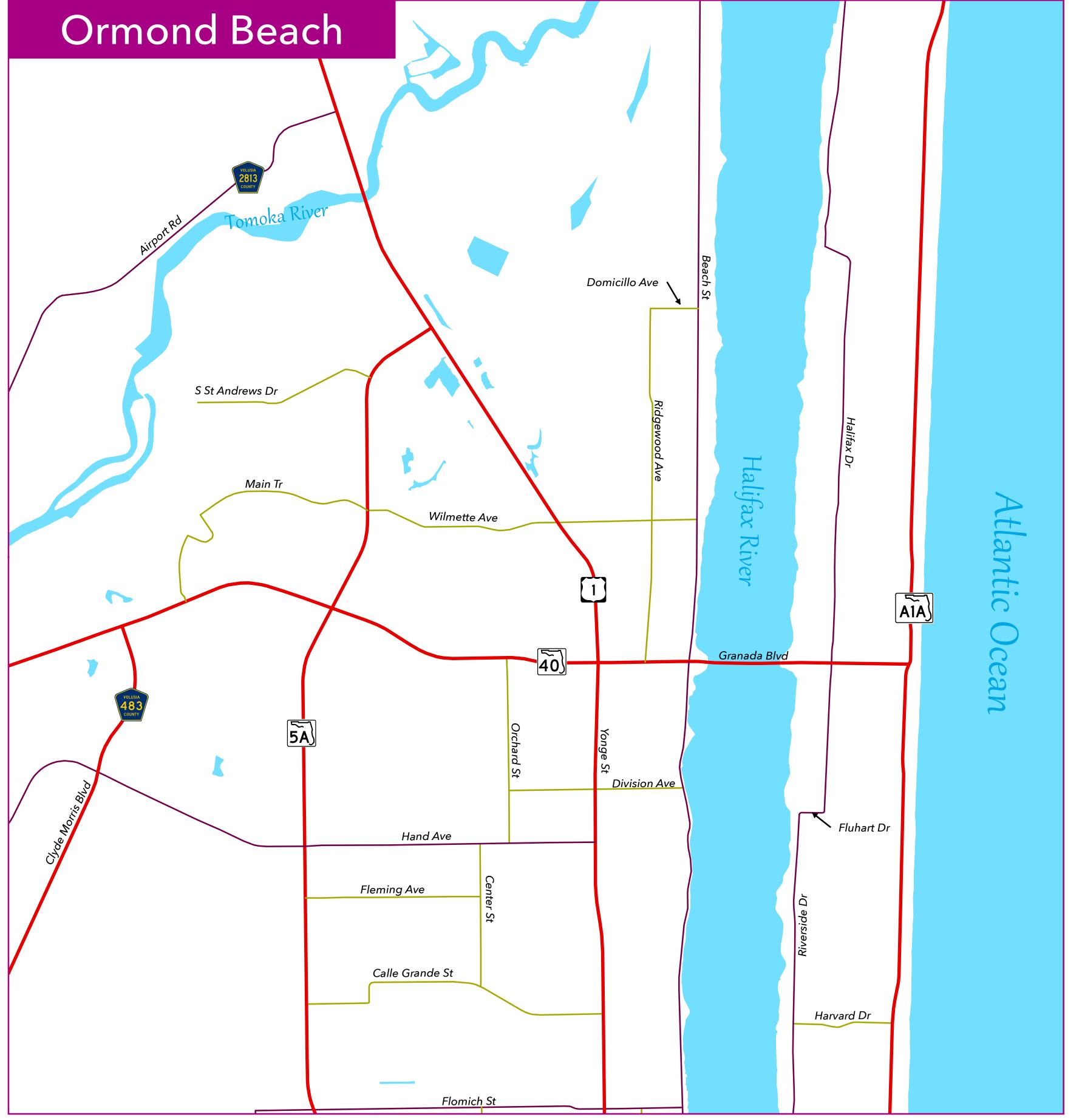
C. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2023-## ADOPTING THE VOLUSIA AND FLAGLER COUNTY FUNCTIONAL CLASSIFICATION MAPS











The 2020 Functional Classification of Public Roadways is a decennial effort mandated by the Federal Highway Administration (FHWA).

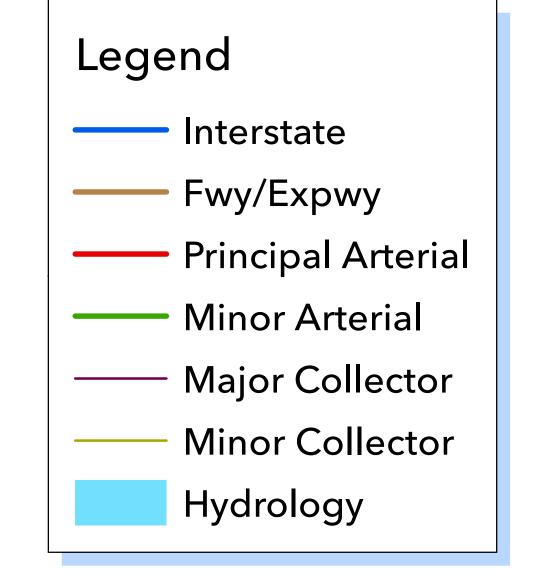
It is headed by the Florida Department of Transportation (FDOT) with participation from the public, as well as our local agency partners.

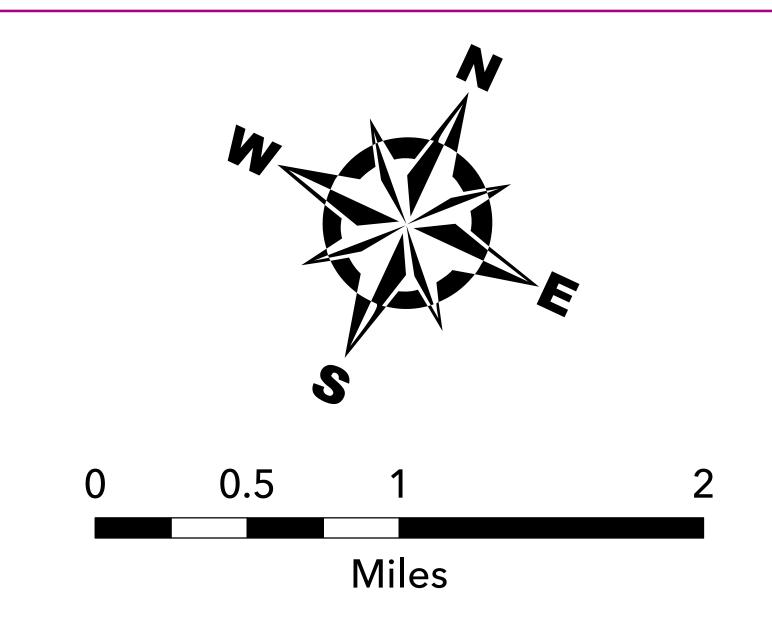


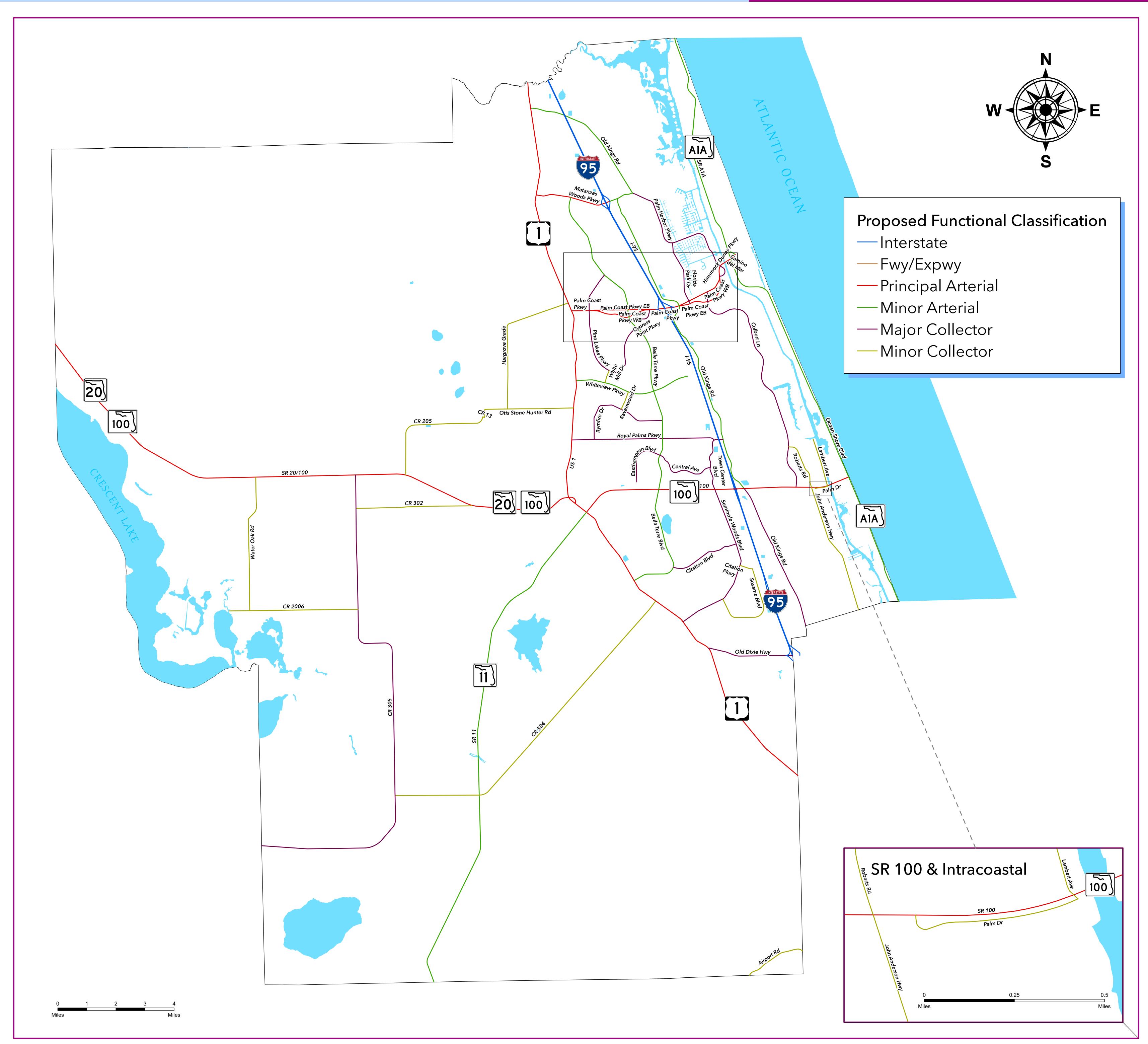
U.S. Department of Transportation

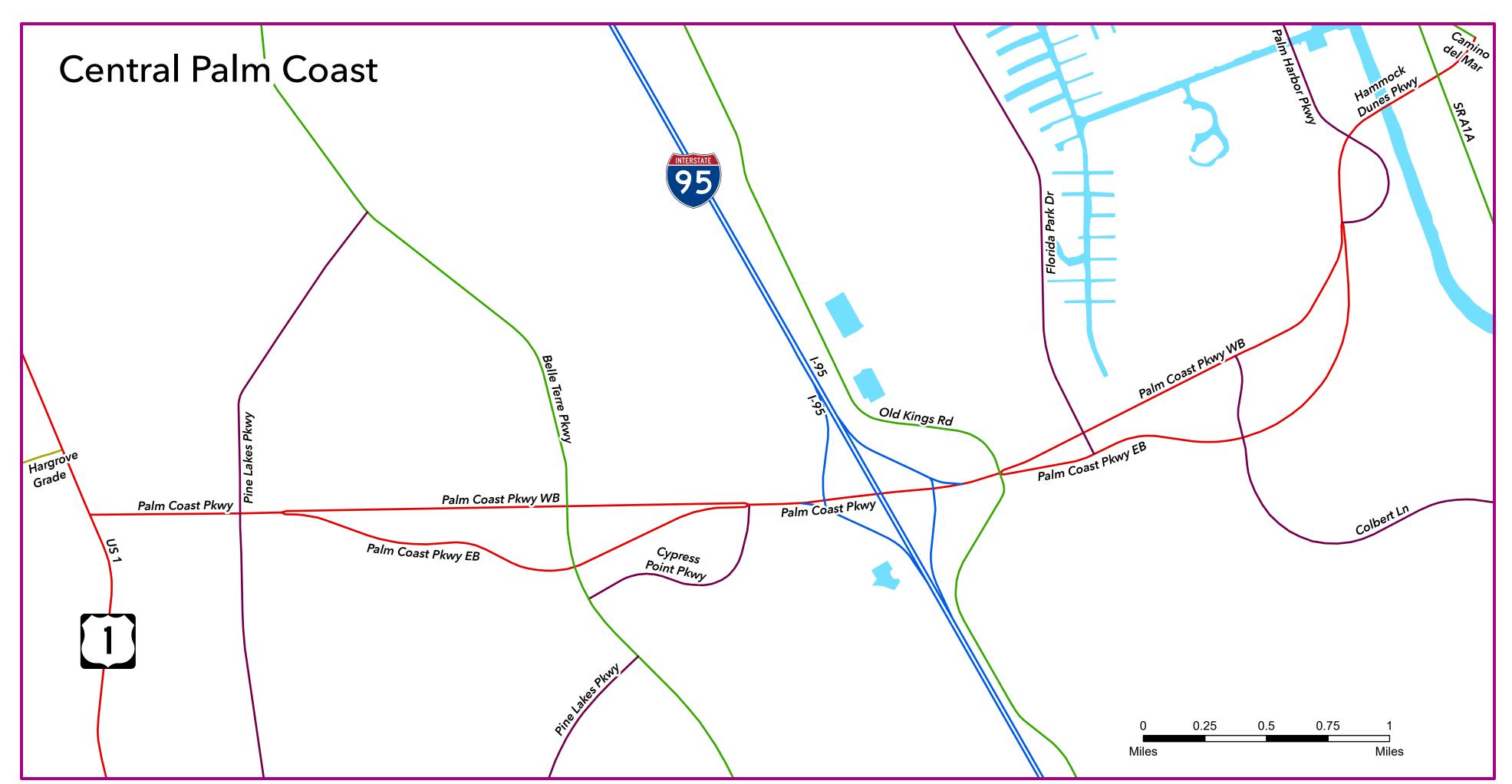
Federal Highway Administration











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U.S. Department of Transportation

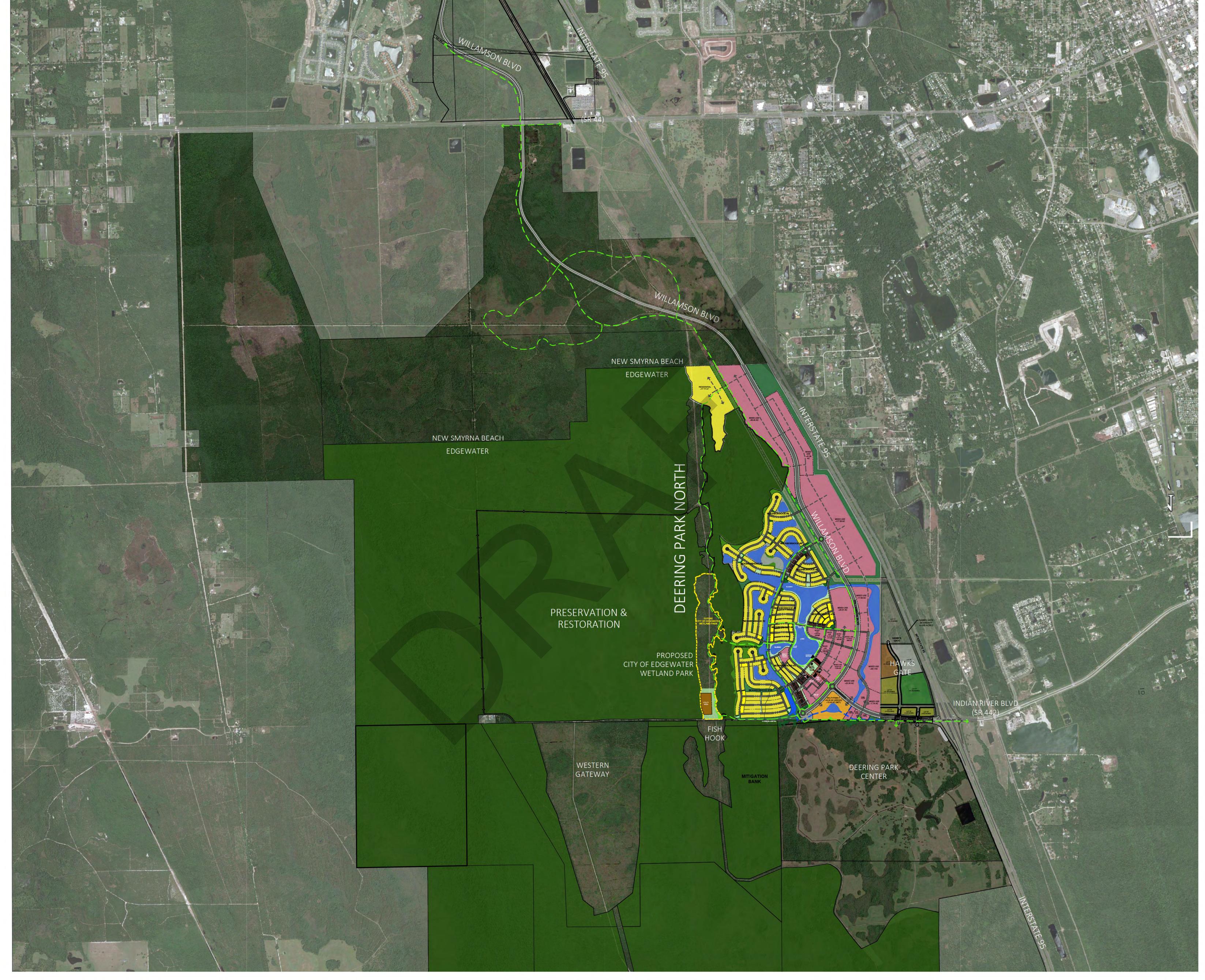
Federal Highway Administration

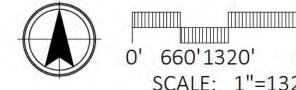




III. ACTION ITEMS

D. REVIEW AND RECOMMEND APPROVAL TO AMEND THE LIST OF SHARED-USE NON-MOTORIZED (SUN) TRAIL PROJECTS







River to Sea TPO List of Shared Use Nonmotorized (SUN) Trail Projects Draft 6/20/2023

Tier "A" - Projects in the SunTrail Work Program										
Regional Trail						Project		Unfunded	Estimated Total	
System	FM#	County	Project Name	Project Limits	Description	Sponsor	Programmed Phase(s)	Phase(s)	Project Cost	Comments
SJR2C	4390396	Volusia	Spring to Spring Gap:	W Highbanks Rd to	Trail	Volusia	CST-\$2,411,243 FY	None	\$1,500,000	FULLY-FUNDED
			DeBary (Phase 3C)	DeBary Plantation Bv		County	24/25			
C2C, HOF	4391951	Volusia	Coast to Coast Gap:	Fort Florida Rd to Coast	Trail	DeBary	CST \$225,000 FY 20/21	None	\$500,000	FULLY-FUNDED
			DeBary	to Coast Trail						
SJR2C	4398622	Volusia	Oak Hill to Edgewater:	US 1 to Dale Ave	Trail	Volusia	CST-\$5,889,944 FY	None	\$8,238,945	FULLY-FUNDED
			US 1			County	25/26			
SJR2C	4398641	Volusia	New Smyrna Gap:	10 th St to SR 44/Lytle Av	Trail	New	CST-\$2,099,830 FY	None	\$4,111,232	FULLY-FUNDED
			Myrtle Av	, ,		Smyrna	23/24 CEI-\$298,120 FY			
						Beach	23/24			
SJR2C	4398652	Volusia	Palmetto Av Gap	Ridge Bv to Beville Rd	Trail	South	PE-\$50,000-FY 23/24	None	\$3,068,898	FULLY-FUNDED
						Daytona	CST-\$1,451,746 FY			
							24/25			
							CEI-\$156,100 FY 24/25			
SJR2C	4398653	Volusia	Spruce Creek Rd Gap	S of Selin Cir to Herbert	Trail	Port Orange	CST-\$421,600-FY 22/23	None	\$468,320	FULLY-FUNDED
				St						
SJR2C, HOF	4102511	Volusia	US 17 Trail	W. Baxter St to SR 40	Trail	Volusia	PE-TBD	CST	TBD	Moved from Tier "B"
						County				
SJR2C	447963-1	Volusia	New Smyrna Gap: SR 44	SR 44/Lytle Av to US 1	Trail	New	PD&E-\$750,000 FY	PE, CST	TBD	PD&E Study
			to US 1			Smyrna	22/23			
						Beach				

River to Sea TPO List of Shared-Use Nonmotorized (SUN) Trail Projects

Tier "B" - Projects Awaiting Funding										
Regional Trail						Project		Unfunded	Estimated Total	
System	FM#	County	Project Name	Project Limits	Description	Sponsor	Programmed Phase(s)	Phase(s)	Project Cost	Comments
HOF	4106761	Volusia	SR 40 Black Bear Scenic	Volusia/Lake County	Trail	Volusia	PD&E Study	PE, CST	TBD	
			Trail	Line to US 17		County				
SJR2C	4398654	Volusia	South Daytona Gap	Sauls St/McDonald Rd to	Trail	South		CST		
				Carmen Dr/Ridge Bv		Daytona			TBD	
SJR2C	4398655	Volusia	US 1 Trail	South St to Nova Rd	Trail	Volusia		PE, CST	TBD	
						County				
SJR2C	4398721	Volusia	Ormond Beach Gap: SR	Cassen Park to A1A	Trail	Ormond		PE, CST	TBD	
			40			Beach				
SJR2C	4398742	Volusia	Spring to Spring Gap:	Lake Beresford Park to	Trail	Volusia		ROW, CST	TBD	
			DeLand	Old New York Av		County				
SJR2C	4398743	Volusia	Spring to Spring Gap:	Old New York Av to SR	Trail	Volusia		ROW, CST	TBD	
			DeLand	44		County				
SJR2C	4398744	Volusia	Spring to Spring Gap:	SR 44 to	Trail	Volusia		ROW, CST	TBD	
			DeLand	Minnesota/Grand Av		County				
SJR2C	4398761	Volusia	SR 15 (US 17)	SR 40 to Putnam County	Trail	Volusia		CST	TBD	
				Line		County				
SJR2C	4428741	Volusia	SJR2C Loop Trail (A1A)	Plaza Dr to	Trail	Volusia		PE, CST	TBD	
	4509461			Volusia/Flagler County		County				
				Line						
SJR2C		Volusia	Sauls St to Carmen Dr	Sauls St to Carmen Dr	Trail	South	PE, CST	\$8,800,000		
			Shared Use Path			Daytona				
SJR2C		Volusia	Halifax River/East Coast	Orange Ave to VM	Trail	Daytona		PE, CST	\$910,270	AKA Sweetheart Trail
			Greenway Trail	Bridge (Phase 1); VM		Beach				Loop
				Bridge to ISB (Phase 2)						
Palm Coast to		Flagler	Graham Swamp Trail	Lehigh Trail to Graham	Trail	Palm Coast		PE, CST	\$3,430,000	
Ormond Trail			Gap, Phase 2	Swamp Trail head						
Corridor										
East Central		Volusia	Deering Park North Trail	SR 44 to East Central	<u>Trail</u>	Edgewater		PE, CST	TBD	
Regional Rail				Regional Rail Trail						East Central Regional
<u>Trail</u>										Rail Trail connection to
										Florida Wildlife Corrido



IV. PRESENTATION, STATUS REPORTS, AND DISCUSSION ITEMS

A. PRESENTATION AND DISCUSSION OF THE NOVA ROAD (SR 5A) COALITION CORRIDOR IMPROVEMENT PROJECT





Nova Road Coalition FPID No.: 450644-1
Presentation to River to Sea TPO





PROJECT OVERVIEW

RECOMMENDED ALTERNATIVE

WHAT HAPPENS NEXT?

Nova Road Coalition | FPID No. 450644-1

What is a Coalition?

Potential Improvements
Incorporated into a Roadway
Maintenance Project

Focused on Community Engagement

Implementation of Safety Improvements

Design and Construction Phases are Already Funded

Nova Road Coalition FPID No. 450644-1

Project Partners

Agency Partners

Community Partners

FDOT

City of Ormond Beach

Volusia County

River to Sea TPO Ormond Beach Chamber of Commerce

The Trails
Shopping
Center

The Trails
Homeowners
Association

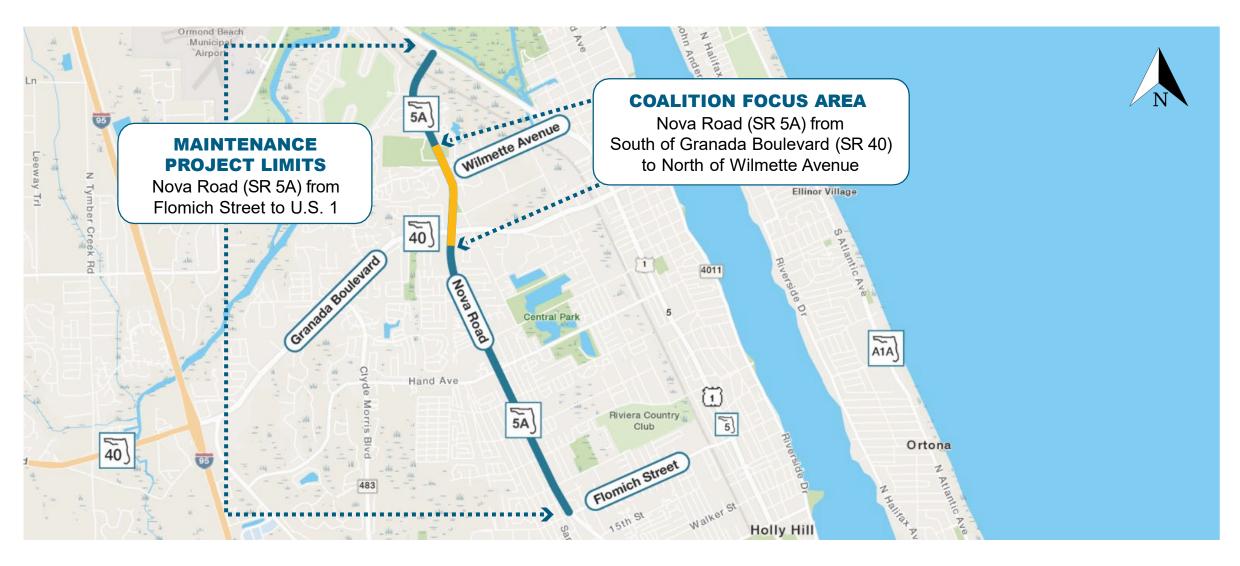
Tomoka Oaks Homeowners Association Avante at Ormond Beach

Volusia Memorial Funeral Home and Cemetery

Ormond Beach Marketplace

Rivergate Village

Project Limits and Focus Area



Nova Road Coalition FPID No. 450644-1

What are the Goals of this Project?

Address Key Issues: Safety **Speed Management** Pedestrian/Bicyclist Mobility

Study Nova Road (SR 5A) from Community **Perspective**

Consider Context:

Land Use **Business Access Traffic Demand**

Develop Alternative Concepts

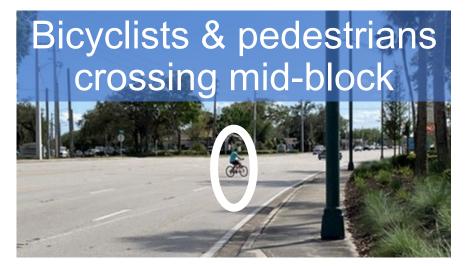
Community-Centric Improvements

Engage The **Community**

Prepare for Maintenance Project

Design FY 2024 | Construction FY 2026

Identified Issues









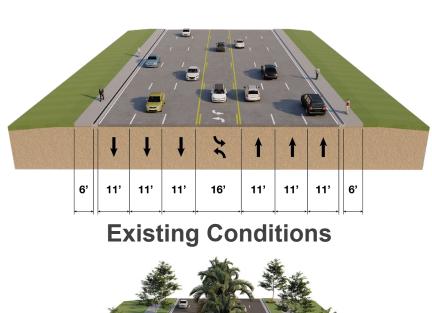
Nova Road Coalition FPID No. 450644-1





Recommended Alternative

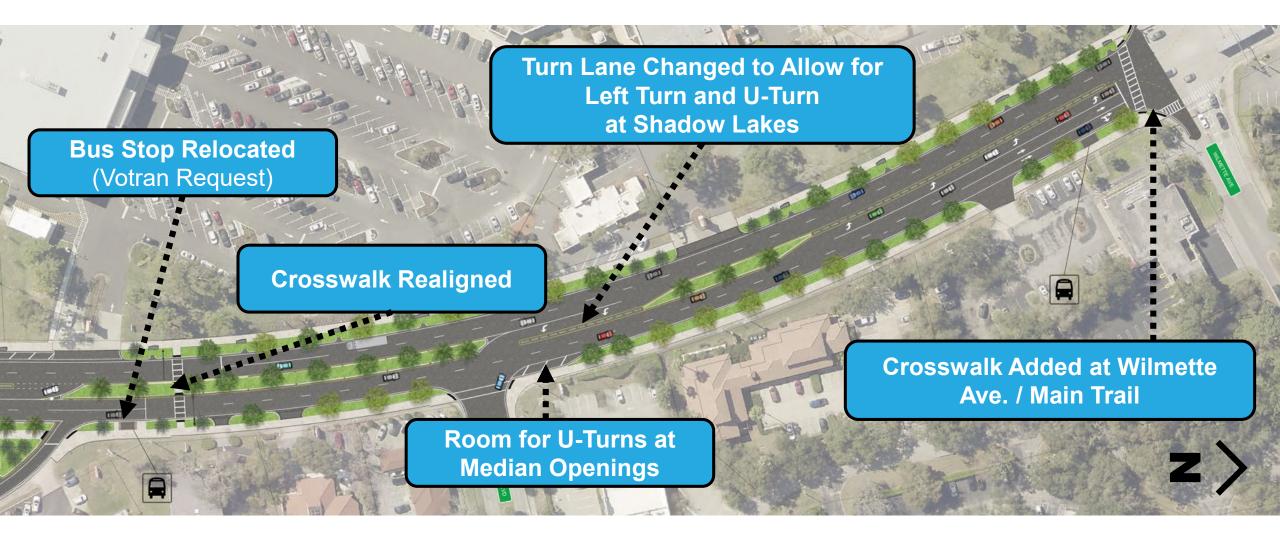
- Alternative #1 Wider Sidewalk and Landscape Buffer
- Recommendation based on PVT input and Community comments
- Final concept to include modifications based on feedback



8' 8' 11' 11' 16' 11' 11' 8' 8'

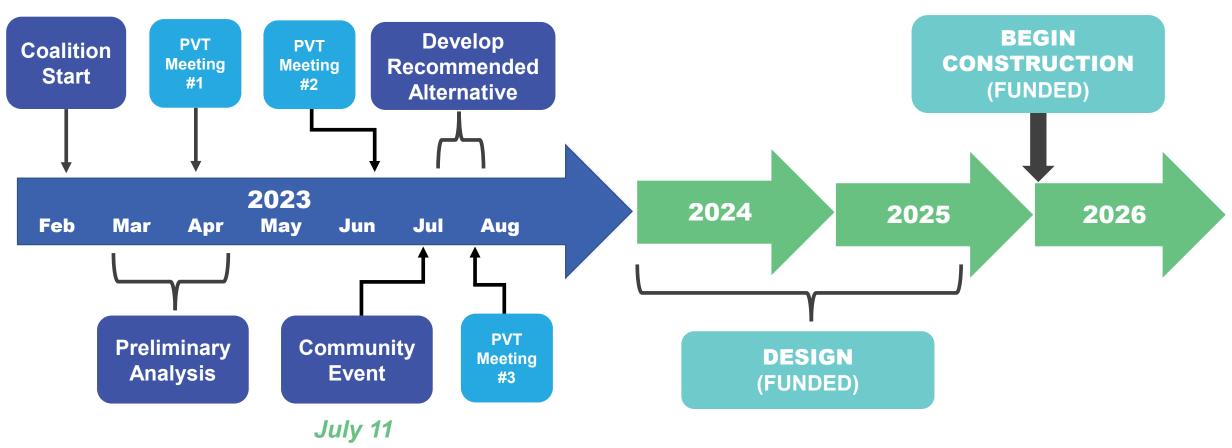
Alternative 1

Final Recommended Concept



Nova Road Coalition FPID No. 450644-1

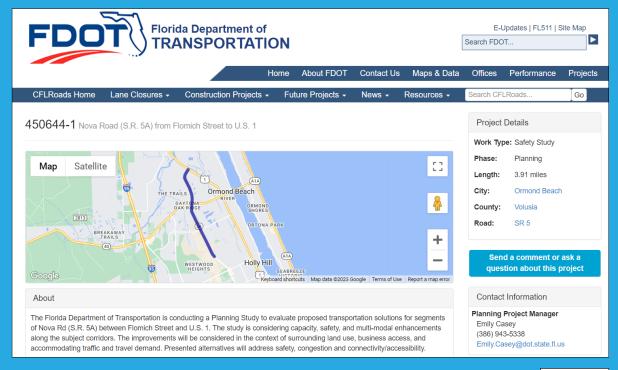
Schedule Overview



All dates are subject to change

Stay Informed

Project Web Page on CFLRoads:



www.cflroads.com/project/450644-1



Design Project Contact:

Gene Varano FDOT Project Manager

FDOT District Five 719 S. Woodland Blvd., MS 542 DeLand, FL 32720

Phone: 386-943-5145

Email: Gene.Varano@dot.state.fl.us

Nova Road Coalition FPID No. 450644-1

Thank You!





IV. PRESENTATION, STATUS REPORTS, AND DISCUSSION ITEMS

B. PRESENTATION AND DISCUSSION OF THE FDOT CENTRAL FLORIDA I-4 TRUCK PARKING FACILITIES APPLICATION TO THE US DOT INFRASTRUCTURE FOR REBUILDING AMERICA (INFRA) GRANT PROGRAM



Truck and Freight Site Analysis Project Development & Environment (PD&E) Study

Interstate 4 (District 5)
Financial Project Identification (FPID) No.: 447724-1



National Truck Parking Need

48%

SAFETY

Of truck drivers spend over an hour searching for a place to park.

\$5.1B

ECONOMICS

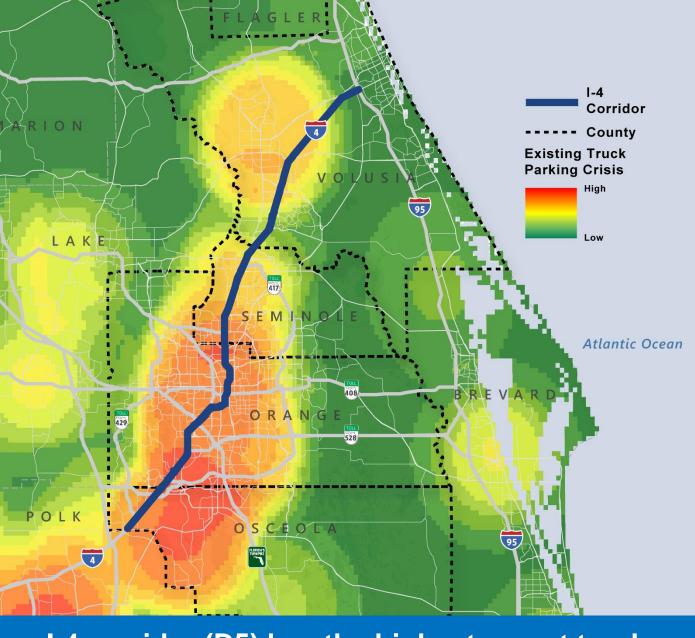
Annual loss in revenue due to lack of truck parking (wasted fuel, time lost, additional maintenance, associated crashes, etc.)

Source: TruckerPath (2018 national statistics)









I-4 corridor (D5) has the highest unmet truck parking demand in the state

I-4 Truck Parking Need

36 C

Current Available Spaces

481

Current Existing Demand

750

2025 Demand

883

2040 Demand



Purpose and Need

Identify, evaluate, and recommend viable candidate truck parking sites near the D5 I-4 corridor for public and/or private development.

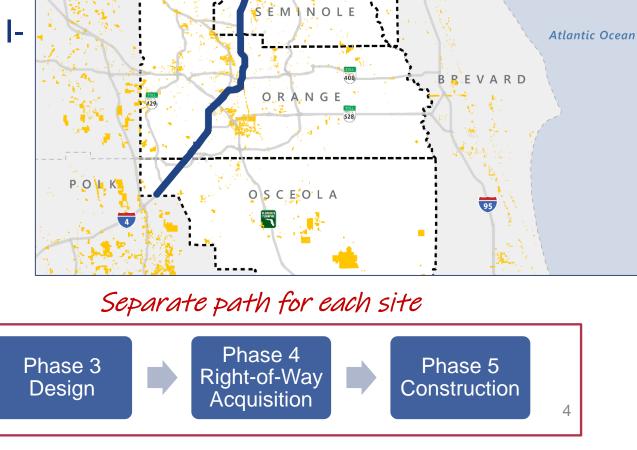
Phase 2

PD&E Study

we are here

Phase 1

Planning



FLAGLER

MARION

Corridor

County Boundary

Freight Facilities

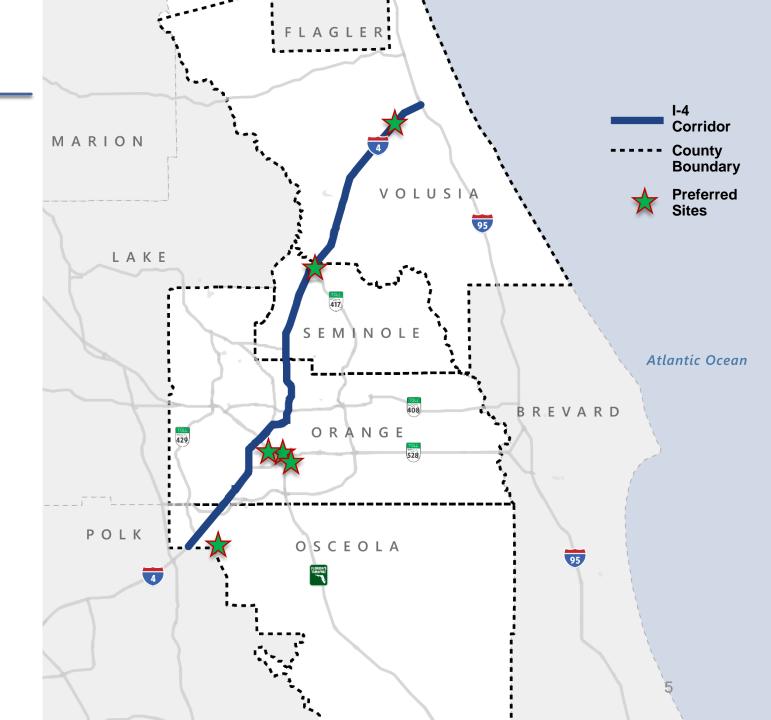


Viable Sites



Osceola County, Orange County, Seminole County, Volusia County



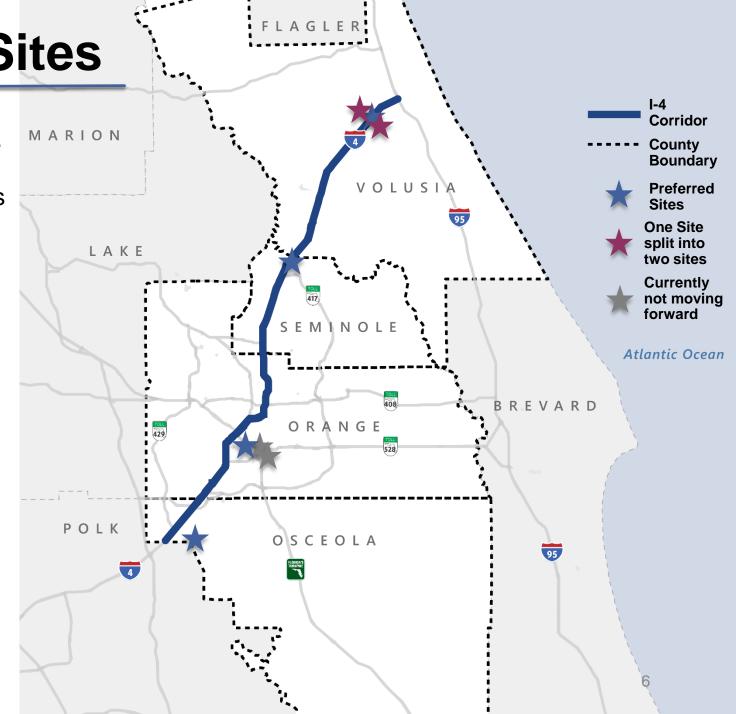




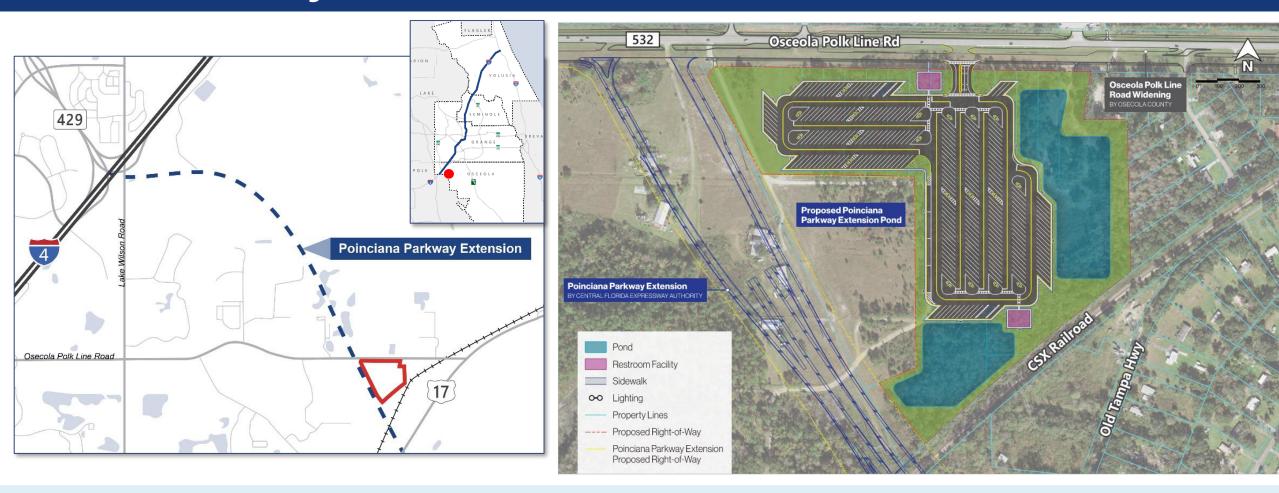
Recommended Sites

- Orange County Sites 2 and 4 are on hold due to funding constraints.
- Volusia Site will be documented as 2 independent sites (EB & WB)
- 1. Osceola County Site 1
- 2. Orange County Site 1
- 3. Seminole County 1B
- 4. Volusia County 1A (EB)
- 5. Volusia County 1B (WB)

Seminole County Site 1B, as recommended by this PD&E Study, is in Design. PD&E Reevaluation of the I-4 BtU Segment 3 project underway



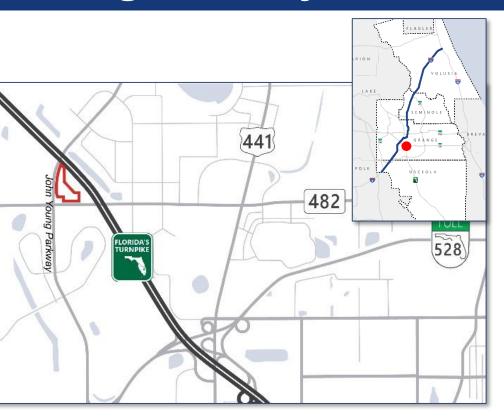
Osceola County Site – Osceola-Polk Line Road



Site Capacity: 234 Spaces

ROW Needed: 40.1 acres

Orange County Site — Sand Lake Road at John Young Parkway (near FL Turnpike)





Site Capacity: 109 Spaces

ROW Needed: 20.2 acres (all existing FTE ROW)

Seminole County Site – 1-4 at US 17/92





Site Capacity: 132 Spaces

ROW Needed: 18.7 acres (1.3 acres of total is proposed FDOT ROW for I-4 BtU as No-Build Alternative)

Currently in design as part of the I-4 BtU project.

Volusia County Site 1A – Eastbound 1-4

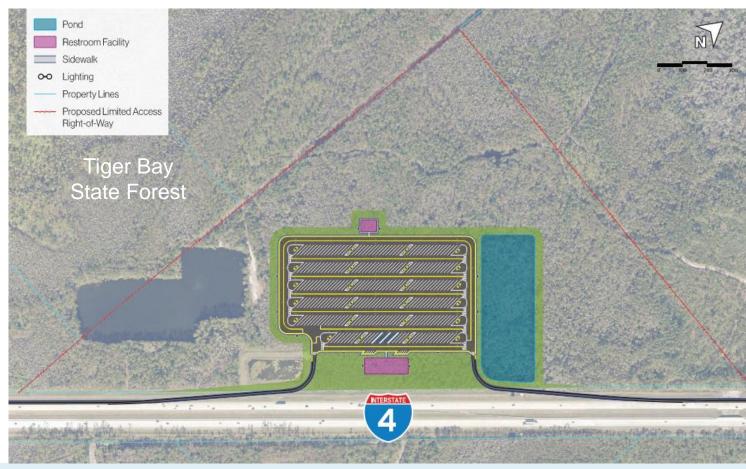


Site Capacity: 275 spaces

ROW Needed: 73.3 acres (publicly owned by City of Port Orange)

Volusia County Site 1B – Westbound 1-4





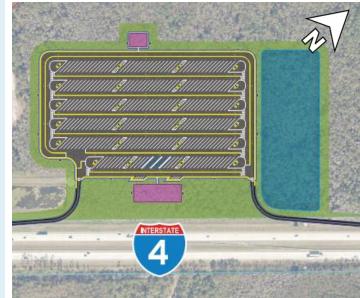
Site Capacity: 253 spaces

ROW Needed: 116.8 acres (publicly owned by City of Daytona Beach)

Adjacent to Tiger Bay State Forest (west of parking site)

Volusia County Sites – *Key Amenities/Characteristics*

- Access: new access to I-4 via on- and offramps; no local access
- Restroom facilities on each site
- Sidewalk around site for safe access to restrooms
- Range of Spaces:
 - Truck parking spaces
 - Passenger vehicle parking spots for maintenance vehicles
 - EV Charging/Electrification: 10% of total spaces for each site
- Truck Parking Availability System (TPAS)
- Security
 - Security office
 - Surveillance Cameras
 - 24-hour security personnel desired







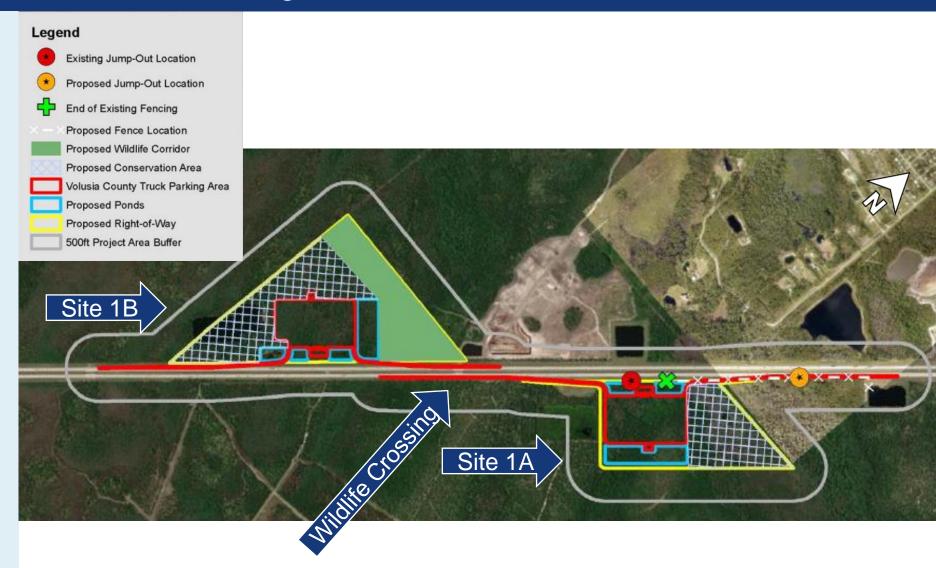
Volusia County Sites - Wildlife Crossing/Conservation

Conservation area proposed

Wildlife fencing proposed

Lighting shields to minimize effects

Jump-out relocated within footprint



Project Schedule and Funding by Site

Project Site	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
*Volusia WB										
*Volusia EB										
Seminole										
*Orange										
*Osceola										
Phase	Design			ROW			Construction			

*PD&E scheduled to complete by Spring 2024

INFRA Grant

Requesting federal funds for 60% of total project cost for 4 of the 5 sites:

- Volusia County Site 1A
- Volusia County Site 1B
- Seminole County Site
- Osceola County Site

INFRA Criteria:

- Safety
- State of Good Repair
- Economic Impacts, Freight Movement, and Job Creation
- Climate Change, Resiliency, and the Environment
- Equity, Multimodal Options, and Quality of Life
- Innovation Areas (Technology, Project Delivery, and Financing)

FDOT requesting letter of support

LRTP Planning Consistency





Contact

For additional information, please contact:

Mark Trebitz, P.E.

FDOT Project Manager

Phone: 386-943-5157

Mark.Trebitz@dot.state.fl.us



IV. PRESENTATION, STATUS REPORTS, AND DISCUSSION ITEMS

C. PRESENTATION AND DISCUSSION OF TPO REAPPORTIONMENT

PLAN SCENARIOS

Apportionment Plans





Federal and State Regulations

- Federal Law 23 CFR 450.310 and 23 CFR 450.312
- State Law Chapters 339.175 and 339.176 F.S.
- River to Sea TPO Board Policies Weighted Voting Structure

Apportionment Plans Must Include

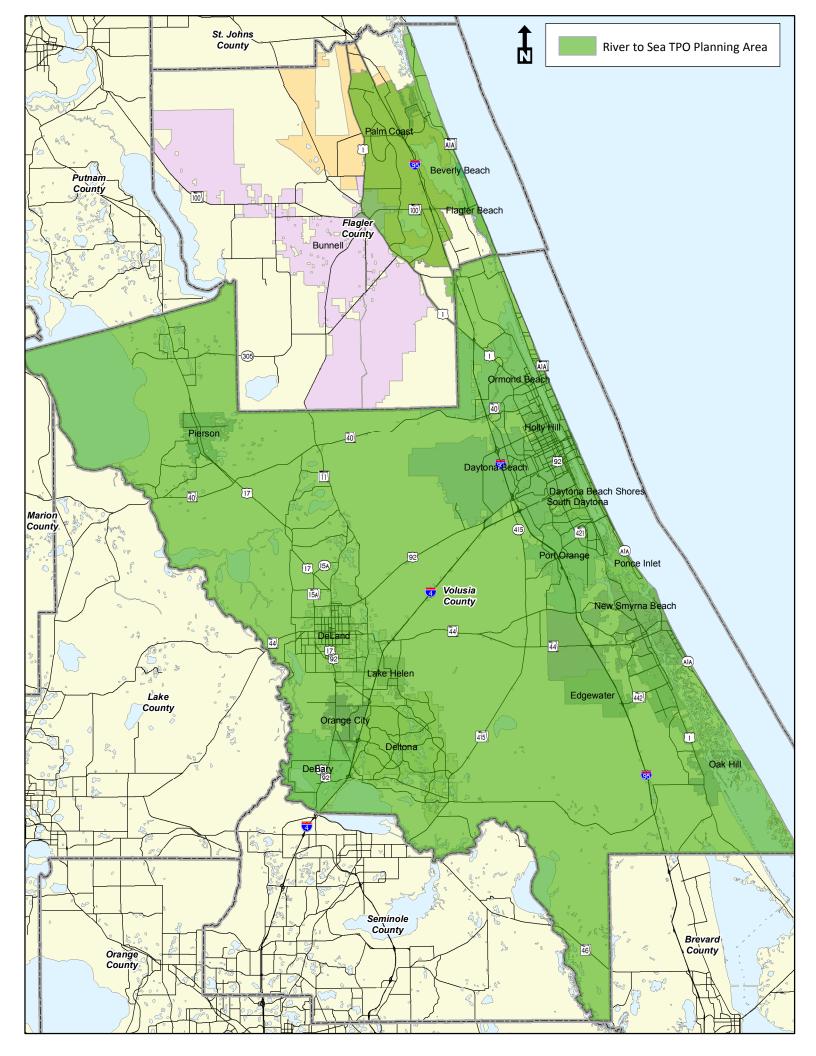
- 2010 and 2020 Census Population in MPO Area
- Current MPO Membership (local and government agencies)
- Proposed MPO Membership (local and government agencies)
- Methodology used to determine the proposed changes, if any
- MPA Boundary Map
- MPO Board resolution adopting the Apportionment Plan

Apportionment Plan Timeline



Current Apportionment Plan

- 19 Voting Members and 6 Non-Voting Advisors
- Voting Members
 - 6 County Representatives 5 Volusia/1 Flager
 - 12 Largest Cities based on Population
 - 1 Small City Alliance 7 smalles cities based on population - rotating vote
- Non-Voting Advisors
 - Volusia and Flagler County School Boards, Chairperson of the TCC, CAC and BPAC, FDOT Representative
- Current MPA Boundary



Apportionment Plan Considerations

- MPA Boundary Map
 - Encompass urban areas and areas expected to become urban within 20 years
 - Adjustments in Flagler County
- Voting Membership
 - Maximum 25 Voting Members
 - County Members Must Represent 1/3 Voting Membership
- Weighted Voting Structure

CURRENT VOTING MEMBERSHIP

Jurisdiction	Seats	2010 Seat Weight	2010 Population	2018 (Current) Population*	2018 (Current) Seat Weight	
County Representation	6	33.33%	122,206	122,522	33.33%	
Volusia County	1	6.36%			6.35%	
Volusia County	1	6.36%	116,655 ¹	116,678 ¹	6.35%	
Volusia County	1	6.36%			6.35%	
Volusia County	1	6.36%			6.35%	
Volusia County	1	6.36%			6.35%	
Flagler County ²	1	1.51%	5,551	5,844	1.59%	
Municipal Representation	13	66.67%	459,983	506,579	66.67%	
Larger City Total	12	63.72%	439,629	484,985	63.82%	
Deltona	1	12.35%	85,182	91,007	11.98%	
Palm Coast ²	1	10.90%	75,182	84,575	11.13%	
Daytona Beach	1	8.84%	61,005	66,267	8.72%	
Port Orange	1	8.12%	56,048	61,009	8.03%	
Ormond Beach	1	5.53%	38,137	41,140	5.41%	
DeLand	1	3.92%	27,031	34,106	4.49%	
New Smyrna Beach	1	3.26%	22,464	26,407	3.48%	
Edgewater	1	3.01%	20,750	23,319	3.07%	
DeBary	1	2.80%	19,320	20,774	2.73%	
South Daytona	1	1.78%	12,252	12,703	1.67%	
Holly Hill	1	1.69%	11,659	11,958	1.57%	
Orange City	1	1.54%	10,599	11,720	1.54%	
Small Cities Alliance	1	2.95%	20,354	21,594	2.84%	
Flagler Beach	Shared	-	4,484	4,726	-	
Daytona Beach Shores	Shared	-	4,247	4,294	-	
Ponce Inlet	Shared	-	3,032	3,111	-	
Lake Helen	Shared	-	2,624	2,752	-	
Bunnell ²	Shared	-	2,101	2,598	-	
Oak Hill	Shared	-	1,792	1,997	-	
Pierson	Shared	-	1,736	1,760	-	
Beverly Beach	Shared	-	338	356	-	
TOTAL	19	100.00%	582,189	629,101		

^{*} Bureau of Economic and Business Research (unless otherwise noted)
(Numbers may not add due to rounding)

Note: Bunnell - The Proposed Population of Bunnell is for the planning area for 2017. The following datasets were downloaded to calculate the Bunnell's population:

- 2016 Flagler County population data from the American Community Survey (ACS) with census block group shapefiles
- City of Bunnell Boundary from the Florida Geographic Data Library (FGDL) site
- Census tract data from the United States Census Bureau site

Note: Palm Coast - After reviewing the aerial imagery of the west side of Palm Coast, which is outside of the TPO boundary, there are no residential buildings to indicate the population in the area. Most of the area is rural, and only a few commercial or industrial buildings are located on the west side of the city. In this situation, the BEBR population estimates are used for Palm Coast.

Note: Unincorporated Flagler County - 2015 Traffic Analysis Zone (TAZ) socioeconomic and 2018 Google Earth imagery data sources are used to calculate the population within the planning area.

¹ Unincorporated area population

² Bunnell, Palm Coast, and Unincorporated Flagler County population is for the planning area

Apportionment Plan Scenarios

Boundary

- Update MPA Boundary to reflect new urban areas
- Update MPA Boundary to refect anticipated urbanized areas within 20 years
- Update MPA Boundary to include all of Flagler County

<u>Membership</u>

- Maintain Existing Apportioned Voting Seats
- Increase Existing Apportioned Voting Seats
- Weighted Voting Structure

Next Steps

- Discuss Potential Scenarios with the TPO Board Next Week
- Further Coordination with Affected Local Governments
- Present Draft Apportionment Plan September
- Present Final Apportionment Plan for Approval October
- Transmit Apportionment Plan to the State November 14th



IV. PRESENTATION, STATUS REPORTS, AND DISCUSSION ITEMS

D. FDOT REPORT



IV. PRESENTATION, STATUS REPORTS, AND DISCUSSION ITEMS E. VOLUSIA COUNTY AND FLAGLER COUNTY CONSTRUCTION REPORTS



V. STAFF COMMENTS



VI. CAC/TCC MEMBER COMMENTS



VII. INFORMATION ITEMS

CAC & TCC Attendance Records
River to Sea TPO Outreach and Events
Upcoming River to Sea TPO Events
TPO Board Report



VIII. ADJOURNMENT

The next CAC & TCC meetings will be on September 19, 2023