

Volusia-Flagler 2050

Preliminary Needs Assessment (DRAFT – 4/15/2025)

The Preliminary Needs Assessment maps and tables represent a tentative list of roadway projects¹ to consider for prioritization and potential inclusion in the *Volusia-Flagler 2050* Cost Feasible Plan. Each of the roadway projects is included for one or more of the following reasons:

- Identified in an existing cost feasible plan such as the *Connect 2045* Long Range Transportation Plan (LRTP) and/or the FDOT Strategic Intermodal System (SIS) Long Range Cost Feasible Plan
- Identified in the Volusia-Flagler TPO 2024 List of Prioritized Projects
- Identified as local needs
- Identified as a potential need based upon forecasted peak hour traffic demand from the Central Florida Regional Planning Model v7 which is based upon socioeconomic and other data

Taken together, the three separate categories delineated in the maps (SIS, State Highway (Non-SIS), and Non-State Major Roadways) provide a comprehensive view of roadway needs. However, each category differs as follows:

- **Strategic Intermodal System (SIS) [Map A1]**
The SIS is Florida's high priority network of transportation facilities. SIS projects are identified at the state level by FDOT with input from MPOs and local governments. Projects identified on this map are included in the existing SIS Long Range Cost Feasible Plan, SIS 5-year Plans, the *Connect 2045* LRTP Cost Feasible Plan, or are related to SIS projects. In *Volusia-Flagler 2050*, these projects will be included on a separate SIS cost feasible project list. While the LRTP development process may lead to suggested revisions to some of these projects, changes to the SIS plans are determined outside of this process.
- **State Highway System (Non-SIS) [Map A2]**
The State Highway (Non-SIS) needs are located on major non-SIS corridors that are on the State Highway System. These projects could be funded through federal (TMA) funds and State Highway System (Non-SIS) funds as defined in the *Volusia-Flagler 2050* Revenue Forecast. Specific TMA (SU) set-asides are defined in [VFTPO Resolution 2024-20](#).
- **Non-State Major Roadways [Map A3]**
These needs are located on roadways that are not on the SIS or State Highway Systems (i.e., roads owned by counties and municipalities). These projects could be funded

¹ Note that Public Transit and Regional Trail needs are identified and presented in Maps B and C.

through the Other Roads (Non-SIS, Non-SHS) funds as defined in the *Volusia-Flagler 2050 Revenue Forecast* or expected to be funded through local revenue sources.

The projects in the tables are not listed in priority order. Numbering is provided to identify projects on the corresponding map. Ranking will take place after prioritization categories and criteria are finalized.

Where noted in the table, project phase acronyms refer to the following:

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

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A1 - SIS

This map shows projects on the Strategic Intermodal System (SIS) network that are identified for funding in existing plans. The SIS is the state's high priority network of transportation facilities.

St. Johns



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Flagler

Volusia

Lake

Atlantic Ocean




Brevard

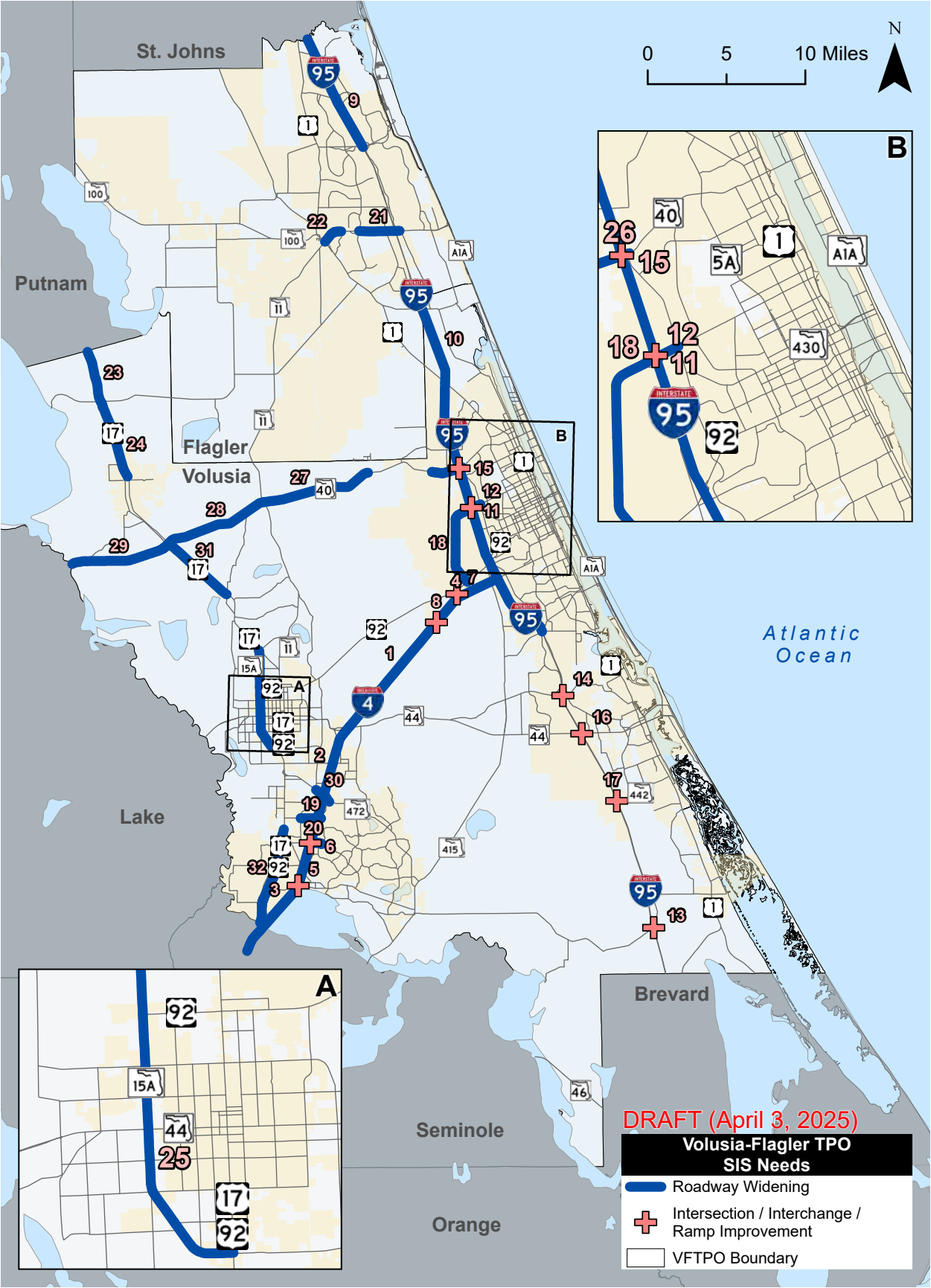
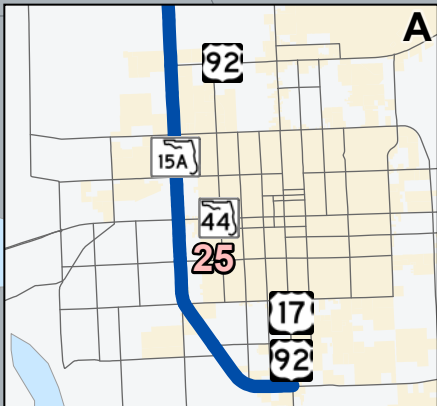
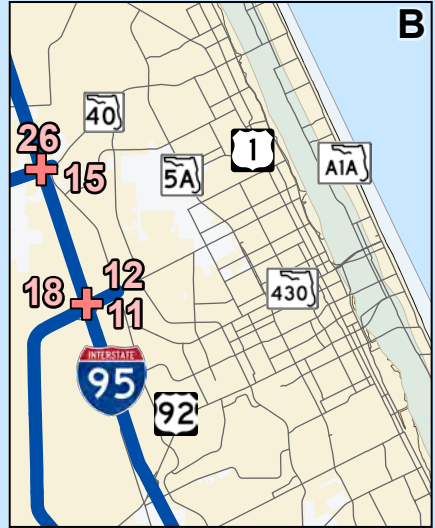
Seminole

Orange

DRAFT (April 3, 2025)

Volusia-Flagler TPO
SIS Needs

-  Roadway Widening
-  Intersection / Interchange / Ramp Improvement
-  VFTPO Boundary



DRAFT (APRIL 3, 2025)

Strategic Intermodal System (SIS) Needs						
Map ID	Facility	From	To	Description	Need Level	Notes
1	I-4	SR 44	US 92 Connection	Widen to 8 Lanes	Cost Feasible (Connect 2045)	Unfunded
2	I-4	SR 472	SR 44	Widen to 8 Lanes	Cost Feasible (FDOT SIS Long Range)	PD&E - 2035 - 2040
3	I-4	Seminole County Line	SR 472	Widen to 10 Lanes	Cost Feasible (SIS 1st & 2nd Five-Year, SIS Long Range, VFTPO TIP)	PE - 2028 - 2029 ROW - 2030 - 2045
4	I-4	SR 44	E of I-95	Widen to 8 Lanes	VFTPO TIP (FY2024/25 - 2028/29)	Unfunded
5	I-4 / Dirkensen Drive	At Dirkensen Drive		Intersection / Interchange / Ramp Improvement	VFTPO LOPP (2024)	I-4 Beyond the Ultimate
6	I-4 / Saxon	At Saxon Boulevard		Intersection / Interchange / Ramp Improvement	VFTPO LOPP (2024)	I-4 Beyond the Ultimate
7	I-4 / US 92	At US 92		Intersection / Interchange / Ramp Improvement	Cost Feasible (Connect 2045)	Developer Funded
8	I-4 Truck Parking	Eastbound & Westbound		Truck Parking	VFTPO TIP (FY2024/25 - 2028/29)	Eastbound ROW & CST - 2027 - 2029 Westbound ROW - 2028 - 2029
9	I-95	Palm Coast Parkway	Flagler / St. Johns County Line	Widen to 8 Lanes	Cost Feasible (FDOT SIS Long Range)	PD&E - 2035 - 2040
10	I-95	US 1	Old Dixie Highway (SR 100)	Widen to 8 Lanes	Cost Feasible (Connect 2045)	Unfunded
11	I-95	SR 421	US 1	Widen to 8 Lanes	Cost Feasible (FDOT SIS Long Range)	PD&E - 2035 - 2040
12	I-95 / LPGA Boulevard	At LPGA Boulevard		Intersection / Interchange / Ramp Improvement	VFTPO TIP (FY2024/25 - 2028/29)	ROW - 2027 - 2029

Strategic Intermodal System (SIS) Needs						
Map ID	Facility	From	To	Description	Need Level	Notes
13	I-95 / Maytown Road	At Maytown Road		Intersection / Interchange / Ramp Improvement	VFTPO TIP (FY2024/25 - 2028/29)	Developer Funded
14	I-95 / Pioneer Trail	At Pioneer Trail		Intersection / Interchange / Ramp Improvement	VFTPO TIP (FY2024/25 - 2028/29)	ROW - 2025 - 2029
15	I-95 / SR 40	At SR 40		Intersection / Interchange / Ramp Improvement	VFTPO LOPP (2024)	PD&E - 2025 - 2029
16	I-95 / SR 44	At SR 44		Intersection / Interchange / Ramp Improvement	Cost Feasible (FDOT SIS Long Range)	PD&E - 2035 - 2040
17	I-95 / SR 442	At SR 442		Intersection / Interchange / Ramp Improvement	Unfunded (Connect 2045)	Unfunded
18	LPGA Boulevard	US 92 (SR 600)	Williamson Boulevard	Widen to 4 Lanes	Cost Feasible (SIS 1st & 2nd Five-Year)	ROW - 2027 - 2029
19	Rhode Island Extension	Veterans Memorial Parkway	Normandy Boulevard	New 2 Lane Road	Cost Feasible (Connect 2045)	I-4 Beyond the Ultimate
20	Saxon Boulevard	I-4	Normandy Boulevard	Widen to 6 Lanes	Cost Feasible (Connect 2045)	I-4 Beyond the Ultimate
21	SR 100	Old Kings Road	Belle Terre Parkway	Widen to 6 Lanes	Cost Feasible (FDOT SIS Long Range)	PD&E & PE - 2035 - 2040 ROW - 2046 - 2050
22	SR 100	US 1 / SR 5 / SR 100	Commerce Parkway	Widen to 4 Lanes	SIS 2045 Multi-Modal Needs Plan	Unfunded
23	SR 15 (US 17)	CR 305 / Lake George Road	Putnam County Road	Widen to 4 Lanes	SIS 2045 Multi-Modal Needs Plan	Unfunded
24	SR 15 (US 17)	Washington Avenue	CR 305 / Lake George Road	Widen to 4 Lanes	SIS 2045 Multi-Modal Needs Plan	Unfunded
25	SR 15A	US 17	US 17 / 92	Widen to 6 Lanes	Cost Feasible (FDOT SIS Long Range)	PD&E - 2035 - 2040

Strategic Intermodal System (SIS) Needs						
Map ID	Facility	From	To	Description	Need Level	Notes
26	SR 40	Williamson Boulevard	Breakaway Trail	Widen to 6 Lanes	Cost Feasible (SIS 1st & 2nd Five-Year, SIS Long Range, Connect 2045)	ROW – 2025 - 2029
27	SR 40	SR 11	Cone Road	Widen to 4 Lanes	Cost Feasible (SIS 1st & 2nd Five-Year, SIS Long Range, Connect 2045)	ROW - 2025 - 2026
28	SR 40	SR 15 (US 17)	SR 11	Widen to 4 Lanes	Cost Feasible (SIS 1st & 2nd Five-Year, SIS Long Range, Connect 2045)	ROW - 2025 - 2026
29	SR 40	SR 19	SR 15 (US 17)	Widen to 4 Lanes	Cost Feasible (FDOT SIS Long Range)	PD&E - 2035 - 2040
30	SR 472	Graves Avenue	Kentucky / MLK Boulevard	Widen to 6 Lanes	Cost Feasible (Connect 2045)	I-4 Beyond the Ultimate
31	US 17	Lake Winona Road	SR 40	Widen to 4 Lanes	Cost Feasible (FDOT SIS Long Range, & VFTPO TIP)	CON - 2046 - 2050
32	US 17 / 92	I-4	Enterprise	Widen to 6 Lanes	Cost Feasible (FDOT SIS Long Range)	PD&E - 2035 - 2040

Note: These projects are not listed in priority order.

A2 – State Highway System (Non-SIS)

This map shows project needs on the Non-SIS State Highway System that are identified in existing plans.

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St. Johns



Putnam

Flagler
Volusia

Lake

Atlantic
Ocean



Brevard

Seminole

Orange

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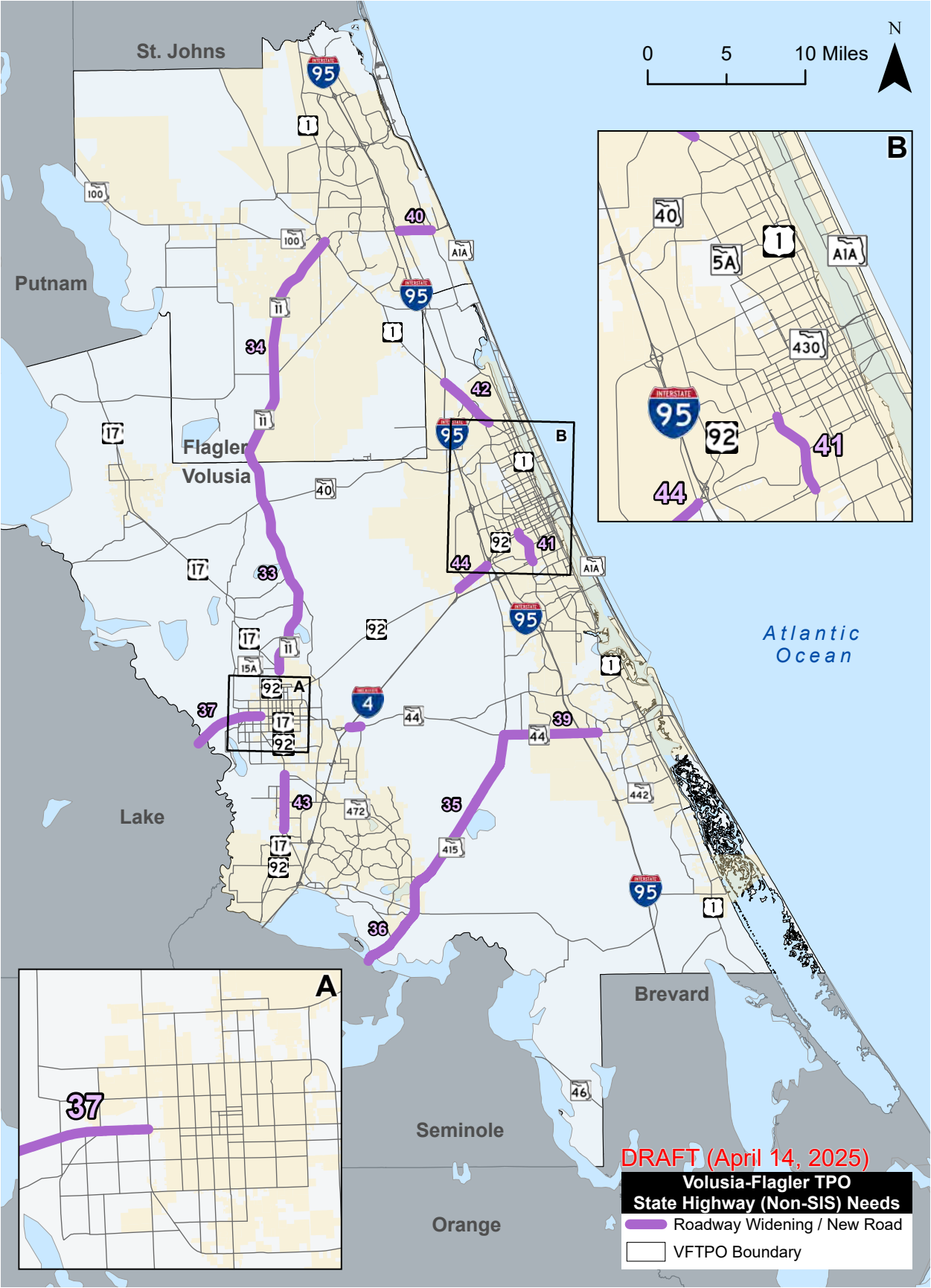
**Volusia-Flagler TPO
State Highway (Non-SIS) Needs**

-  Roadway Widening / New Road
-  VFTPO Boundary

B

A

37



State Highway (Non-SIS) Needs						
Map ID	Facility	From	To	Description	Need Level	Notes
33	SR 11	N. Woodlands Boulevard	Flagler County Line	Widen to 4 Lanes	Project Added in Connect 2045*	Unfunded
34	SR 11	Flagler County Line	US 1	Widen to 4 Lanes	Capacity Need*	Unfunded
35	SR 415 (Tomoka Farms Road)	Howland Drive	SR 44	Widen to 6 Lanes	Project Added in Connect 2045*	Unfunded
36	SR 415 (Tomoka Farms Road)	Seminole County Line	Howland Drive	Widen to 6 Lanes	Project Added in Connect 2045*	Unfunded
37	SR 44	Lake County Line	SR 15A	Widen to 4 Lanes	Project Added in Connect 2045*	Unfunded
38	SR 44	I-4	Prevatt Avenue	Widen to 6 Lanes	Project Added in Connect 2045*	Unfunded
39	SR 44	Samsula Drive	Glencoe Road	Widen to 6 Lanes	Project Added in Connect 2045*	Unfunded
40	SR 100	Old Kings Road	John Anderson Highway	Widen to 6 Lanes	Capacity Need**	Unfunded
41	SR 483 (Clyde Morris Boulevard)	SR 400	US 92	Widen to 6 Lanes	Cost Feasible (Connect 2045)	PE Completed in 2018 ROW funding deferred in 2017
42	US 1	Nova Road	I-95	Widen to 6 Lanes	Project Added in Connect 2045*	Unfunded
43	US 17 / 92	Enterprise Road	SR 472	ITS / Operations / Widen to 6 Lanes	Project Added in Connect 2045*	Unfunded
44	US 92	I-4 EB Ramps	CR 415 (Tomoka Farms Road)	Widen to 6 Lanes	Cost Feasible (Connect 2045)	CST - 2026-2030

* Needs identified based on initial CFRPM v7 2045 network model run

** Needs identified based on revised CFRPM v7 2045 network model run with projected 2050 socioeconomic (SE) data

Note: These projects are not listed in priority order.

A3 – Non-State Major Roadways

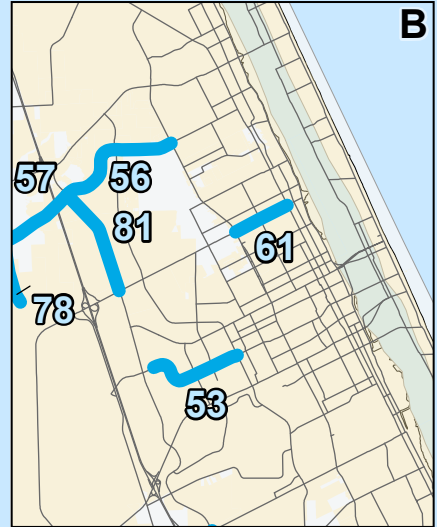
This map shows project needs at the local level.

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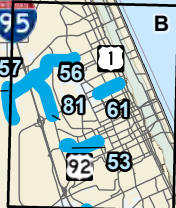
St. Johns



Putnam

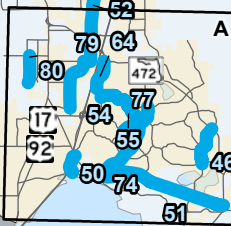


Flagler
Volusia



Atlantic
Ocean

Lake



Brevard

Seminole

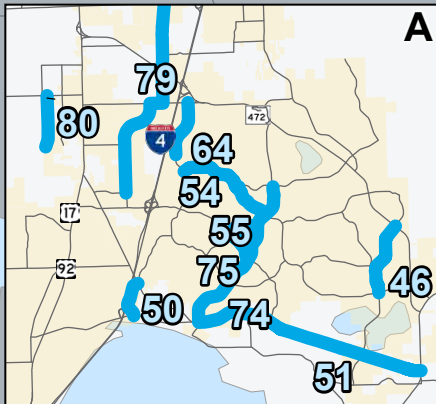
Orange

DRAFT (April 14, 2025)

**Volusia-Flagler TPO
Non-State Major Roadway Needs**

Roadway Widening / New Road

VFTPO Boundary



Non-State Major Roadway Needs				
Map ID	Facility	From	To	Notes
44	Beresford Avenue	Blue Lake Avenue	SR 44	Local Project (Volusia County) (Connect 2045)
45	Colbert Lane	SR 100	Palm Coast Parkway	Local Project (Flagler County) (Volusia-Flagler 2050)
46	Courtland Boulevard	Fort Smith Boulevard	Howland Boulevard	Illustrative (Connect 2045)
47	CR 304	SR 11	US 1	Capacity Need**
48	CR 305 (Bunnell Road)	US 17	Flagler County Line	Capacity Need*
49	CR 305 (Bunnell Road)	Flagler County Line	CR 304	Capacity Need*
50	Deltona Boulevard	Doyle Road	Enterprise Road	Illustrative (Connect 2045)
51	Doyle Road (Dirksen Drive / DeBary Avenue)	Providence Boulevard	SR 415	Local Project (Volusia County) (Connect 2045)
52	Dr. MLK Jr.	Orange Camp Road	Taylor Road	Local Project (Volusia County) (Connect 2045)
53	Dunn Avenue	Williamson Boulevard	Clyde Morris Boulevard	Local Project (Volusia County) (Connect 2045)
54	Elkcam Boulevard	Normandy Boulevard	Fort Smith Boulevard	Illustrative (Connect 2045)
55	Fort Smith Boulevard	Elkcam Boulevard	Providence Boulevard	Illustrative (Connect 2045)
56	Hand Avenue	Williamson Boulevard	Nova Road	Illustrative (Connect 2045)
57	Hand Avenue Extension	Tymber Creek Road Extension	Williamson Boulevard	Illustrative (Connect 2045)

Non-State Major Roadway Needs				
Map ID	Facility	From	To	Notes
58	Hargrove Road	Otis Stone Hunter Road	US 1	Local Project (Flagler County) (Volusia-Flagler 2050)
59	Josephine Street	Old Mission Road	Tatum Street	Local Project (Volusia County) (Connect 2045)
60	Kepler Road	Beresford Avenue Extension	US 92	Local Project (Volusia County) (Connect 2045)
61	LPGA Boulevard	Nova Road	US 1	Cost Feasible (Connect 2045)
62	Matanzas Woods Parkway	I-95	Old Kings Road	Illustrative (Connect 2045)
63	Matanzas Woods Parkway	US 1	I-95	Illustrative (Connect 2045)
64	Normandy Boulevard	Firwood Drive	Howland Boulevard	Illustrative (Connect 2045)
65	Old Kings Road	Town Center Boulevard	Palm Harbor Village Way	Illustrative (Connect 2045)
66	Old Kings Road	Old Dixie Highway	SR 100	Illustrative (Connect 2045)
67	Old Kings Road	Farnum Lane	Forest Grove Drive	Cost Feasible (Connect 2045)
68	Old Kings Road	Palm Harbor Village Way	Farnum Lane	Cost Feasible (Connect 2045)
69	Old Kings Road - Extension Roadway (Phase II)	Matanzas Woods Parkway	Old Kings Road	Cost Feasible (Connect 2045)
70	Old Mission Road	Park Avenue	Josephine Road	Illustrative (Connect 2045)
71	Palm Coast Parkway	SR 5 (US 1)	Belle Terre Parkway	Illustrative (Connect 2045)

Non-State Major Roadway Needs				
Map ID	Facility	From	To	Notes
72	Park Avenue	Old Mission Road	Massey Ranch Road	Local Project (Volusia County) (Connect 2045)
73	Pioneer Trail	SR 44	I-95	Local Project (Volusia County) (Connect 2045)
74	Providence Boulevard	DeBary / Doyle Road	Elkcam Road	Illustrative (Connect 2045)
75	Saxon Boulevard	Tivoli Drive	Providence Boulevard	Illustrative (Connect 2045)
76	Tomoka Farms Road	SR 44	Taylor Road	Cost Feasible (Connect 2045)
77	Tivoli Drive	Saxon Boulevard	Providence Boulevard	Illustrative (Connect 2045)
78	Tymber Creek Road	LPGA Boulevard	South of SR 40	Local Project (Volusia County) (Connect 2045)
79	W. Volusia Beltway	Taylor Road	Harley Strickland Boulevard	Local Project (Volusia County) (Connect 2045)
80	Westside Parkway	Rhode Island Avenue	French Avenue	Local Project (Volusia County) (Connect 2045)
81	Williamson Boulevard	LPGA Boulevard	Hand Avenue	Local Project (Volusia County) (Connect 2045)
82	Williamson Boulevard	Summer Trees Road	SR 400 / Beville Road	Local Project (Volusia County) (Connect 2045)

* Needs identified based on initial CFRPM v7 2045 network model run

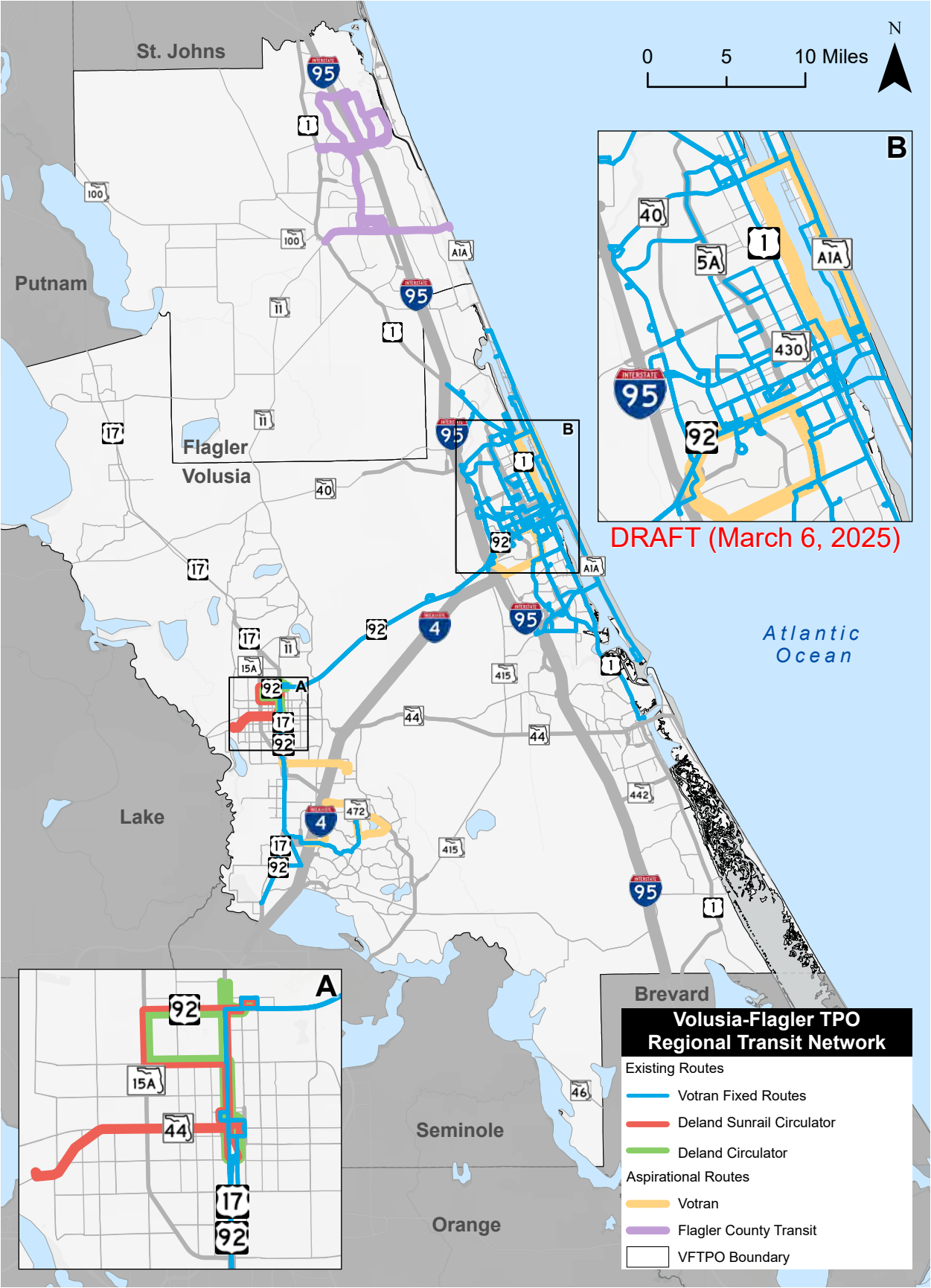
** Needs identified based on revised CFRPM v7 2045 network model run with projected 2050 socioeconomic (SE) data

Note: These projects are not listed in priority order.

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B – Public Transit

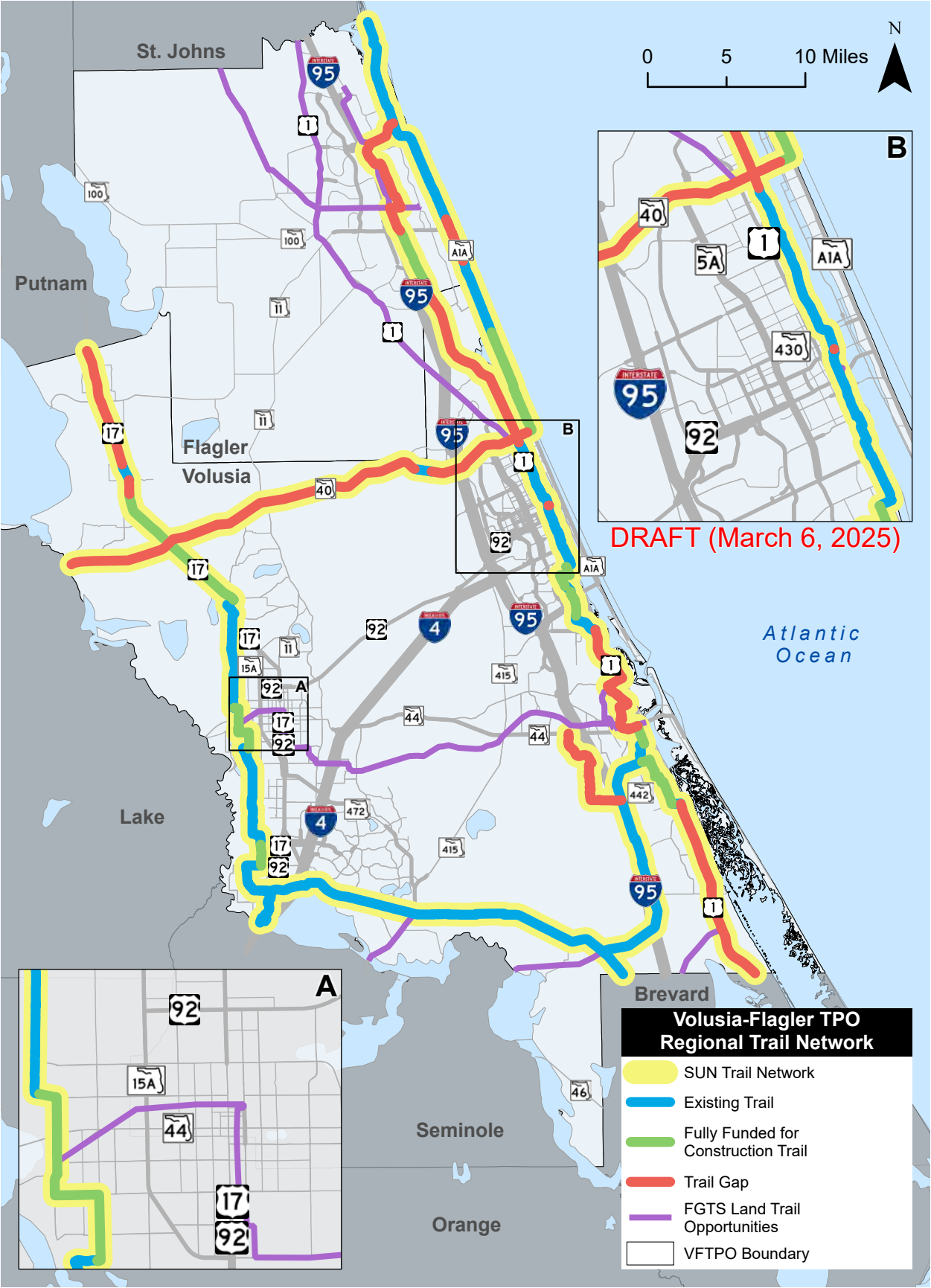
This map shows transit needs as identified in existing transit development plans.



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C – Regional Trails

This map shows regional trail needs that are identified in existing state plans.



St. Johns



Putnam

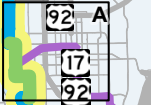
Flagler
Volusia



DRAFT (March 6, 2025)

Atlantic Ocean

Lake



Brevard

Seminole

Orange

**Volusia-Flagler TPO
Regional Trail Network**

- SUN Trail Network
- Existing Trail
- Fully Funded for Construction Trail
- Trail Gap
- FGTS Land Trail Opportunities
- VFTPO Boundary