

TODAY → 2030 → 2045

# PATH FORWARD

Advancing our region with innovation to enhance mobility.

**DRAFT**

Technical Report  
2045 Needs Plan

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North Florida Transportation Planning Organization

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North Florida **TPO**  
Transportation Planning Organization  
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## 2045 Needs Plan

The 2045 Needs Plan represents all the mobility projects and programs that are needed to accommodate future transportation demands regardless of any funding limitations. It is not a prioritized list of projects, but a list of projects that seeks to leverage studies and projects developed by the North Florida Transportation Planning Organization (TPO) and its partners. While the 2045 Needs Plan is not constrained by funding, it does place special emphasis on local constraints including policy and environmental limitations.

The 2045 Needs Plan incorporates all primary modes of transportation, including roadways, transit, commuter rail, bicycle, pedestrian, freight mobility projects, Transportation Systems Management and Operations (TSM&O) and other smart technology investments. It begins to consider the needs of Mobility on Demand services and Automated/Connected/Electric/Shared (ACES) vehicles.

The development of the Needs Plan began with a review and confirmation of previous and ongoing studies throughout the region. The following sources were used to define the needs:

- FDOT's Strategic Intermodal Systems Needs Plan and Cost Feasible Plan (includes 1<sup>st</sup> Five Years and 2nd Five Years)
- FDOT's Adopted Work Program
- North Florida TPO Transportation Improvement Program
- North Florida TPO List of Project Priorities
- 2035 Long Range Transportation Plan (LRTP)
- Northeast Florida Regional ITS Master Plan
- North Florida TPO Congestion Management Process Plan
- North Florida TPO Regional Bicycle and Pedestrian Plan
- North Florida Regional Greenways and Trails Plan
- Alternatives Fuels Master Plan
- Smart Region Master Plan
- Regional System Safety Plan
- Regional Freight Network Plan
- Local Government Comprehensive Plans
- Local Government Mobility Plans
- Committed Development Projects Provided by Local Governments
- Coordination with local governments and stakeholders on additional needs

The rationale for developing a Needs Plan is twofold. First, transportation revenue allocations could change in future years, affecting the amount of financial resources available to fund needed improvements. Second, the Needs Plan allows the TPO's partners to develop a future transportation vision for the community that reflects social, environmental, and economic policy objectives and helps local governments see the effects of land use decisions.

The development of the 2045 Needs Plan included extensive public outreach, coordination with local governments and the TPO advisory committees, and evaluation of various roadway and transit alternatives. This process included developing a list of constrained corridors, committed mobility projects, 2045 mobility deficiencies, and mobility alternatives.

## Growth Forecasts

Land use and transportation are inextricably linked. How communities develop over time greatly influences transportation choices as well as the efficiency and the livability of the transportation systems. Where and how the region grows sets the foundation for the type and location of future transportation investments.

The first step in travel demand forecasting is the development of a future land use scenario, and the first step in the land use scenario process involves the development of a Trend Scenario. The Trend Scenario is intended to illustrate the build-out potential of the region by 2045 based on existing land use policies and current development patterns. The trend analysis estimates future population, household, and employment data for all the study area through 2045. The trend scenario served as the base condition from which alternative land use and transportation scenarios were developed and compared.

The base year for the 2045 LRTP is 2015 and all base year data for the 2045 LRTP is based on conditions on the ground as of 2015. Forecast data for this plan update is at the microzone level and served as input to the Northeast Florida Regional Planning Model. The model utilized this data to forecast mobility deficiencies expected for 2045. These deficiencies are critical information used in development of the Needs Plan.

## Growth Allocation

Population estimates were used to determine control totals for each county. The TPO obtained future year population estimates from the University of Florida, Bureau of Economic and Business Research (BEBR), Volume 46, Bulletin 165 (Appendix 1) for use as control totals for each of the counties within the study area.

The BEBR Medium population estimates were utilized as the control totals for Projected Year data. The recommended control totals for each county are shown below.

County	2010	2015	2040	2045
Nassau	73,314	76,536	111,283	116,513
Duval	864,263	905,574	1,129,785	1,164,640
St. Johns	190,039	213,566	382,701	409,339
Clay	190,865	201,277	304,669	320,265

Following the determination of control totals, forecasted growth was allocated to the individual Traffic Analysis Zone (TAZ) level. Working closely with their local government partners, the North Florida TPO and its partners collaborated to distribute the growth throughout the region. The allocation of the region's growth was based upon the local land use policies and current and

anticipated growth trends. These outreach and coordination efforts with the various planning partner agencies helped to ensure the best available data was utilized in the development of the future year socioeconomic data for the region.

A separate technical report has been prepared for the data and transportation model development. Please refer to that document for additional information on the growth forecasts.

### Existing Plus Committed (E+C) Network

To determine which roadway projects are initially needed, an Existing plus Committed Network is established. The Existing plus Committed Network is comprised entirely of major arterial and collector roads within the study area, plus new or expanded (committed) roadways funded for construction between 2018 and 2021.

The North Florida TPO’s Transportation Improvement Program and the FDOT’s Five-Year Work Program were also reviewed for capacity projects meeting the prescribed criteria to be considered committed.

A comprehensive list of the projects that are considered committed are shown in Table I. The committed projects for the 2040 LRTP Update are depicted in Figure I.

Table 1 Committed Projects

Clay County				
Roadway	From	To	Description	FY Funded
SR 21 Blanding Boulevard	CR 218	Black Creek	Widen to 6 lanes	FY 2018/19
SR 21 Blanding Boulevard	Black Creek	Long Bay Road (CR 220)	Widen to 6 lanes	FY 2018/19
SR 21 Blanding Boulevard	Long Bay Road (CR 220)	Allie Murry Road	Widen to 6 Lanes	FY 2018/19
CR 218	Cosmos Avenue	Pine Tree Lane	Widen to 4 lanes	FY 2020/21
CR 220	Henley Road	Knight Boxx Road	Widen to 4 lanes	FY 2020/21
First Coast Expressway	North of SR 16	North of Blanding Boulevard (SR 21)	New 4 lane expressway	FY 2018/19
First Coast Expressway	South of US 17	North of SR 16	New 4 lane expressway	FY 2018/19
First Coast Expressway	West of SR 16A	East of CR 209	New 4 lane expressway	FY 2018/19
First Coast Expressway	At CR 218		Construct new interchange	FY 2019/20
First Coast Expressway	At SR 16		Construct new interchange	FY 2019/20
First Coast Expressway	At CR 739		Construct new interchange	FY 2019/20

<b>Duval County</b>				
<b>Roadway</b>	<b>From</b>	<b>To</b>	<b>Description</b>	<b>FY Funded</b>
I-295	I-10	Commonwealth Avenue	Add lanes and reconstruct	FY 2020/21
I-295	at Collins Road		Modify Interchange	FY 2019/20
I-295	I-95 South	SR 13 San Jose Boulevard (Buckman Bridge)	Add 2 Express Lanes	Complete
I-295	J T Butler Boulevard (SR 202)	SR 9B	Add 2 Express Lanes	Underway
I-95	at Baymeadows Road		Modify Ramps	FY 2020/21
I-95	St Johns County Line	I-295	Add lanes and reconstruct	FY 2021/22
I-95	J T Butler Boulevard	Atlantic Boulevard	Add lanes and reconstruct	FY 2021/22
I-10	First Coast Expressway	I-295	Add lanes and reconstruct	Complete
I-10	at US 301 (SR 200)		Interchange Modification	Complete
I-10	I-295	I-95	Add lanes and reconstruct	FY 2019/20
I-10	at Hammond Boulevard (Marietta)		New Interchange	Complete
Jacksonville National Cemetery Road	Lannie Road	Arnold Road	New 2 Lane Roadway	FY 2018/19
Southside Boulevard (SR 115)	at Deerwood Park Boulevard		Modify Intersection	FY 2018/19
Southside Boulevard (SR 115)	at Gate Parkway		Modify Intersection	FY 2018/19
J Turner Butler Boulevard (SR 202)	at Gate Parkway		Modify Interchange	FY 2017/18
J Turner Butler Boulevard (SR 202)	at San Pablo Road		Modify Interchange	FY 2019/20
JIA North Access Road (SR 243)	Airport Road (SR 102)	Pecan Park Road	Widen to 4 Lanes	FY 2017/18



Roadway	From	To	Description	FY Funded
5th Street (McDuff Avenue Phase 3)	Melson Avenue	Huron Street	Widen to 3 Lanes	FY 2019/20
Alta Drive	Faye Road	Burkit Lane	Widen to 5 Lanes	FY 2019/20
Collins Road	SR 21 Blanding Boulevard	Pine Verde	Widen to 3 Lanes	FY 2019/20
Collins Road	Shindler Drive	Rampart Road	Widen to 4 Lanes	FY 2019/20
Collins Road	Old Middleburg Road South	Shindler Drive	Widen to 4 Lanes	FY 2019/20
Kernan Boulevard	SR 202 J. T. Butler Boulevard	Glen Kernan Parkway	Widen to 4 Lanes	FY 2019/20
Kernan Boulevard	SR 10 Atlantic Boulevard	McCormick Road	Widen to 6 Lanes	FY 2019/20
Paramore Road Extension	Paramore Road	Youngerman Circle	New Road	FY 2020/21
San Pablo Road	US 90 Beach Boulevard	SR 10 Atlantic Boulevard	Widen to 3 Lanes	FY 2019/20
SR 9B	Phillips Highway (US I)	I-295	Add 2 Auxiliary Lanes	FY 2019/20
Martin Luther King Jr. Parkway	at 21st St./Talleyrand Avenue		New Interchange	FY 2019/20
Pecan Park Rd. (SR 243)	Pecan Park Rd. (SR 243)	I-95	Widen to 4 Lanes	FY 2019/20
SR 9B	at I-295		Interchange Modification	Underway
SR 9B	Philips Hwy. (US I)	I-295	New 4 Lane Limited Access Roadway	Complete
SR 9B	Philips Hwy. (US I)	I-295	Widen to 6 Lanes	Underway
Girvin Road	Ashley Melisse	Wonderwood Drive	Widen to 3 lanes	Complete
Girvin Road	Atlantic Boulevard	Ashley Melisse	Widen to 3 Lanes	Complete

<b>St Johns County</b>				
<b>Roadway</b>	<b>From</b>	<b>To</b>	<b>Description</b>	<b>FY Funded</b>
First Coast Expressway	I-95	West of CR 16A	New 4 Lane Expressway	FY 2022/23
First Coast Expressway	Interchange with CR 2209		New interchange	FY 2022/23
First Coast Expressway	Interchange with I-95		New interchange	FY 2022/23
SR 313	SR 207	Holmes Road	New 6 Lane Road	FY 2020/21
Racetrack Road	CR 2209	Bartram Park Boulevard	Widen to 4 Lanes	Complete
Payton Parkway	SR 9B	Racetrack Road	New 4 Lanes Road	Complete
SR 16	International Golf Parkway	South Francis Road	Widen to 4 Lanes	FY 2019/20
South Dixie Highway / Pellicer Lane	CR 214 King Street	SR 207	Reconstruct 2 Lanes and Widen to add Sidewalks and Bike Lanes	FY 2019/20
CR2209	CR210	SR 16 Connector	Construct new 4 lanes roadway	Underway
<b>Nassau County</b>				
SR 200 (SR A1A)	I-95	Amelia River Bridge	Widen to 6 Lanes	Underway
US 301 (SR 200)	Duval County Line	City of Callahan	Widen to 4 Lanes	Complete

These projects are included in the North Florida TPO's current Transportation Improvement Program (TIP).

## 2045 Deficiency Analysis

Future roadway deficiencies were identified through an evaluation of anticipated levels of congestion using the Northeast Florida Regional Planning Model (NERPM) Activity Based (AB) as the primary analysis tool. The congestion assessment was performed using the existing plus committed scenario in the year 2045 which represents a No Build Scenario. This method considers only the projects that are committed for construction within the Transportation Improvement Program (TIP), local government Capital Improvement Programs (CIP) and the FDOT Adopted Five-Year Work Program.

Deficiencies are based on volume the capacity ratios depicted in Table 2. To determine the transportation needs for the year 2045, the traffic model is run using the Existing plus Committed Network and projected future land use in 2045.

Table 2 Congestion Levels

Daily Volume to Capacity Ratio	Congestion Level
0.9 -1.1	Light Congestion
1.1 -1.3	Heavy Congestion
Higher than 1.3	Severe Congestion

One of the outputs developed from the model output is a series of maps showing the forecasted roadway deficiencies. The deficiency map is one of the tools to help determine where and what type of mobility improvements are needed to meet demand of future growth on the infrastructure.

The 2045 deficiency analysis yielded a substantial number of roadways expected to experience some degree of congestion if no additional improvements are made through the year 2045.

Figures 2 – 5 depict the results of the roadway deficiency analysis.

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Figure 1 Committed Projects

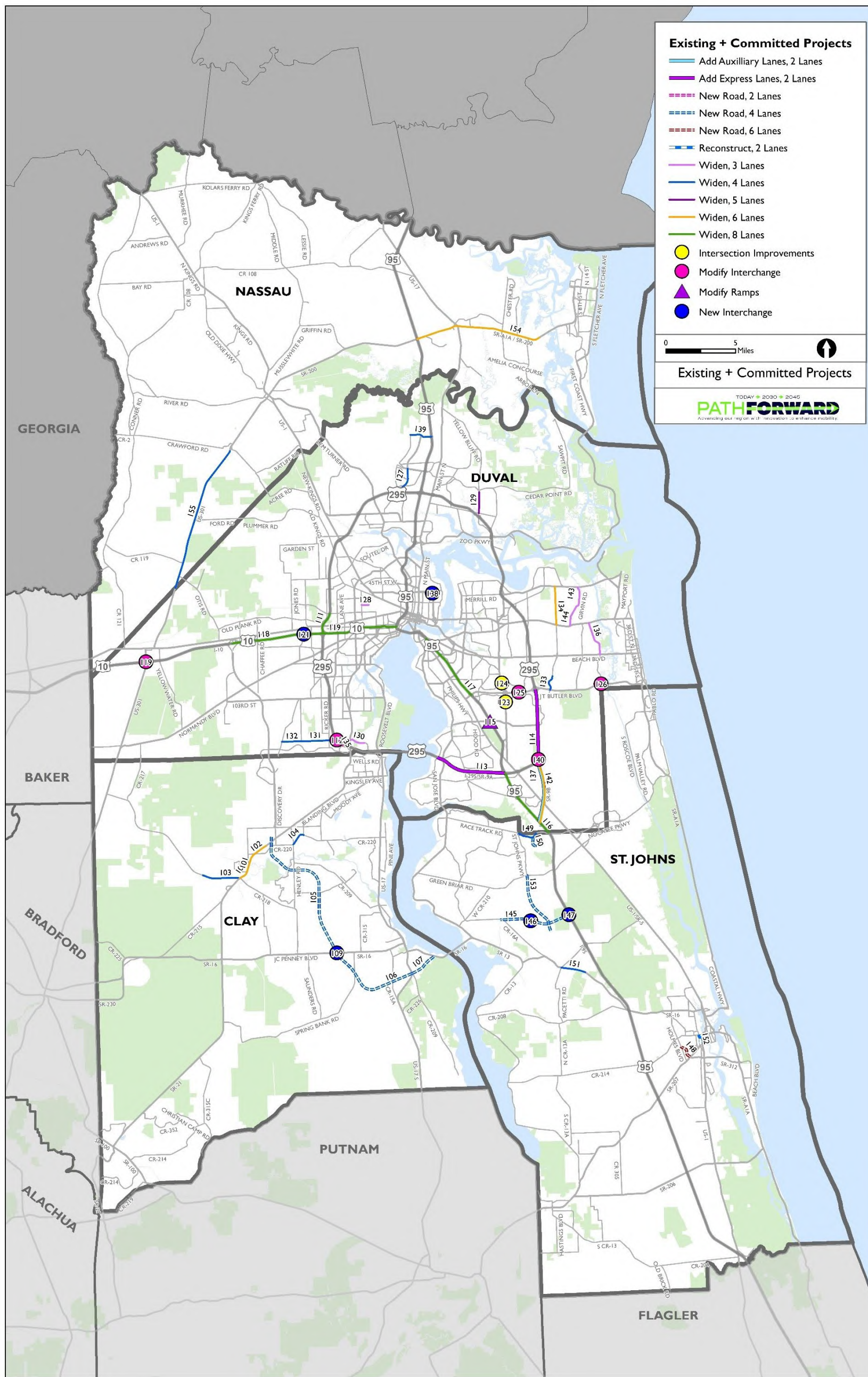


Figure 2 2045 Deficiency Analysis - Clay County

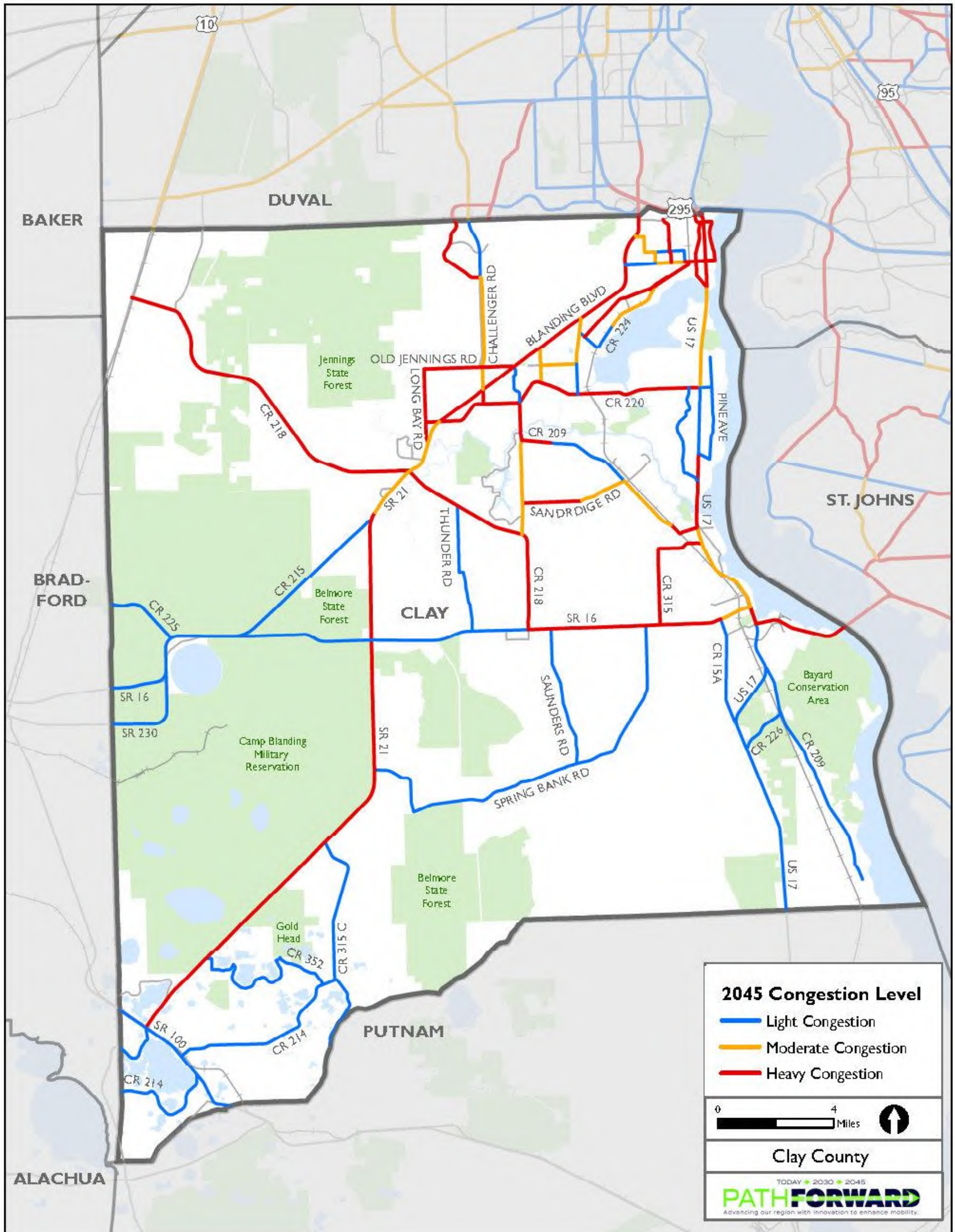
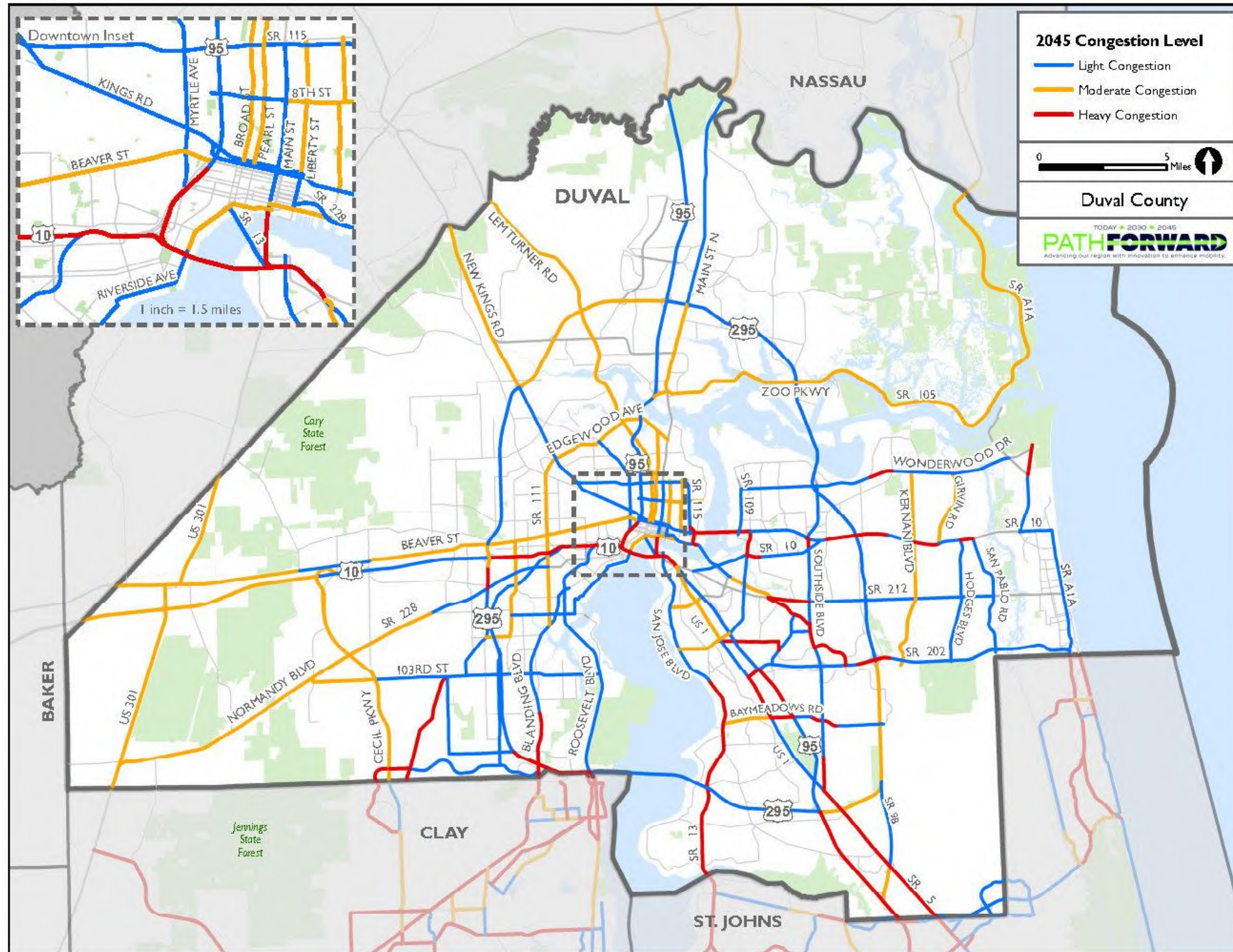


Figure 3 2045 Deficiency Analysis - Duval County



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Figure 4 2045 Deficiency Analysis - Nassau County

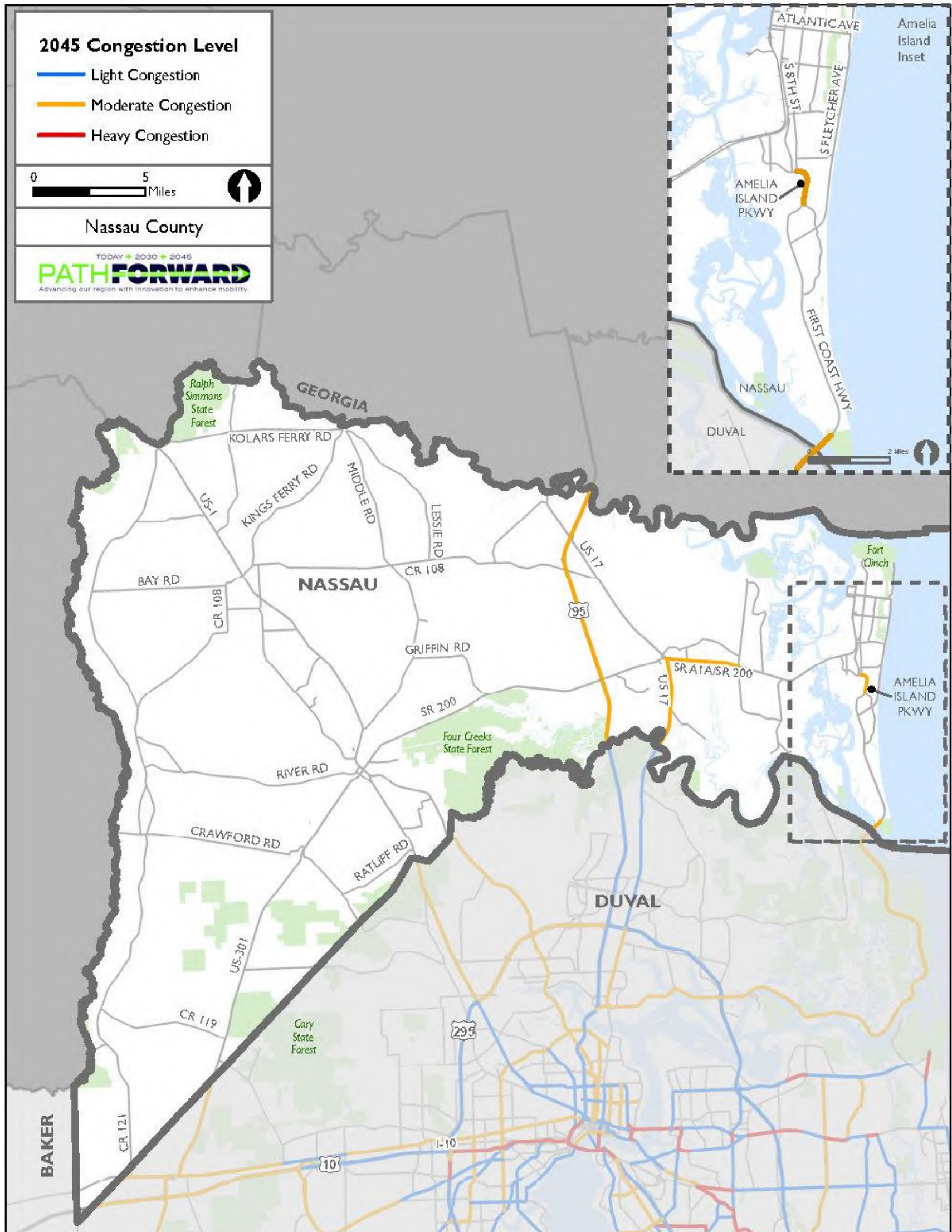
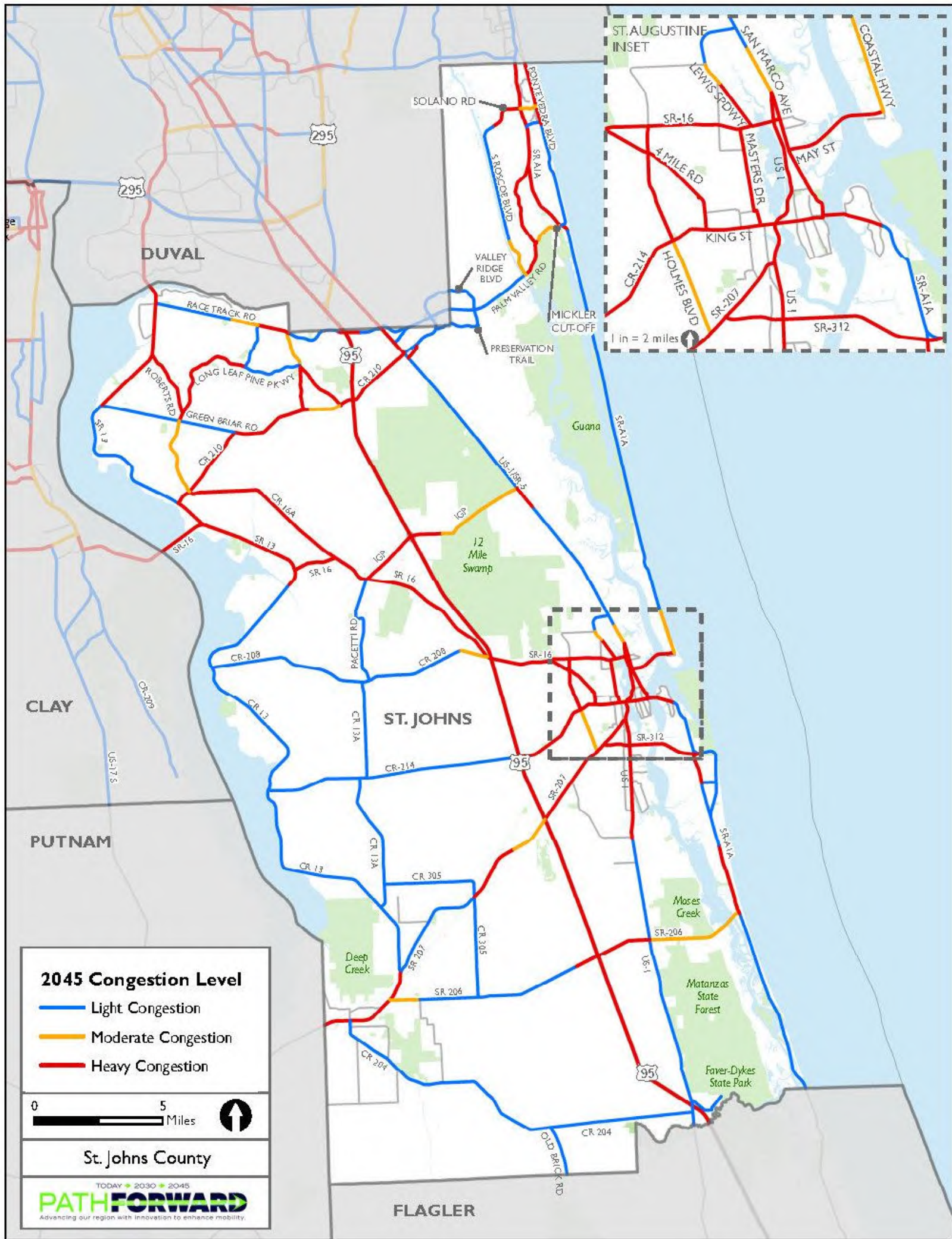


Figure 5 2045 Deficiency Analysis - St. Johns County



## 2045 Needs Plan Development

The results of the 2045 deficiency analysis were used to develop the 2045 needs alternatives. Similar to the previous LRTP update, the 2045 LRTP strived to create a multi-modal plan in that there would not be an emphasis on one mode or another, but a marrying of all modes. The vision was to create a Needs Plan where the roadway projects supported the high capacity transit projects and the high capacity transit projects supported the roadway projects. In addition, projects from the bicycle/pedestrian plans, the Regional ITS Master Plan, and other transportation plans were incorporated into the 2045 Needs Plan.

The local government partners, LRTP Steering Committee and the TPO Advisory Committees considered these deficiencies and opportunities at several meetings throughout the Spring and Summer of 2019. Based on their feedback, adjustments were made to the project list prior to presenting the draft 2045 Needs Plan to the public in August of 2019.

### Roadway Projects

The roadway projects included in the 2045 Needs Plan seek to address the mobility demands forecasted along corridors throughout the region. The Needs Plan includes a number of different types of roadway projects. This includes arterial roadways that have been identified for additional lanes, there are numerous new roadways included in Nassau and St. Johns Counties. On the interstate system there are general purpose and express lanes that have been identified as needs in 2045.

For projects on arterial and collector roadways, the plan assumes that these improvements will include appropriate bicycle and pedestrian features. This may include sidewalks, bike lanes, and separate multi-use trails.

### Transit Projects

Throughout the plan update process, the North Florida TPO heard support for the expanded regional transit services. The Jacksonville Transportation Authority (JTA) has recently introduced several successful express bus routes. Around the region, comments were received that additional express bus and in the future, commuter rail service should be included in the plan. Based on this feedback and the recently updated Transit Development Plan (TDP), the 2045 Needs Plan includes additional express bus service or Bus Rapid Transit (BRT) to areas throughout Duval County, Clay and St Johns County, commuter rail to Clay, St Johns and Nassau Counties, as well as autonomous circulators in downtown Jacksonville and the City of St Augustine.

### Other Contributing Plans

The North Florida TPO develops and maintains several other plans addressing transportation issues throughout the region. Many of them were used as input in the development of the 2045 Needs Plan. These plans are summarized on the following pages.

### Transportation Systems Management and Operations (TSM&O)

The North Florida Intelligent Transportation Systems (ITS) Coalition was formed in 2003 to develop and deploy a coordinated system of operational programs and projects. Since that time the North Florida TPO has planned, funded and installed a tremendous amount of ITS technology throughout the region. The ongoing collaboration of individuals across government agencies, private businesses and jurisdictional boundaries enables the North Florida TPO to efficiently mobilize resources.

The North Florida region's ITS needs for the next five to 10 years were developed by prioritizing corridors and considering existing and programmed ITS projects. The ITS Master Plan (2010) identified increased regional needs in freeway surveillance and roadside traveler information, including vehicle detection sensors, dynamic message signs and traffic cameras to complete coverage on key roadways in the region. The combination of technology and operational strategies is called Transportation Systems Management and Operations (TSM&O). TSM&O refers to multimodal transportation strategies to maximize the efficiency, safety and use of existing and planned transportation infrastructure. TSM&O alternatives should be considered prior to investing in new capacity. These strategies are highly competitive with capacity projects funding in many settings. TSM&O strategies encompass many activities, such as traffic incident management, arterial traffic management, freight management (included in the freight section of the LRTP), special event management, connected and automated vehicle technology and applications, road weather management, congestion pricing, managed lanes, ridesharing and demand management programs, parking management, electronic toll collection and transit.

### Bicycle and Pedestrian Studies

The North Florida TPO develops and maintains bicycle and pedestrian studies covering various portions of the region. Below are the studies and plans that were used in the development of the 2045 Needs Plan. *It should be noted that ultimately the North Florida TPO decided to identify funding programs that will be used to implement specific projects identified in these plans and studies vs. listing all the bicycle and pedestrian projects individually in the Needs Plan.*

### Regional Multi-Use Trail Study

This study documented the multi-use trail planning efforts throughout the North Florida TPO region identifying trails in Clay, Duval, Nassau, and St. Johns counties. The purpose of this study was to identify a regionally-endorsed network of trails that can be used as a tool towards applying for competitive funding and grant opportunities.

As a result, a network consisting of 570 miles of proposed trails across the four-county region was identified and documented in this study. This master planning document serves as guidance for paved multi-use trail implementation consistent with current state funding opportunities and programs such as the Shared-Use Network (SUN) Trail program.

### Amelia Island Bicycle and Pedestrian Focus Area Study

This project identifies a comprehensive network of bicycle and pedestrian facilities across Amelia Island, including the City of Fernandina Beach. The island's oceanfront setting, with extensive beaches, large natural areas including two State Parks, and popular greenway, all drive a high demand for recreational bicycling and walking. The compact settlement pattern found on the northern half of the island—and even the dense development internal to the large resorts on the south end of the island—also make utilitarian bicycling and walking for shopping and commute trips a realistic option if comfortable facilities were understood to be available to the general public.

The primary recommendation is the development of a network of routes which will guide bicyclists and pedestrians to the most comfortable and direct connections between important community destinations. The study also addresses bicycle parking on the island and the interface between the recommended network of biking and walking routes with both existing and proposed transit service on the island.

### Orange Park Bicycle and Pedestrian Sub-Area Plan

The Orange Park Bicycle and Pedestrian Study is intended to serve as a guide for projects and policies to improve the quality and function of the pedestrian and bicycle system within greater Orange Park. The study area included within this project is approximately 11 square miles, encompassing the Town of Orange Park, and unincorporated areas of Clay County.

The study developed recommendations for low impact (projects without large infrastructure modification) and cost-effective strategies that can improve the use of the pedestrian and bicycle system within the study area. While the Orange Park Bicycle and Pedestrian Sub-Area Plan include some recommendations for more extensive infrastructure improvements, the focus is on investments that may offer the greatest return on investment. The study focused towards developing a primary bicycle and pedestrian system and therefore focuses on the development of specific routes that benefit connectivity. These routes were evaluated in the field and recommendations for their improvement were developed.

### Regional Freight Plans

With the convergence of major interstates, railroads, seaports and airports, our region is a major logistics hub. The entire Southeastern market, with more than 50 million consumers, is accessible within eight hours. As the region's economy continues to become more global, our needs for infrastructure improvements will increase. The North Florida TPO studies these trends and issues to identify needs and develop solutions.

Along with our partners, the Jacksonville Port Authority; Nassau County Ocean, Highway and Port Authority; Jacksonville Aviation Authority; Northeast Florida Regional Airport; CSX; Florida East Coast Railroad; and Norfolk Southern, a number of freight studies have been developed for the region.

These include:

- Tallyrand Avenue Study
- Port of Fernandina Truck Circulation Study
- St. Augustine Truck Parking Study
- North Rail Corridor Alternatives
- North Florida Freight, Logistics and intermodal Framework Plan

*Like the bicycle and pedestrian studies, the freight projects identified in this and similar studies will ultimately be funded through a Freight Program included in the 2045 Cost Feasible Plan vs. calling out the individual freight related projects here in the needs plan.*

#### SMART Region Master Plan

Built on the ITS Master Plan, Path Forward 2040 LRTP (2014), and the C2JAX (2016) proposal, the North Florida TPO completed a Smart Region Master Plan in 2017 that included the identification of 33 strategies to advance the region in the areas of smart mobility and infrastructure. This plan identified and implemented new and emerging transportation-related technologies through an integrated TSM&O approach.

A smart region collects information from a wide variety of Internet of Things (IoT) technologies and merges data from multiple sources into one data management system. With a diverse and widespread dataset, in-depth analyses can be conducted, and new connections can be made that haven't previously been discovered within the region.

The North Florida TPO's branding of Smart North Florida in 2019, solidifies the commitment to regional collaboration and coordinated data, providing innovated means to improve citizens' quality of life. Smart North Florida includes the Smart Region Master Plan's focus of transportation and is growing to include utilities and other public assets in Clay, Duval, Nassau and St. Johns counties.

The objectives of Smart North Florida are in safety, mobility, energy, opportunity and growth.

- **Safety:** Provide a safer transportation network to work toward a goal of eliminating fatalities.
- **Mobility:** Provide a transportation network that is consistent and reliable for users.
- **Electrification:** Reduce greenhouse gas emissions and energy consumption with multi-modal options, congestion reduction and smart utilities.
- **Opportunity for All:** Provide ladders of opportunity with multi-modal options that are accessible, reliable and affordable for individuals with varied needs.
- **Grow North Florida:** Grow our economy by providing a transportation system that encourages commerce; supporting the local tech community; and creating a quality of life where businesses can attract the best and brightest talent.

### Regional System Safety Plan

The 2019 North Florida TPO Regional System Safety Plan updates the previous Regional Strategic Safety Plan completed in 2012. Using a data-driven process, the updated plan identifies safety conditions and needs within the region, provides a framework for addressing regional safety issues and is a resource to inform the region's 2045 Long Range Transportation Plan (LRTP). It is intended that the plan's crash analysis, survey results and suggested strategies guide priorities within the region and facilitate improved safety performance.

The North Florida Regional System Safety Plan outlines strategies to help achieve the region's safety goals and performance targets. To encourage safe travel, the safety plan's strategies seek to reduce crashes, lower crash severity and promote the implementation of safety in the design or retrofit of the transportation system.

Engineering, education and enforcement are all important tools for traffic safety. Collectively, the safety plan strategies identify more effective ways to plan and design roadways, incorporate technology, educate the community and enforce traffic laws and regulations.

The strategies address safety throughout the 4-county region including high-crash corridors and major emphasis areas such as intersection crashes, distracted driving crashes and pedestrian and bicycle crashes. Example strategies from the plan include installing more pedestrian crosswalks and pedestrian signal displays on traffic signals at intersections and implementing studies/projects to improve safety for all users (for example, complete streets/context sensitive solutions).

### Automated, Connected, Electric and Shared Vehicles

The future of transportation and transportation technologies includes several interrelated topics such as Smart Cities, Automated/Connected/Electric/ Shared (ACES) vehicles, and Mobility on Demand (MOD). Each approach may be implemented independently, and mobility benefits are enhanced if implemented together.

As noted earlier in this section, the North Florida TPO has implemented a Smart Region effort that has resulted in a Smart Region Master Plan. This master plan has resulted in numerous strategies that will prepare the region for the future of mobility.

One of the key demands of an automated and connected transportation system will be the collection, analysis and broadcasting of data. To that end, this plan has identified programs that will develop a communications network that allows the data to be processed to turn it into actionable information.

Mobility Technology, in all of its forms, is the future for transportation, and each form faces similar unknowns. Until there is a better understanding of how autonomous vehicles/connected vehicles (AV/CV) will be delivered (e.g., shared or individual ownership), it is difficult to assess their impacts on the transportation system. Shared vehicles may reduce auto ownership rates and trip lengths but may not reduce the number of trips on the network. Similarly, if people buy their own self-driving car, conditions will be similar to, if not worse than, the current conditions, as more people who currently are unable to drive can use private cars in lieu of public transportation to complete their travel needs.

## Public Input

Public input on the 2045 Needs Plan was obtained through several means. North Florida TPO and consultant staff participated in meetings with community groups such as local Rotary Clubs, the Exchange Club and homeowners' associations throughout the region. Meetings were held with the various City of Jacksonville Citizens Planning Advisory Committees (CPAs) representing different parts of the city. At each of these meetings information on the long-range transportation plan update was provided and comments and suggestions were received.

The North Florida TPO completed two surveys as part of the 2045 LRTP Update. The first was a household survey completed in 2017 and the second was a follow-on completed in 2018. These surveys provide insight into the typical travel patterns of households throughout the region as well as program and projects the participants felt were important to themselves and for the region.

Additionally, the North Florida TPO sponsored two (2) telephone town hall meetings. At these call-in meetings over 1,400 participants joined in and listened to information on the plan update. Participants were afforded the opportunity to ask questions and provide feedback on projects or issues in their area.

A separate technical report was prepared that documents all of the public involvement activities for the LRTP update. For additional information on the public involvement for the

## Adopted 2045 Needs Plan

The 2045 Needs Plan was adopted by the North Florida TPO on **September 12, 2019**.



## **APPENDIX A**

### **FINAL 2045 NEEDS PLAN**

This appendix presents the final 2045 Adopted Needs Plan. This is not a prioritized list of projects. The Needs Plan is, by rule, a listing of projects not constrained by cost. The 2045 Needs Plan presents the projects the region feels necessary to meet the mobility needs of its residents, businesses and visitors through 2045.

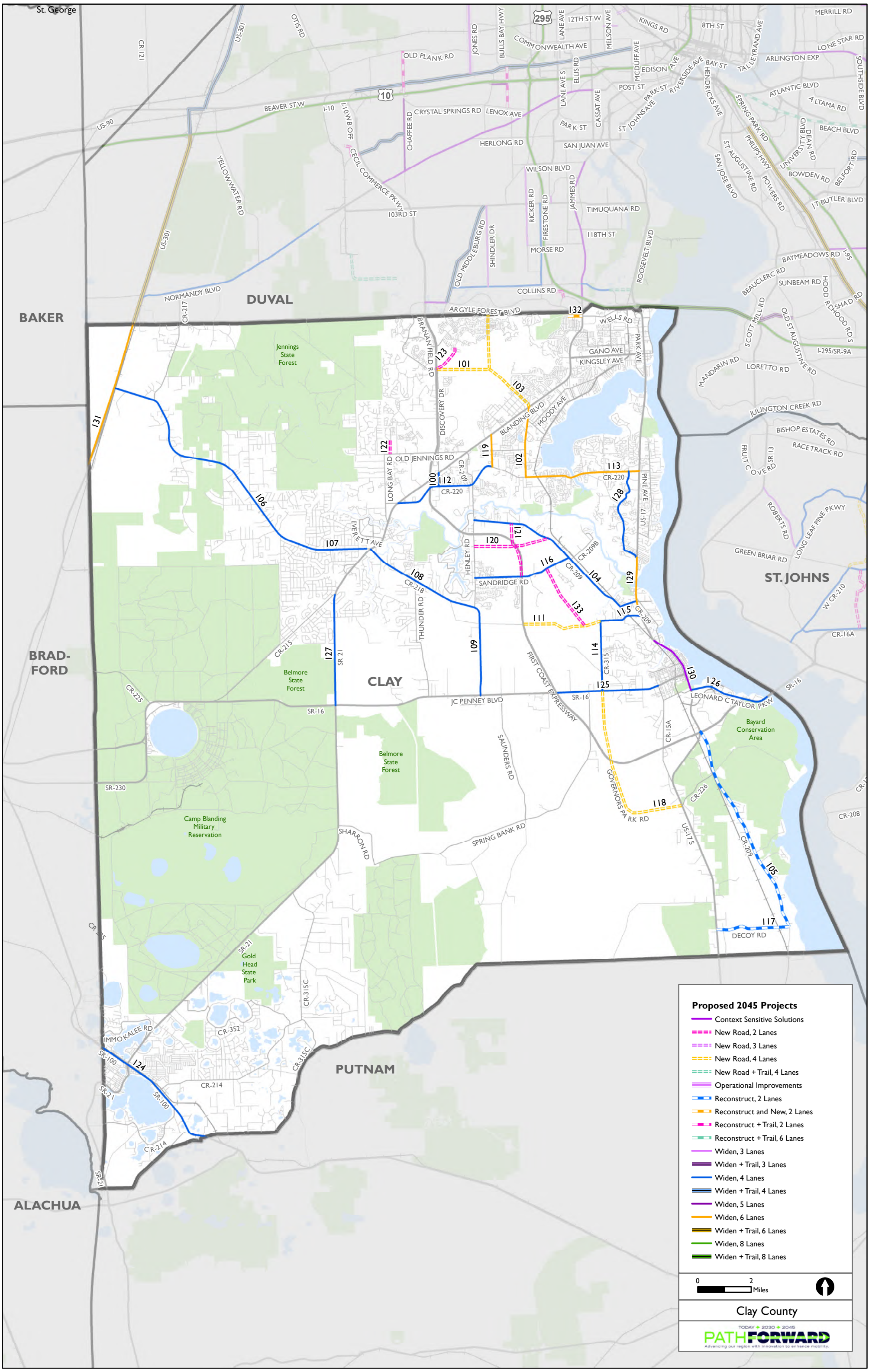
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Clay County 2045 Roadway LRTP Projects

Map ID	Facility	From	To	Improvement Type
100	Baxley Road	CR 220 Doctors Inlet Road	SR 21 Blanding Boulevard	Widen to 4 Lanes
101	Cheswick Oak Avenue Extension	Oakleaf Plantation Parkway	Savannah Glen Boulevard	New 4 Lane Road
102	College Drive	CR 220 Doctors Inlet Road	SR 21 Blanding Boulevard	Widen to 6 Lanes
103	College Drive Extension	SR 21 Blanding Boulevard	Challenger Drive	New 4 Lane Road
104	CR 209 Russell Road	CR 739 Henley Road	US 17	Widen to 4 Lanes
105	CR 209 South	Decoy Road	US 17	Reconstruct 2 Lanes
106	CR 218	US 301	Cosmos Avenue	Widen to 4 Lanes
107	CR 218	Cosmos Avenue	Pine Tree Lane	Widen to 4 Lanes
108	CR 218	SR 21 Blanding Boulevard	CR 739 Henley Road	Widen to 4 Lanes
109	CR 218	CR 739 Henley Road	SR 16	Widen to 4 Lanes
111	CR 218 Extension	SR 23 First Coast Expressway	CR 315	New 4 Lane Road
112	CR 220 Doctors Inlet Road	SR 21 Blanding Boulevard	Knight Boxx Road (end of four lane)	Widen to 4 Lanes
113	CR 220 Doctors Inlet Road	College Drive	US 17	Widen to 6 Lanes
114	CR 315	SR 16	CR 315B	Widen to 4 Lanes
115	CR 315	CR 315B	US 17	Widen to 4 Lanes
116	CR 739B Sandridge Road	CR 739 Henley Road	CR 209 Russell Road	Widen to 4 Lanes
117	Decoy Road	US 17	CR 209 South	Reconstruct 2 Lanes
118	Governors Park Road	US 17	SR 16	New 4 Lane Road
119	Knight Boxx Road	CR 220 Doctors Inlet Road	SR 21 Blanding Boulevard	Widen to 6 Lanes
120	Lake Asbury East West 1	NS3	CR 209 Russell Road	New 2 Lane Road
121	Lake Asbury North South Road 3	CR 739B Sandridge Road	CR 209 Russell Road	New 2 Lane Road
122	Long Bay Road Extension North	Old Jenkins Road	Long Bay Road	New 2 Lane Road
123	Oakleaf Village Parkway Extension	Oakleaf Plantation Parkway	Oakleaf Village Parkway	New 2 Lane Road

Clay County 2045 Roadway LRTP Projects

Map ID	Facility	From	To	Improvement Type
124	SR 100	Clay/Bradford County Line	Clay/Putnam County Line	Widen to 4 Lanes
125	SR 16	FCX	SR 15A Oakridge Avenue	Widen to 4 Lanes
126	SR 16	US 17	Shands Bridge	Widen to 4 Lanes
127	SR 21 Blanding Boulevard	SR 16	CR 215 Blanding Boulevard	Widen to 4 Lanes
128	Town Center Boulevard	US 17	CR 220 Doctors Inlet Road	Widen to 4 Lanes
129	US 17	CR 315	Town Center Boulevard	Widen to 6 Lanes
130	US 17	Orion Road	SR 16	Context Sensitive Solutions
131	US 301/SR 200	Clay/Bradford County Line	Duval/Clay County Line	Widen to 6 Lanes
132	Wells Road	Aquarius Concourse	SR 21 Blanding Boulevard	Reconstruct and New 2 Lane Road
133	NS I	Sandridge Road	CR 218 Extension	New Road, 2 Lanes



**Proposed 2045 Projects**

- Context Sensitive Solutions
- - - New Road, 2 Lanes
- - - New Road, 3 Lanes
- - - New Road, 4 Lanes
- - - New Road + Trail, 4 Lanes
- - - Operational Improvements
- - - Reconstruct, 2 Lanes
- - - Reconstruct and New, 2 Lanes
- - - Reconstruct + Trail, 2 Lanes
- - - Reconstruct + Trail, 6 Lanes
- - - Widen, 3 Lanes
- - - Widen + Trail, 3 Lanes
- - - Widen, 4 Lanes
- - - Widen + Trail, 4 Lanes
- - - Widen, 5 Lanes
- - - Widen, 6 Lanes
- - - Widen + Trail, 6 Lanes
- - - Widen, 8 Lanes
- - - Widen + Trail, 8 Lanes

0 2 Miles

**Clay County**

TODAY 2030 2045  
**PATH FORWARD**  
Advancing our region with innovation to enhance mobility.

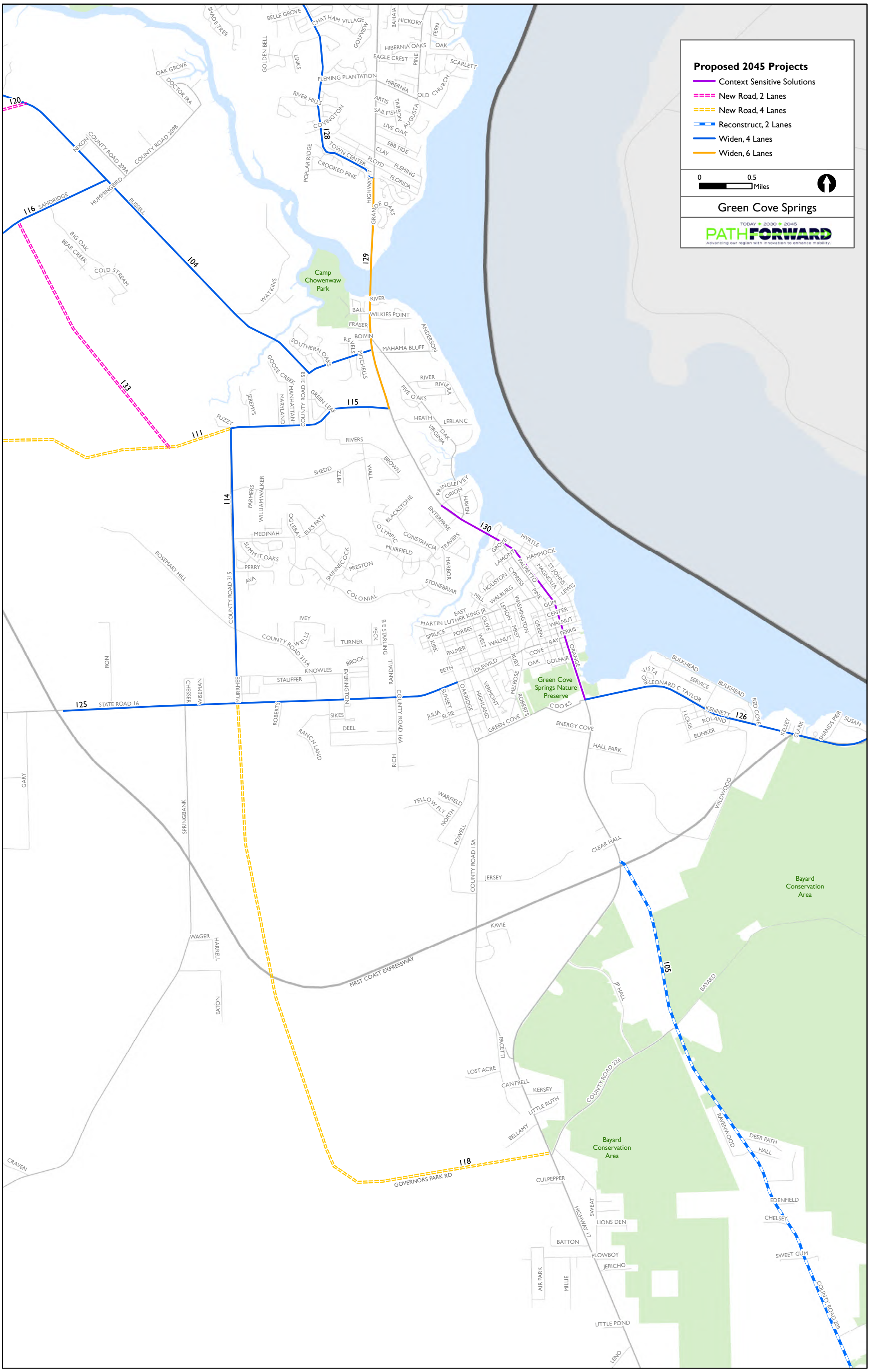
**Proposed 2045 Projects**

- Context Sensitive Solutions
- - - New Road, 2 Lanes
- - - New Road, 4 Lanes
- - - Reconstruct, 2 Lanes
- Widen, 4 Lanes
- Widen, 6 Lanes

0 0.5 Miles 

**Green Cove Springs**

TODAY 2030 2045  
**PATH FORWARD**  
 Advancing our region with innovation to enhance mobility.



Duval County 2045 Roadway LRTP Projects

Map ID	Facility	From	To	Improvement Type
200	Alta Drive	Heckscher Drive (SR 105)	I-295	Widen to 4 Lanes + Trail
201	Alta Drive Realignment	Zoo Parkway (SR 105)	North of New Berlin Road (south)	New 4 Lane Road + Trail
202	Alta Drive / Yellow Bluff Road	I-295	New Berlin Road (north)	Widen to 4 Lanes
203	Argyle Forest Boulevard	Old Middleburg Road	First Coast Expressway (SR 23)	Context Sensitive Solutions
204	Arlington Expressway (SR 115)	University Boulevard (SR 109)	Atlantic Boulevard (SR 10)	Context Sensitive Solutions
205	Arlington Expressway (SR 115)	at University Boulevard (SR 109)		Modify Interchange + Trail
206	Atlantic Boulevard (SR 10)	at Girvin Road		Intersection Improvements
207	Atlantic Boulevard (SR 10)	at Hodges Boulevard		Intersection Improvements
208	Atlantic Boulevard (SR 10)	at San Pablo Boulevard		Intersection Improvements
209	Baymeadows Road (SR 152)	I-95	Southside Boulevard (SR 115)	Context Sensitive Solutions
210	Baymeadows Road (SR 152)	Philips Highway (US 1 /SR 5)	I-95	Context Sensitive Solutions
211	Beaver Street (US 90)	First Coast Expressway (SR 23)	Cahoon Road	Widen to 4 Lanes + Trail
212	Beaver Street (US 90)	Cahoon Road	McDuff Avenue	Widen to 4 Lanes + Trail
213	Blanding Boulevard (SR 21)	at 103rd Street (SR 134)		Intersection Improvements
214	Blanding Boulevard (SR 21)	at Cedar Hills Boulevard		Intersection Improvements
215	Blanding Boulevard (SR 21)	at Collins Road		Intersection Improvements
216	Blanding Boulevard (SR 21)	I-295	Wilson Boulevard	Widen to 6 Lanes
217	Braddock Parkway	Lem Turner Road (SR 115)	Pecan Park Road	New 2 Lane Road + Trail
218	Cahoon Road	Lenox Avenue	Beaver Street (US 90)	Reconstruct 2 Lanes + Trail
219	POW-MIA Parkway	First Coast Expressway (SR 23)	Commerce Center	New 2 Lane Road
220	Chaffee Road	Normandy Boulevard (SR 228)	Crystal Springs Road	Widen to 5 Lanes
221	Collins Road	Old Middleburg Road S	Shindler Drive	Widen to 4 Lanes
222	Collins Road	Shindler Drive	Rampart Road	Widen to 4 Lanes
223	Collins Road	at Roosevelt Boulevard (US 17)		New Interchange
224	Collins Road	Blanding Boulevard (SR 21)	Pine Verde	Widen to 4 Lanes
225	Collins Road Realignment	Pine Verde	Roosevelt Boulevard (US 17)	New Road/Interchange + Trail, 4 Lanes

Duval County 2045 Roadway LRTP Projects

Map ID	Facility	From	To	Improvement Type
226	Dunn Avenue (SR 104)	New Kings Road (US 1/SR 15)	I-295	Widen to 4 Lanes
227	Duval Road	I-295	Pecan Park Road	Context Sensitive Solutions
228	Duval Station Road	Main Street (US 17/SR 5)	Starratt Road	Widen to 4 Lanes + Trail
229	Eastport Road	Heckscher Drive (SR 105)	Pulaski Road	Widen to 3 Lanes + Trail
230	Florida Boulevard	Penman Road	Atlantic Boulevard (SR 10)	Widen to 3 Lanes + Trail
233	Harlow Boulevard	103rd Street (SR 134)	Lane Avenue	Widen to 3 Lanes
234	Hartley Road	San Jose Boulevard (SR 13)	Old St. Augustine Road	Widen to 3 Lanes + Trail
235	Heckscher Drive/Zoo Parkway	I-295 Main Street (US 17/SR 5)	Blount Island Boulevard Ferry Entrance	Context Sensitive Solutions
236	I-10	at I-295		Modify Interchange
237	I-10	First Coast Expressway (SR 23)	I-295	Widen to 8 Lanes
238	I-10	I-295	I-95	Widen to 4 Lanes
239	I-10	Nassau/Duval County Line	US 301	Widen to 8 Lanes
240	I-10	US 301	First Coast Expressway (SR 23)	Widen to 8 Lanes
241	I-295	103rd Street (SR 134)	I-10	Widen to 8 Lanes
242	I-295	at Roosevelt Boulevard (US 17)		Modify Interchange
243	I-295	I-10	South of New Kings Road (US 1)	Widen to 8 Lanes
244	I-295	I-95	SR 9B	Widen to 8 Lanes
245	I-295	I-95 North	Dames Point Bridge/Heckscher Drive	Widen to 8 Lanes
246	I-295	I-95 South	San Jose Boulevard (SR 13)	Widen to 8 Lanes
248	I-295	New Kings Road (US 1)	North of Trout River	Widen to 8 Lanes
249	I-295	North of Trout River	I-95	Widen to 8 Lanes
250	I-295	Roosevelt Boulevard (US 17)	103rd Street (SR 134)	Widen to 8 Lanes
251	I-295	San Jose Boulevard (SR 13)	W of Roosevelt Boulevard (US 17)	Widen to 8 Lanes + Trail
252	I-295	J. T. Butler Boulevard (SR 202)	Southside Connector (SR 113)	Widen to 8 Lanes
253	I-95	Airport Road (SR 102)	Duval/Nassau County Line	Widen to 6 Lanes
254	I-95	at Airport Road (SR 102)		Modify Interchange



Duval County 2045 Roadway LRTP Projects

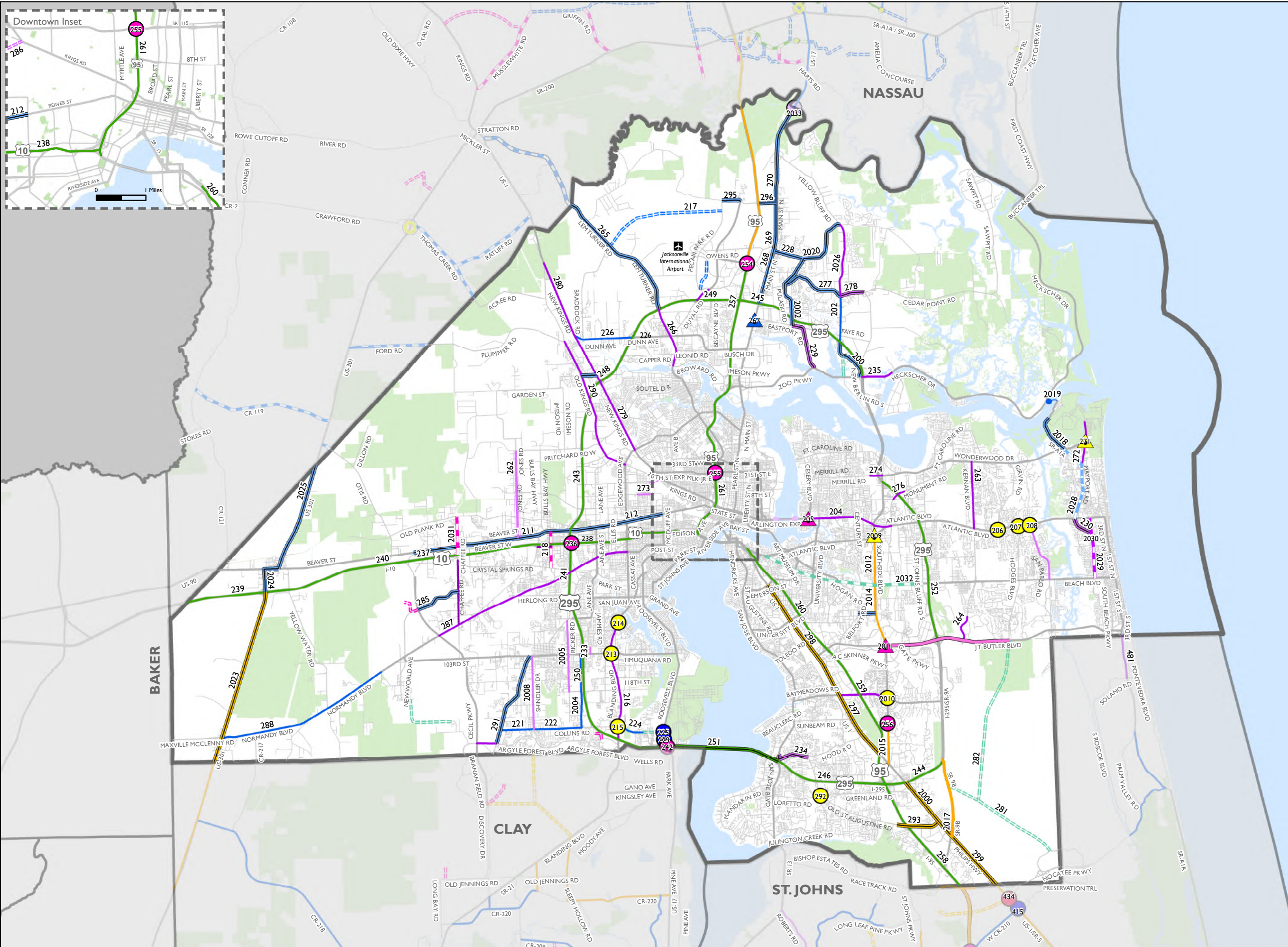
Map ID	Facility	From	To	Improvement Type
255	I-95	at MLK (US 1/SR 15)		Modify Interchange
256	I-95	at Southside Boulevard (SR 115)		Modify Interchange
257	I-95	Dunn Avenue (SR 104)	Airport Road (SR 102)	Widen to 8 Lanes
258	I-95	Duval/St. John's County Line	I-295	Widen to 8 Lanes
259	I-95	I-295	J. T. Butler Boulevard (SR 202)	Widen to 8 Lanes
260	I-95	J. T. Butler Boulevard (SR 202)	Atlantic Boulevard (SR 10)	Widen to 8 Lanes
261	I-95	North of Fuller Warren Bridge	Dunn Avenue (SR 104)	Widen to 8 Lanes
262	Jones Road	Pritchard Road	Beaver Street (US 90)	Operational Improvements
263	Kernan Boulevard	Atlantic Boulevard (SR 10)	McCormick Road (SR 116)	Context Sensitive Solutions
264	Kernan Boulevard	J. T. Butler Boulevard (SR 202)	Glen Kernan Parkway	Context Sensitive Solutions
265	Lem Turner Road (SR 115)	I-295	Nassau County Line	Widen to 4 Lanes + Trail
266	Lem Turner Road (SR 115)	I-295	Golfair Boulevard	Context Sensitive Solutions
267	Main Street (US 17)	at Eastport Road		New Interchange + Trail
268	Main Street (US 17)	I-295	New Berlin Road	Widen to 4 Lanes + Trail
269	Main Street (US 17)	New Berlin Road	Pecan Park Road	Widen to 4 Lanes + Trail
270	Main Street (US 17)	Pecan Park Road	Nassau/Duval County Line	Widen to 4 Lanes + Trail
271	Mayport Road (SR 101)	at Wonderwood Drive (SR 116)		Intersection Improvements + Trail
272	Mayport Road (SR 101)	Wonderwood Drive (SR 116)/SR A1A	Mayport Main Gate	Context Sensitive Solutions
273	McDuff Avenue / 5th Street	Melson Avenue	Huron Street	Widen to 3 Lanes
274	Merrill Road	Hartsfield Road	Southside Connector (SR 113)	Context Sensitive Solutions
275	Monument Road	I-295	Tredinick Parkway	Context Sensitive Solutions
276	Monument Road	Lee Road	I-295	Context Sensitive Solutions
277	New Berlin Road	Pulaski Road	Yellow Bluff Road	Widen to 4 Lanes + Trail
278	New Berlin Road	Yellow Bluff Road	Cedar Point Road	Widen to 3 Lanes + Trail
279	New Kings Road (US 1/SR 15)	Edgewood Avenue (SR 111)	I-295	Context Sensitive Solutions
280	New Kings Road (US 1/SR 15)	I-295	Old Kings Road	Context Sensitive Solutions

Duval County 2045 Roadway LRTP Projects

Map ID	Facility	From	To	Improvement Type
281	New Road A	Valley Ridge Boulevard	9B (E-Town Boulevard)	New 4 Lane Road + Trail
282	New Road B	Valley Ridge Boulevard	SR 202 J Turner Butler Boulevard	New 4 Lane Road + Trail
283	New Road C	Pecan Park Road	Woodwings Road	New 2 Lane Road + Trail
285	New World Avenue (POW-MIA Parkway)	Chaffee Road	First Coast Expressway (SR 23)	Widen to 4 Lanes + Trail
286	Norfolk Southern Railroad Overpass	West 12th Street	New Kings Road (US 23)	New 3 Lane Road / Bridge + Trail
287	Normandy Boulevard (SR 228)	First Coast Expressway (SR 23)	Cassat Avenue (SR 111)	Context Sensitive Solutions
288	Normandy Boulevard (SR 228)	US 301	Bell Road (Equestrian Park)	Widen to 4 Lanes
290	Old Kings Road	Edgewood Avenue (SR 111)	Plummer Road	Context Sensitive Solutions (Bike/Ped Overpass)
291	Old Middleburg Road	103rd Street (SR 134)	Argyle Forest Boulevard	Widen to 4 Lanes + Trail
292	Old St. Augustine Road	at Greenland Road		Intersection Improvements / Add 1 Lane
293	Old St. Augustine Road	Bartram Park Boulevard	Phillips Highway (US 1/SR 5)	Widen to 6 Lanes and Overpass + Trail
294	Parramore Road Extension	Youngerman Circle	Collins Road	New 2 Lane Road
295	Pecan Park Road	Braddock Boulevard	JIA North Access Road	Widen to 4 Lanes + Trail
296	Pecan Park Road	I-95	Main Street (US 17)	Widen to 4 Lanes + Trail
297	Philips Highway (US 1/SR 5)	I-95 at the Avenues	J. T. Butler Boulevard (SR 202)	Widen to 6 Lanes + Trail
298	Philips Highway (US 1/SR 5)	J. T. Butler Boulevard (SR 202)	Emerson Street (SR 126)	Widen to 6 Lanes + Trail
299	Philips Highway (US 1/SR 5)	Nocatee Parkway / Racetrack Road	SR 9B	Widen to 6 Lanes + Trail
2000	Philips Highway (US 1/SR 5)	SR 9B	I-295	Widen to 6 Lanes + Trail
2001	Pulaski Road	Eastport Road	I-295	Widen to 4 Lanes + Trail
2002	Pulaski Road / Starratt Road	I-295	Duval Station Road	Widen to 4 Lanes + Trail
2003	Ramona Boulevard	Hammond Boulevard	Cahoon Road South	Widen to 5 Lanes
2004	Rampart / Firestone Road	Collins Road	103rd Street (SR 134)	Widen to 4 Lanes
2005	Ricker Road	Morse Avenue	Old Middleburg Road	Widen to 3 Lanes
2007	San Pablo Road	Beach Boulevard (US 90)	Atlantic Boulevard (SR 10)	Widen to 3 Lanes
2008	Shindler Drive	Collins Road	103rd Street (SR 134)	Widen to 3 Lanes
2009	Southside Boulevard (SR 115)	at Atlantic Boulevard (SR 10)		Intersection Improvements + Trail

Duval County 2045 Roadway LRTP Projects

Map ID	Facility	From	To	Improvement Type
2010	Southside Boulevard (SR 115)	at Baymeadows Road (SR 152)		Construct a continuous flow intersection
2011	Southside Boulevard (SR 115)	at J. T. Butler Boulevard (SR 202)		Modify Interchange + Trail
2012	Southside Boulevard (SR 115)	Beach Boulevard (US 90)	Atlantic Boulevard (SR 10)	Widen to 6 Lanes
2014	Southside Boulevard (SR 115)	J. T. Butler Boulevard (SR 202)	Beach Boulevard (US 90)	Widen to 6 Lanes
2015	Southside Boulevard (SR 115)	Philips Highway (US 1/SR 5)	I-95 Ramps	Widen to 6 Lanes
2016	SR 9B	Philips Highway (US 1/SR 5)	I-295	Widen to 6 Lanes
2017	SR 9B	Phillips Highway (US 1)	I-295	Widen to 6 Lanes
2018	SR A1A	Wonderwood Drive (SR 116)	Naval Station Mayport North Gate	Widen to 4 Lanes + Trail, Bridge Replacement
2019	St Johns River Ferry (SR A1A)			Ferry Slip Replacement
2020	Starratt Road	Duval Station Road	Yellow Bluff Road	Widen to 4 Lanes + Trail
2021	Touchton Road	Belfort Road	Southside Boulevard (SR 115)	Widen to 4 Lanes + Trail
2022	Trout River Boulevard	Old Kings Road	New Kings Road (US 23)	Widen to 4 Lanes + Trail
2023	US 301 (SR 200)	Duval/Clay County Line	I-10	Widen to 6 Lanes + Trail
2024	US 301 (SR 200)	South of Baldwin	North of Balwin	Widen to 4 Lanes + Trail
2025	US 301 (SR 200)	US 90	Duval/Nassau County Line	Widen to 4 Lanes + Trail
2026	Yellow Bluff Road	Starratt Road	New Berlin Road (north)	Context Sensitive Solutions
2027	Cecil Connector Road Extension	Branan Field Road	Aviation Avenue	New 4 Lane Road + Trail
2028	SR A1A	Atlantic Boulevard (SR 10)	Wonderwood Drive (SR 116)	Reconstruct + Trail
2029	Penman Road	Beach Boulevard (SR 212)	Atlantic Boulevard (SR 10)	Reconstruct + Trail
2030	Penman Road	At Florida Avenue/Forest Avenue		Intersection Improvements + Trail
2031	Chaffee Road	I-10	Old Plank Road	Reconstruct + Trail 2 Lanes
2032	Beach Boulevard (SR 212)	St. Johns Bluff Road	Atlantic Boulevard (SR 10)	Reconstruct + Trail
2033	US 17 Bridge	Nassau County Line		Bridge Improvements
2034	J Turner Butler Boulevard	Southside Boulevard	Hodges Boulevard	Add Eastbound General Purpose Lane
2035	Mathews Bridge			Bridge Replacement



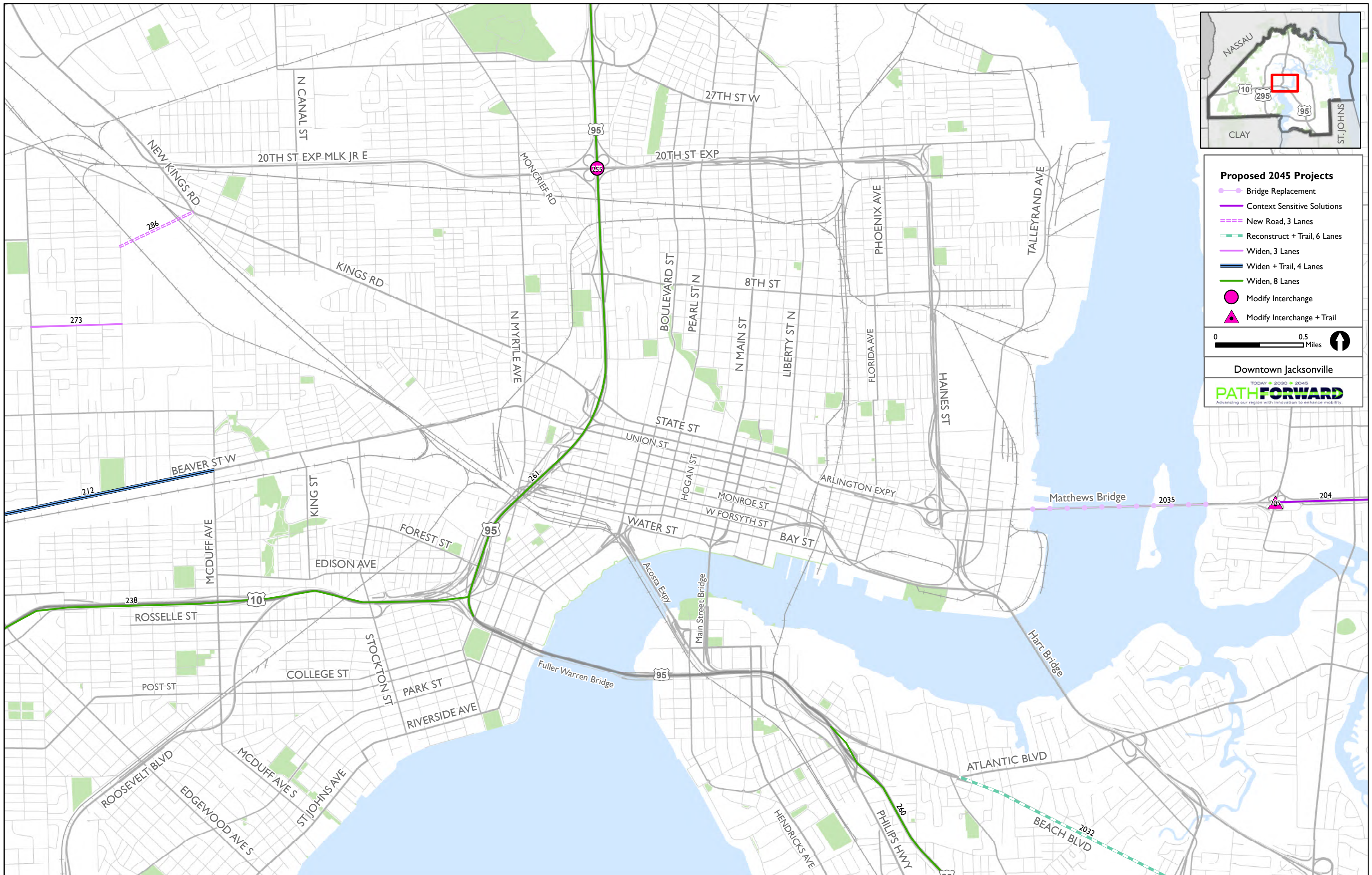
### Proposed 2045 Projects

- Add Lane, Eastbound
- Add Express Lanes, 4 Lanes
- ⬭ Bridge Replacement
- ⬭ Context Sensitive Solutions
- ⬭ Ferry Slip Replacement
- ⬭ New Road, 2 Lanes
- ⬭ New Road + Trail, 2 Lanes
- ⬭ New Road, 3 Lanes
- ⬭ New Road, 4 Lanes
- ⬭ New Road + Trail, 4 Lanes
- ⬭ Operational Improvements
- ⬭ Reconstruct and New, 2 Lanes
- ⬭ Reconstruct + Trail, 2 Lanes
- ⬭ Reconstruct + Trail, 3 Lanes
- ⬭ Reconstruct + Trail, 4 Lanes
- ⬭ Reconstruct + Trail, 6 Lanes
- ⬭ Widen, 3 Lanes
- ⬭ Widen + Trail, 3 Lanes
- ⬭ Widen, 4 Lanes
- ⬭ Widen + Trail, 4 Lanes
- ⬭ Widen, 5 Lanes
- ⬭ Widen, 6 Lanes
- ⬭ Widen + Trail, 6 Lanes
- ⬭ Widen, 8 Lanes
- ⬭ Widen + Trail, 8 Lanes
- ⬭ Bridge Improvements
- Intersection Improvements
- ▲ Intersection Improvements + Trail
- Modify Interchange
- ▲ Modify Interchange + Trail
- New Flyover
- New Interchange
- ▲ New Interchange + Trail

0 3 Miles ↑

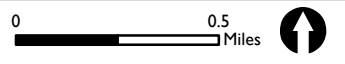
**Duval County Road Projects**

TODAY + 2030 + 2045  
**PATHFORWARD**  
Advancing our region with innovation to enhance mobility.

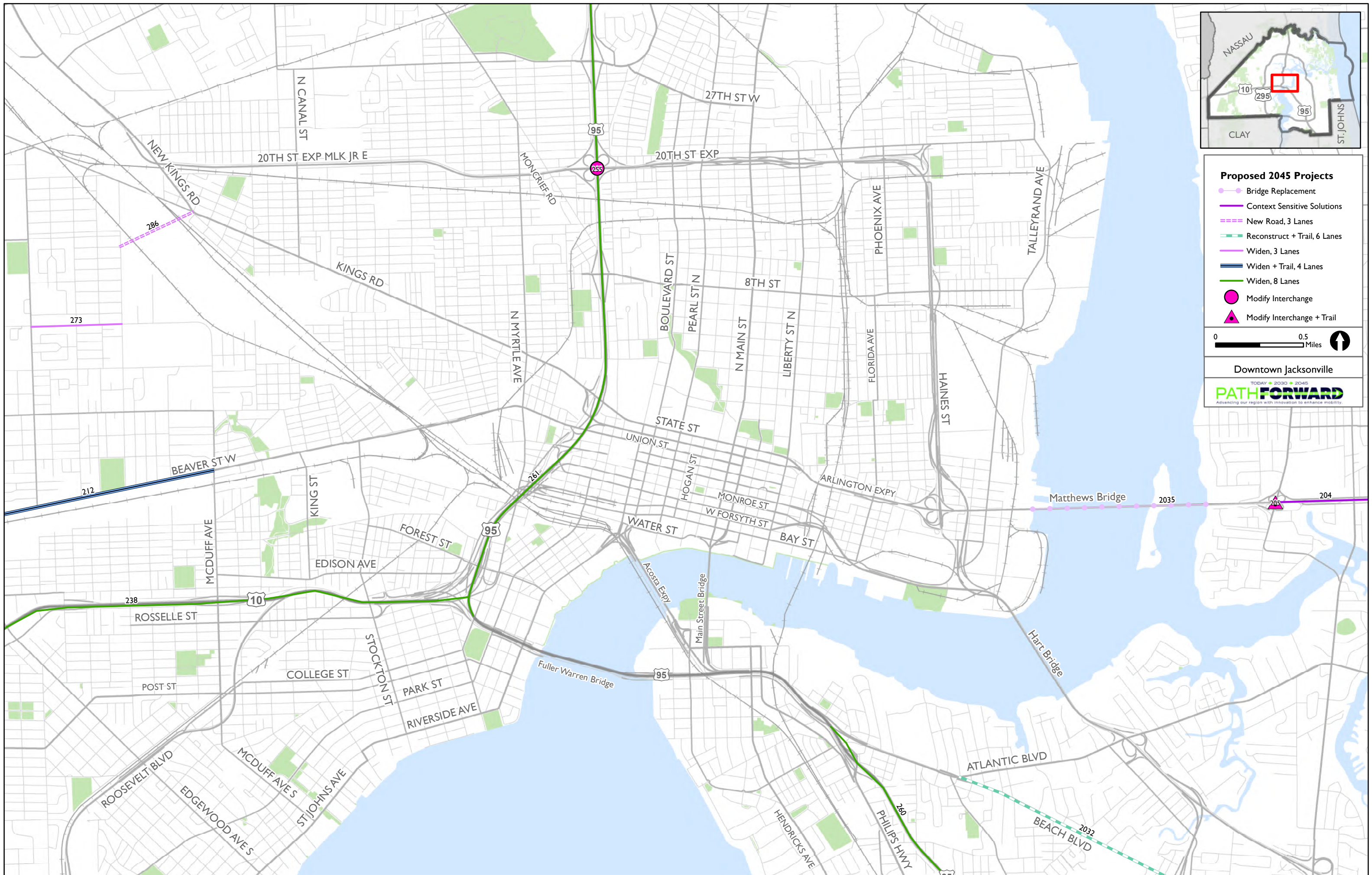


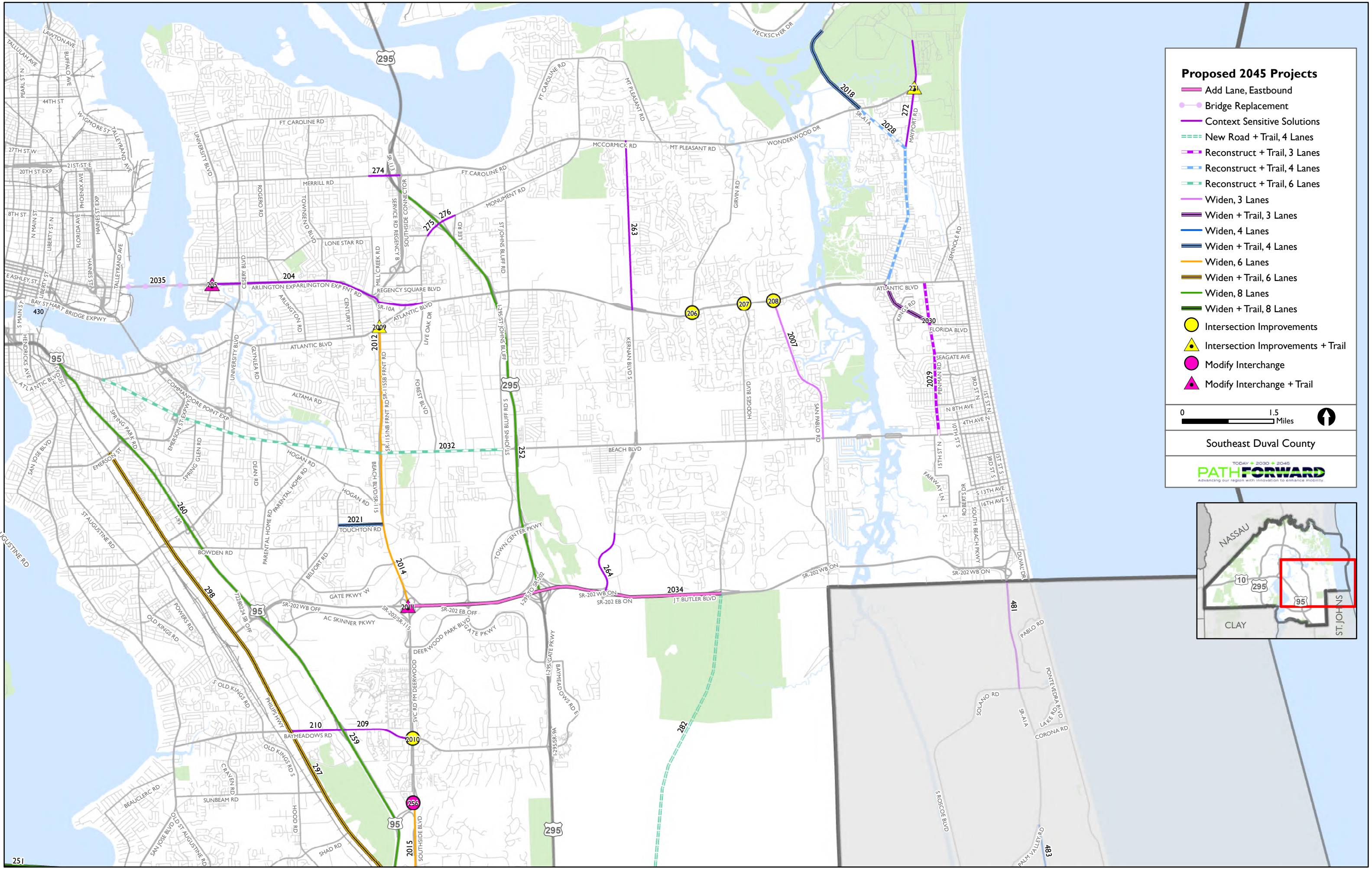
**Proposed 2045 Projects**

- Bridge Replacement
- Context Sensitive Solutions
- - - New Road, 3 Lanes
- - - Reconstruct + Trail, 6 Lanes
- Widen, 3 Lanes
- Widen + Trail, 4 Lanes
- Widen, 8 Lanes
- Modify Interchange
- ▲ Modify Interchange + Trail



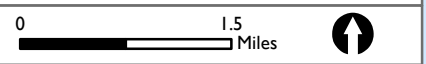
Downtown Jacksonville



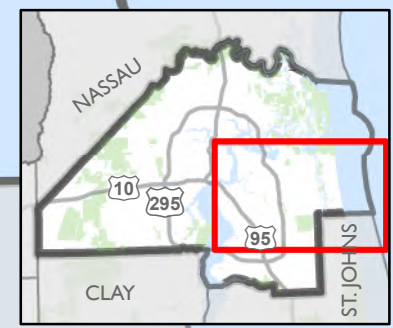


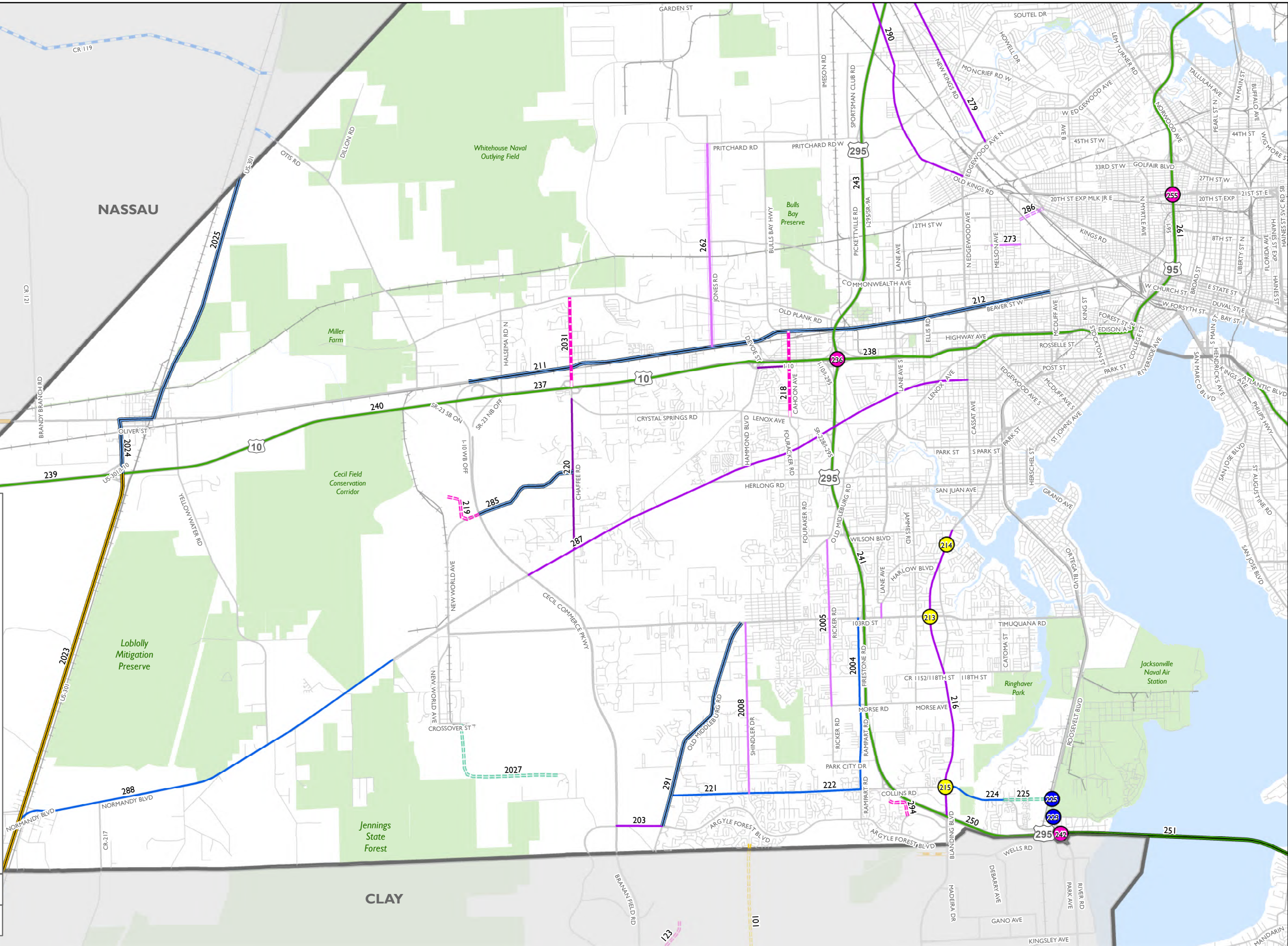
**Proposed 2045 Projects**

- Add Lane, Eastbound
- Bridge Replacement
- Context Sensitive Solutions
- - - New Road + Trail, 4 Lanes
- Reconstruct + Trail, 3 Lanes
- Reconstruct + Trail, 4 Lanes
- Reconstruct + Trail, 6 Lanes
- Widen, 3 Lanes
- Widen + Trail, 3 Lanes
- Widen, 4 Lanes
- Widen + Trail, 4 Lanes
- Widen, 6 Lanes
- Widen + Trail, 6 Lanes
- Widen, 8 Lanes
- Widen + Trail, 8 Lanes
- Intersection Improvements
- ▲ Intersection Improvements + Trail
- Modify Interchange
- ▲ Modify Interchange + Trail



Southeast Duval County



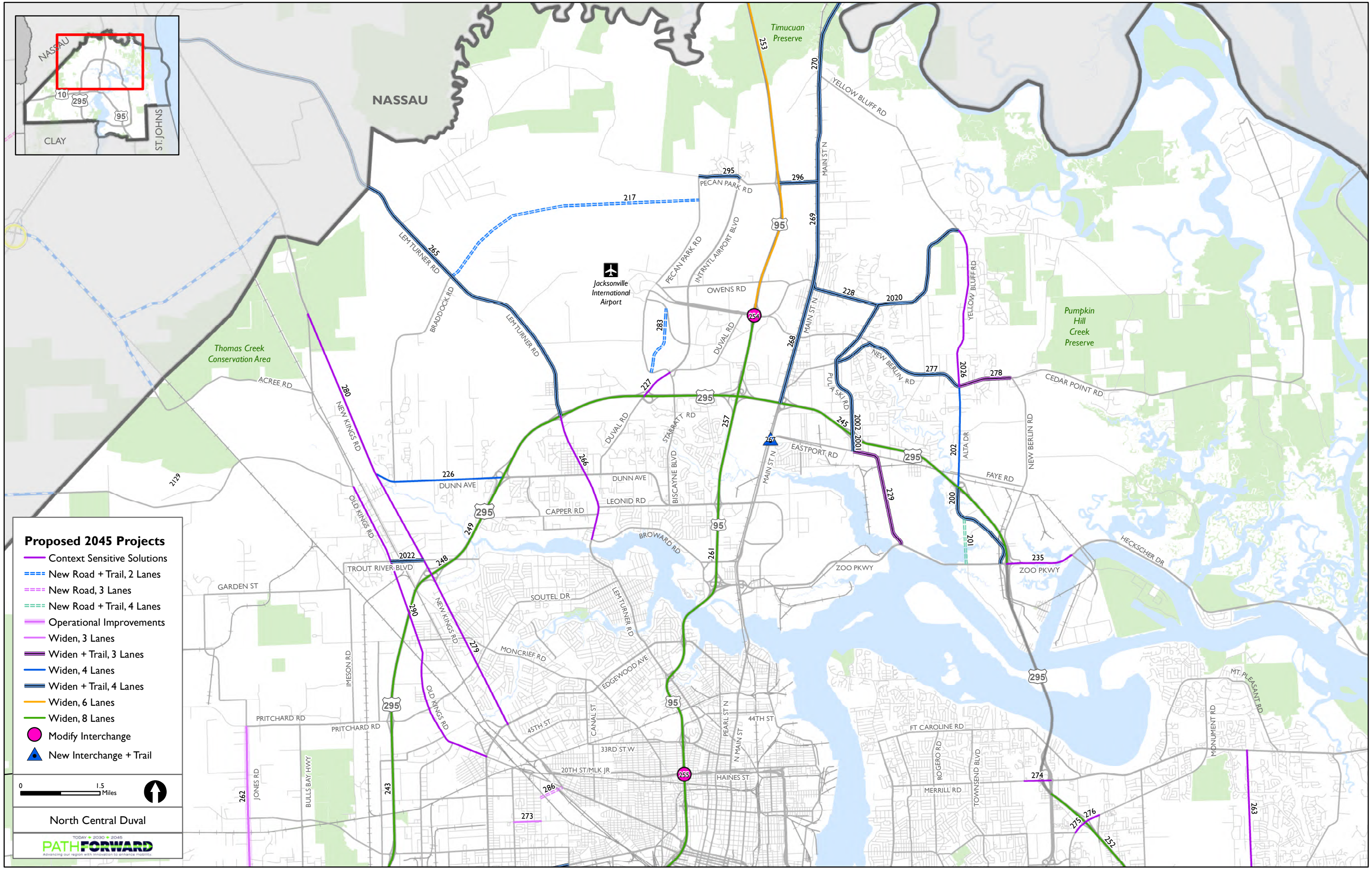
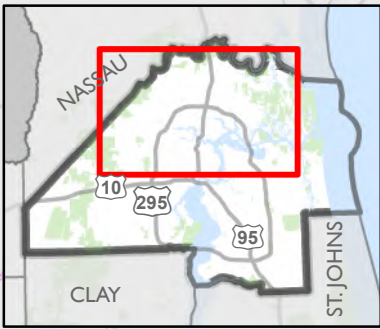


**Proposed 2045 Projects**

- Context Sensitive Solutions
- New Road, 2 Lanes
- New Road, 3 Lanes
- New Road, 4 Lanes
- New Road + Trail, 4 Lanes
- Operational Improvements
- Reconstruct and New, 2 Lanes
- Reconstruct + Trail, 2 Lanes
- Reconstruct + Trail, 6 Lanes
- Widen, 3 Lanes
- Widen, 4 Lanes
- Widen + Trail, 4 Lanes
- Widen, 5 Lanes
- Widen, 6 Lanes
- Widen + Trail, 6 Lanes
- Widen, 8 Lanes
- Widen + Trail, 8 Lanes
- Intersection Improvements
- Modify Interchange
- New Interchange

0 1.5 Miles

**Southwest Duval**



**Proposed 2045 Projects**

- Context Sensitive Solutions
- New Road + Trail, 2 Lanes
- New Road, 3 Lanes
- New Road + Trail, 4 Lanes
- Operational Improvements
- Widen, 3 Lanes
- Widen + Trail, 3 Lanes
- Widen, 4 Lanes
- Widen + Trail, 4 Lanes
- Widen, 6 Lanes
- Widen, 8 Lanes
- Modify Interchange
- ▲ New Interchange + Trail

0 1.5 Miles

North Central Duval

TODAY • 2030 • 2045  
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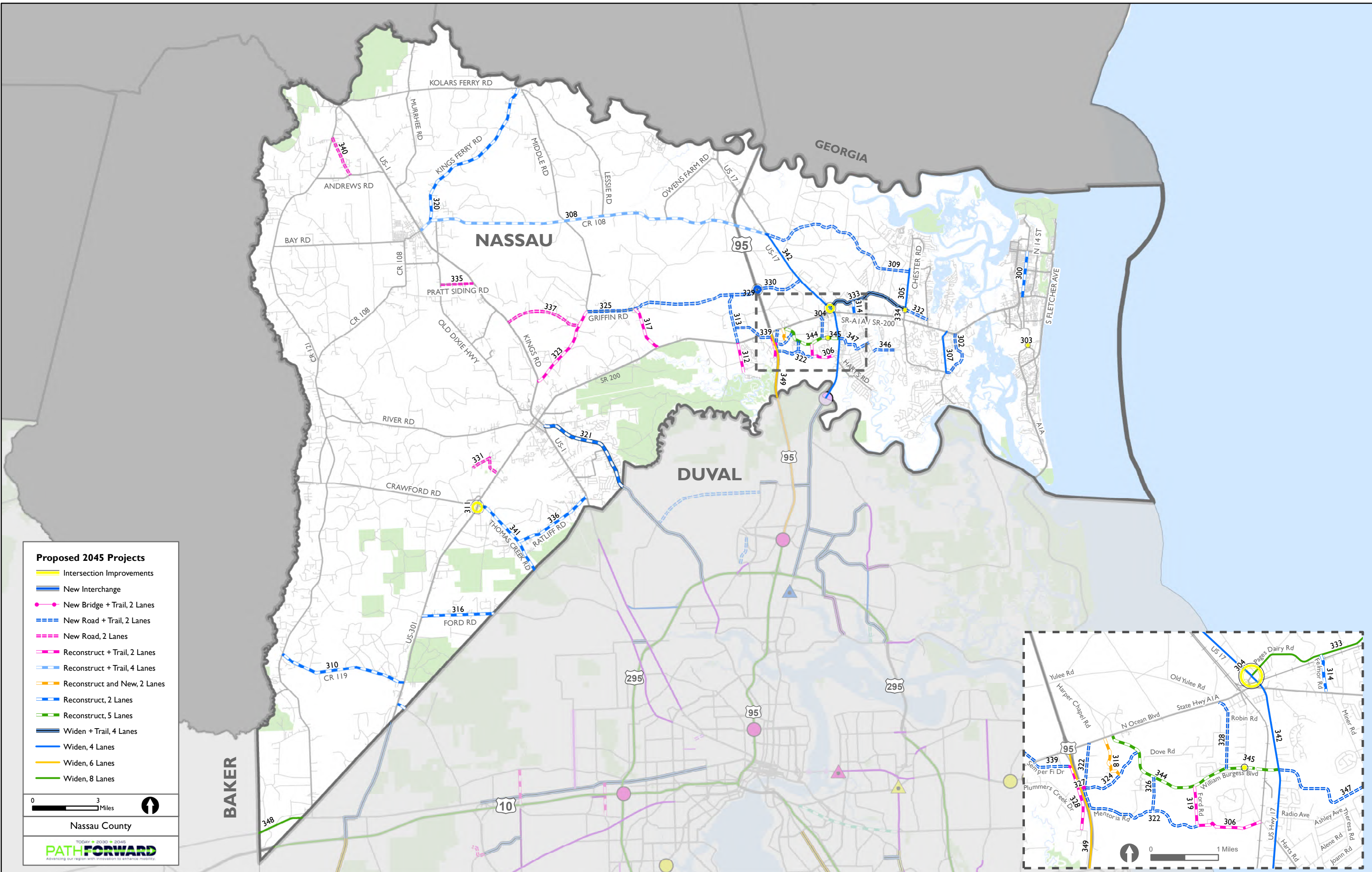


Nassau County 2045 Roadway LRTP Projects

Map ID	Facility	From	To	Improvement	Improvement Detail
300	I4th Street	Sadler Road	AIA/200/Atlantic Avenue	Reconstruct	2 Lanes
301	Amelia Concourse (ex)	Frank Ward Road	Old Nassauville Road	New Road + Trail	2 Lanes
302	Amelia Concourse Ex P2	SR 200	Frank Ward Road	New Road + Trail	2 Lanes
303	Amelia Island Parkway	at Buccaneer Trail		Intersection Improvements	Roundabout
304	US 17	at Pages Dairy Road		Intersection Improvements	Traffic Light
305	Chester Road	Pages Dairy Road	Green Pine Road	Widen	4 Lanes
306	Clyde Higginbotham Road	Harvester Street	Harts Road	Reconstruct + Trail	2 Lanes
307	CR-107	Amelia Concourse	SR 200	Widen	4 Lanes
308	CR-108	US 1/SR 23/US 17	US 17	Reconstruct + Trail	4 Lanes
309	CR-108 Extension	US 17	Chester Road	New Road + Trail	2 Lanes
310	CR-119 (OTIS Rd)	CR 121	US 301	Reconstruct	2 Lanes
311	Crawford Road	at CR 121		Intersection Improvements	
312	Edwards Road	Easy Street	SR 200	Reconstruct + Trail	
313	Edwards Road (ex)	SR 200	New Road X	New Road + Trail	2 Lanes
314	Felmor Road	Pages Dairy Road	SR 200	Reconstruct	2 Lanes
315	Felmor Road	School	SR 200	Reconstruct	2 Lanes
316	Ford Road	US 301/SR 200	Duval County Line	Reconstruct	2 Lanes
317	Griffin Road	Griffin Road (Bend)	SR 200	Reconstruct + Trail	2 Lanes
318	Harper Chapel Road	SR 200	New Road X	Reconstruct and New	2 Lanes
319	Harvester Street	William Burgess Boulevard	Harvester Street (Bend)	Reconstruct + Trail	2 Lanes
320	Kings Ferry Road	CR 108	Kolars Ferry Road	Reconstruct	2 Lanes
321	Lem Turner	US 1/SR 15	Duval County Line	Reconstruct	2 Lanes
322	Mentoria Road	SR 200/Buccaneer Trail	Harvester Street	New Road + Trail	2 Lanes
323	Musslewhite Road	US 1/New Kings Road	Griffin Road	Reconstruct + Trail	2 Lanes
324	New Road X	William Burgess Boulevard	Mentoria Road	New Road + Trail	2 Lanes
325	New Road X	Middle Road/Griffin Road	I-95	New Road + Trail	2 Lanes

Nassau County 2045 Roadway LRTP Projects

MAP ID	Facility	From	To	Improvement	Improvement Detail
326	New Road X	William Burgess Boulevard	New Road X	New Road + Trail	2 Lanes
327	New Bridge X	Semper Fi Drive	Mentoria Road	New Bridge + Trail	2 Lanes
328	Cardinal Road	SR 200	William Burgess Boulevard	New Road + Trail	2 Lanes
329	New Interchange X	I-95	New Road X	New Interchange	
330	New Interchange Road East	I-95	US I	New Road + Trail	
331	Old Baldwin Road	Old Baldwin Road	Sandy Ford Road	New Road	2 Lanes
332	Pages Dairy Rd (ex)	Chester Road	Blackrock Road	New Road + Trail	2 Lanes
333	Pages Dairy Road	US 17	Chester Road	Widen + Trail	4 Lanes
334	Pages Dairy Road	at Chester Road		Intersection Improvements	
335	Pratt Siding Road	Old Dixie Highway	US I	New Road	2 Lanes
336	Ratliff Road	Thomas Creek Road	US I	Reconstruct	2 Lanes
337	Sauls Road	US I	Musselwhite Road	New Road	2 Lanes
338	Semper Fi	Semper Fi Ext	Johnson Lake Road	Reconstruct + Trail	2 Lanes
339	Semper Fi (ex)	SR 200	Semper Fi Drive	New Road + Trail	2 Lanes
340	Sundberg Rd	CR 121	Andrews Road	New Road	2 Lanes
341	Thomas Creek Road	US 301	Duval County Line	Reconstruct	2 Lanes
342	US-17	CR 108	Duval County Line	Widen	4 Lanes
343	Wildewood Connection to Edward Rd	Edwards Road Ext	SR 200	New Road + Trail	2 Lanes
344	William Bugess Blvd (redev)	SR 200	US 17	Reconstruct	5 Lanes
345	William Burgess	at Harts Road		Intersection Improvements	Roundabout
346	William Burgess Blvd (ex ph 2)	Miner Road	Hampton Club Way	New Road + Trail	2 Lanes
347	William Burgess Blvd (ex)	US 17	Miner Road	New Road + Trail	2 Lanes
348	I-10	Baker County Line	Duval County Line	Add Express Lanes	4 Lanes
349	I-95	Duval County Line	SR 200 (AIA)	Widen	6 Lanes

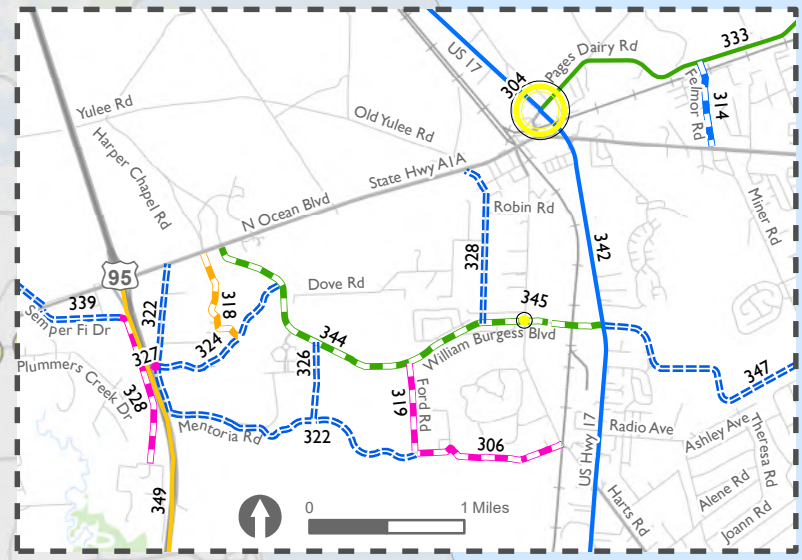


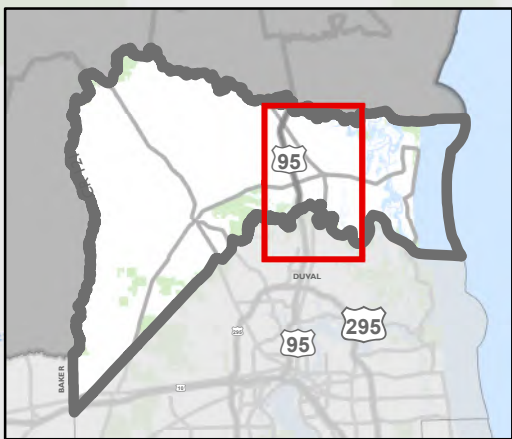
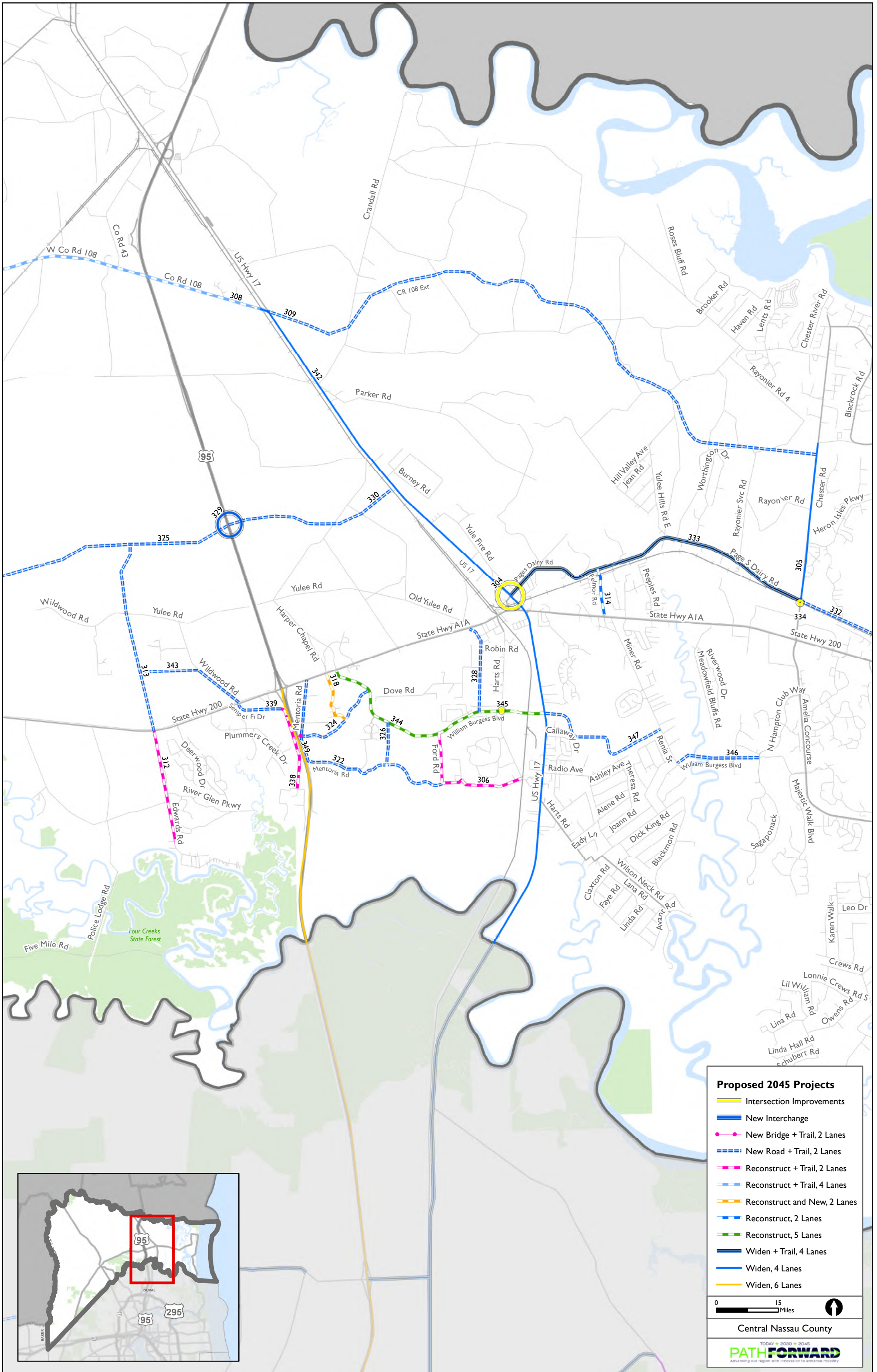
**Proposed 2045 Projects**

- Intersection Improvements
- New Interchange
- New Bridge + Trail, 2 Lanes
- - - New Road + Trail, 2 Lanes
- - - New Road, 2 Lanes
- - - Reconstruct + Trail, 2 Lanes
- - - Reconstruct + Trail, 4 Lanes
- - - Reconstruct and New, 2 Lanes
- - - Reconstruct, 2 Lanes
- - - Reconstruct, 5 Lanes
- Widen + Trail, 4 Lanes
- Widen, 4 Lanes
- Widen, 6 Lanes
- Widen, 8 Lanes



Nassau County





**Proposed 2045 Projects**

- Intersection Improvements
- New Interchange
- New Bridge + Trail, 2 Lanes
- New Road + Trail, 2 Lanes
- Reconstruct + Trail, 2 Lanes
- Reconstruct + Trail, 4 Lanes
- Reconstruct and New, 2 Lanes
- Reconstruct, 2 Lanes
- Reconstruct, 5 Lanes
- Widen + Trail, 4 Lanes
- Widen, 4 Lanes
- Widen, 6 Lanes

0 15 Miles

Central Nassau County

**PATH FORWARD**  
Advancing our region with innovation to enhance mobility.

St. Johns County 2045 Roadway LRTP Projects

Map ID	Facility	From	To	Improvement Type
400	Aerial Tramway	East Parking Garage	West Parking Garage	Aerial Tramway
401	Anastasia Boulevard (AIA)	N St. Augustine Boulevard	Comares Avenue	Multimodal Way
402	Anastasia Boulevard (AIA)	Comares Avenue	Red Cox Road	Multimodal Way
403	Big Oak Road	Dixie Highway (US I/SR 5)	SR 313	New 4 Lane Road
404	Big Oak Road	at I-95		New Interchange
405	Big Oak Road Extension	SR 313	I-95	New 4 Lane Road
406	Bridge Street	Avenida Menendez	Riberia Street	Complete Street
407	Carrera Street	Cordova Street	North Ponce De Leon Blvd (US I)	Complete Street
408	Cathedral Place	Avenida Menendez (AIA)	Cordova Street	Shared Street
409	Charlotte Street	King Street	S Castillo Drive	Shared Street
410	Cordova Street	King Street	Orange Street	Complete Street
411	Cordova Street	King Street	St. Francis Street	Complete Street
412	CR 16A	SR 16 Connector	SR 13	Widen to 4 Lanes
413	CR 210	I-95	near US I	Widen to 6 Lanes
414	CR 210	Cimarrone Road	Greenbriar Road	Widen to 4 Lanes
415	CR 210	at US I/SR 5		New Interchange
416	CR 210 W	Greenbriar Road	Longleaf Pine Parkway	Widen to 4 Lanes
417	CR 214	US I	Holmes Boulevard	Widen to 3 Lanes
418	CR 2209	at CR 210		New Interchange
419	CR 2209	SR 16 Connector	International Golf Parkway	New 4 Lane Road
420	CR 2209	International Golf Parkway	SR 16	New 4 Lane Road
421	CR 2209	SR 16	CR 208	New 4 Lane Road
422	CR 2209	CR 208	CR 214	New 4 Lane Road
423	CR 2209	CR 214	SR 207/CR 305	New 4 Lane Road
424	CR 305	SR 207	SR 206	Widen to 4 Lanes
425	CR 305	SR 206	CR 204	New 4 Lane Road

St. Johns County 2045 Roadway LRTP Projects

Map ID	Facility	From	To	Improvement Type
426	Cuna Street	Avenida Menendez (AIA)	Charlotte Street	Shared Street
427	Cuna Street	Charlotte Street	Cordova Street	Shared Street
428	Leonardi Street	King Street	South Dixie Highway	Shared Street
429	Dixie Highway (US 1/SR 5)	SR 206	Lewis Point Road	Widen to 6 Lanes
430	Dixie Highway (US 1/SR 5)	SR 313	International Golf Parkway	Widen to 6 Lanes
431	Dixie Highway (US 1/SR 5)	International Golf Parkway	Racetrack Road	Widen to 6 Lanes
432	Dixie Highway / Pellicer Lane	West of King Street (CR 214)	SR 207	Context Sensitive Solutions
433	Durbin Parkway	9B Extension	Nocatee Parkway	New 4 Lane Road
434	Durbin Parkway	at Dixie Highway (US 1/SR 5)		New Flyover
435	East Garage	Anastasia Blvd & Comares Avenue Vicinty		Parking Garage
436	Holmes Boulevard	CR 214	Four Mile Road	Widen to 6 Lanes
437	Hypolita Street	Avenida Menendez (AIA)	North Ponce De Leon Blvd (US 1)	Shared Street
438	I-95	at Ponce De Leon Boulevard (US 1/SR 5)		Modify Interchange
439	I-95	at SR 206		Modify Interchange
440	I-95	St. Johns/Flagler County Line	SR 206	Add 4 Express Lanes
441	I-95	SR 206	International Golf Parkway	Add 4 Express Lanes
442	I-95	at CR 210		Modify Interchange
443	I-95	International Golf Parkway	St. Johns/Duval County Line	Add 4 Express Lanes
445	International Golf Parkway	SR 16	I-95	Widen to 6 Lanes
446	King Street	Avenida Menendez (AIA)	N Rodriguez Street	Multimodal Way
447	Longleaf Pine Parkway	CR 210	Roberts Road	Widen to 4 Lanes
448	Mickler Road	Palm Valley Road	SR AIA	Widen to 4 Lanes
449	ML King Ave	King Street	South Street	Complete Street
450	North Garage	Florida East Coast Rail / TOD Vicinty		Parking Garage
451	North San Sebastian Bridge	Charles Usinas Memorial Hwy (SR 16)	North Ponce De Leon Boulevard (US 1)	New Multimodal Bridge

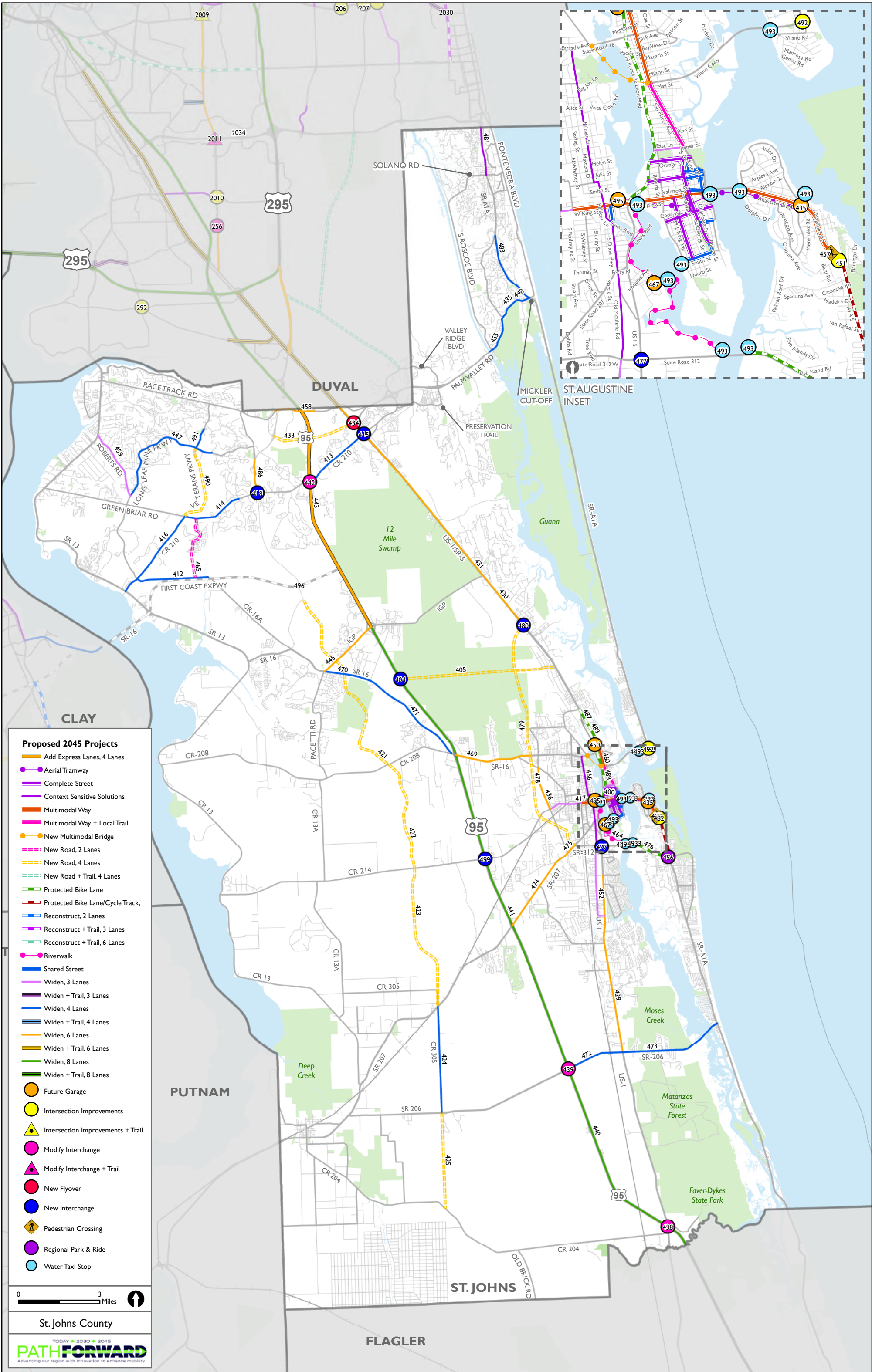
St. Johns County 2045 Roadway LRTP Projects

Map ID	Facility	From	To	Improvement Type
452	Old Moultrie Road	SR 207	SR 312	Multimodal Improvements
453	Old Moultrie Road	SR 312	US I	Widen to 3 Lanes
454	Orange Street	Avenida Menendez (AIA)	North Ponce De Leon Boulevard (US I)	Complete Street
455	Palm Valley Road	Intracoastal Waterway	Mickler Road	Widen to 4 Lanes
456	Park & Ride	SR 312 @ Anastasia Blvd		Park & Ride Station
457	Pedestrian Crossing	The Amp		Pedestrian Crossing
458	Racetrack Road	Bartram Park Boulevard	Bartram Springs	Widen to 6 Lanes
459	Roberts Road	SR 13	Longleaf Pine Parkway	Widen to 3 Lanes
460	San Marco Avenue	May Street (AIA)	Rambla Street	Multimodal Way
461	San Marco Avenue (AIA)	W Castillo Drive	May Street (AIA)	Multimodal Way
463	San Sebastian Riverwalk	King Street	Ice Plant Road	Riverwalk
464	San Sebastian Riverwalk	Ice Plant Road	Matanzas River	Riverwalk
465	Shearwater Parkway	CR 210	CR 16A	New Road, 2 Lanes
466	South Dixie Highway	SR 16	King Street	Context Sensitive Solutions
467	South Garage	Ice Plant Road Vicinty		Parking Garage
468	Spanish Street	Cuna Street	Orange Street	Shared Street
469	SR 16	I-95	SR 313	Widen to 6 Lanes
470	SR 16	International Golf Parkway	South Francis Road	Widen to 4 Lanes
471	SR 16	South Francis Road	Outlet Mall (CR 208)	Widen to 4 Lanes
472	SR 206	I-95	Dixie Highway (US I)	Widen to 4 Lanes
473	SR 206	Dixie Highway (US I/SR 5)	SR AIA	Widen to 4 Lanes
474	SR 207	I-95	South Holmes Boulevard	Widen to 6 Lanes
475	SR 207	Holmes Boulevard	SR 312	Widen to 6 Lanes
476	SR 312	Anastasia Blvd (AIA)	Matanzas River	Protected Bike Lane
477	SR 312	US I		New Interchange

St. Johns County 2045 Roadway LRTP Projects

Map ID	Facility	From	To	Improvement Type
478	SR 313	SR 207	SR 16	New 4 Lane Road
479	SR 313	SR 16	Dixie Highway (US 1)	New 4 Lane Road
480	SR 313	at Dixie Highway (US 1/SR 5)		New Interchange
481	SR AIA	Solano Road	Duval County Line	Context Sensitive Solutions
482	SR AIA	at Red Cox/Coquina Rd		Intersection Improvements
483	SR AIA	Mickler Road	Palm Valley Road	Widen to 4 Lanes
484	St. Francis Street	Avenda Menendez	Cordova Street	Shared Street
485	St. George Street	Cordova Street	South Street	Shared Street
486	St. Johns Parkway	CR 2209	9B Extension	Widen to 6 Lanes
487	US 1	San Sebastian View	Lewis Speedway	Protected Bike Lane
488	US 1	King Street	Charles Usinas Memorial Hwy (SR 16)	Protected Bike Lane
489	US 1	Charles Usinas Memorial Hwy (SR 16)	San Sebastian View	Protected Bike Lane
490	Veterans Parkway	Greenbriar Road	Longleaf Pine Parkway	New 4 Lane Road
491	Veterans Parkway	Longleaf Pine Parkway	4-laned segment	Widen, 4 lanes
492	Vilano Parkway/AIA	Vilano Parkway/AIA		Intersection Improvements
493	Water Taxi Docks	Various Locations		Water Taxi Docks
494	West Castillo Drive	San Marco Avenue (AIA)	North Ponce De Leon Boulevard (US 1)	Widen to four lanes
495	West Garage	Kings St & SR 207 Vicinty		Parking Garage
497	Granada Street	King Street	Bridge Street	Complete Street
498	Anastasia Boulevard (AIA)	Red Cox Avenue	SR 312	Protected Bike Lane/Cycle Track
499	I-95	at CR 214		New Interchange





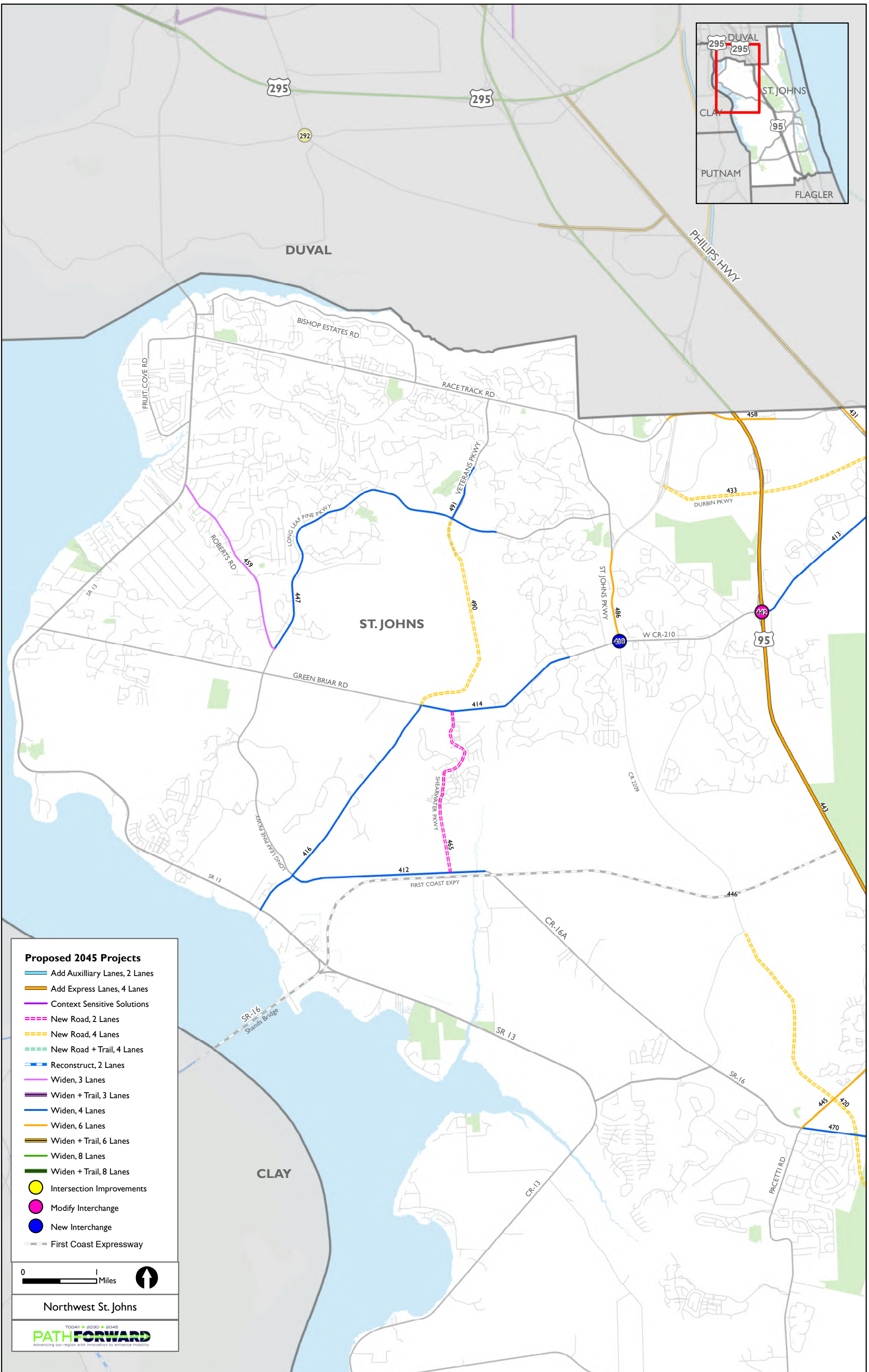
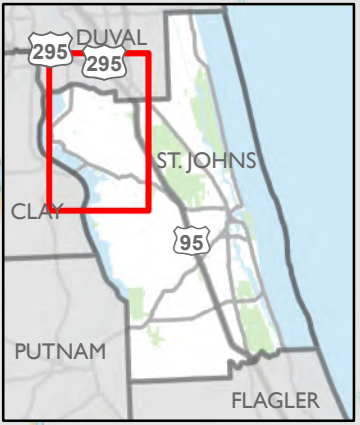
**Proposed 2045 Projects**

- Add Express Lanes, 4 Lanes
- Aerial Tramway
- Complete Street
- Context Sensitive Solutions
- Multimodal Way
- Multimodal Way + Local Trail
- New Multimodal Bridge
- New Road, 2 Lanes
- New Road, 4 Lanes
- New Road + Trail, 4 Lanes
- Protected Bike Lane
- Protected Bike Lane/Cycle Track
- Reconstruct, 2 Lanes
- Reconstruct + Trail, 3 Lanes
- Reconstruct + Trail, 6 Lanes
- Riverwalk
- Shared Street
- Widen, 3 Lanes
- Widen + Trail, 3 Lanes
- Widen, 4 Lanes
- Widen + Trail, 4 Lanes
- Widen, 6 Lanes
- Widen + Trail, 6 Lanes
- Widen, 8 Lanes
- Widen + Trail, 8 Lanes
- Future Garage
- Intersection Improvements
- ▲ Intersection Improvements + Trail
- Modify Interchange
- ▲ Modify Interchange + Trail
- New Flyover
- New Interchange
- ▲ Pedestrian Crossing
- Regional Park & Ride
- Water Taxi Stop

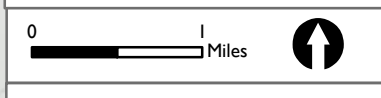
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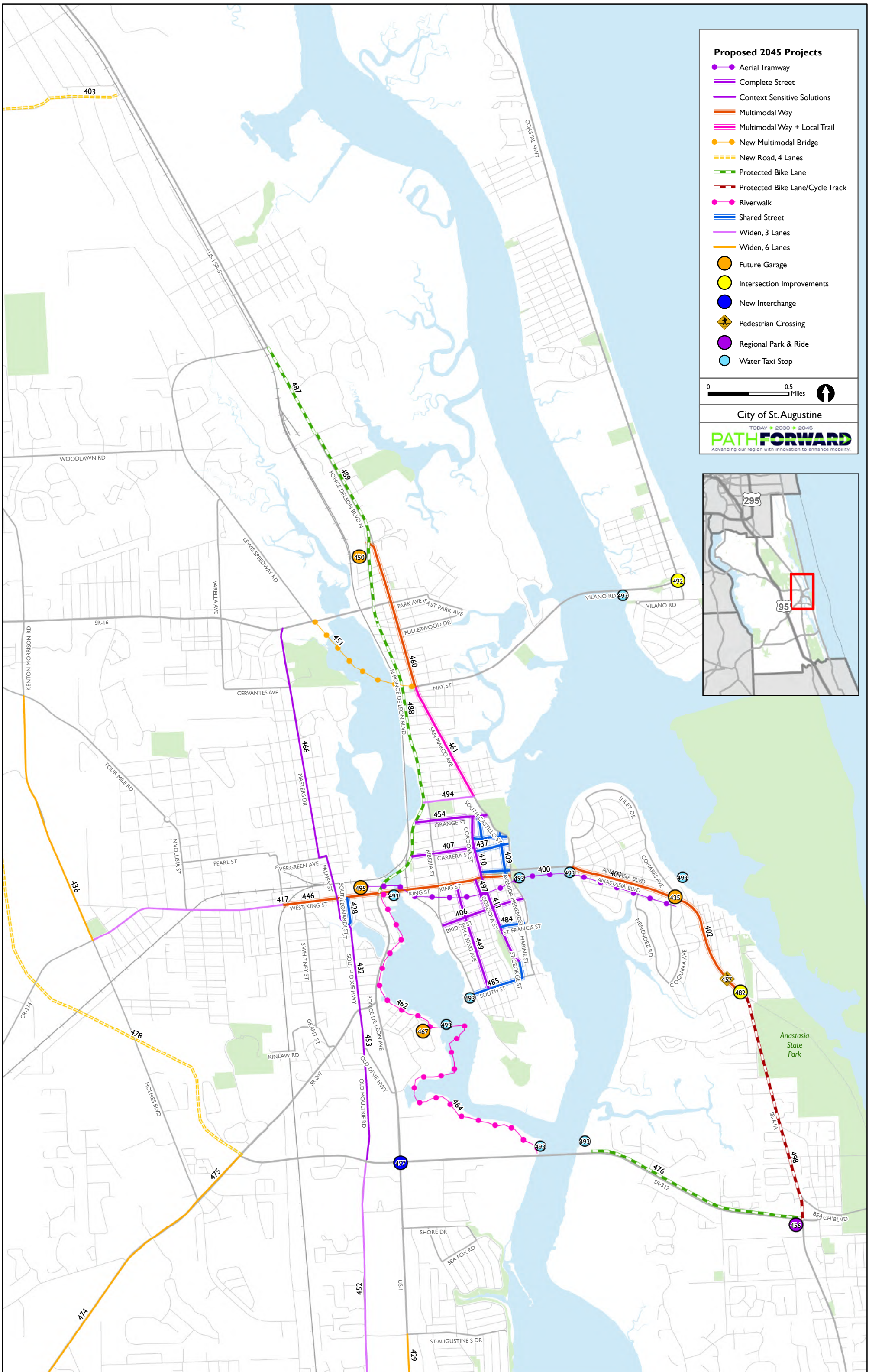
St. Johns County

TODAY 2030 2045  
**PATH FORWARD**  
 Advancing our region with innovation to enhance mobility.

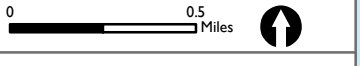


- Proposed 2045 Projects**
- Add Auxilliary Lanes, 2 Lanes
  - Add Express Lanes, 4 Lanes
  - Context Sensitive Solutions
  - New Road, 2 Lanes
  - New Road, 4 Lanes
  - New Road + Trail, 4 Lanes
  - Reconstruct, 2 Lanes
  - Widen, 3 Lanes
  - Widen + Trail, 3 Lanes
  - Widen, 4 Lanes
  - Widen, 6 Lanes
  - Widen + Trail, 6 Lanes
  - Widen, 8 Lanes
  - Widen + Trail, 8 Lanes
  - Intersection Improvements
  - Modify Interchange
  - New Interchange
  - First Coast Expressway





- ### Proposed 2045 Projects
- Aerial Tramway
  - Complete Street
  - Context Sensitive Solutions
  - Multimodal Way
  - Multimodal Way + Local Trail
  - New Multimodal Bridge
  - New Road, 4 Lanes
  - Protected Bike Lane
  - Protected Bike Lane/Cycle Track
  - Riverwalk
  - Shared Street
  - Widen, 3 Lanes
  - Widen, 6 Lanes
  - Future Garage
  - Intersection Improvements
  - New Interchange
  - ▲ Pedestrian Crossing
  - Regional Park & Ride
  - Water Taxi Stop



City of St. Augustine  
 TODAY 2030 2045  
**PATH FORWARD**  
 Advancing our region with innovation to enhance mobility.











Map labels include street names such as US-1/US-95, WOODLAWN RD, KENTON MORRISON RD, SR-16, VARELLA AVE, LEWIS SPEEDWAY RD, CERVANTES AVE, FOUR MILE RD, NVOLUISIA ST, PEARL ST, VERGREEN AVE, WEST KING ST, SWHITTNER ST, KINLAW RD, SR-207, GRANT ST, SHORE DR, SEA FOX RD, ST AUGUSTINE S DR, US-1, 429, 479, 475, 478, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

2045 Transit Projects

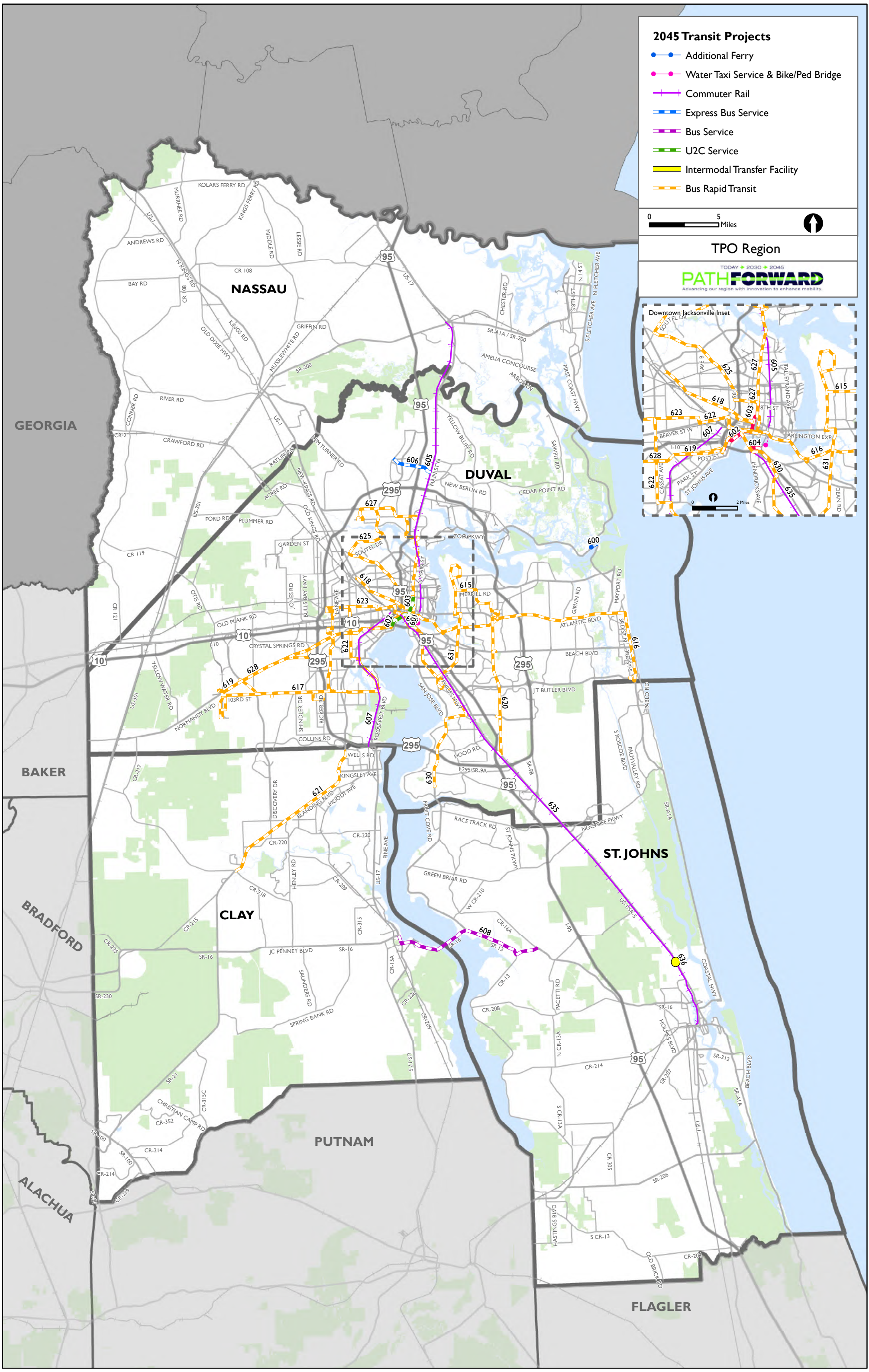
Map ID	County	Facility	From	To	Improvement Type
600	Duval	Mayport Ferry	AIA	AIA	Additional Ferry; increase frequency by 50%
601	Duval	Water Taxi & Bike/Ped Bridge	The District	Shipyards Development	New Water Taxi Service & Bike/Ped Bridge
602	Duval	U2C	Central	Brooklyn/Five Points	U2C Service
603	Duval	U2C	Central	Springfield	U2C Service
604	Duval	U2C	Kings Avenue	San Marco	U2C Service
605	Duval/Nassau	North Commuter Rail	Downtown Jacksonville	Yulee	Commuter Rail
606	Duval	Express Bus	NS Rail on Main	JIA	Express Bus Service
607	Clay/Duval	SW Commuter Rail	Downtown Jacksonville	Wells Road	Commuter Rail
608	Clay/St. Johns	Shands Bus Service	Clay County	St. Johns County	Bus Service
615	Duval	Arlington BRT Line	Downtown Jacksonville	Arlington	Bus Rapid Transit
616	Duval	Atlantic BRT Line	Downtown Jacksonville	Beaches/Ponte Vedra	Bus Rapid Transit
617	Duval	103rd BRT Line	Cecil Field	Blanding Boulevard	Bus Rapid Transit
618	Duval	Edgewood BRT Line	New Kings Road	Downtown Jacksonville	Bus Rapid Transit
619	Duval	Normandy BRT Line	Cecil Field	Downtown Jacksonville	Bus Rapid Transit
620	Duval	Southside BRT Line	Regency Square Mall	Avenues Mall	Bus Rapid Transit
621	Clay	Clay County BRT Line	Orange Park Mall	Middleburg	Bus Rapid Transit
622	Duval	Commonwealth/Cassat BRT Line	Cecil Field	Downtown Jacksonville	Bus Rapid Transit
623	Duval	Commonwealth/Lane BRT Line	Downtown Jacksonville	103rd Street	Bus Rapid Transit
625	Duval	Moncrief BRT Line	Busch Drive	Downtown Jacksonville	Bus Rapid Transit
627	Duval	North Main BRT Line	Florida State College North Campus	Downtown Jacksonville	Bus Rapid Transit
628	Duval	Post/Normandy BRT Line	Normandy Boulevard	Downtown Jacksonville	Bus Rapid Transit
630	Duval	St. Augustine/San Jose BRT Line	Downtown Jacksonville	Mandarin	Bus Rapid Transit
631	Duval	University BRT Line	Jacksonville University	St. Augustine Road	Bus Rapid Transit
635	Duval/St. Johns	SE Commuter Rail	Downtown Jacksonville	St. Augustine	Commuter Rail
636	St. Johns	Intermodal Transfer Facility	St. Augustine Airport		Intermodal Transfer Facility

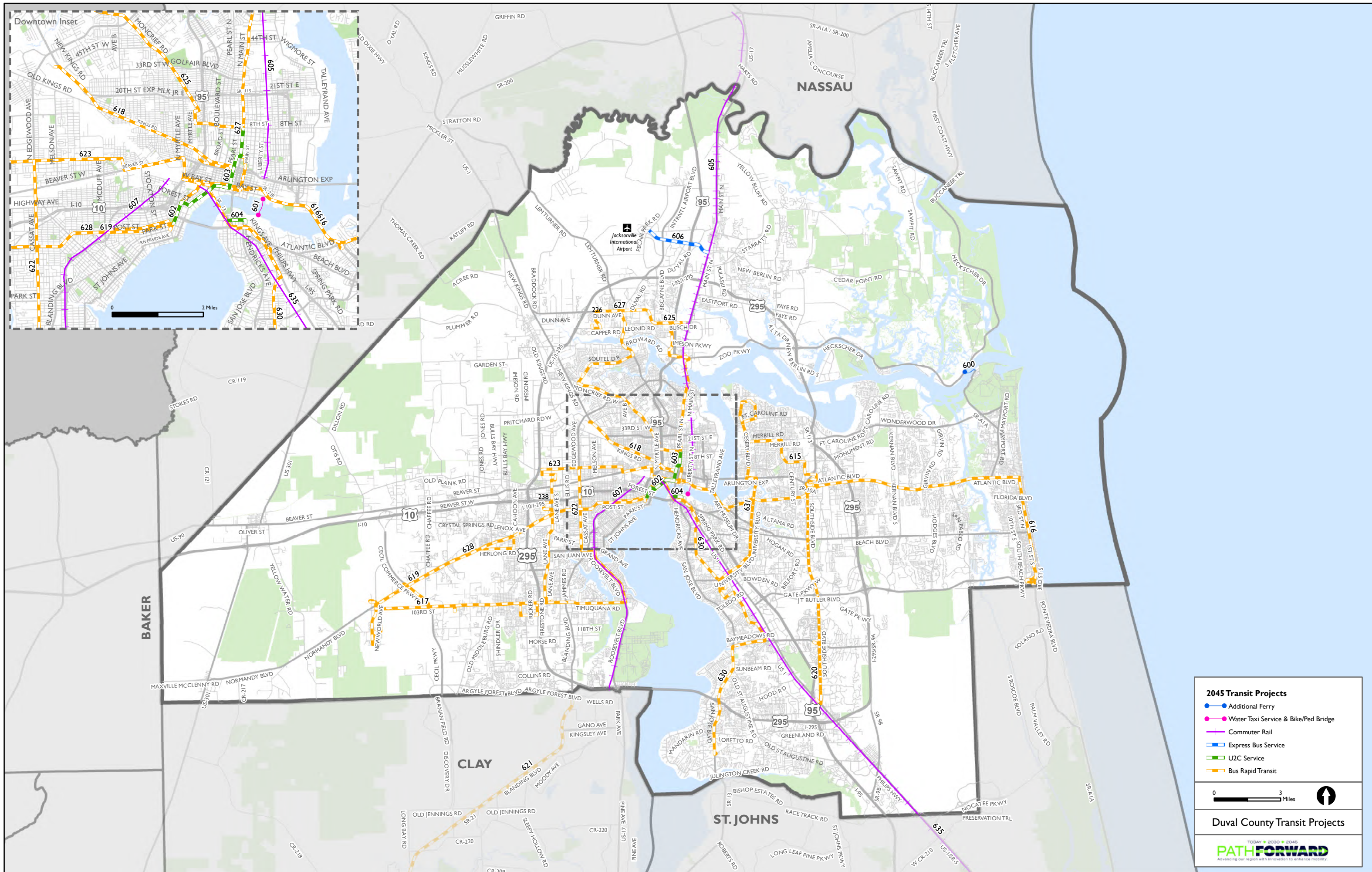
**2045 Transit Projects**

-  Additional Ferry
-  Water Taxi Service & Bike/Ped Bridge
-  Commuter Rail
-  Express Bus Service
-  Bus Service
-  U2C Service
-  Intermodal Transfer Facility
-  Bus Rapid Transit



TPO Region





**2045 Transit Projects**

- Additional Ferry
- Water Taxi Service & Bike/Ped Bridge
- Commuter Rail
- Express Bus Service
- U2C Service
- Bus Rapid Transit

0 3 Miles

**Duval County Transit Projects**

TODAY + 2030 = 2045  
**PATHFORWARD**  
 Advancing our region with innovation to enhance mobility.







SIS Funding

Facility	County	ID	From	To	Improvement	TIP Years 2019- 2025	Years 2026- 2030	Years 2031- 2035	Years 2036- 2045	Phases Funded
First Coast Expressway (SR 23)	Duval/Clay/ St Johns	800	I-95 (SR 9)	I-10 (SR 8)	Construct New Road	\$ 10				PE
First Coast Expressway (SR 23)	Clay	801	SR 15 (US 17)	SR 21 (Blanding Boulevard)	Construct New Road	\$ 88,470				ENV, ROW
First Coast Expressway (SR 23)	Clay	802	North of SR 16	SR 21 (Blanding Boulevard)	Construct New Road	\$ 367,549				CST
First Coast Expressway (SR 23)	Clay/ St Johns	803	East of CR 209	North of SR 16	Construct New Road	\$ 232,645				PE, CST
First Coast Expressway (SR 23)	St. Johns/Clay	804	I-95 (SR 9)	SR 15 (US 17)	Construct New Road	\$ 49,847				ENV, ROW
First Coast Expressway (SR 23)	St Johns	805	I-95 (SR 9)	West of CR 16A	Construct New Road	\$ 398,784				PE, CST
First Coast Expressway (SR 23)	St Johns/ Clay	806	West of CR 16A	East of CR 209	Construct New Road	\$ 370,913				PE, CST
I-10 (SR 8)	Baker/ Nassau/ Duval	807	CR 125 (Baker County)	US 301	Add Lanes and Reconstruct	\$ 511				PD&E, PE
I-10 (SR 8)	Duval	808	I-295 (SR 9A)	I-95 (SR 9)	Add Lanes and Reconstruct	\$ 134,247				PD&E, PE, CST
I-10 (SR 8)	Duval	809	Nassau/Duval County Line	US 301	Add Lanes and Reconstruct	\$ 2,650		\$ 3,588	\$ 128,645	PE, ROW, CST
I-10 (SR 8)	Duval	810	US 301	SR 23 (Cecil Commerce Center Parkway)	Add Lanes and Reconstruct	\$ 520		\$ 10,250	\$ 266,968	PE, ROW, CST
I-10 (SR 8)	Duval	811	US 301	I-295 (SR 9A)	Add Lanes and Reconstruct	\$ 1,625				PD&E
I-10 (SR 8)	Duval	812	SR 23 (Cecil Commerce Center Parkway)	I-295 (SR 9A)	Add Lanes and Reconstruct			\$ 25,200	\$ 433,542	PE, ROW, CST
I-295 (SR 9A)	Duval	813	SR 13 (San Jose Boulevard)	SR 21 (Blanding Boulevard)	Add Lanes and Reconstruct	\$ 12,800	\$ 102,143			PD&E, PE, ROW, CST
I-295 (SR 9A)	Duval	814	at Collins Road		Modify Interchange	\$ 12,085				PD&E, PE, ROW, CST
I-295 (SR 9A)	Duval	815	at US 17	South of Wells Road	Modify Interchange	\$ 21,788				PD&E, PE, ROW, CST
I-295 (SR 9A)	Duval	816	Dames Point Bridge	North of Pulaski	Add Lanes and Reconstruct	\$ 2,157				PD&E, PE, ROW
I-295 (SR 9A)	Duval	817	SR 113 (Southside Connector)	SR 202 (J. Turner Butler Boulevard)	Add Lanes and Reconstruct	\$ 23,316	\$ 370,071			PD&E, PE, ROW, CST
I-295 (SR 9A)	Duval	818	SR 202 (J. Turner Butler Boulevard)	SR 9B	Add Lanes and Reconstruct	\$ 40				CST
I-295 (SR 9A)	Duval	819	SR 9B	South Interchange	Add Lanes and Reconstruct	\$ 10				PD&E
I-295 (SR 9A)	Duval	820	North of Commonwealth Drive	North of New Kings Road	Add Lanes and Reconstruct			\$ 96,417		PE, ROW, CST
I-295 (SR 9A)	Duval	821	I-95 (SR 9)	SR 113 (Southside Connector)	Add Lanes and Reconstruct			\$ 126,781		PE
I-295 (SR 9A)	Duval	822	North of Collins Road Interchange	North of Commonwealth Lane	Add Lanes and Reconstruct			\$ 20,719	\$ 486,269	PD&E, PE, ROW, CST
I-295 (SR 9A)	Duval	823	North of New Kings Road	South of I-95 (SR 9) Interchange	Add Lanes and Reconstruct			\$ 20,323	\$ 382,345	PE, ROW, CST
I-95 (SR 9)	Duval	824	at SR 202 (J. Turner Butler Boulevard)		Modify Interchange	\$ 17				ROW
I-95 (SR 9)	Duval	825	at SR 152 (Baymeadows Road)		Add Turn Lane	\$ 1,239				PE, CST
I-95 (SR 9)	Duval	826	at US 1/MLK/20th Street		Modify Interchange	\$ 32,881				PE, ROW, CST
I-95 (SR 9)	Duval	827	Duval County Line	I-295 (SR 9A)	Add Lanes and Reconstruct	\$ 138,218				PE, ENV, ROW, CST
I-95 (SR 9)	Duval	828	SR 202 (J. Turner Butler Boulevard)	Atlantic Boulevard	Add Lanes and Reconstruct	\$ 346,886				PD&E, PE, ROW, CST
I-95 (SR 9)	Duval	829	South of the Duval/St. Johns County Line	SR 202 (J. Turner Butler Boulevard)	Add Lanes and Reconstruct			\$ 682,431		ROW, CST
I-95 (SR 9)	Duval	830	I-10 (SR 8)	South of US 1/SR 115/MLK	Add Lanes and Reconstruct		\$ 187,238	\$ 214,230		PE, ROW, CST
I-95 (SR 9)	Duval	831	I-295 (SR 9A)	SR 202 (J. Turner Butler Boulevard)	Add Lanes and Reconstruct	\$ 20,004				PD&E, PE, ROW, CST
I-95 (SR 9)	St Johns	832	International Golf Parkway	Duval County Line	Add Lanes and Reconstruct	\$ 457,600				PE, ROW, CST
I-95 (SR 9)	St Johns	833	at SR 16		Modify Interchange			\$ 12,212		PE, CST
SR 200 (US 301)	Nassau	834	at Crawford Road (Crawford Diamond Industrial Park)		Modify Interchange/Flyover	\$ 604				PD&E, PE, ROW
SR 200 (A1A)	Nassau	835	US17	CR 107	Add Lanes and Reconstruct	\$ 16				PE
SR 202 (J. Turner Butler Boulevard)	Duval	836	I-95 (SR 9)	SR 200 (A1A)	Planning Study	\$ 770				PD&E
US 17	Duval	837	Collins Road	NAS Birmingham Gate	Add Lanes and Reconstruct			\$ 42,427		PE, ROW, CST

Totals \$ 2,718,192 \$ 659,452 \$ 1,254,578 \$ 1,697,769

PD&E = Project, Development and Environmental  
 PE= Project Engineering  
 ROW = Right of Way  
 ENV = Environmental Mitigation  
 CST = Construction

**SIS Projects**

-  Add Turn Lane
-  Construct Flyover
-  Modify Interchange
-  Add Lanes and Reconstruct
-  Construct New Road
-  Planning Study



**Cost Feasible Plan**

