2050 PATH FORWARD
Leading the Way for Transportation Innovation

Technical Report 5
Cost Feasible Plan Development

September 2024

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NORTH FLORIDA TPO

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Acronyms

CEI	Construction, Engineering, and Inspection
CFR	Code of Federal Regulations
CIP	Capital Improvement Program
CR	County Road
E+C	Existing plus Committed
FDOT	Florida Department of Transportation
FHWA	Federal Highway Administration
FTE	Florida Turnpike Enterprise
FY	Fiscal Year
JTA	Jacksonville Transportation Administration
LRE	Long Range Estimates
LRTP	Long Range Transportation Plan
MPO	Metropolitan Planning Organization
MPOAC	Metropolitan Planning Organization Advisory Council
NHS	National Highway System
P3	Public-Private Partnership
PD&E	Project Development and Environmental
PDC	Present-Day Costs
ROW	Right-of-Way
SHS	State Highway System
SIS	Strategic Intermodal System
SR	State Road
STRAHNET	Strategic Highway Network
TIP	Transportation Improvement Program
TPO	Transportation Planning Organization
YOE	Year of Estimate

1.0 Introduction

Creating the Cost Feasible Plan for the North Florida TPO involved assessing the broader transportation system requirements against the available financial resources allocated for mobility initiatives. The aim of this plan is to illustrate the practical execution of the approved transportation strategy, aligning it with both public and private funding expected to support its implementation effectively.

This aligns with the stipulations outlined in Federal and State guidelines for the formulation of LRTPs, mandating that transportation plans crafted for urbanized regions adhere to financial limitations. Additionally, the Cost Feasible Plan must accurately reflect the anticipated "Year of Expenditure" for each project.

The Cost Feasible Plan sets out the priorities for necessary mobility projects and highlights the community's commitment to investing in various modes of transportation. How an area opts to allocate its limited financial resources provides a clear indication of its long-term priorities for mobility enhancements, serving as a means to achieve community goals such as enhancing quality of life, fostering economic development, and preserving the environment.

The development of the Cost Feasible Plan involved active participation from the North Florida TPO, its partners, advisory committees, the LRTP Steering Committee, and members of the public. This engagement occurred through a series of public outreach activities, Steering Committee meetings, advisory committee sessions, a project specific website, and a formal public hearing. **The North Florida TPO officially adopted the 2050 Cost Feasible Plan on November 06, 2024.**

2.0 How are projects funded?

Transportation projects in Florida are typically funded through a combination of federal, state, and local sources. Here's an overview of how transportation projects are funded in Florida:

Federal Funding: The federal government plays a significant role in funding transportation projects in Florida through various programs administered by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). These funds are typically allocated to states based on formulas that consider factors such as population, road mileage, and transit ridership. In Florida, federal funding supports highway construction, maintenance, public transit, and other transportation-related initiatives.

State Funding: The FDOT is responsible for planning, designing, constructing, operating, and maintaining the state's transportation infrastructure. FDOT receives funding from various state sources, including fuel taxes, vehicle registration fees, toll revenues, and general fund appropriations. These funds are used to support a wide range of transportation projects, including highway expansion, bridge repairs, public transit improvements, and bicycle/pedestrian infrastructure.

Local Funding: Local governments in the North Florida TPO region also contribute to transportation funding through a variety of mechanisms. These may include local option sales taxes, impact fees, property taxes, and bonds. Local transportation agencies work closely with FDOT to identify priority projects and secure funding to implement them. Local funding is often used to support projects that address specific community needs and priorities, such as road maintenance, intersection improvements, and transit service enhancements.

Public-Private Partnerships (P3): In recent years, Florida has increasingly turned to public-private partnerships as a means of financing transportation projects. These partnerships involve collaboration between government agencies and private sector entities to finance, design, build, operate, and maintain transportation infrastructure. P3s can help accelerate project delivery, reduce costs, and transfer risk to the private sector. Examples of P3 projects in Florida include tolled express lanes, airport expansions, and transit-oriented developments.

Grants and Loans: In addition to federal, state, and local funding, transportation projects in Florida may also receive grants and loans from various sources. These could include competitive grant programs administered by federal or state agencies, as well as financing assistance from organizations such as the Florida Infrastructure Bank or the State Infrastructure Bank. Grants and loans can help supplement other funding sources and make projects financially viable.

Overall, transportation funding in Florida involves a diverse mix of revenue streams, with contributions from the federal government, state government, local governments, private sector partners, and other sources. Coordination among multiple stakeholders is essential to secure

funding, prioritize projects, and deliver critical transportation infrastructure improvements across the state.

In order to receive these funds, transportation projects in the North Florida TPO area must be included in a number of documents. Below if a flow chart depicting the path a project follows from planning to construction.

2.1 Available Financial Resources

The 2050 Plan is mandated by federal law to be financially viable. This section provides a comprehensive overview and analysis of the financial resources available at the federal, state, and local levels. It also evaluates the current utilization of financial resources in the North Florida TPO area, assessing their effectiveness and identifying programmatic funding opportunities.

The subsequent tables offer a summary of funds accessible for the 2050 LRTP from existing sources. The Florida Department of Transportation (FDOT) has formulated revenue projections for state and federal transportation funds earmarked for the North Florida TPO up to the year 2050. These projections are derived from a statewide assessment of revenues supporting the state transportation

program and align with the "Financial Guidelines for MPO Long Range Plans" endorsed by the Metropolitan Planning Organization Advisory Council (MPOAC). The forecast primarily considers recent federal legislation and variations in various factors influencing state revenue streams and existing policies.

2.1.1 Transportation Improvement Program (TIP) FY 2024/25-2028/29

As the metropolitan transportation planning process is inherently ongoing, documenting the current project funding outlined in the North Florida TPO's Transportation Improvement Program (TIP) serves as an initial roster of projects and phases committed until the end of Fiscal Year (FY) 2028/29. Estimating revenue for the 2050 LRTP commences from where the current TIP concludes. Adhering to the directives outlined in the Federal Strategies for Implementing Requirements for LRTP Updates for Florida MPOs (January 2018), commonly known as the Federal Expectations Letter, the financial assumptions for the 2050 LRTP encompass the following:

FDOT-provided revenues for overlapping years with the TIP have been proportionally adjusted to eliminate potential overestimations, ensuring accurate fiscal constraint in formulating the 2050 Cost Feasible MTP.

Revenue estimates encompass a minimum 20-year period and integrate data from the TPO's FY 2024/25–2028/29 TIP, covering the initial five years of this period.

Projects slated for inclusion in the 2050 LRTP will be featured in the Cost Feasible Plan based on their scheduling and funding approval by the TPO Board.

2.1.2 State and Federal Funds

The Florida Department of Transportation (FDOT) has provided revenue estimates for use in the development of the 2050 LRTP Update. These forecasts have produced a 27-year total for state and federal revenue sources of $1.192 billion for highways (non-Strategic Intermodal System (SIS)) and transit projects as shown below in **Table 1**. These sources have historically been used by the TPO during the preparation of the LRTP.

Table 1 - North Florida TPO Revenue Forecast Summary (Millions of $)

Program Funding Source:	Time Periods (Fiscal Years)					
	2023/24-2024/25	2025/26-2029/30	2030/31-2034/35	2035/36-2039/40	2040/41-2049/50	27-Year Total 2024/25-2049/50
FEDERAL						
STBG (SU, in TMA with population > 200K)	$ 34.67	$ 81.12	$ 79.33	$ 79.33	$ 158.66	$ 433.11
TA (TALU, in TMA with population > 200K)	$ 5.73	$ 14.47	$ 14.49	$ 14.49	$ 28.98	$ 78.17
CRP (CAEU, in TMA with population > 200K)	$ 5.09	$ 12.04	$ 12.03	$ 12.03	$ 24.07	$ 65.26
STATE						
SHS (non-SIS on TMA)	$ 18.61	$ 52.45	$ 50.06	$ 52.04	$ 105.94	$ 279.10
FEDERAL/STATE						
Other Roads (Non-SIS/SHS)	$ 6.84	$ 17.29	$ 30.59	$ 31.82	$ 64.79	$ 151.34
Transit Formula	$ 11.48	$ 31.54	$ 34.10	$ 35.65	$ 72.72	$ 185.49
TOTALS	**$ 82.42**	**$ 208.91**	**$ 220.60**	**$ 225.36**	**$ 455.16**	**$ 1,192.45**

2.1.3 Local Funding

Local gas taxes in Northeast Florida, like in many regions, play a crucial role in funding transportation infrastructure and related projects. Revenue generated from these taxes is then allocated towards maintaining, improving, and expanding transportation networks, including roads, bridges, public transit systems, and other transportation-related initiatives. The table below presents the local fuel taxes in the North Florida TPO region.

Table 2 - Local Fuel Tax

County	Ninth Cent	Local Option	Additional Local Option
Clay	1 ¢ per gallon	6 ¢ per gallon	5 ¢ per gallon
Duval	1 ¢ per gallon	6 ¢ per gallon	5 ¢ per gallon
Nassau	1 ¢ per gallon	6 ¢ per gallon	5 ¢ per gallon
St. Johns	0 ¢ per gallon	6 ¢ per gallon	0 ¢ per gallon

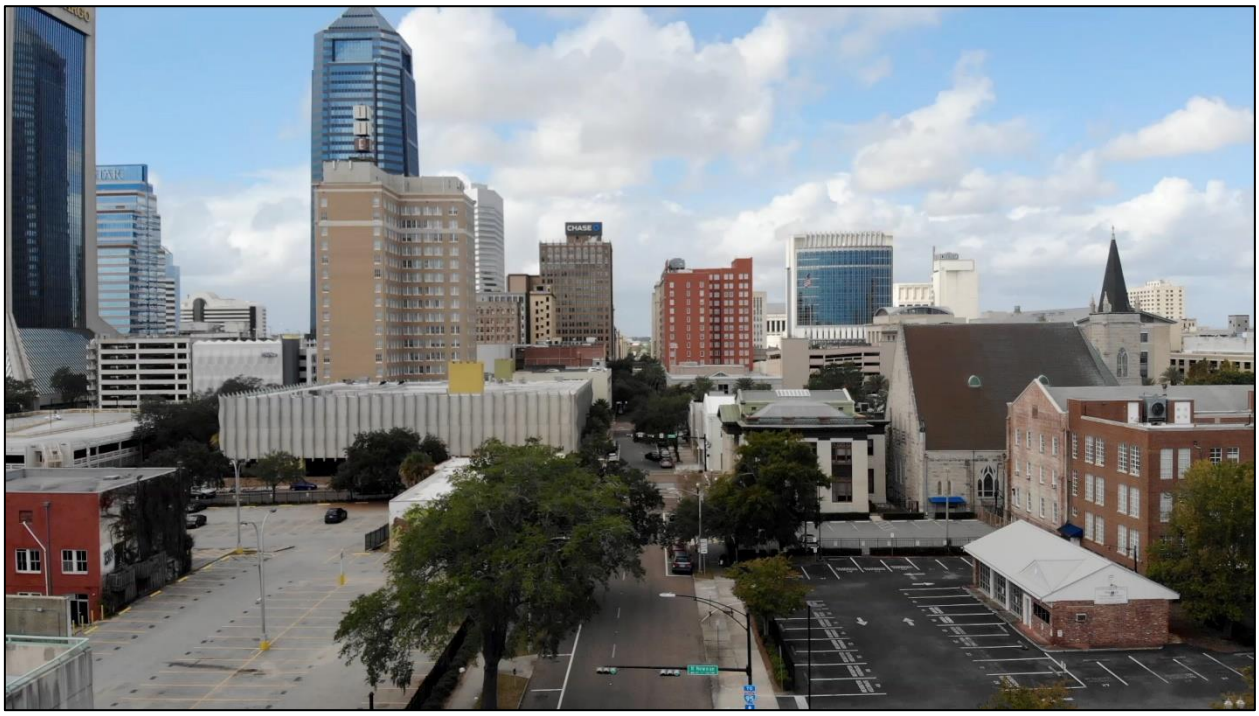
While each county within the study area collects local motor fuel taxes, these revenues are primarily used for maintenance activities.

3.0 Cost Estimation Methodology

To develop project cost estimates for all capacity projects in the adopted Needs Plan, assistance was provided by the TPO staff, FDOT staff, and local government staff. Various sources of information were utilized, including:

- FDOT general transportation costs
- Specific project costs from completed PD&E studies
- Specific project costs from local government design plans

Project costs were primarily based on estimates using the FDOT general costs per mile, a publication from the FDOT Central Office that is regularly updated based on actual costs incurred by the Districts. When specific data was unavailable from a PD&E study, assumptions were made about the costs per mile for new construction or widening of an existing facility, considering whether the project was in an urban or rural area.



Costs for capacity enhancements, shared-use paths, sidewalks, and mid-block crossings were determined based on average unit costs per centerline mile according to facility type and improvement category. These calculations used Long Range Estimates (LRE) from FDOT and historical costs from FDOT's Five-Year Work Program. Similarly, safety enhancement costs were based on approximate estimates for common improvements like median alterations, crosswalk installations, and advanced intersection warning signs.

Project cost estimates were developed for each project phase, which typically include:

1. Project Development and Environmental (PD&E) Study: Evaluates corridor alternatives, solicits public input, and receives concept approvals.

2. Final Design (Preliminary Engineering): Development of detailed design drawings for the selected corridor concept.

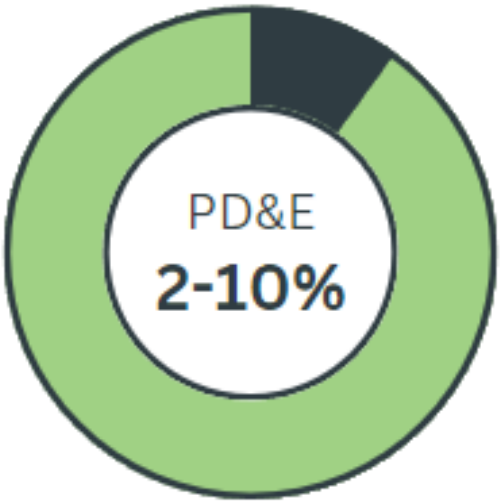
3. Right-of-Way (ROW): Involves purchasing land and easements needed for construction and wetland or drainage mitigation.

4. Construction: Actual construction of the mobility project.

5. Construction Engineering and Inspection (CEI): Inspection of the construction project to ensure compliance with final design specifications.

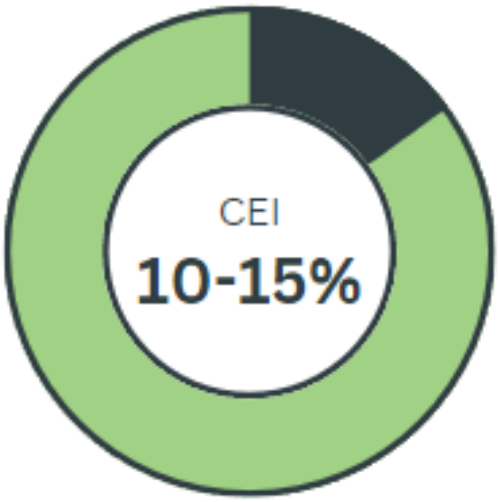
The total project cost is the sum of costs for all these phases. Estimates for each phase were assumed within a range of the percentage of construction costs, as follows:

PD&E: 2% to 10% of Contruction Cost (funded by State and Federal dollars)

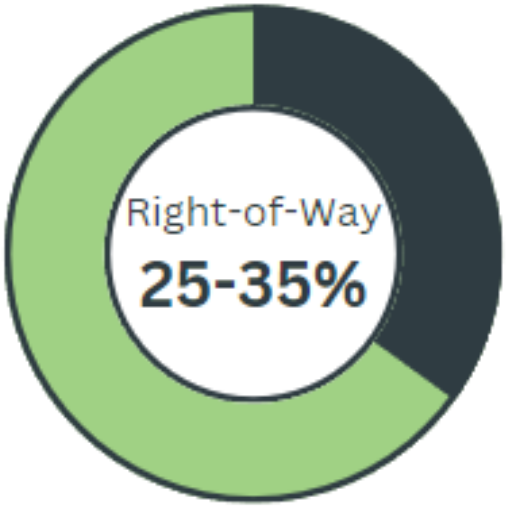


Final Design: 10% to 20% of Construction Cost

CEI: 10% to 15% of Construction Cost



Right-of-Way: 25% to 35% of Construction Cost



Each project was reviewed to determine its complexities and issues to estimate the appropriate percentage for each phase. Construction costs, when possible, were obtained from authoritative studies like the Florida Strategic Intermodal System (SIS), local Capital Improvement Programs (CIP), or the FDOT Work Program. The project costs presented in this technical report were estimated by applying the mentioned assumptions to PD&E, final design, ROW, or construction costs obtained from these sources.

Table 3 - Estimated Project Improvement Phase/Unit Costs per Mile

Project Type	Estimated Cost Per Mile
Rural	
New Construction Undivided 2 Lane Rural Road with 5' Paved Shoulders	$6,478,000.00
New Construction Undivided 3 Lane Rural Road with 5' Paved Shoulders, Center Turn Lane	$7,900,000.00
New Construction Undivided 4 Lane Rural Road with 5' Paved Shoulders	$9,480,000.00
New Construction Divided 4 Lane Rural Road with 2' Paved Shoulders Inside and 5' Paved Shoulders Outside	$12,640,000.00
New Construction Divided 4 Lane Rural Interstate with Paved Shoulders 10' Outside and 4' Inside	$15,958,000.00
New Construction Undivided 5 Lane Rural Road with 5' Paved Shoulders, Center Turn Lane	$11,060,000.00
New Construction Divided 6 Lane Rural Road with 5' Paved Shoulders Inside and Out	$15,800,000.00
New Construction Divided 6 Lane Rural Interstate with 10' Paved Shoulders Inside and Out	$18,960,000.00
New Construction Extra Cost for 1 Single Additional Lane on Rural Arterial	$1,580,000.00
New Construction Extra Cost for 1 Single Additional Lane on a Rural Interstate	$1,738,000.00
Widen Existing 2 Lane Arterial to 4 Lanes Undivided; Add 1 Lane to Each Side; 5' Paved Shoulders	$7,110,000.00

Project Type	Estimated Cost Per Mile
Widen Existing 2 Lane Arterial to 4 Lane Divided; Resurface Existing 2 Lanes; 5' Paved Shoulders Inside and Out	$8,058,000.00
Widen Existing 4 Lane Divided Arterial to 6 Lane Divided; Resurface Existing 4 Lanes; 5' Paved Shoulders Inside and Out	$7,900,000.00
Widen 4 Lane Interstate to 6 Lanes (In Median); Mill and Resurface Existing; 10' Paved Shoulders Inside and Out	$11,376,000.00
Widen 4 Lane Interstate to 6 Lanes (Outside); Mill and Resurface Existing; 10' Shoulders Outside; Widen Existing 4' Inside Shoulders to 10'	$11,060,000.00
Widen Existing 6 Lane Divided Arterial to 8 Lane Divided; Resurface Existing 6 Lanes; 5' Paved Shoulders Inside and Out	$8,374,000.00
Widen 6 Lane Interstate to 8 Lanes (in Median); Mill and Resurface Existing; 10' Paved Shoulders Inside and Out	$12,640,000.00
Widen Divided Rural 4-Lane to Allow for Left Turn Lane, 300'	$474,000.00
Widen Divided Rural 4-Lane for Right Turn Lane, 300'	$474,000.00
Urban	
New Construction 2 Lane Undivided Urban Arterial with appropriate bike and pedestrian facilities	$12,640,000.00
New Construction 3 Lane Undivided Urban Arterial with Center Lane and appropriate bike and pedestrian facilities	$13,430,000.00
New Construction Undivided Urban Arterial with appropriate bike and pedestrian facilities	$15,800,000.00
New Construction 4 Lane Urban Road with 22' Median and appropriate bike and pedestrian facilities	$22,120,000.00
New Construction 4 Lane Divided Urban Interstate, Closed 22' Median with Barrier Wall, 10' Shoulders Inside and Out	$33,180,000.00
New Construction 5 Lane Undivided Urban Arterial with Center Turn Lane and appropriate bike and pedestrian facilities	$17,380,000.00
New Construction 6 Lane Urban Road with 22' Median and appropriate bike and pedestrian facilities	$23,700,000.00
New Construction 6 Lane Divided Urban Interstate with 22' Closed Median with Barrier Wall, 10' Shoulders Inside and Out	$35,076,000.00
New Construction Extra Cost for Additional Lane on Urban Arterial	$4,898,000.00

Project Type	Estimated Cost Per Mile
New Construction Extra Cost for Additional Lane on Urban Interstate	$1,738,000.00
Add 2 Lanes to Existing 2 Lane Undivided Arterial (1 Lane Each Side), with appropriate bike and pedestrian facilities	$14,220,000.00
Widen 2 Lane Urban Arterial to 4 Lane Divided with 22' Median, appropriate bike and pedestrian facilities	$15,800,000.00
Add 2 Lanes to Existing 3 Lane Undivided Arterial (1 Lane Each Side with Center Turn Lane and appropriate bike and pedestrian facilities	$14,220,000.00
Widen 4 Lane Urban Divided Arterial to 6 Lane Urban Divided with 22' Median and appropriate bike and pedestrian facilities	$14,220,000.00
Widen 4 Lane Urban Interstate with Closed Median to 6 Lanes (Outside), Mill and Resurface Existing, 10' Shoulders Outside	$26,000,000.00
Widen 6 Lane Urban Divided Arterial to 8 Lane Urban Divided with appropriate bike and pedestrian facilities	$16,590,000.00
Widen 4 Lane Interstate to 6 Lanes (Outside); Mill and Resurface Existing; 10' Shoulders Outside; Widen Existing 4' Inside Shoulders to 10'	$11,060,000.00
Widen Existing 6 Lane Divided Arterial to 8 Lane Divided; Resurface Existing 6 Lanes; 5' Paved Shoulders Inside and Out	$8,374,000.00
Widen 6 Lane Interstate to 8 Lanes (in Median); Mill and Resurface Existing; 10' Paved Shoulders Inside and Out	$12,640,000.00
Widen Divided Rural 4-Lane to Allow for Left Turn Lane, 300'	$474,000.00
Widen Divided Rural 4-Lane for Right Turn Lane, 300'	$474,000.00
New Construction 2 Lane Undivided Urban Arterial with appropriate bike and pedestrian facilities	$12,640,000.00
New Construction 3 Lane Undivided Urban Arterial with Center Lane and appropriate bike and pedestrian facilities	$13,430,000.00
New Construction Undivided Urban Arterial with appropriate bike and pedestrian facilities	$15,800,000.00
New Construction 4 Lane Urban Road with 22' Median and appropriate bike and pedestrian facilities	$22,120,000.00

Project Type	Estimated Cost Per Mile
New Construction 4 Lane Divided Urban Interstate, Closed 22' Median with Barrier Wall, 10' Shoulders Inside and Out	$33,180,000.00
New Construction 5 Lane Undivided Urban Arterial with Center Turn Lane and appropriate bike and pedestrian facilities	$17,380,000.00
New Construction 6 Lane Urban Road with 22' Median and appropriate bike and pedestrian facilities	$23,700,000.00
New Construction 6 Lane Divided Urban Interstate with 22' Closed Median with Barrier Wall, 10' Shoulders Inside and Out	$35,076,000.00
New Construction Extra Cost for Additional Lane on Urban Arterial	$4,898,000.00
New Construction Extra Cost for Additional Lane on Urban Interstate	$1,738,000.00
Add 2 Lanes to Existing 2 Lane Undivided Arterial (1 Lane Each Side), with appropriate bike and pedestrian facilities	$14,220,000.00
Widen 2 Lane Urban Arterial to 4 Lane Divided with 22' Median, appropriate bike and pedestrian facilities	$15,800,000.00
Add 2 Lanes to Existing 3 Lane Undivided Arterial (1 Lane Each Side with Center Turn Lane and appropriate bike and pedestrian facilities	$14,220,000.00
Widen 4 Lane Urban Divided Arterial to 6 Lane Urban Divided with 22' Median and appropriate bike and pedestrian facilities	$14,220,000.00
Widen 4 Lane Urban Interstate with Closed Median to 6 Lanes (Outside), Mill and Resurface Existing, 10' Shoulders Outside	$26,000,000.00
Widen 6 Lane Urban Divided Arterial to 8 Lane Urban Divided with appropriate bike and pedestrian facilities	$16,590,000.00
Widen 6 Lane Urban Interstate with Closed Median to 8 Lanes (Outside); Mill and Resurface Existing; 10' Shoulders Outside	$25,280,000.00
Suburban	
New Construction Suburban 4 Lane with Paved Shoulders Outside and Curb Median	$12,640,000.00
Widen Existing Rural Facility to the Inside with Addition of Closed Drainage System and Median Barrier Wall	$9,480,000.00
Widen 4 Lane Suburban Roadway with 6.5' Paved Shoulder and Convert to Curb and Gutter Out; Stripe for Bike Lane	$7,900,000.00

Project Type	Estimated Cost Per Mile
Add 2 Lanes with Curb and Gutter Out to Existing 4 Lane Urban or Suburban Roadway with Curb and Gutter Out	$8,058,000.00
Other	
Two Directional, 12' Shared Use Path	$948,000.00
Rails to Trails project (12' width)	$869,000.00
Sidewalk construction; 5' one side, 4-inch depth	$475,580.00
Mid-Block Crossing	$395,000.00

3.1 Year of Expenditure

For an accurate depiction of future project costs and revenue availability, financial resources within the 2050 LRTP must be presented in future-year-of-expenditure (YOE) dollars, as mandated by 23 C.F.R. 450.324(f)(11)(iv). The revenue estimates supplied by the Florida Department of Transportation (FDOT) to the North Florida TPO are already formatted in future YOE, utilizing inflation rate factors to convert present-day costs (PDC) into future years. These inflation rates, sourced from FDOT's Revenue Forecasting Guidebook, are summarized in **Table 4** and further elaborated upon in Technical Report #4, Appendix A. They are utilized for converting other projected revenue forecasts originally based on a 2023 PDC.

Table 4 - Year of Expenditure Inflation Factors

Present Day Project Cost	Time Period for Planned Project Phase Implementation			
	2029-2030	2031-2035	2036-2040	2041-2050
2024	1.10	1.29	1.56	1.94

Source: FDOT Revenue Forecasting Guidebook Appendix E

4.0 Cost Feasible Transportation Projects

Due to limited financial resources, not all transportation needs can be addressed. The compilation of necessary projects underwent scrutiny against available revenue allocated for transportation system enhancements. The Cost Feasible Plan incorporates all roads slated for construction as outlined in the North Florida TPO's Transportation Improvement Program (TIP). Furthermore, projects funded through tolls and Florida's Turnpike Enterprise, along with enhancements to FDOT's Strategic Intermodal System, are referenced within.

Certain projects are scheduled for implementation before 2029 and are categorized under the existing plus committed (E+C) transportation system. This designation signifies that funding for these projects has been secured in the TIP and is not subject to alteration as part of the 2050 LRTP. Federal, state, county, and local projects were also identified for inclusion in the Cost Feasible Plan and prioritized in alignment with FHWA's performance-based planning guidance.

4.1 State and Federal Roadways

National / State Highway System

The National and State Highway System in Florida is a critical component of the state's transportation infrastructure, playing a vital role in facilitating the movement of people and goods across the region.

National Highway System (NHS)

The National Highway System (NHS) is a network of strategic highways within the United States, including the Interstate Highway System and other roads important to the nation's economy, defense, and mobility. In Florida, the NHS includes:

1. **Interstate Highways:** Major routes like I-295, I-10, and I-95, which connect key cities and regions within Florida and link the state to other parts of the country.
2. **Strategic Highway Network (STRAHNET):** These routes are essential for the United States' strategic defense policy and provide access to major military installations, such as the ones located in Jacksonville.
3. **Intermodal Connectors:** Roads that provide access between major intermodal facilities (like ports, airports, and rail facilities) and the other components of the NHS.

Florida State Highway System (SHS)

The Florida State Highway System (SHS) comprises roads that are managed and maintained by the Florida Department of Transportation (FDOT). This includes:

1. **State Roads:** Numbered routes that cover urban, suburban, and rural areas, ensuring connectivity within the state. Examples include SR 202 (J. Turner Butler Boulevard) and SR 115, (Arlington Expressway).
2. **Florida's Turnpike System:** A network of toll roads that enhance connectivity across the state, such as First Coast Expressway currently under construction.
3. **Scenic Highways:** Designated routes that highlight Florida's scenic, historic, and cultural resources, such as the A1A Scenic and Historic Coastal Byway.

Interstate Highway and Strategic Intermodal System (SIS)

The SIS is a high priority network of transportation facilities that plays a vital role in supporting Florida's economy. The SIS was established to focus resources on transportation facilities of statewide and interregional significance.

The FDOT Systems Implementation Office produces a document set known as the SIS Funding Strategy, which includes three inter-related sequential documents that identify potential Strategic Intermodal System (SIS) capacity improvement projects in various stages of development. The combined document set illustrates projects that are funded (Year 1), programmed for proposed funding (Years 2 through 5), planned to be funded (Years 6 through 10), and considered financially feasible based on projected State revenues (Years 11 through 25).

The 2050 SIS Cost Feasible Plan represents a phased plan for capacity improvements to the SIS, utilizing forecasted revenues, guided by objectives set forth in the Florida Transportation Plan. The main purpose of the SIS CFP is to efficiently plan for and fund future capital improvements. The plan illustrates projects on the SIS that are considered financially feasible during years 11 through 25 of the SIS Funding Strategy, based on current revenue forecasts. Projects in this plan could potentially move forward into the SIS 2nd Five-Year Plan as funds become available of back out into the SIS 2050 Multimodal Unfunded Needs Plan given changes in priorities or shortfalls in projected revenue.

SIS cost feasible projects must be included in the North Florida TPO's 2050 Plan to receive funding. The SIS projects planned to be implemented through the year 2050 are identified in **Table 5.**

Table 5 - Planned SIS Projects Through Year 2050

Strategic Intermodal System (SIS) Projects										
Facility	**County**	**From**	**To**	**Phase Funded**	**Improvement**	**TIP Years 2024-2029**	**Years 2029-2030**	**Years 2031-2035**	**Years 2036-2040**	**Years 2041-2050**
I-295 (SR 9A)	Duval	at Normandy Boulevard (SR 228)		CST	Modify Interchange	$73,000				
I-295 (SR 9A)	Duval	Buckman Bridge		CST	Bridge widening and rehabilitation	$73,000				
I-295 (SR 9A)	Duval	North of New Kings Road	South of I-95 North Interchange	PD&E, Design and ROW	Widen from 6 to 8 lanes	$46,000	$14,447,000	$6,349,000	$116,545,000	
I-295 (SR 9A)	Duval	North of Commonwealth Road	North of New Kings Road	PD&E, Design, ROW and CST	Widen from 6 to 8 lanes	$11,069,000	$5,308,000	$78,514,000		
I-295 (SR 9A)	Duval	South of Heckscher Drive (SR 105)	North of Pulaski Road	Design	Widen from 4 to 6 lanes	$1,000,000				
I-295 (SR 9A)	Duval	Southside Connector (SR 113)	J. Turner Butler Boulevard (SR 202)	PD&E, Design, ROW and CST	Widen from 4 to 6 lanes	$5,289,424	$484,801,000			
I-295 (SR 9A)	Duval	South of US 17	Blanding Boulevard (SR 21)	PD&E, Design, ROW and CST	Widen from 6 to 8 lanes	$97,000	$7,661,000	$167,967,000	$206,528,000	
I-295 (SR 9A)	Duval	Beach Boulevard (SR 212)	J. Turner Butler Boulevard (SR 202)	PD&E, Design, CST	Widen from 4 to 6 lanes	$349,000				
I-295 (SR 9A)	Duval	South of Heckscher Drive (SR 105)	North of Pulaski Road	PD&E, Design and ROW	Widen from 4 to 6 lanes	$7,325,417				$2,416,000
I-95 (SR 9)	Duval	at US 1 (SR 115)/MLK/20th Street		Design and ROW	Modify Interchange	$1,629,000				
I-95 (SR 9)	Duval	I-295 (SR 9A)	Baymeadows Road (SR 152)	ROW and CST	Widen from 8 to 10 lanes	$252,988,263				
I-95 (SR 9)	St Johns	North of First Coast Expressway (SR 23)	Duval County Line	CST	Widen from 6 to 8 lanes	$324,633,078				
I-95 (SR 9)	St Johns	South of International Golf Parkway	South of First Coast Expressway (SR 23) Interchange	CST	Widen from 6 to 10 lanes	$141,653,091				

Facility	County	From	To	Phase Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050
I-95 (SR 9)	Duval	South of Emerson Street (SR 126)	Atlantic Boulevard	Design and CST	Widen from 6 to 8 lanes	$355,577,009				
I-95 (SR 9)	Duval	South of J. Turner Butler Boulevard (SR 202)	South of Emerson Street (SR 126)	Design and CST	Widen from 6 to 8 lanes	$132,000	$61,934,000			
I-95 (SR 9)	Duval	Baymeadows Road	J. Turner Butler Boulevard (SR 202)	Design and CST	Widen from 6 to 8 lanes	$13,000	$41,292,000			
I-95 (SR 9)	Duval	I-295 (SR 9A)	J. Turner Butler Boulevard (SR 202)	Design	Widen from 4 to 6 lanes	$132,000				
I-95 (SR 9)	Duval	St Johns County Line	I-295 (SR 9A)	CST	Widen from 6 to 8 lanes	$294,197,024				
I-95 (SR 9)	Duval	Beaver Street (US 90)	Martin Luther King (US 1) SR 115	Design, ROW and CST	Widen from 6 to 8 lanes	$ 825,397				$163,154,000
I-10 (SR 8)	Duval	SR 23	I-295 (SR 9A)	PD&E	Add lanes and reconstruct	$1,015,000				
I-10 (SR 8)	Duval	US 301	SR 23	PD&E	Add lanes and reconstruct	$1,015,000				
I-10 (SR 8)	Duval	at US 301 (SR 200)		CST	New Interchange Ramp	$15,856,741				
Hecksher Drive (SR 105)	Duval	I-295 (SR 9A)		Design, CST	Add right turn lane(s)	$60,000				
US 301 (SR 200)	Duval	I-10 (SR 8)		CST	Modify Interchange	$15,856,741				
J. Turner Butler Boulevard (SR 202)	Duval	Belfort Road Interchange		Utilities	Modify Interchange	$150,112				
J. Turner Butler Boulevard (SR 202)	Duval	East of I-95	North of Mustang Road	CST	Widen from 6 lanes to 8 lanes	$30,170,929				
First Coast Expressway (SR 23)	St Johns /Clay	I-95 (SR 9)	US 17 (SR 15)	ROW	Construct new toll facility	$27,836,545				

Facility	County	From	To	Phase Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050
First Coast Expressway (SR 23)	St. Johns	East of CR 16A	East of CR 209	CST	Construct new toll facility	$5,393,290				
First Coast Expressway (SR 23)	St. Johns	East of CR 2209	East of CR 16A Spur	CST	Construct new toll facility	$429,506,512				
First Coast Expressway (SR 23)	St Johns	I-95 (SR 9)	East of CR 2209	CST	Construct new toll facility	$446,636,458				
I-10 (SR 8)	Duval	at I-295 (SR 9A)		Design, CST	Modify Interchange				$8,200,000	$102,352,000
I-10 (SR 8)	Duval	at First Coast Expressway (SR 23)		Design, CST	Widen from 6 to 8 lanes					$101,523,000
I-295 (SR 9A)	Duval	North of Collins Road	North of Commonwealth Road	PD&E, Design	Widen from 6 to 8 lanes					$58,499,000
I-295 (SR 9A) Buckman Bridge	Duval	South of US 17	Blanding Boulevard (SR 21)	PD&E	Widen from 8 to 12 lanes					$1,500,000
I-95 (SR 9)	Duval	North of Martin Luther King (SR 115)	South of SR 105	PD&E, Design, ROW and CST	Construction of Managed Lanes				$73,804,000	$438,041,000
US 301 (SR 200)	Nassau	at Crawford Road		PD&E and ROW	Modify Interchange				$365,000	$ 699,000

4.2 Toll Funded Projects

The toll roads in our region allow for residents and visitors to get to their destination quickly. These corridors create a vital network that need to be evaluated constantly in order to serve the region's growing population. FDOT District 2 and the Florida Turnpike Enterprise has continued to develop and construct the First Coast Expressway (FCE, SR 23). This project is a multi-lane, limited access toll road that, once completed, will cross parts of Duval, Clay and St. Johns counties. Expressway traffic will pass through electronic toll gantries without stopping. The gantries will contain an electronic system that will either detect the vehicle's SunPass transponder device or scan the vehicle's license plate for a toll-by-plate invoice in the mail. The total length of the proposed roadway is approximately 46 miles.

There are currently four (4) segments of the First Coast Expressway (SR 23) that are included in the 2050 Cost Feasible Plan. These are included in Table 5 above and are noted here:

1. From I-95 (SR 9) to US 17 (SR 15) – Purchase of Right-of-Way
2. From I-95 (SR 9) to east of CR 2209 – Construction
3. From East of CR 2209 to east of CR 16A Spur – Construction
4. East of CR 16A Spur to east of CR 209 – Construction

4.3 Complete Streets / Context Sensitive Solutions

The Multimodal System Roadway and Complete Streets projects (**Table 6**) situated off the state road system, yet functionally classified. These projects encompass non-capacity multimodal initiatives tailored to context sensitivity, integrating a blend of bicycle and pedestrian pathways, transit enhancements, and intersection improvements. Their aim is to enhance safety and efficiency along restricted roadways without the need for lane expansion. **Table 6** on the following page presents the Complete Street and Context Sensitive Solutions projects and programs included in the 2050 Cost Feasible Plan.

Table 6 – Complete Street and Context Sensitive Solutions Projects and Programs

Facility	County	From	To	**Phases Funded**	Improvement	TIP Years 2024-2029	**2029-2030**	**2031-2035**	**2036-2040**	**2041-2050**
Kings Road Corridor (LOGT)	Duval	I-95	MLK Pkwy	Planning, Design, Build	The project consists of light beacons at the S-Line Crossing and two mini-roundabouts at Fairfax Street and Tyler Street. Transit stop improvements.	$3,542,000				
Dunn Avenue Corridor (LOGT)	Duval	I-295	I-95	Planning, Design, Build	A lane elimination (road diet) to bike lanes, ADA improvements, transit stops improved amenities, new concrete pads, shelters, benches, trash receptacles, and immediate sidewalk connectivity.	$1,958,000				

Facility	County	From	To	Phases Funded	Improvement	TIP Years 2024-2029	2029-2030	2031-2035	2036-2040	2041-2050
University Boulevard (LOGT)	Duval	Arlington Road	Arlington Expressway	Planning, Design, Build	Milling and resurfacing with potential improvements to include reduced travel lane widths, construction of 6' buffered bike lanes, mid-block crossings, and transit stop improvements.	$7,062,000				
8th Street Corridor (LOGT)	Duval	I-95 Ramps	Main Street	Planning, Design, Build	Pedestrian safety and aesthetic enhancements along 8th Street, including realignment of existing crosswalks, new crosswalks, installation of rectangular rapid flashing beacons and additional signage and marking for bike lanes. Transit stop improvements.	$1,963,500				

Facility	County	From	To	Phases Funded	Improvement	TIP Years 2024-2029	2029-2030	2031-2035	2036-2040	2041-2050
Main Street Traffic Calming (LOGT)	Duval	1st Street	12th Street	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$1,200,000				
University Blvd/Merrill Road Corridor (LOGT)	Duval	University Boulevard	Townsend Boulevard	Planning, Design, Build	The project consists of pedestrian safety and aesthetic enhancements, including new crosswalks, connecting sidewalk gaps and bike lanes. Transit stop improvements.	$1,045,000				
Lenox Avenue Corridor (LOGT)	Duval	Normandy Blvd	Cassat Ave	Planning, Design, Build	Reduce travel lanes from four lanes to two lanes and include median and bike lane installation. ADA, sidewalk, and crosswalk improvements. Transit stop improvements	$2,315,500				

Facility	County	From	To	Phases Funded	Improvement	TIP Years 2024-2029	2029-2030	2031-2035	2036-2040	2041-2050
Lem Turner Road Corridor (LOGT)	Duval	I-295	I-95	Planning, Design, Build	Restriping, lane elimination, ADA improvements, sidewalk and crosswalk improvements, and a roundabout. Transit stop improvements.	$4,185,500				
Philips Highway Corridor (LOGT)	Duval	University Blvd	Baymeadows Rd	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$4,301,000				
Park Street Corridor (LOGT)	Duval	US-17	I-95	Planning, Design, Build	Reduce travel lanes and lane widths. Replace concrete barrier with landscaping. Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$3,212,000				

Facility	County	From	To	Phases Funded	Improvement	TIP Years 2024-2029	2029-2030	2031-2035	2036-2040	2041-2050
Edgewood Avenue Corridor (LOGT)	Duval	Cassat Avenue	Main Street	Planning, Design, Build	Reduce travel lanes and include median, transit and bicycle infrastructure, ADA, sidewalk, and crosswalk improvements.	$12,116,500				
Cassat Avenue Corridor	Duval	Edgewood Avenue	Blanding Boulevard	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$10,438,940				
Moncrief Road Corridor	Duval	Edgewood Avenue	Myrtle Avenue	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$29,847,730				
Arlington Expressway Corridor	Duval	Matthews Bridge	Mill Creek Rd.	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$7,147,050				

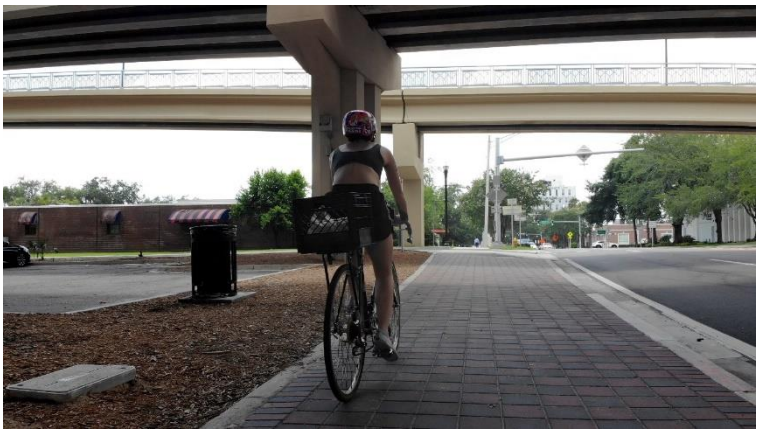
Facility	County	From	To	Phases Funded	Improvement	TIP Years 2024-2029	2029-2030	2031-2035	2036-2040	2041-2050
Myrtle Avenue Corridor	Duval	8th Street	Moncrief Road	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$10,657,025				
Beach Boulevard Corridor - St. Nicholas	Duval	Linden Ave	San Mateo/Overpass	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$3,743,715				
Philips Highway Corridor (Atlantic to University)	Duval	University Blvd	Atlantic Blvd	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$10,384,535				
Moncrief Road Corridor (Myrtle to I-95)	Duval	Myrtle Ave	I-95	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$7,697,610				

Facility	County	From	To	Phases Funded	Improvement	TIP Years 2024-2029	2029-2030	2031-2035	2036-2040	2041-2050
University Blvd Corridor	Duval	St. Augustine Rd	Arlington Expressway	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$17,470,670				
Blanding Boulevard Corridor	Duval	103rd St	Park St	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$10,284,405				
Normandy Boulevard Corridor	Duval	I-295	Cassat Ave	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$7,932,435				
Beach Boulevard Corridor	Duval	Linden Ave	Southside Blvd	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$14,895,035				

Facility	County	From	To	**Phases Funded**	Improvement	TIP Years 2024-2029	**2029-2030**	**2031-2035**	**2036-2040**	**2041-2050**
Moncrief Road Corridor (Soutel to Edgewood)	Duval	Soutel Dr	Edgewood Ave	Planning, Design, Build	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$7,063,970				

Facility	County	From	To	**Phases Funded**	Improvement	TIP Years 2024-2029	**2029-2030**	**2031-2035**	**2036-2040**	**2041-2050**
CR 315	Clay	US 17	Maryland Avenue	ROW & CST	Context sensitive improvements: Safety, Bicycle, Pedestrian and intersection upgrades		$2,530,000			
Moncrief Road	Duval	13th Street	US 1 (Kings Road)	ROW & CST	Context sensitive improvements: Safety, Bicycle, Pedestrian and intersection upgrades		$2,530,000			
Beaver Street (SR 10)	Duval	I-95	Liberty Street	ROW & CST	Context sensitive improvements: Safety, Bicycle, Pedestrian and intersection upgrades		$2,200,000			
SR A1A (Atlantic Boulevard/Third Street)	Duval	Mayport Road (SR A1A)	St. Johns County Line	ROW & CST	Context sensitive improvements: Safety, Bicycle, Pedestrian and intersection upgrades				$4,680,000	
Context Sensitive Solutions	Regional	Boxed Funds	$1.2 M per year		Projects from the Regional Safety Plan		$1,200,000	$6,000,000	$8,000,000	$20,000,000

4.4 Pedestrian and Bicycle



The Pedestrian and Bicycle cost-feasible projects and programs encompassing local and regional trail initiatives catering to cyclists and pedestrians for recreational and commuting purposes, on-street bicycle lanes, crucial sidewalk enhancements (especially for safety measures around public schools and transit routes), and various other projects aimed at enhancing overall bicycle and pedestrian mobility. The Complete Street and Context Sensative Solutions projects listed in Table 6 are likely to include bicyle and pedestrian projects as part of the project makeup. Additionally, the 2050 Cost Feasible Plan included box fundes for Bicycle and Pedestrian projects identified in the various TPO plans and bax funds for Greenways and Trails to study and implement projects from the Regional Greenways and Trails Master Plan.

4.5 Regional Transit

The 2050 Cost Feasible plan includes regional transit projects (**Table 7**) that aim to enhance connectivity, accessibility, and efficiency across the study area. These projects include additional Bus Rapid Transit routes, commuter rail service, expansion of transit services into Clay, St Johns and Nassau Counties, enhancements to the Mayport Ferry, and implementation of the U2C project in downtown Jacksonville. These projects are designed to create a comprehensive, efficient, and sustainable regional transit network that meets the long-term mobility needs of the community, reduces congestion, and supports economic growth and environmental sustainability.

4.6 Off-System State Highway System Construction Assistance

Florida's Off-System State Highway Construction Assistance Program is designed to provide financial support and resources for the construction and maintenance of highways that are not part of the state highway system but are crucial for local and regional transportation needs.

4.7 Non-Capacity and System Preservation Programs

Non-Capacity and System Preservation Programs encompass FDOT initiatives aimed at bolstering, operating, and preserving the state highway system. These programs encompass safety, resurfacing, bridge maintenance, product support, operations and maintenance, and administrative endeavors. County-level estimates for these programs are unavailable. Instead, FDOT has pledged to allocate ample funding in the 2050 Revenue Forecast to fulfill statewide objectives and policies.

Regional Transit Projects										
Facility	**County**	**From**	**To**	**Phases Funded**	**Project Description**	**TIP Years 2024-2029**	**Years 2029-2030**	**Years 2031-2035**	**Years 2036-2040**	**Years 2041-2050**
Mayport Ferry	Duval	A1A	A1A	Implementation	Additional Ferry; increase frequency by 50% This project include the purchase of an additional sustainable ferry vessel, fuel and charging infrastructure, and a new administration building for the existing Mayport Ferry service.	$12,530,000				
U2C - Riverside	Duval	Central	Brooklyn/Five Points	Capital & Construction	Purchase 14 AV, charging equipment, corridor infrastructure and skyway connection	$ 1,400,000				
U2C - Springfield	Duval	Central	Springfield	Capital & Construction	Purchase 14 AV, charging equipment, corridor infrastructure and skyway connection	$ 1,400,000				
U2C -San Marco	Duval	Kings Avenue	San Marco	Capital & Construction	Purchase 14 AV, charging equipment, corridor infrastructure and skyway connection	$ 1,400,000				
U2C - Northwest	Duval	Central	Northwest	Capital & Construction	Purchase 14 AV, charging equipment, corridor infrastructure and skyway connection	$ 1,400,000				
U2C - Bay Street	Duval	Central	Bay Street	Capital & Construction	Purchase 14 AV, charging equipment, corridor infrastructure and skyway connection	$ 65,200,000				

Facility	County	From	To	Phases Funded	Project Description	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050
Skyway Modernization	Duval	Downtown Jacksonville	Downtown Jacksonville	Capital & Construction	Modernize the Skyway infrastructure and operations to support the autonomous vehicle network.	$9,000,000				
JRTC Rail Terminal	Duval	Downtown Jacksonville	Downtown Jacksonville	Planning, Design, Build	Commuter Rail Terminal at the JRTC/ Prime Osbourne	$1,000,000				
FSCJ Autonomous Vehicle Pilot	Duval/St. Johns	Downtown Jacksonville	Satellite Campuses	Capital & Construction	Expand pilot to additional campuses. This pilots will get the public familiar with riding AV services and expand JTA's expertise in establishing and operating AV services.	$325,000				
Bus Stops Of the Future	Duval	Regional	Regional	Capital & Construction	Install innovative bus stops of the future throughout the region	$800,000				
ADA Bus Stop Improvements	Duval	Regional	Regional	Capital & Construction	Improvements include installing new concrete bus pads, shelters, and amenities at existing bus stops. The improvements will also include the associated clearing, grubbing, erosion control, handrail, grading and minor drainage modifications as required for construction.	$ 4,000,000				

Facility	County	From	To	Phases Funded	Project Description	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050
Autonomous Innovation Center	Duval	Downtown Jacksonville	Downtown Jacksonville	Construction	Construction of an autonomous vehicle maintenance and storage facility and operations center. It will include a command center, charging equipment, and offices.	$ 16,000,000				
Central Water Taxi	Duval	The District	Shipyard Development	Capital & Construction	Implement water taxi service on the St. Johns River including docking, fueling, maintenance, and storage facilities.	$950,000				
UNF Campus Bus Service	Duval	UNF	UNF	Capital	Improve bus service at UNF	$150,000				
Lake City Bus Service	Duval	Downtown Jacksonville	Lake City VA Clinic	Capital	Improve bus service in Lake City	$150,000				

Shand's Bus Service	Clay/St Johns	Clay County	St Johns County	Capital	Improve bus service at Shands	$150,000			
East Jacksonville Bus Service	Duval	Arlington	Oceanway	Capital	Improve bus service in east Jacksonville	$150,000			
North Jacksonville Bus Service	Duval	Edgewood	Oceanway	Capital	Improve bus service in north Jacksonville	$150,000			
South Jacksonville Bus Service	Duval	Orange Park	Mandarin	Capital	Improve bus service in south Jacksonville	$150,000			
West Jacksonville Bus Service	Duval	Edgewood	Orange Park	Capital	Improve bus service in west Jacksonville	$150,000			
Nassau County Bus Service	Nassau	Hillard	American Beach	Capital	Improve bus service in Nassau County	$150,000			
Clay Regional Satellite Facility	Clay	Duval County	Clay County	Planning, Design, Build	Development of regional satellite facilities to support expanded operations beyond Duval County.	$1,000,000			
Nassau Regional Satellite Facility	Nassau	Duval County	Nassau County	Planning, Design, Build	Development of regional satellite facilities to support expanded operations beyond Duval County.	$1,000,000			
Blue Line Bus Rapid Transit Lanes	Duval	JRTC	Avenues Walk	Capital & Construction	Implement transit only lanes for existing BRT service	$1,000,000			

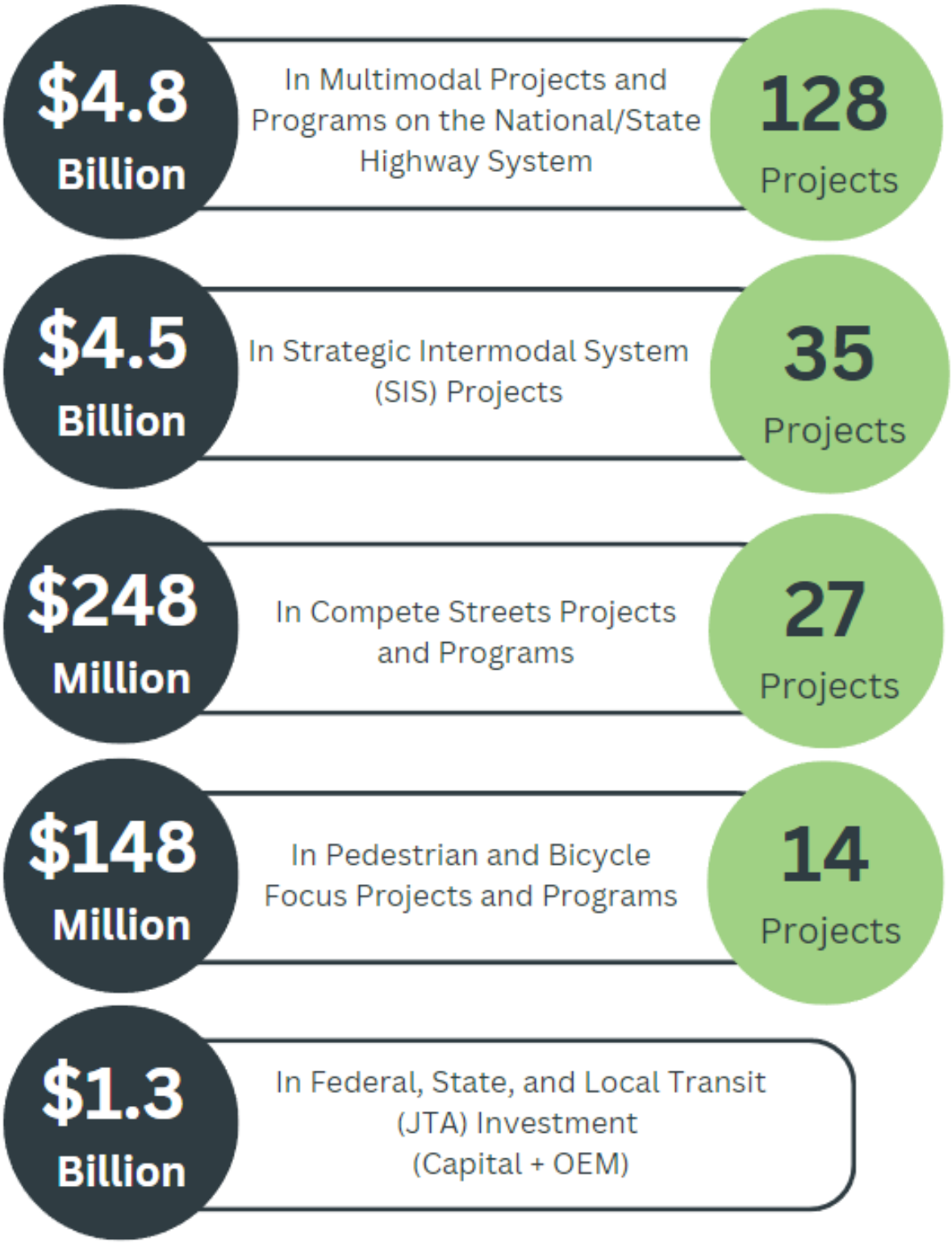
Facility	County	From	To	Phases Funded	Project Description	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050
Green Line Bus Rapid Transit Lanes	Duval	JRTC	Armsdale	Capital & Construction	Implement transit only lanes for existing BRT service	$1,000,000				
Orange Line Bus Rapid Transit Lanes	Duval	JRTC	Orange Park	Capital & Construction	Implement transit only lanes for existing BRT service	$1,000,000				
Red Line Bus Rapid Transit Lanes	Duval	JRTC	Beaches	Capital & Construction	Implement transit only lanes for existing BRT service	$1,000,000				
Blue Line BRT TSP	Duval	JRTC	Avenues Walk	Capital & Construction	Implement transit signal priority for existing BRT service	$120,000				
Green Line BRT TSP	Duval	JRTC	Armsdale	Capital & Construction	Implement transit signal priority for existing BRT service	$120,000				
Orange Line BRT TSP	Duval	JRTC	Orange Park	Capital & Construction	Implement transit signal priority for existing BRT service	$120,000				
Red Line BRT TSP	Duval	JRTC	Beaches	Capital & Construction	Implement transit signal priority for existing BRT service	$120,000				
Operations and Maintenance	Regional			Operations and Maintenance	Operations and Maintenance	$ 30,000,000	$ 63,080,000	$ 34,100,000	$ 35,650,000	$ 72,720,000

5.0 Summary

Based on projections of existing financial resources, the 2050 LRTP's Cost Feasible Plan totals $1.1 Billion in Federal, State, and Locally funded projects. These public funds are complemented by the region's Toll Road System (FTE) investment of $909 million in toll-funded projects by 2050. That amounts to about $2 billion planned for transportation infrastructure investment and service provision in Northeast Florida over the next 25 years.

But as exhibited in each of the cost feasible project lists, our region's transportation needs greatly outweigh what we can afford based on current projections. Regionally our unfunded multimodal transportation needs and desires exceed $6.6 Billion as we continue to grow and costs increase.

2050 LRTP Cost Feasible Plan by the Numbers



6.0 Plan Execution

Effective cross-sector leadership and collaboration are imperative for achieving the goals and objectives outlined in the 2050 Plan. To realize and maintain Northeast Florida's social and economic potential, our future transportation system must offer dependable access to opportunities. Addressing the region's transportation challenges requires a multifaceted approach, leveraging various tools and strategies.

In executing the 2050 Plan, the staff at the North Florida TPO will assess existing core TPO products and make necessary updates to ensure alignment between the organization's long-range plan and its immediate priorities and funding initiatives. These endeavors will be conducted in close cooperation with FDOT, TPO's Advisory Committees, and local government partners.

Appendix A

Cost Feasible Plan Tables and Maps

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050	Current TPO Priority
272	Main Street (US 17) SR 5	Duval	2094119	Airport Center Drive	Max Leggett Parkway	ROW	Purchase of ROW for future widening project	$7,020,000					
233	Main Street (US 17) SR 5	Duval	2094118	South of New Berlin Road	Airport Center Drive	CST	Add lanes and reconstruct	$48,145,205					
423	SR 16	St Johns	2104475	International Golf Parkway	I-95 (SR 9)	CST	Add lanes and reconstruct	$4,451,033					
844	Beach Boulevard	St Johns	4470611	Pope Road	SR A1A	CST	Multi-use Trail/Bike Path	$3,622,771					
845	SR A1A	St Johns	4470621	SR 206	Beach Boulevard	CST	Multi-use Trail/Bike Path	$8,424,756					
846	SR A1A/Anastasia State Park	St. Johns	4470601	Pope Road	Red Cox Drive	CST	Multi-use Trail/Bike Path	$5,064,611					
847	SR A1A	St. Johns	4470641	Marineland	Fort Matanzas Inlet	CST	Multi-use Trail/Bike Path	$12,003,407					
848	SR A1A	St. Johns	4470631	Fort Matanzas Inlet	SR 206	Design, CST	Multi-use Trail/Bike Path	$3,607,913					
833, 834	SR A1A	St. Johns	4470591	Red Cox Drive	Bridge of Lions	CST	Multi-use Trail/Bike Path	$6,995,953					
835	King Street	St. Johns	4470581	US 1	Bridge of Lions	CST	Multi-use Trail/Bike Path	$3,774,978					
288*	I-10 (SR 8)	Duval	4524051			CST	Electric Vehicle GAP Phase 8	$2,700,000					
829	Timucuan Trail	Duval	4084943	Fort George Island Trail Head		CST	Multi-use Trail/Bike Path	$3,263,107					
801	Heckscher Drive (SR A1A) (Core to Coast)	Duval	4331641	Huguenot Park	George River Bridge	CST	Multi-use Trail/Bike Path	$6,284,325					
430	CR 210	St. Johns		at US 1		CST	Construct interchange with US 1	$6,000,000					
432	CR 210	St. Johns		Greenbriar Road	Cimarrone Boulevard	CST	Widen from 2 to 4 lanes	$40,033,741					
410, 411, 412, 428	CR 2209	St. Johns		CR 210	CR 208	CST	Construct new 4 lane roadway	$37,563,202					
414	Longleaf Pine Parkway	St. Johns		Roberts Road	Veterans Parkway	CST	Widen from 2 to 4 lanes	$21,099,809					
403	Racetrack Road	St. Johns		Peyton Parkway	Bartram Park Boulevard	Design	Widen to 4 lanes	$4,091,539					

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050	Current TPO Priority
805	Kings Road Corridor (LOGT)	Duval		I-95	MLK Pkwy	Planning, Design, Build (Partially Funded)	The project consists of light beacons at the S-Line Crossing and two mini-roundabouts at Fairfax Street and Tyler Street. Transit stop improvements.	$3,542,000					
806	Dunn Avenue Corridor (LOGT)	Duval		I-295	I-95	Planning, Design, Build (Partially Funded)	A lane elimination (road diet) to bike lanes, ADA improvements, transit stops improved amenities, new concrete pads, shelters, benches, trash receptacles, and immediate sidewalk connectivity.	$1,958,000					
807	University Boulevard (LOGT)	Duval		Arlington Road	Arlington Expressway	Planning, Design, Build (Partially Funded)	Milling and resurfacing with potential improvements to include reduced travel lane widths, construction of 6' buffered bike lanes, mid-block crossings, and transit stop improvements.	$7,062,000					

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050	Current TPO Priority
808	8th Street Corridor (LOGT)	Duval		I-95 Ramps	Main Street	Planning, Design, Build (Partially Funded)	Pedestrian safety and aesthetic enhancements along 8th Street, including realignment of existing crosswalks, new crosswalks, installation of rectangular rapid flashing beacons and additional signage and marking for bike lanes. Transit stop improvements.	$1,963,500					
810	University Blvd/Merrill Road Corridor (LOGT)	Duval		University Boulevard	Townsend Boulevard	Planning, Design, Build (Partially Funded)	The project consists of pedestrian safety and aesthetic enhancements, including new crosswalks, connecting sidewalk gaps and bike lanes. Transit stop improvements.	$1,045,000					
811	Lenox Avenue Corridor (LOGT)	Duval		Normandy Boulevard	Cassat Avenue	Planning, Design, Build (Partially Funded)	Reduce travel lanes from four lanes to two lanes and include median and bike lane installation. ADA, sidewalk, and crosswalk improvements. Transit stop improvements	$2,315,500					

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050	Current TPO Priority
812	Lem Turner Road Corridor (LOGT)	Duval		I-295	I-95	Planning, Design, Build (Partially Funded)	Restriping, lane elimination, ADA improvements, sidewalk and crosswalk improvements, and a roundabout. Transit stop improvements.	$4,185,500					
813	Philips Highway Corridor (LOGT)	Duval		University Boulevard	Baymeadows Road	Planning, Design, Build (Partially Funded)	Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$4,301,000					
814	Park Street Corridor (LOGT)	Duval		US-17	I-95	Planning, Design, Build (Partially Funded)	Reduce travel lanes and lane widths. Replace concrete barrier with landscaping. Improve pedestrian safety and aesthetic enhancements, including new crosswalks, wider sidewalk, transit and bicycle infrastructure, and ADA improvements.	$3,212,000					

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050	Current TPO Priority
815	Edgewood Avenue Corridor (LOGT)	Duval		Cassat Avenue	Main Street	Planning, Design, Build (Partially Funded)	Reduce travel lanes and include median, transit and bicycle infrastructure, ADA, sidewalk, and crosswalk improvements.	$12,116,500					
657*	University Hub	Duval		University bus stop	University bus stop	Planning, Design, Build (Partially Funded)	Implement a multimodal transfer hub including transit, micro transit, bike, and pedestrian improvements	$300,000					
Strategic Intermodal System (SIS) Projects													
212	I-295 (SR 9A)	Duval	4358441	at Normandy Boulevard (SR 228)		CST	Modify Interchange	$73,000					
201	I-295 (SR 9A)	Duval	4473651	Buckman Bridge		CST	Bridge widening and rehabilitation	$73,000					
250	I-295 (SR 9A)	Duval	2132601	North of New Kings Road	South of I-95 North Interchange	PD&E, Design and ROW	Widen from 4 to 8 lanes	$46,000,000	$14,447,000	$6,349,000	$116,545,000		
247	I-295 (SR 9A)	Duval	2132611	North of Commonwealth Road	North of New Kings Road	PD&E, Design, ROW and CST	Widen from 4 to 8 lanes	$11,069,000	$5,308,000	$78,514,000			
246	I-295 (SR 9A)	Duval	2096586	South of Heckscher Drive (SR 105)	North of Pulaski Road	Design	Widen from 4 to 6 lanes	$1,000,000					
245	I-295 (SR 9A)	Duval	2093014	Southside Connector (SR 113)	J. Turner Butler Boulevard (SR 202)	PD&E, Design, ROW and CST	Widen from 4 to 6 lanes	$5,289,424	$484,801,000				
248	I-295 (SR 9A)	Duval	2133459	South of US 17	Blanding Boulevard (SR 21)	PD&E, Design, ROW and CST	Widen from 6 to 8 lanes	$97,000	$7,661,000	$167,967,000	$206,528,000		
214	I-295 (SR 9A)	Duval	2093018	Beach Boulevard (SR 212)	J. Turner Butler Boulevard (SR 202)	PD&E, Design, CST	Widen from 4 to 6 lanes	$349,000					
246	I-295 (SR 9A)	Duval	2096584	South of Heckscher Drive (SR 105)	North of Pulaski Road	PD&E, Design and ROW	Widen from 4 to 6 lanes	$7,325,417				$2,416,000	
216	I-95 (SR 9)	Duval	4338992	at US 1 (SR 115)/MLK/20th Street		Design and ROW	Modify Interchange	$1,629,000					

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050	Current TPO Priority
229	I-95 (SR 9)	Duval	4355772	I-295 (SR 9A)	Baymeadows Road (SR 152)	ROW and CST	Widen from 8 to 10 lanes	$252,988,263					
421	I-95 (SR 9)	St Johns	4240264	North of First Coast Expressway (SR 23)	Duval County Line	CST	Widen from 6 to 8 lanes	$324,633,078					
420	I-95 (SR 9)	St Johns	4229389	South of International Golf Parkway	South of First Coast Expressway (SR 23) Interchange	CST	Widen from 6 to 10 lanes	$141,653,091					
217	I-95 (SR 9)	Duval	4322592	South of Emerson Street (SR 126)	Atlantic Boulevard	Design and CST	Widen from 6 to 8 lanes	$355,577,009					
228	I-95 (SR 9)	Duval	4322593	South of J. Turner Butler Boulevard (SR 202)	South of Emerson Street (SR 126)	Design and CST	Widen from 6 to 8 lanes	$132,000	$61,934,000				
224	I-95 (SR 9)	Duval	4461531	Baymeadows Road	J. Turner Butler Boulevard (SR 202)	Design and CST	Widen from 6 to 8 lanes	$13,000	$41,292,000				
254	I-95 (SR 9)	Duval	4355771	I-295 (SR 9A)	J. Turner Butler Boulevard (SR 202)	Design	Widen from 4 to 6 lanes	$132,000					
227	I-95 (SR 9)	Duval	4240265	St Johns County Line	I-295 (SR 9A)	CST	Widen from 6 to 8 lanes	$294,197,024					
229	I-95 (SR 9)	Duval	4427782	Beaver Street (US 90)	Martin Luther King (US 1) SR 115	Design, ROW and CST	Widen from 6 to 8 lanes	$825,397				$163,154,000	
241	I-10 (SR 8)	Duval	4407651	SR 23	I-295 (SR 9A)	PD&E	Add lanes and reconstruct	$1,015,000					
240	I-10 (SR 8)	Duval	4407641	US 301	SR 23	PD&E	Add lanes and reconstruct	$1,015,000					
210	I-10 (SR 8)	Duval	4288652	at US 301 (SR 200)		CST	New Interchange Ramp	$15,856,741					
225	Hecksher Drive (SR 105)	Duval	4461231	I-295 (SR 9A)		Design, CST	Add right turn lane(s)	$60,000					
226	J. Turner Butler Boulevard (SR 202)	Duval	4463861	Belfort Road Interchange		Utilities	Modify Interchange	$150,112					
232	J. Turner Butler Boulevard (SR 202)	Duval	4389282	East of I-95	North of Mustang Road	CST	Widen from 6 lanes to 8 lanes	$30,170,929					
113, 404, 405	First Coast Expressway (SR 23)	St Johns /Clay	4229382	I-95 (SR 9)	US 17 (SR 15)	ROW	Construct new toll facility	$27,836,545					
405	First Coast Expressway (SR 23)	St. Johns	4229387	East of CR 16A Spur	East of CR 209	CST	Construct new toll facility	$5,393,290					

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050	Current TPO Priority
405	First Coast Expressway (SR 23)	St. Johns	4229388	East of CR 2209	East of CR 16A Spur	CST	Construct new toll facility	$429,506,512					
405	First Coast Expressway (SR 23)	St Johns	4530701	I-95 (SR 9)	East of CR 2209	CST	Construct new toll facility	$446,636,458					
801	I-10 (SR 8)	Duval	3876	at I-295 (SR 9A)		Design, CST	Modify Interchange				$8,200,000	$102,352,000	
802	I-10 (SR 8)	Duval	3303	at First Coast Expressway (SR 23)		Design, CST	Widen from 6 to 8 lanes					$101,523,000	
247	I-295 (SR 9A)	Duval	3889	North of Collins Road	North of Commonwealth Road	PD&E, Design	Widen from 6 to 8 lanes					$58,499,000	
803	I-295 (SR 9A)	Duval	3643	South of US 17	Blanding Boulevard (SR 21)	PD&E	Widen from 8 to 12 lanes					$1,500,000	
804	I-95 (SR 9)	Duval	3445	North of Martin Luther King (SR 115)	South of SR 105	PD&E, Design, ROW and CST	Construction of Managed Lanes				$73,804,000	$438,041,000	
307	US 301 (SR 200)	Nassau	3856	at Crawford Road		PD&E and ROW	Modify Interchange				$365,000	$699,000	
SIS Totals									**$615,443,000**	**$252,830,000**	**$405,442,000**	**$868,184,000**	
	Regional Transit Projects												
600	Mayport Ferry	Duval		A1A	A1A	Capital & Construction (Partial Funding)	Additional Ferry; increase frequency by 50%	$12,530,000					
610	U2C - Riverside	Duval		Central	Brooklyn/Five Points	Capital & Construction (Partial Funding)	Purchase 14 AV, charging equipment, corridor infrastructure and skyway connection	$1,400,000					

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050	Current TPO Priority
611	U2C - Springfield	Duval		Central	Springfield	Capital & Construction (Partial Funding)	Purchase 14 AV, charging equipment, corridor infrastructure and skyway connection	$1,400,000					
612	U2C -San Marco	Duval		Kings Avenue	San Marco	Capital & Construction (Partial Funding)	Purchase 14 AV, charging equipment, corridor infrastructure and skyway connection	$1,400,000					
613	U2C - Northwest	Duval		Central	Northwest	Capital & Construction (Partial Funding)	Purchase 14 AV, charging equipment, corridor infrastructure and skyway connection	$1,400,000					
614	U2C - Bay Street	Duval		Central	Bay Street	Capital & Construction	Purchase 14 AV, charging equipment, corridor infrastructure and skyway connection	$65,200,000					
622	Skyway Modernization	Duval		Downtown Jacksonville	Downtown Jacksonville	Capital & Construction (Partial Funding)	Modernize the Skyway infrastructure and operations to support the autonomous vehicle network.	$9,000,000					
623	JRTC Rail Terminal	Duval		Downtown Jacksonville	Downtown Jacksonville	Planning, Design, Build (Partial Funding)	Commuter Rail Terminal at the JRTC/ Prime Osbourne	$1,000,000					

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050	Current TPO Priority
6017*	FSCJ Autonomous Vechile Pilot	Duval		Downtown Jacksonville	Satellite Campuses	Capital & Construction (Partial Funding)	Expand pilot to additional campuses. This pilots will get the public familiar with riding AV services and expand JTA's expertise in establishing and operating AV services.	$325,000					
6018*	Bus Stops Of the Future	Duval		Regional	Regional	Capital & Construction (Partial Funding)	Install innovative bus stops of the future throughout the region	$800,000					
6019*	ADA Bus Stop Improvements	Duval		Regional	Regional	Capital & Construction (Partial Funding)	Improvements include installing new concrete bus pads, shelters, and amenities at existing bus stops. The improvements will also include the associated clearing, grubbing, erosion control, handrail, grading and minor drainage modifications as required for construction.	$4,000,000					

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050		Current TPO Priority
6020*	Autonomous Innovation Center	Duval		Downtown Jacksonville	Downtown Jacksonville	Construction	Construction of an autonomous vehicle maintenance and storage facility and operations center. It will include a command center, charging equipment, and offices.	$16,000,000						
6021*	Open Fare Payment	Duval		Clay County	Nassau County	Capital (Partial Funding)	Upgrade Entire Fleet Payment Method	$500,000						
6031*	Operations and Maintenance	Regional				Operations and Maintenance	Operations and Maintenance	$30,000,000	$ 6,308,000	$ 34,100,000	$ 35,650,000	$ 72,720,000		
605*	Central Water Taxi	Duval		The District	Shipyard Development	Capital & Construction (Partial Funding)	Implement water taxi service on the St. Johns River including docking, fueling, maintenance, and storage facilities.	$950,000						
620*	UNF Campus Bus Service	Duval		UNF	UNF	Capital (Partial Funding)	Bus Service	$150,000						
686*	Lake City Bus Service	Duval		Downtown Jacksonville	Lake City Veterans Affairs Hospital	Capital (Partial Funding)	Bus Service	$150,000						
687*	Shand's Bus Service	Clay/St. Johns		Clay County	St. Johns County	Capital (Partial Funding)	Bus Service	$150,000						
688*	East Jax Bus Service	Duval		Arlington	Oceanway	Capital (Partial Funding)	Bus Service	$150,000						
689*	North Jax Bus Service	Duval		Edgewood	Oceanway	Capital (Partial Funding)	Bus Service	$150,000						
690*	South Jax Bus Service	Duval		Orange Park	Mandarin	Capital (Partial Funding)	Bus Service	$150,000						
691*	West Jax Bus Service	Duval		Edgewood	Orange Park	Capital (Partial Funding)	Bus Service	$150,000						
692*	Nassau Bus Service	Nassau		Hillard	American Beach	Capital (Partial Funding)	Bus Service	$150,000						

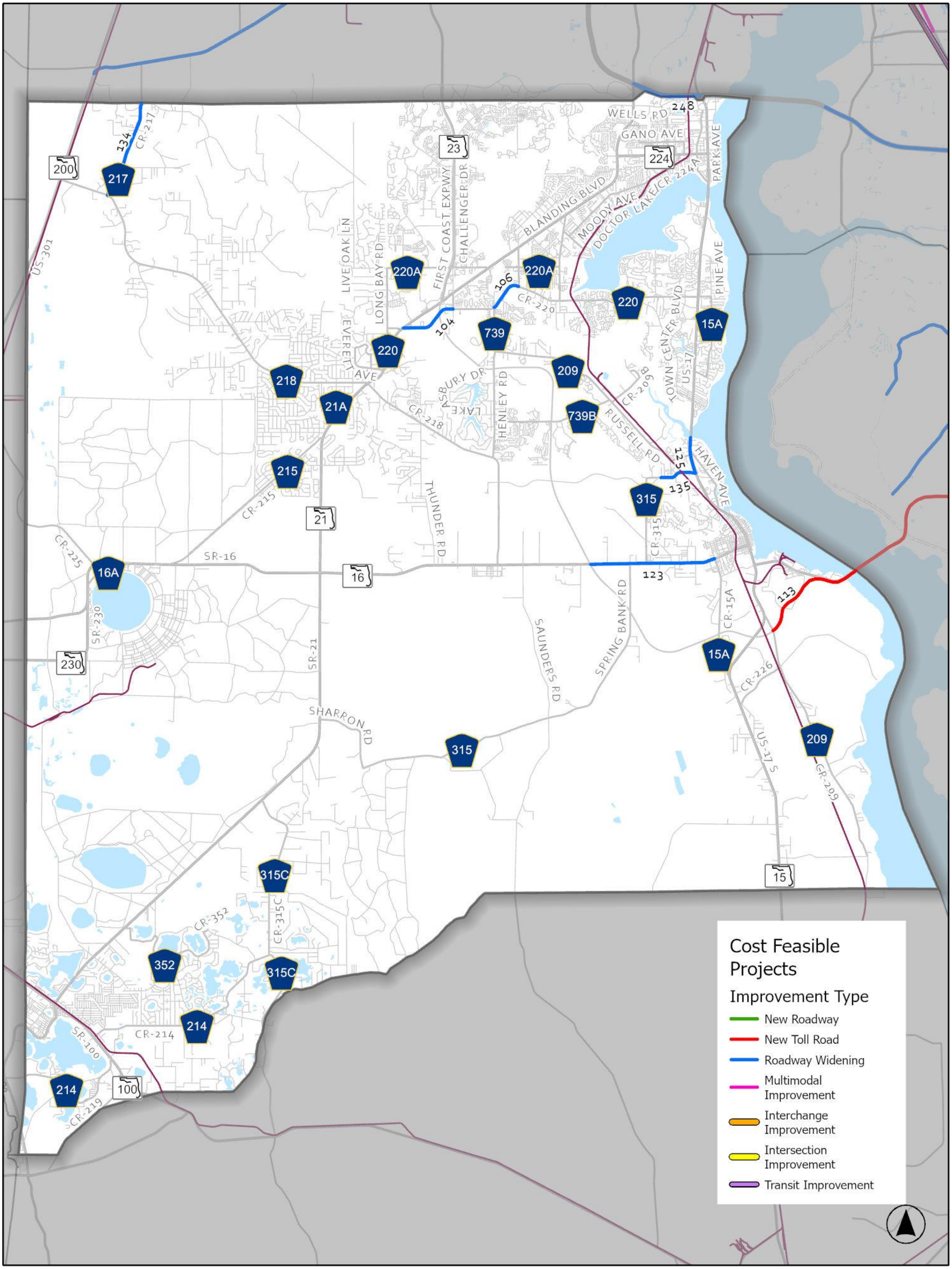
Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050		Current TPO Priority
697*	Clay Bus Service	Clay		Area Wide	Area Wide	Capital (Partial Funding)	Bus Service	$150,000						
696*	St. Johns Bus Service	St. Johns		Area Wide	Area Wide	Capital (Partial Funding)	Bus Service	$150,000						
645*	Clay Regional Satellite Facility	Clay		Duval County	Clay County	Planning, Design, Build (Partial Funding)	O&M facility	$1,000,000						
646*	Nassau Regional Satellite Facility	Nassau		Duval County	Nassau County	Planning, Design, Build (Partial Funding)	O&M facility	$1,000,000						
6023*	Blue Line BRT Transit Lanes	Duval		Jacksonville Regional Transportation Center (JRTC)	Avenues Walk	Capital & Construction (Partial Funding)	Implement transit only lanes for existing BRT service	$1,000,000						
6024*	Green Line BRT Transit Lanes	Duval		Jacksonville Regional Transportation Center (JRTC)	Armsdale	Capital & Construction (Partial Funding)	Implement transit only lanes for existing BRT service	$1,000,000						
6025*	Orange BRT Transit Lanes	Duval		Jacksonville Regional Transportation Center (JRTC)	Orange Park	Capital & Construction (Partial Funding)	Implement transit only lanes for existing BRT service	$1,000,000						
6026*	Red Line BRT Transit Lanes	Duval		Jacksonville Regional Transportation Center (JRTC)	Beaches	Capital & Construction (Partial Funding)	Implement transit only lanes for existing BRT service	$1,000,000						
641*	Blue Line BRT TSP	Duval		Jacksonville Regional Transportation Center (JRTC)	Avenues Walk	Capital & Construction (Partial Funding)	Implement transit signal priority for existing BRT service	$120,000						
642*	Green Line BRT TSP	Duval		Jacksonville Regional Transportation Center (JRTC)	Armsdale	Capital & Construction (Partial Funding)	Implement transit signal priority for existing BRT service	$120,000						
643*	Orange Line BRT TSP	Duval		Jacksonville Regional Transportation Center (JRTC)	Orange Park	Capital & Construction (Partial Funding)	Implement transit signal priority for existing BRT service	$120,000						

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050		Current TPO Priority
644*	Red Line BRT TSP	Duval		Jacksonville Regional Transportation Center (JRTC)	Beaches	Capital & Construction (Partial Funding)	Implement transit signal priority for existing BRT service	$120,000						
	Other Roadway Projects (STBG, TA and non-SIS Funds)													
104, 106	CR 220	Clay		SR 21	Henley Road	ROW	Widen to 4 lanes			$7,643,250				2
						CST				$30,573,000				
123	SR 16	Clay		Green Cove Springs City Limits	First Coast Expressway Interchange	ROW	Widen to 4 lanes		$6,777,320					7
						CST				$39,739,740				
125	US 17	Clay		End of 4-lane south Town Center Boulevard	CR 315	ROW	Widen to 6 lanes		$2,472,800					11
						CST				$11,599,680				
134	CR 217	Clay		Low level bridge at Long Creek	CST	Replace low level bridge			$2,750,000					
1735	Cathedral Oak Parkway (CR 315)	Clay		US 17	Maryland Avenue	ROW	Context sensitive improvements: Safety, Bicycle, Pedestrian and intersection upgrades		$330,000					19
						CST			$2,200,000					
259	SR 228 (Normandy Boulevard)	Duval		Equestrian Center	US 301	ROW	Widen to 4 lanes with bicycle lanes and sidewalks			$20,487,006				1
						CST					$82,583,280			
274	US 17 (Main Street)	Duval	2094119	Airport Center Drive	Pecan Park Road	CST	Widen from 2 lanes to 5 lanes with multiuse path on the east side. *Design and ROW are underway*					$91,257,600		5

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050	Current TPO Priority
262	SR 115 (Lem Turner Road)	Duval/ Nassau		I-295	US 301	ROW	Widen to 4 lanes with multi-use trail and intersection improvements					$8,311,772	9
						CST						$82,269,580	
277	Moncrief Road	Duval		13th Street	US 1 (Kings Road)	ROW	Context sensitive improvements: Safety, Bicycle, Pedestrian and intersection upgrades		$330,000				12
						CST			$2,200,000				
282	Arlington Expressway	Duval		North Liberty Street	A Philip Randolph Boulevard	CST	Hogans Creek Restoration Project					$13,580,000	13
278	Southside Boulevard	Duval		Old Baymeadows Road	Beach Boulevard	ROW	Major intersection improvements with multi-use trail		$550,000				15
						CST				$4,605,000	$1,200,000		
279	Beaver Street (SR 10)	Duval		I-95	Liberty Street	ROW	Context sensitive improvements: Safety, Bicycle, Pedestrian and intersection upgrades		$ 550,000				18
						CST			$1,650,000				
283	SR A1A (Atlantic Boulevard/Third Street)	Duval		Mayport Road (SR A1A)	St. Johns County Line	ROW				$645,000			20
						CST				$3,225,000			
319	SR 200 (SR A1A)	Nassau		I-95	Amelia Island Parkway	ROW	Major intersection improvements		$550,000				3
						CST			$1,650,000				

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050	Current TPO Priority
315	US 17 (447364-3)	Nassau		Duval County Line	SR 200	ROW	Widen to 4 lanes with intersection improvements					$7,493,832	8
422 423	SR 16 (210447-5)	St. Johns		International Golf Parkway	Outlet Mall Entrance	ROW	Widen to 4 lanes				$37,000,000		4
						CST						$41,968,400	
427	CR 2209	St. Johns		SR 9B	SR 16	CST	SR 9B to Silverleaf Parkway - Widen to 6 lanes with intersection improvements: Silverleaf Parkway to SR 16 - Design 6 lane and construct 4 lane	$50,000,000					6
444	SR 312 Extension	St. Johns		Holmes Boulevard	King Street	CST	Construct new 2 lane roadway		$1,500,000	$15,800,000			
462	US 1	St. Johns		Pine Island Road	Racetrack Road	ROW	Intersection improvements				$1,560,000		10
						CST					$7,800,000		
453	SR A1A	St. Johns		Mickler Road	Marsh Landing Parkway	ROW	Intersection improvements and multi-use trail		$550,000				14
						CST				$3,225,000			
449	SR A1A	St. Johns		Mickler Road	Sawgrass Drive West	ROW	Widen to 4 lanes with bicycle lanes				$4,190,784		16
						CST						$25,655,120	
Box 1	Bicycle and Pedestrian	Regional		Boxed Funds (CRP Funds)	Average $1.5 M per year		Projects from the Bicycle and Pedestrian Master Plan		$2,400,000	$12,040,000	$12,040,000	$24,070,000	
Box 2	Greenways and Trails	Regional		Boxed Funds	Average $2 M per year		Projects from the Greenways and Trails Master Plan		$2,000,000	$10,000,000	$11,000,000	$20,000,000	
Box 3	ITS/TSM&O/Smart Cities Programs	Regional		Boxed Funds	Average $2 M per year		Projects from the ITS and TSM&O Master Plan, SMART Cities Master Plan		$2,000,000	$8,000,000	$10,000,000	$20,000,000	

Map ID	Facility	County	ID	From	To	Phases Funded	Improvement	TIP Years 2024-2029	Years 2029-2030	Years 2031-2035	Years 2036-2040	Years 2041-2050	Current TPO Priority
Box 4	Context Sensitive Solutions	Regional		Boxed Funds	Average $1.2 M per year		Projects from the Regional Safety Plan, Bicycle & Pedestrian Master Plan, specific corridor or congestion management plans or any study or plan that has identified an eligible project.		$2,000,000	$8,500,000	$8,500,000	$16,000,000	
Box 5	Freight Enhancement Projects	Regional		Boxed Funds	Average $1 M per year		Projects from the Regional Freight Master Plan		$2,000,000	$5,000,000	$5,000,000	$16,400,000	
Box 6	Resiliency Programs	Regional		Boxed Funds	Average $1 M per year		Projects from the Resiliency Plan		$1,000,000	$5,000,000	$8,000,000	$15,000,000	
								TOTALS	**$657,211,120**	**$473,012,676**	**$629,966,064**	**$1,322,910,304**	
								BUDGET	**$657,221,000**	**$473,430,000**	**$630,802,000**	**$1,323,344,000**	
								REMAINDER	**$9,880**	**$417,324**	**$835,936**	**$433,696**	



Cost Feasible Projects
Improvement Type
New Roadway
New Toll Road
Roadway Widening
Multimodal Improvement
Interchange Improvement
Intersection Improvement
Transit Improvement
WELLS RD
GANO AVE
PARK AVE
BLANDING BLVD
MOODY AVE
DOCTOR LAKE/CR-224A
PINE AVE
TOWN CENTER BLVD
US-17
CR-220
CR-209
CR-209B
RUSSELL RD
HAVEN AVE
FIRST COAST EXPWY
CHALLENGER DR
LIVE OAK LN
LONG BAY RD
EVERETT AVE
ASBURY DR
LAKE
HENLEY RD
CR-218
CR-217
US-301
CR-215
CR-225
SR-16
SR-230
THUNDER RD
CR-315
SPRING BANK RD
SAUNDERS RD
CR-15A
CR-226
US-17 S
SR-21
SHARRON RD
CR-352
CR-315C
CR-214
SR-100
CR-219
248
134
106
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135
123
113
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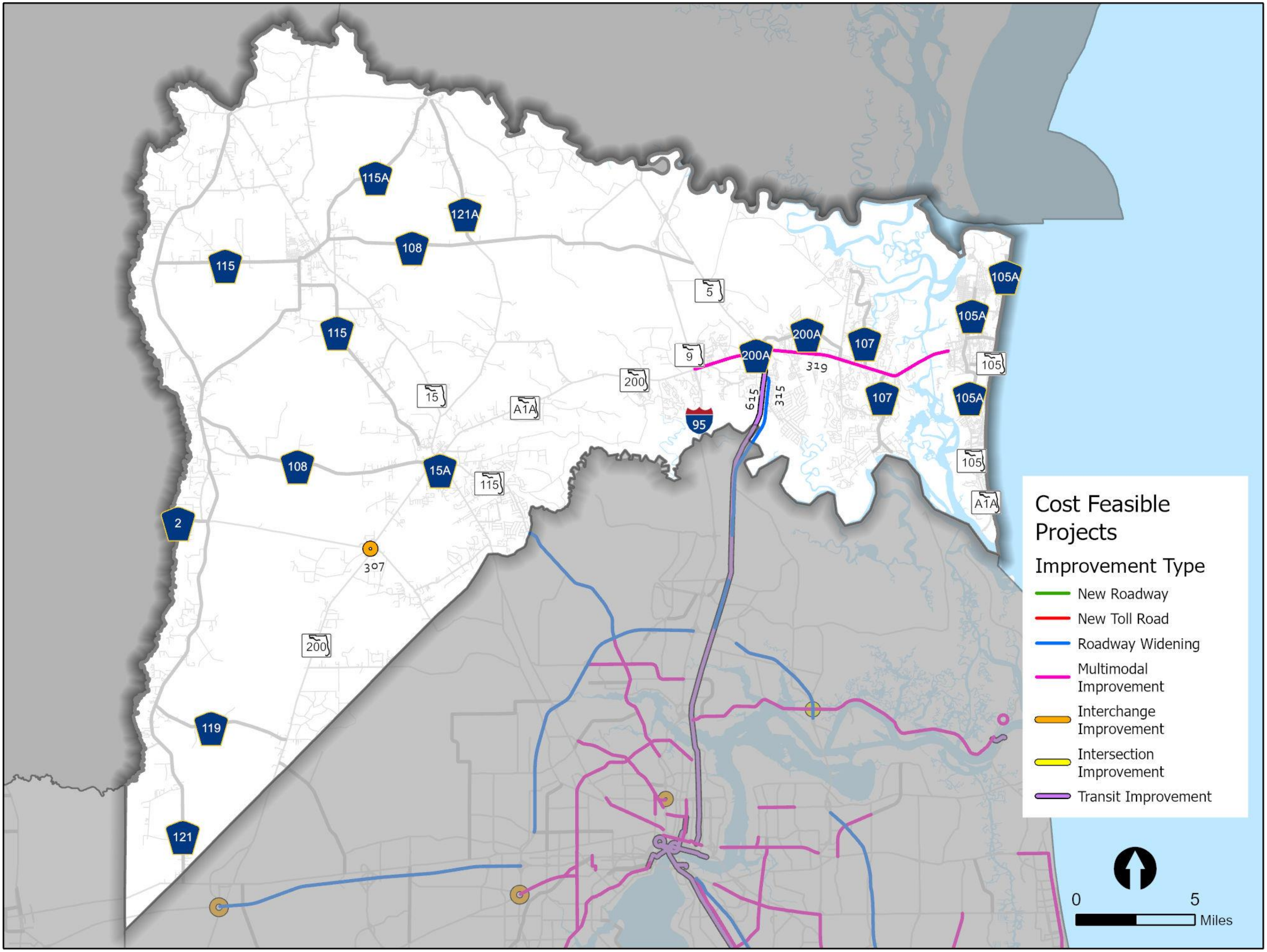

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200
15
A1A
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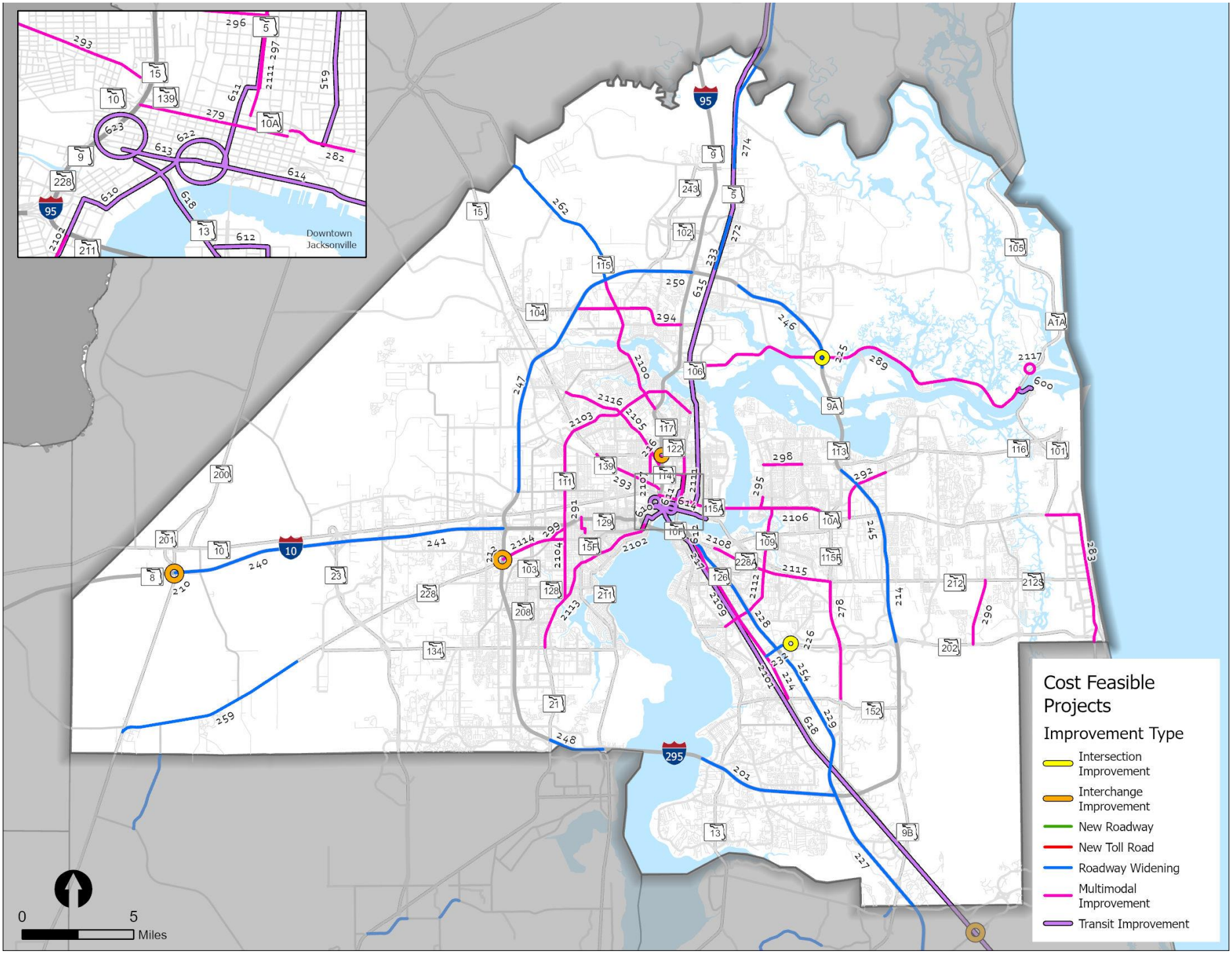
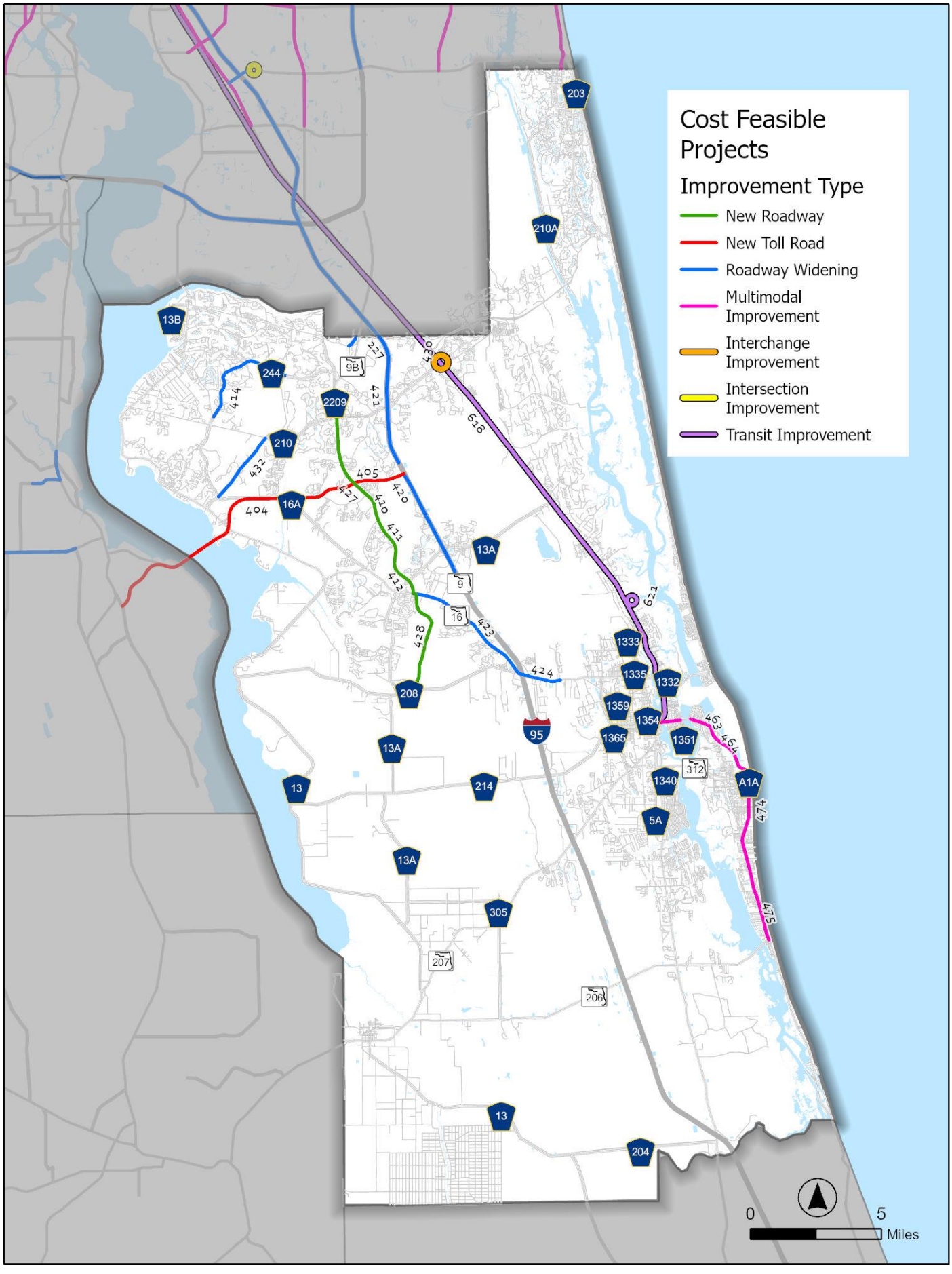
108
15A
115
A1A
2
307
200
119
121
Cost Feasible Projects
Improvement Type
New Roadway
New Toll Road
Roadway Widening
Multimodal Improvement
Interchange Improvement
Intersection Improvement
Transit Improvement
0
5
Miles


Downtown Jacksonville
Cost Feasible Projects
Improvement Type
Intersection Improvement
Interchange Improvement
New Roadway
New Toll Road
Roadway Widening
Multimodal Improvement
Transit Improvement
0
5
Miles


Cost Feasible Projects
Improvement Type
New Roadway
New Toll Road
Roadway Widening
Multimodal Improvement
Interchange Improvement
Intersection Improvement
Transit Improvement
203
210A
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244
9B
2209
210
16A
208
13A
214
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207
206
204
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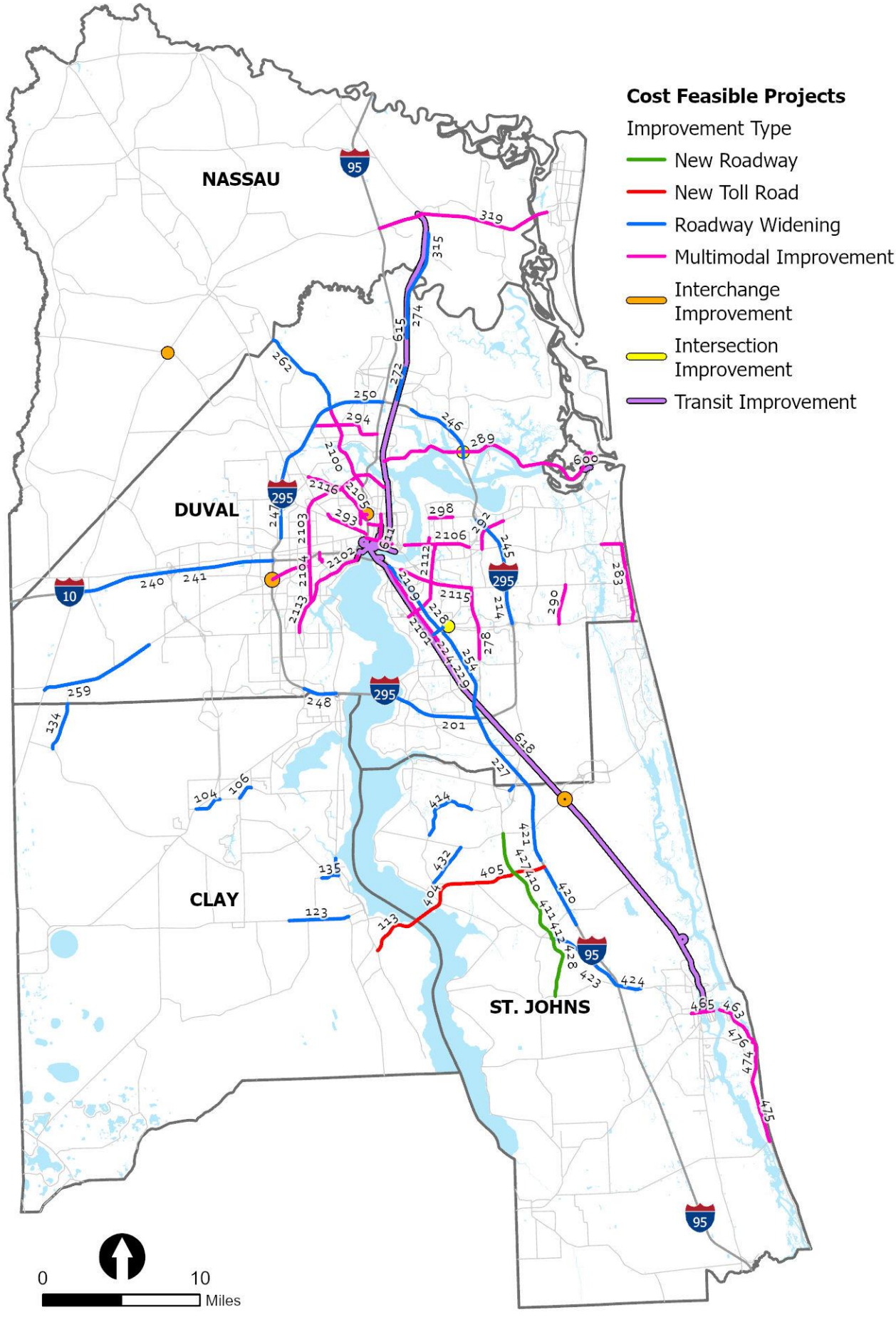
Miles


Cost Feasible Projects
Improvement Type
New Roadway
New Toll Road
Roadway Widening
Multimodal Improvement
Interchange Improvement
Intersection Improvement
Transit Improvement
NASSAU
DUVAL
CLAY
ST. JOHNS
95
295
10
0
10
Miles