



SMART MOVES 2045

St. Lucie TPO Long Range Transportation Plan

Virtual Workshop #1
Wednesday, July 29th

Welcome!

Project Team



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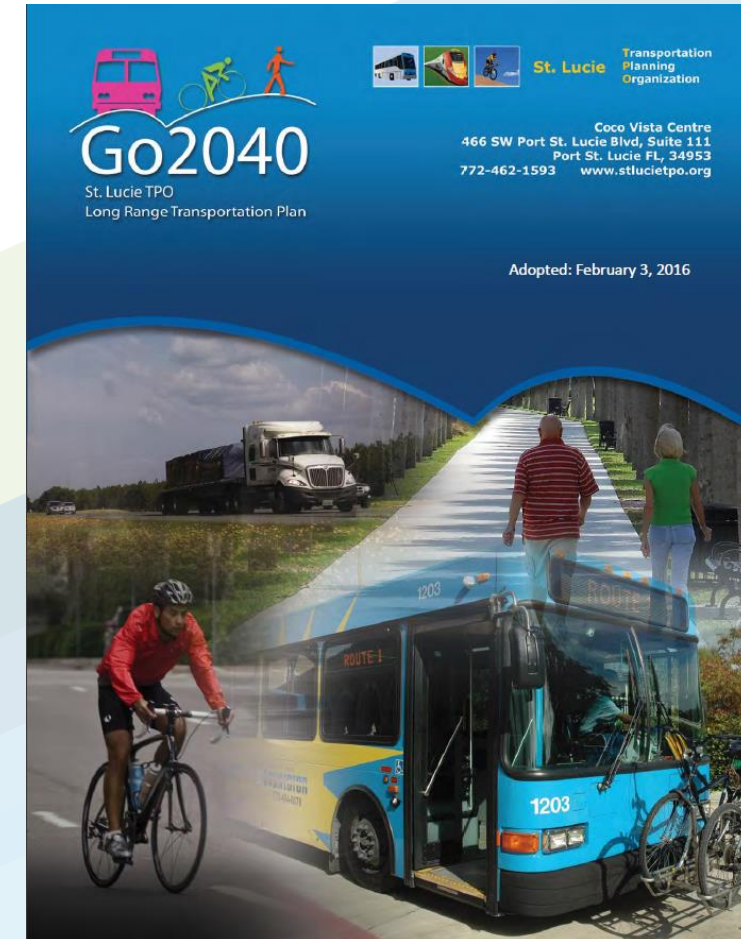
Introduction



- » The St. Lucie Transportation Planning Organization (TPO) is an independent metropolitan planning organization (MPO) **responsible** for the **transportation planning and programming** for the **City of Fort Pierce, City of Port St. Lucie, St. Lucie Village**, and the **unincorporated areas of St. Lucie County**.
- » One of the most important metropolitan planning federal requirements is the **preparation of a long range transportation plan (LRTP)**.

Background

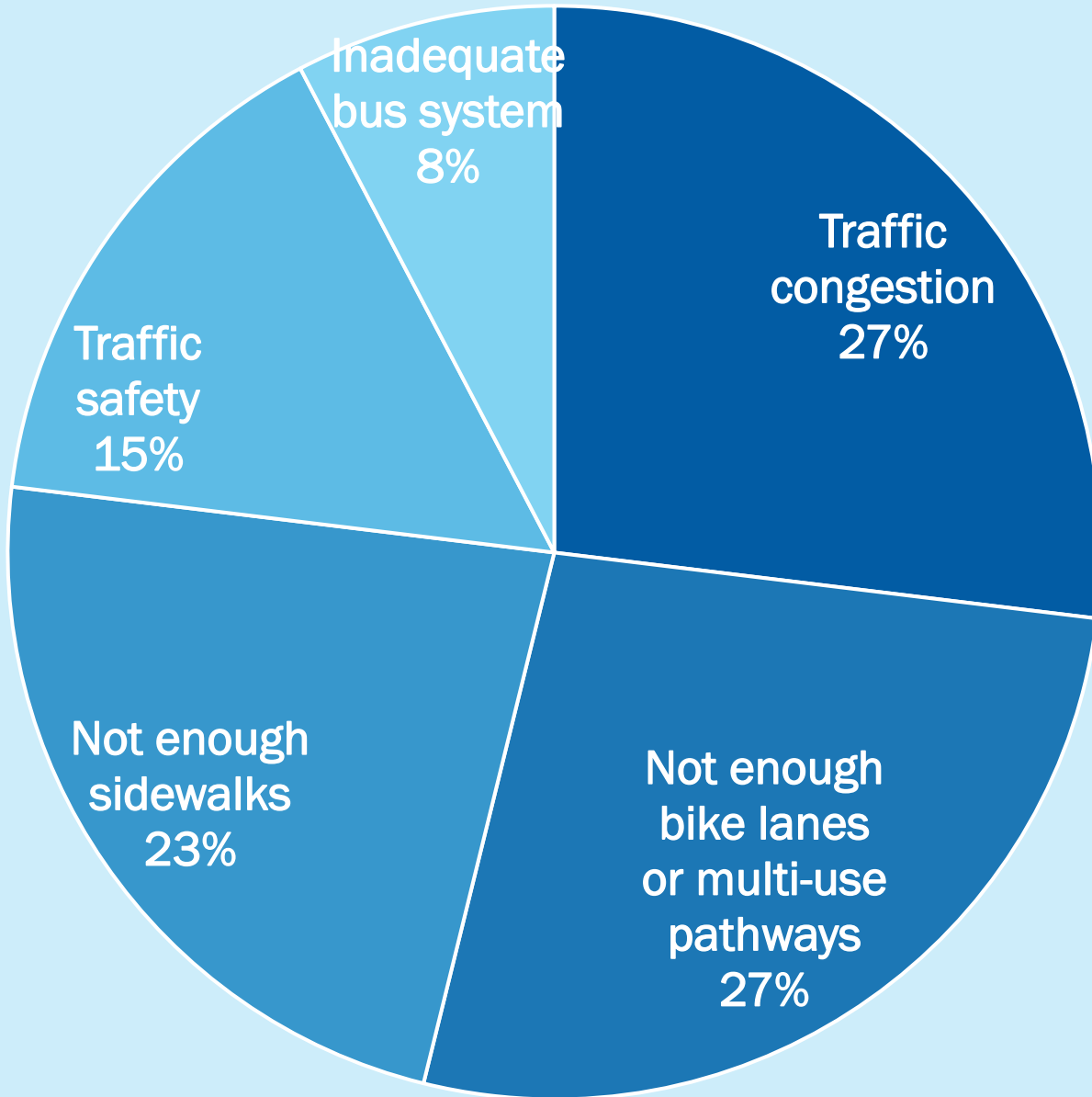
- » The Long Range Transportation Plan (LRTP) 2045 describes how St. Lucie County's multimodal transportation system will evolve over the next 25 years.
- » The St. Lucie TPO is required by federal law to review and update its transportation plan every five (5) years.
- » The St. Lucie 2040 LRTP, referred to as *Go2040*, was adopted by the TPO Governing Board in February 2016.



Virtual Workshop Format

- » 2-hour workshop from **2:00 PM to 4:00 PM**
- » **2 run-throughs** of the **presentation**
- » Questions and Answers (**Q&As**)
- » *Please send your questions through the chat!*

» **What is your
top concern
about
transportation
in St. Lucie
county?**

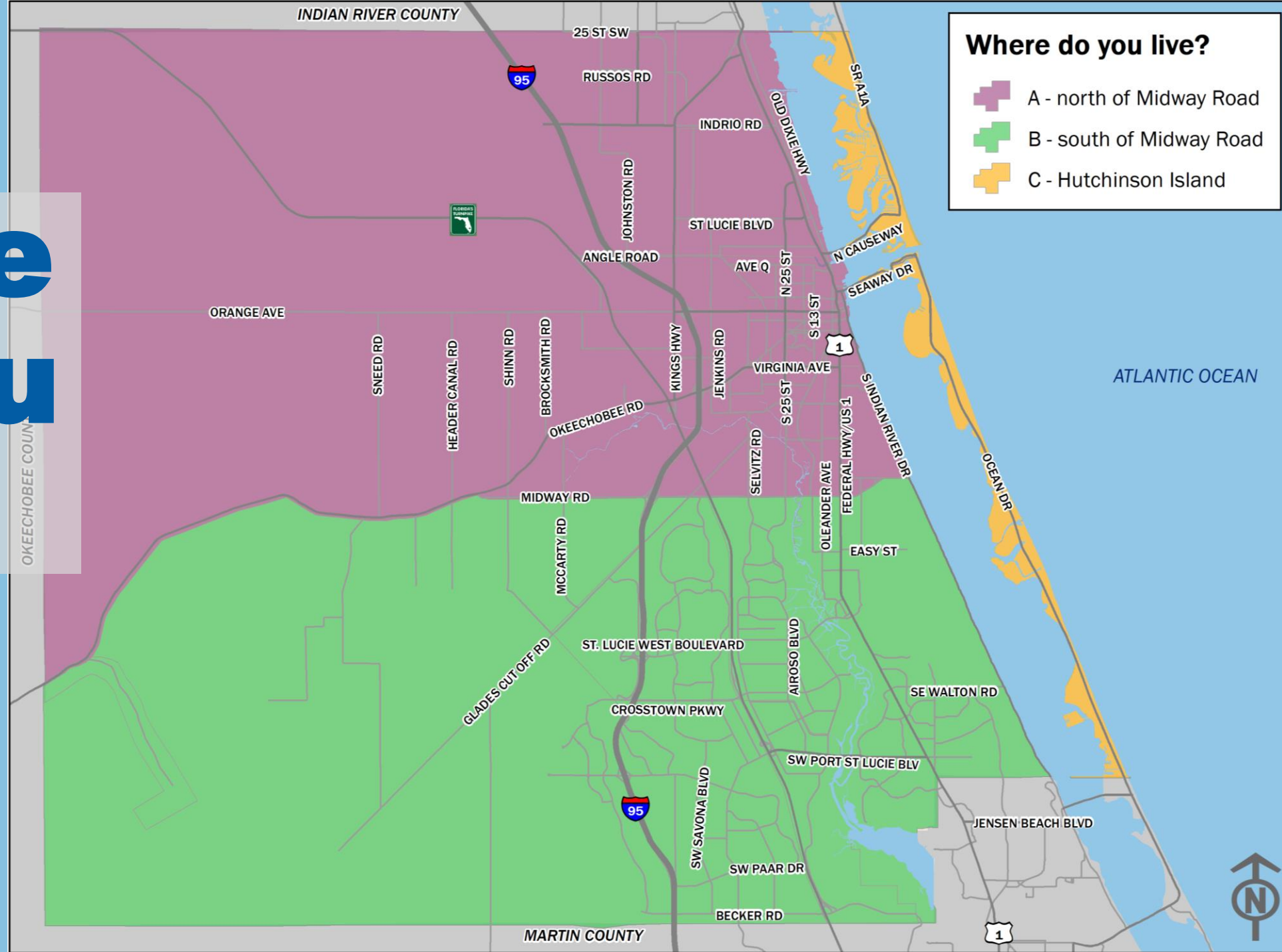


**Let's hear more
from you!**

»What's your favorite activity nowadays?

The St. Lucie TPO is committed to ensuring that its plans, programs, and activities are performed without discrimination. Please answer the following questions to help us evaluate the effectiveness of our outreach.

Where do you live?



» **Which best represents your race?**

» **Which best describes your yearly household income from all sources?**

***Household:** an individual or group of individuals living together as one economic unit regardless of relation*

***Income examples:** wages, dividends, interest, alimony, retirement accounts, welfare payments*

Agenda

- »Public Engagement
- »Goals, Objectives, and Performance Measures
- »Multimodal Needs Plan
- »Revenue Projections



Public Engagement

Public Participation Methods



HIGH-TOUCH & VIRTUAL HIGH-TOUCH

- » Focus Groups
- » Workshops
- » Regional Coordination
- » Committee Meetings



HIGH-TECH

- » Community Survey
- » Website
- » Media

St. Lucie TPO 2045 Long Range Transportation Plan Survey

The St. Lucie Transportation Planning Organization (TPO) is currently developing the 2045 Long Range Transportation Plan. Please take approximately 5 to 10 minutes to fill out the survey below, which will help the TPO to identify public priorities. Surveys are anonymous. We appreciate your input.

OK

* 1. What is your home zip code?

<http://www.stlucietpo.org>



Goals, Objectives, and Performance Measures

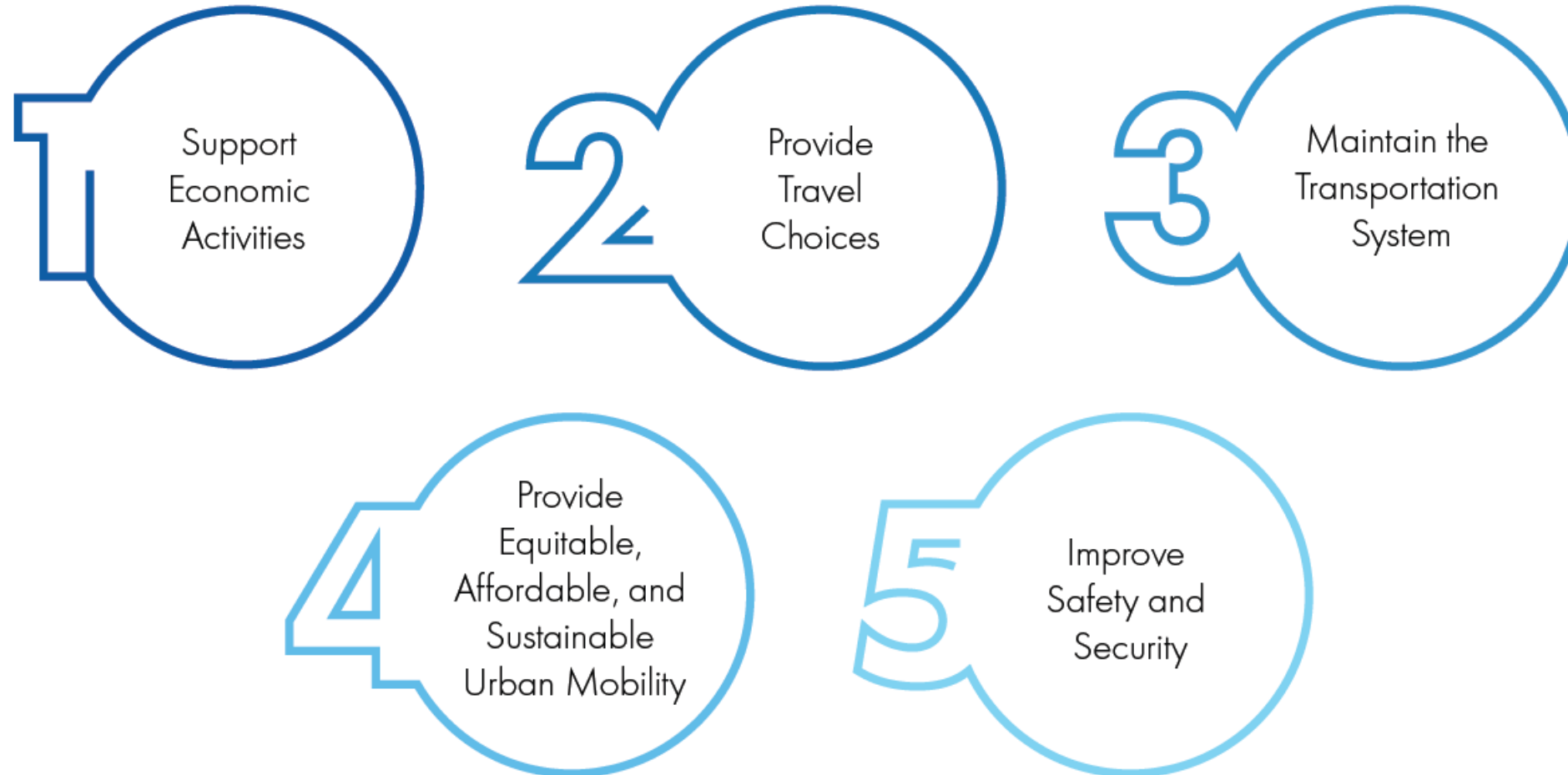
Vision

To provide the public a

SAFE AND EFFICIENT

multimodal transportation system.

Goals, Objectives, and Performance Measures



Goal 1: Support Economic Activity

Objectives

- » Enable the efficient movement of people and goods
- » Optimize the technology of the transportation system
- » Maximize the efficiency and effectiveness of the current transit system



Performance Measures

- » % of person-miles traveled on the Interstate and non-Interstate NHS that are Reliable
- » TSM&O Strategic Network Deployment
- » Ridership, Cost per passenger trip, and % of routes that serve Major Activity Centers (MACs)

Goal 2: Provide Travel Choices

Objectives

» Encourage walking, cycling, and other micromobility options

» Improve transit accessibility



Performance Measures

» % of multimodal infrastructure

» % of transit stops with sidewalk access and number of micromobility options

Goal 3: Maintain the Transportation System

Objectives

» Maintain condition of existing roadway transportation assets



Performance Measures

» % of pavements of the roadway transportation in Good and Poor Condition

» Maintain condition of existing transit assets



» % of non-revenue and revenue vehicles for equipment and rolling stock.

Goal 4: Provide Equitable, Affordable, & Sustainable Urban Mobility

Objectives

- » Support healthy living strategies and programs
- » Ensure community participation is representative
- » Provide for transportation needs of transportation disadvantaged
- » Make transportation investments that minimize impacts
- » Improve transportation system's stability/resiliency

Performance Measures

- » Multimodal Modal Share
- » Opportunities for engagement in traditionally underserved areas
- » % of low-income, older adults, persons with disabilities
- » # of lane miles of impacting environmentally-sensitive areas
- » % of lane miles subject to climate change impacts

Goal 5: Improve Safety & Security

Objectives

- » Improve safety and security in the Highway System
- » Improve safety and security in the Transit System
- » Improve safety and security in the Non-Motorized System



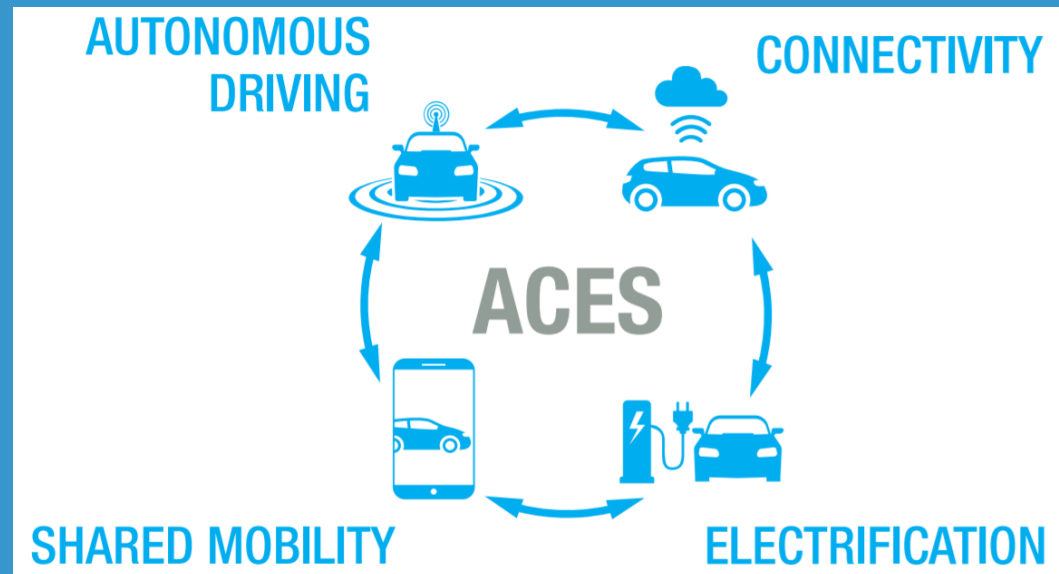
Performance Measures

- » Number of fatalities and serious injuries
- » Total number of reportable fatalities and injuries
- » Number of non-motorized fatalities and serious injuries



Multimodal Needs Plan

- » Focuses on all modes such as pedestrians, bicyclists, transit riders, and motorists
- » Incorporates technology through the ACES concept



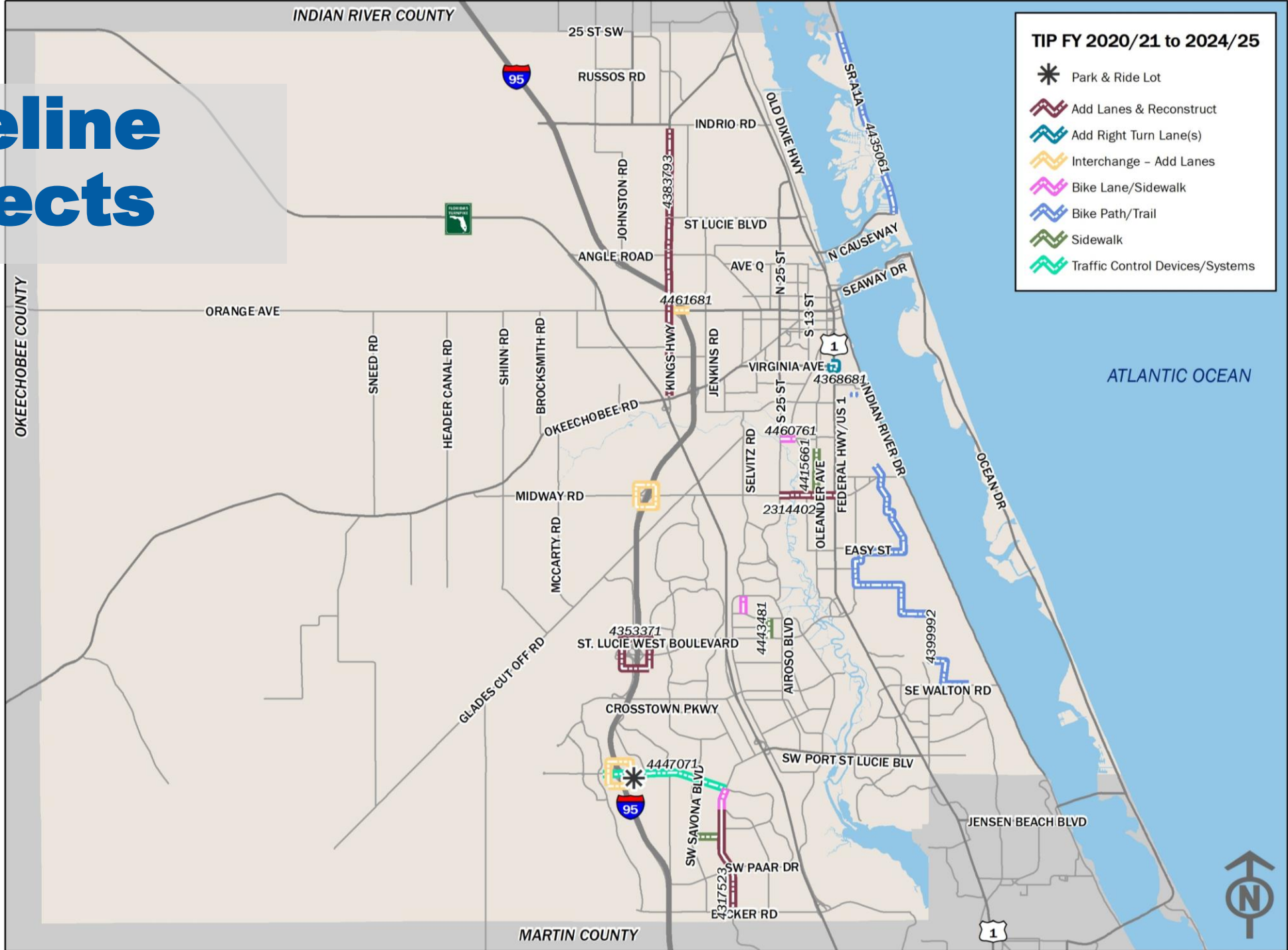
Let's hear from you!

- » How do you get around most often?
- » If there were more sidewalks and bike lanes, would you walk or bike more often?
- » If there were more bus routes closer to where you live, would you ride more often?

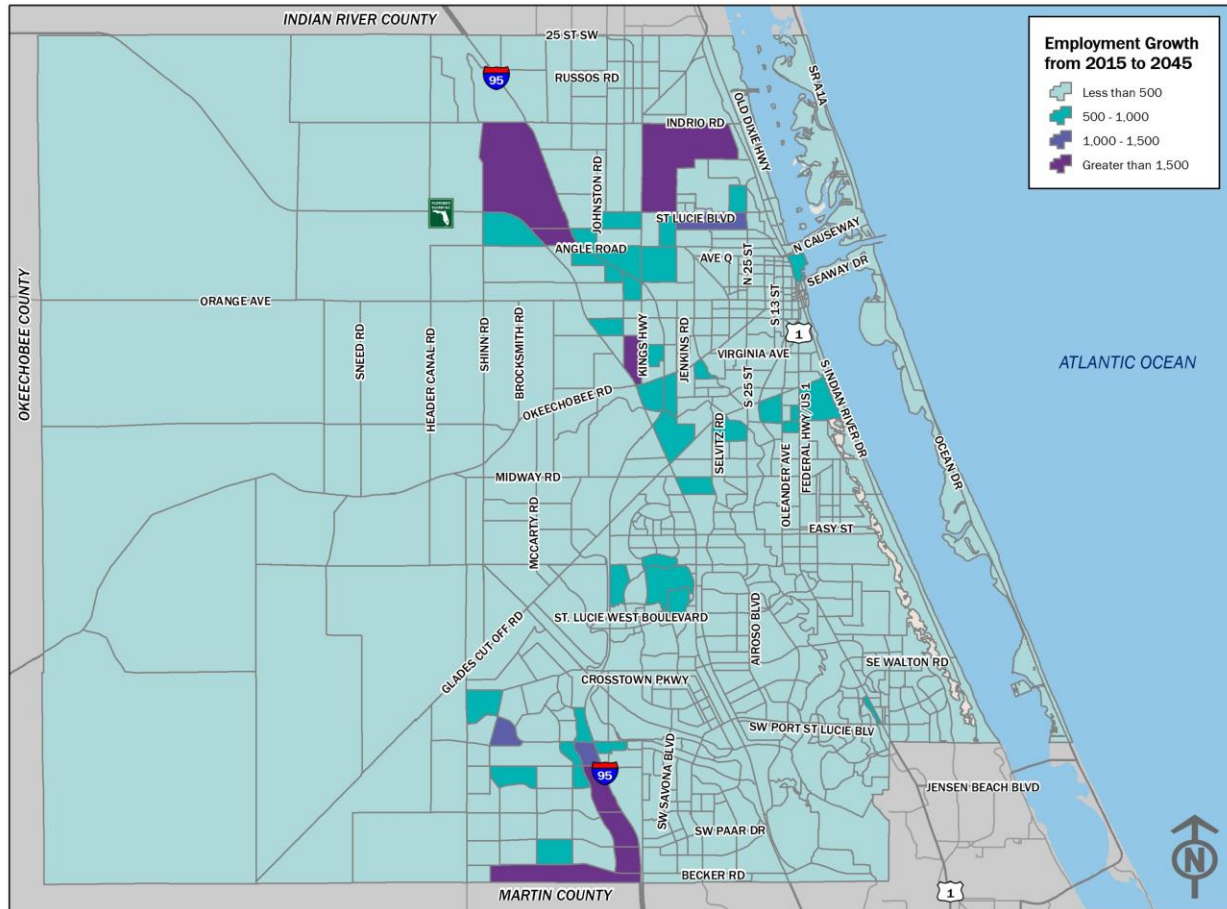
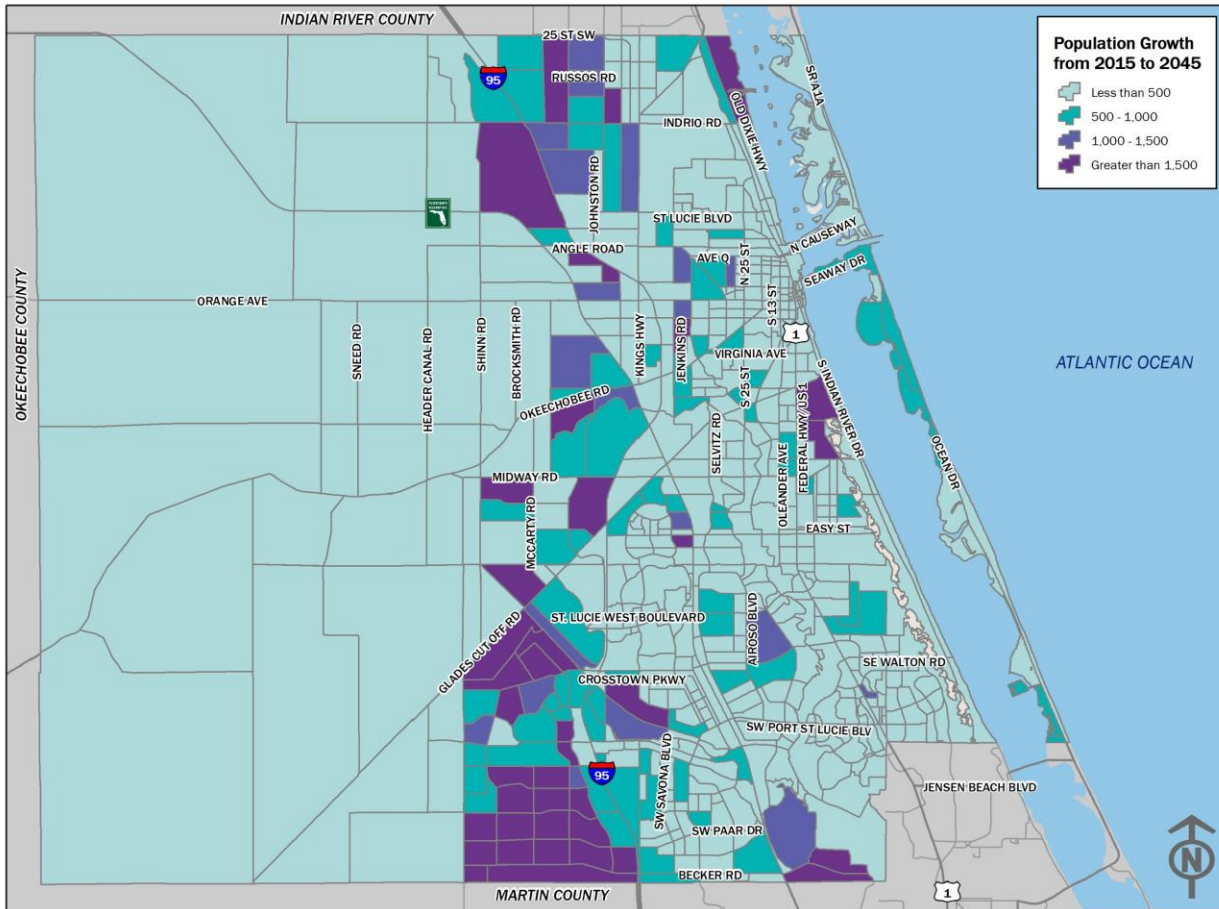
Baseline Projects

- » The first five years of *SmartMoves 2045* is known as the Transportation Improvement Program (TIP).
- » The TIP Fiscal Year (FY) 2020/21 to 2024/25 serves as the baseline for *SmartMoves 2045*.

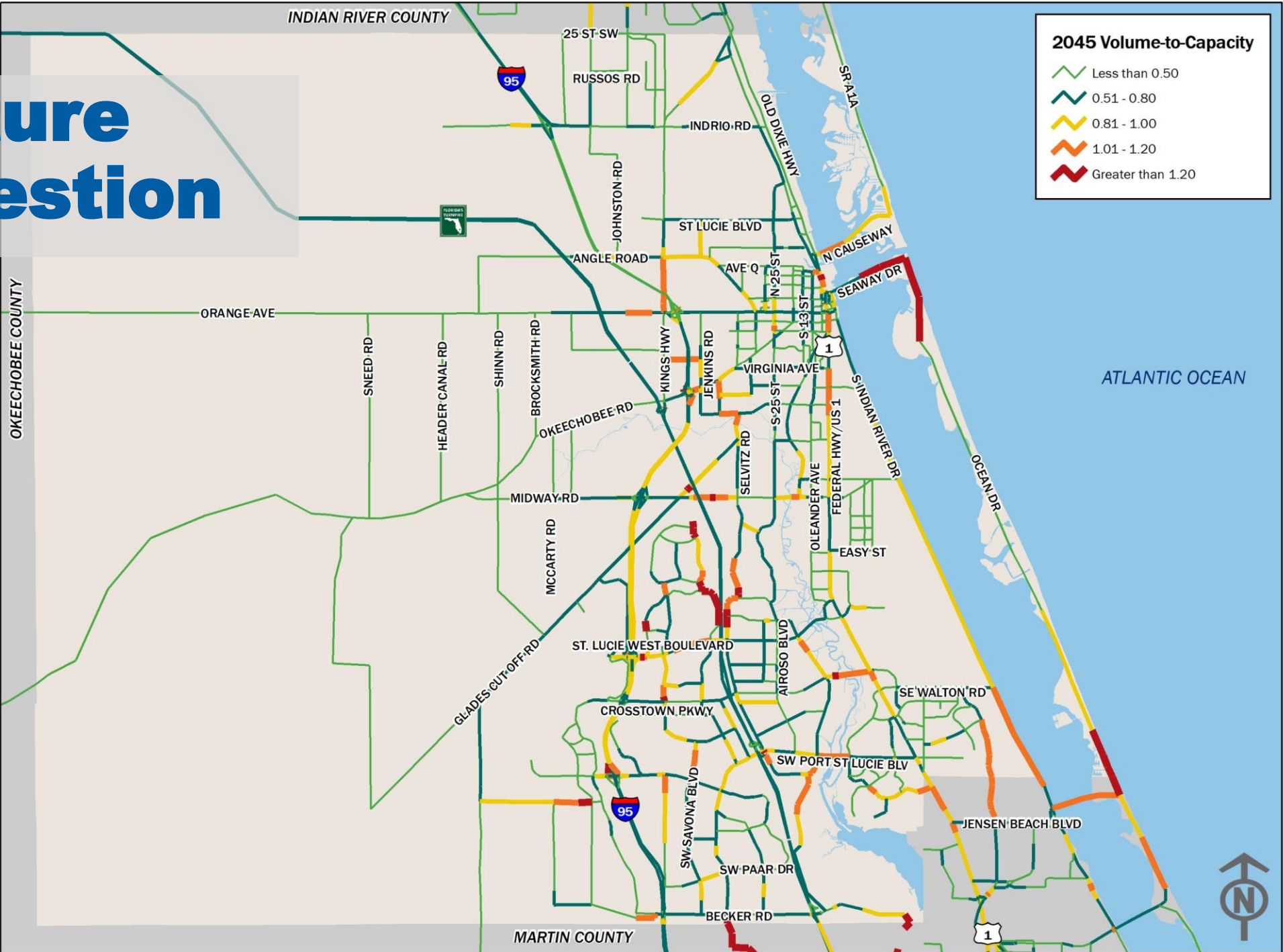
Baseline Projects



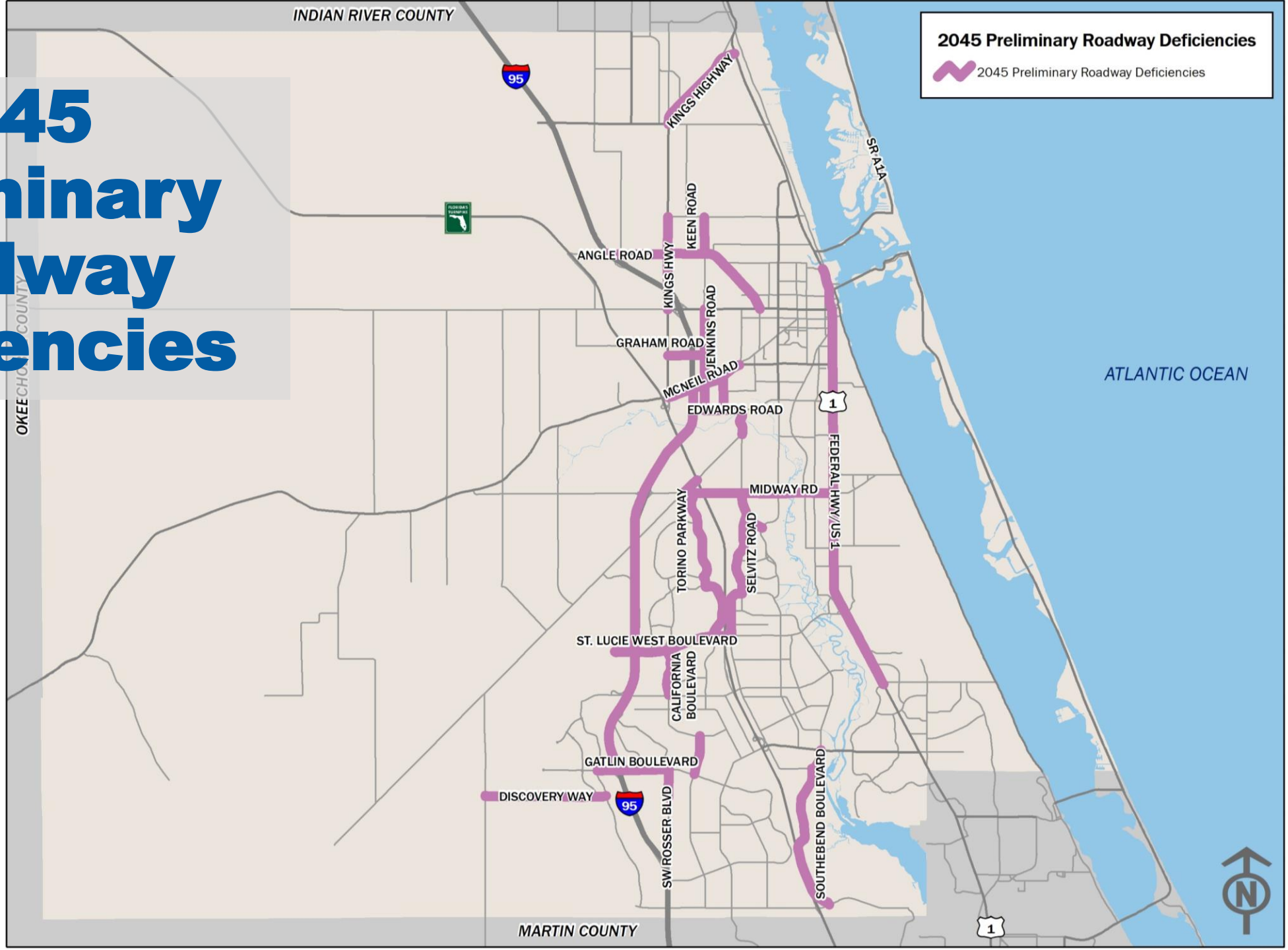
Growth Forecast



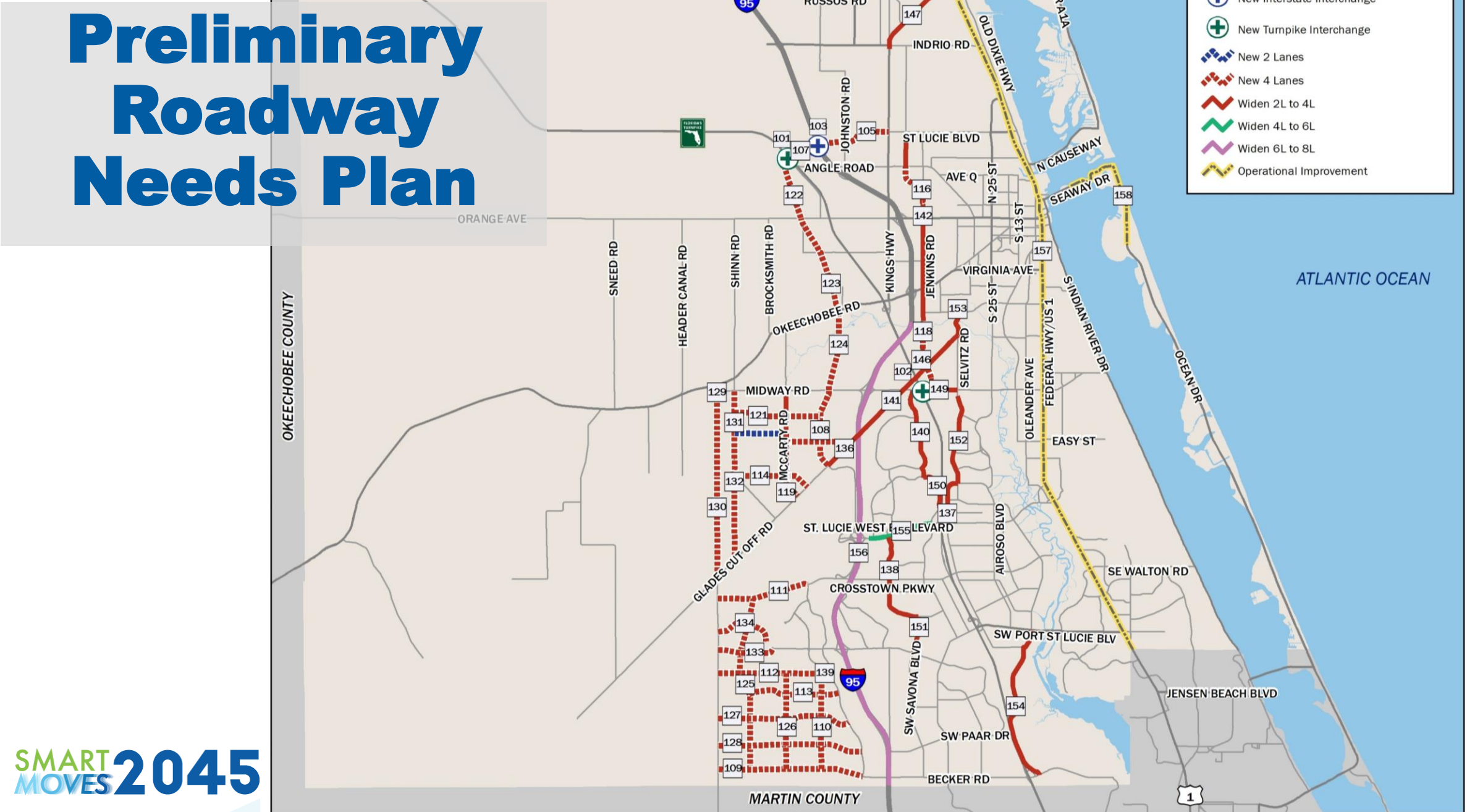
Future Congestion



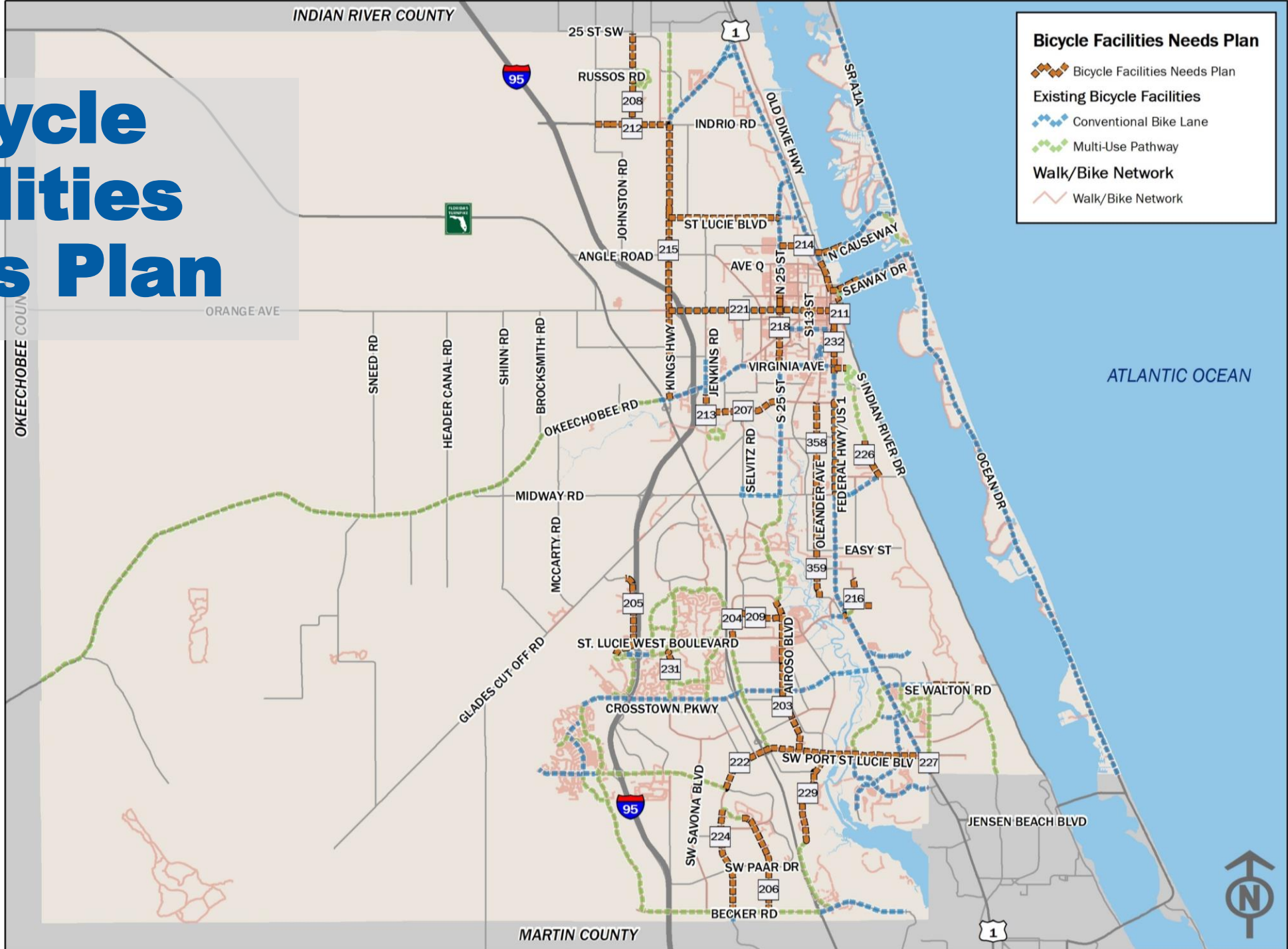
2045 Preliminary Roadway Deficiencies



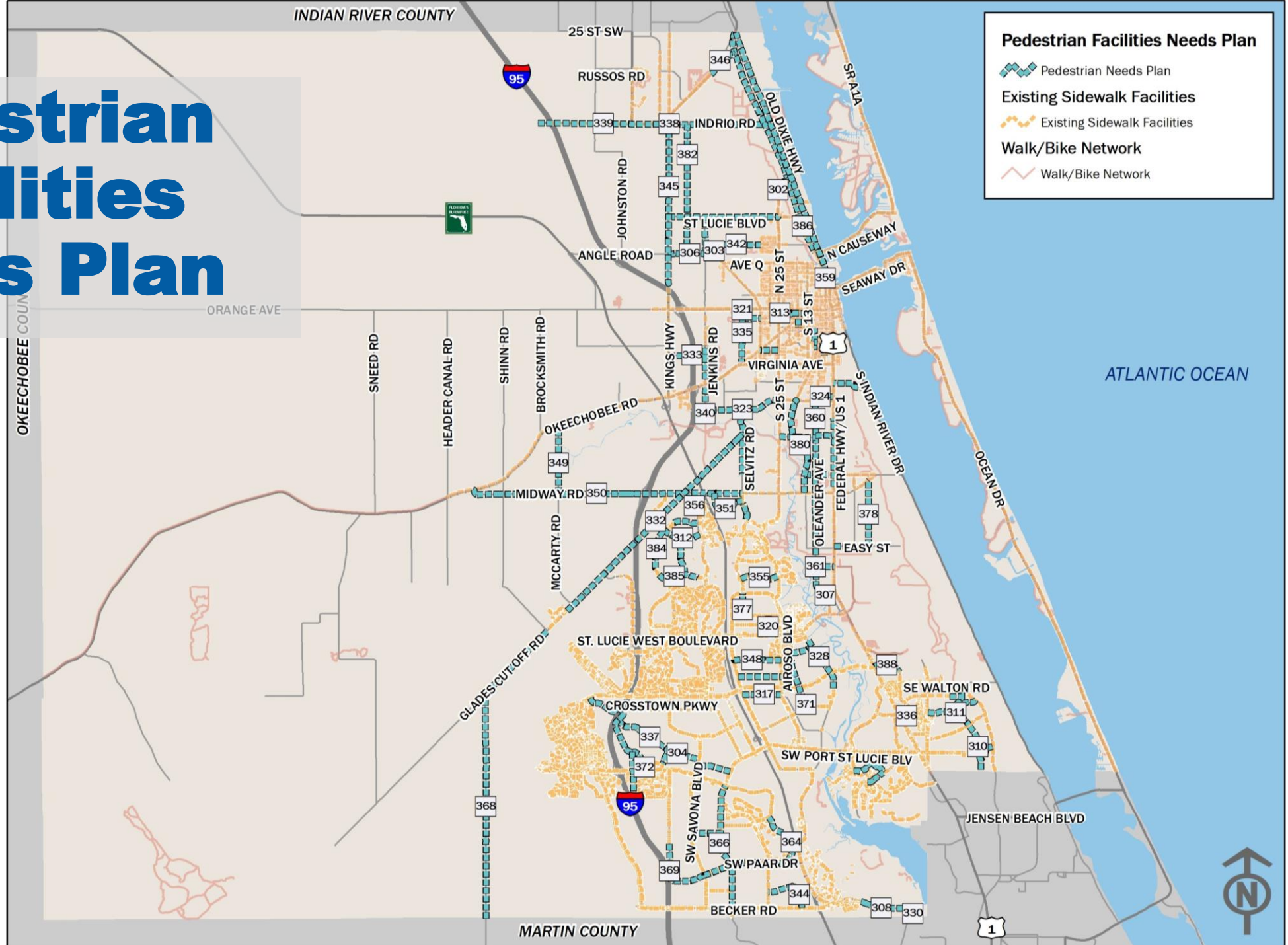
Preliminary Roadway Needs Plan



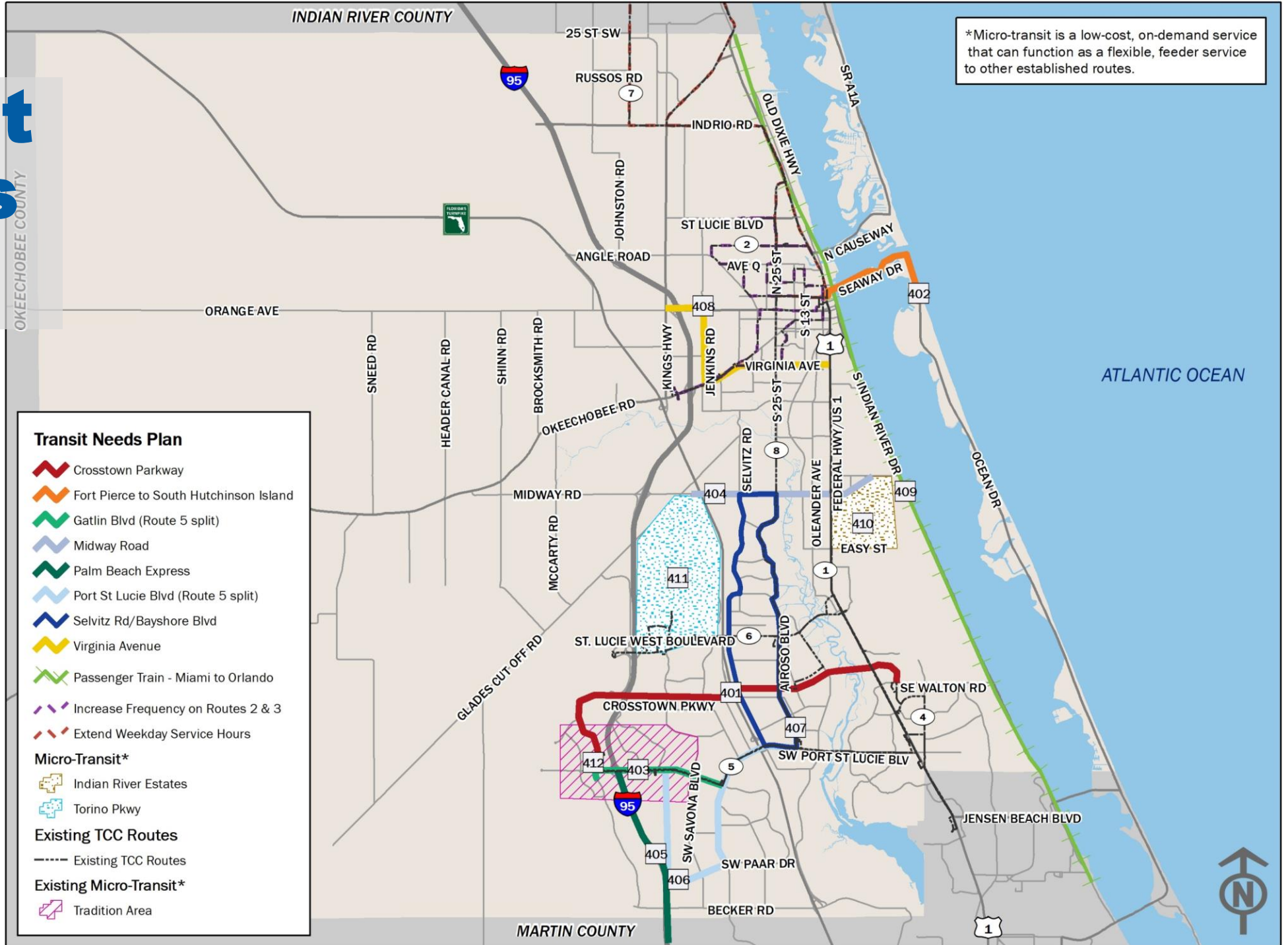
Bicycle Facilities Needs Plan



Pedestrian Facilities Needs Plan



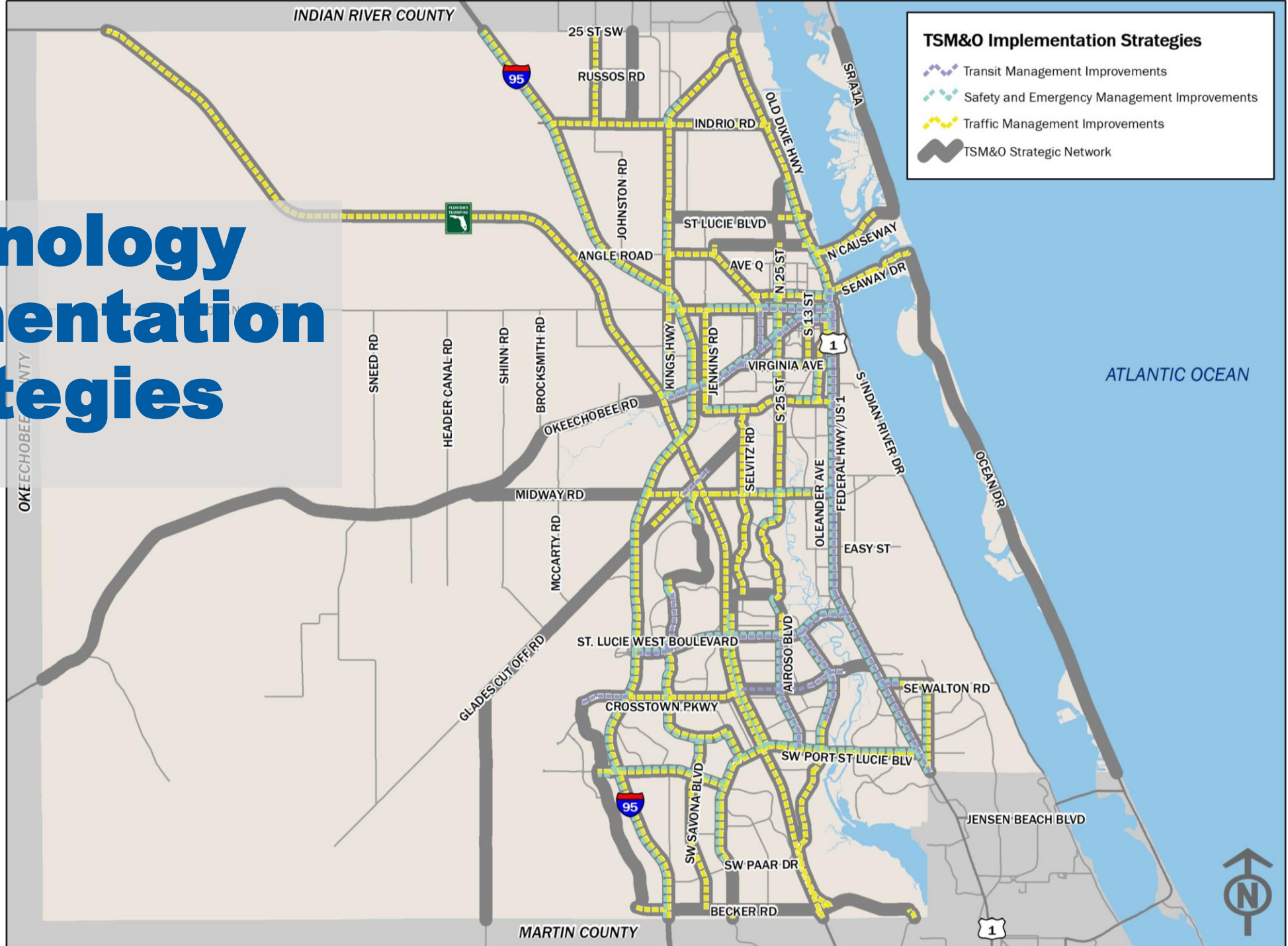
Transit Needs Plan



Technology Implementation

- » Operating/managing the transportation network with technology strategies to optimize performance outcomes.
- » FDOT's Transportation Systems Management and Operations (TSM&O) Master Plan
- » Recommendations
 - » Enhance the St. Lucie County and City of Fort Pierce communication systems similar to the existing City of Port St. Lucie system.
 - » Single operations center.
 - » Implement additional strategies such as traffic management, transit management, and safety and emergency management.

Technology Implementation Strategies





Revenue Projections

- » Provides an overview of how transportation investment will be funded
- » Lays the framework in prioritizing the Multimodal Needs Plan to develop a Cost Feasible Plan
- » Gives a snapshot in time of the current revenue picture and anticipated trends

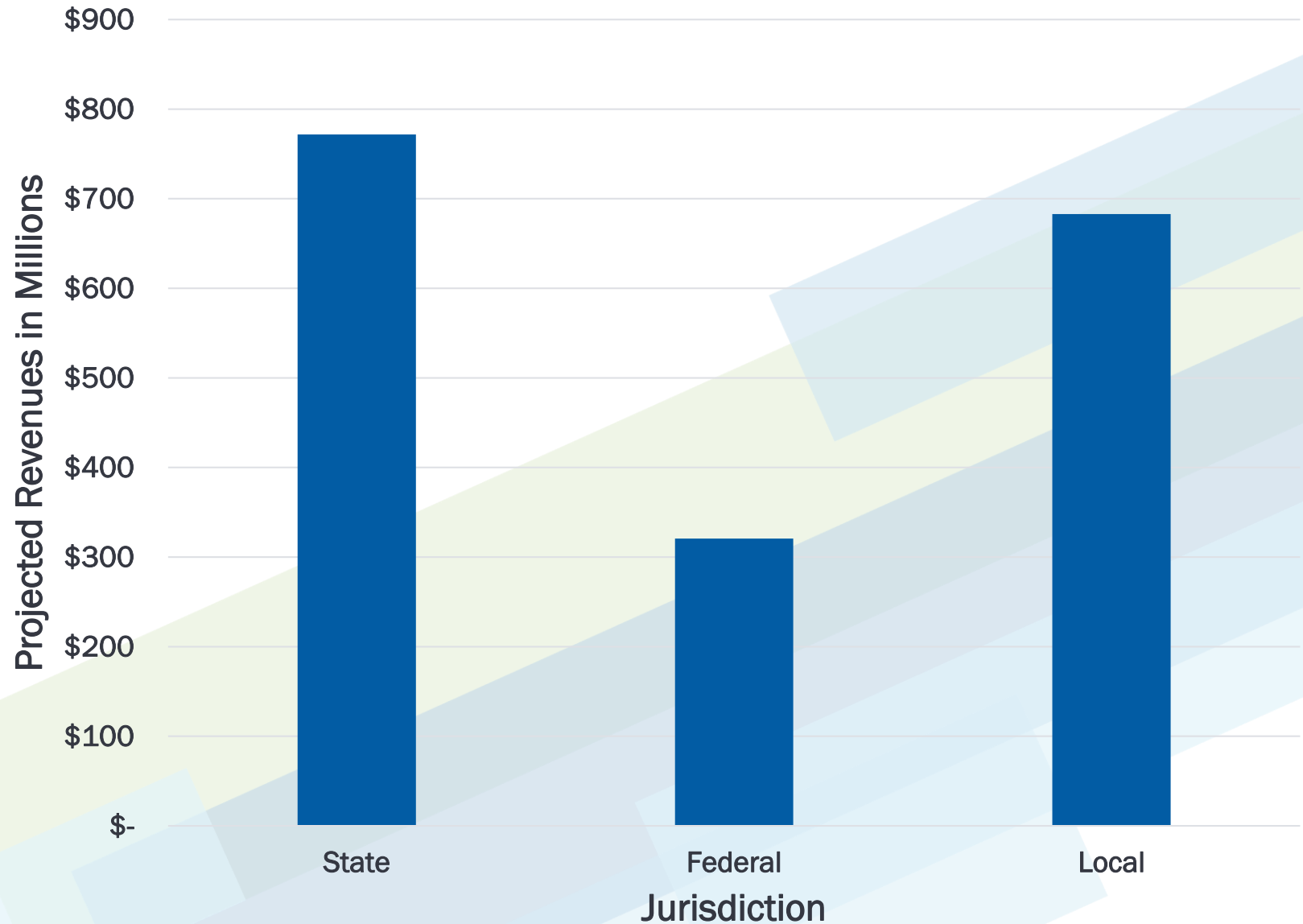
Let's hear from you!

- » Which of the following transportation funding sources would you be most likely to support?
 - » Increase Gas Tax
 - » Increase Sales Tax
 - » Increase Vehicle Registration Fees
 - » Increase Property Tax
 - » Increase Tolls

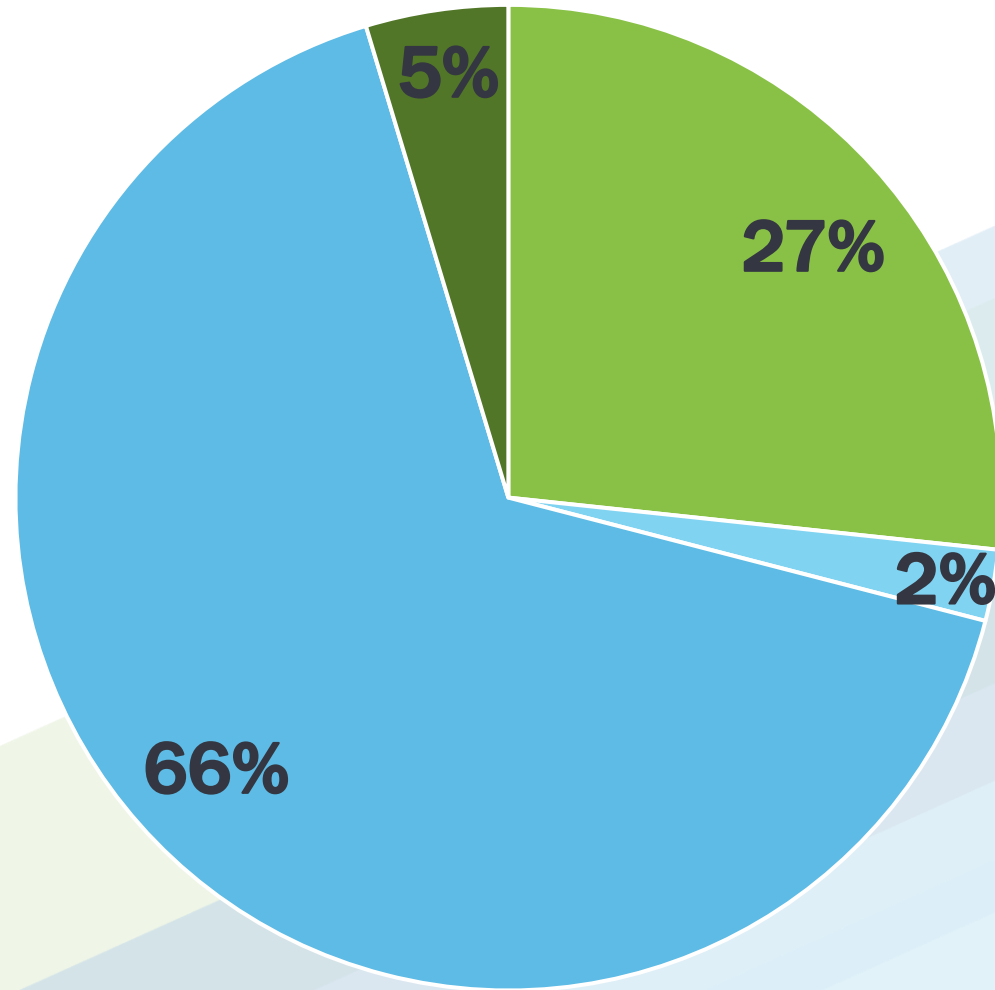
Time Bands

Funding Document	TIP	SMARTMoves 2045 Cost Feasible Plan		
Time Band	(Present) 2021-2025	2026 – 2030	2031 – 2035	2036 – 2045

Projected Revenues, 2021 to 2045 in Millions (Year of Expenditure)



Projected State Funds, 2021 to 2045



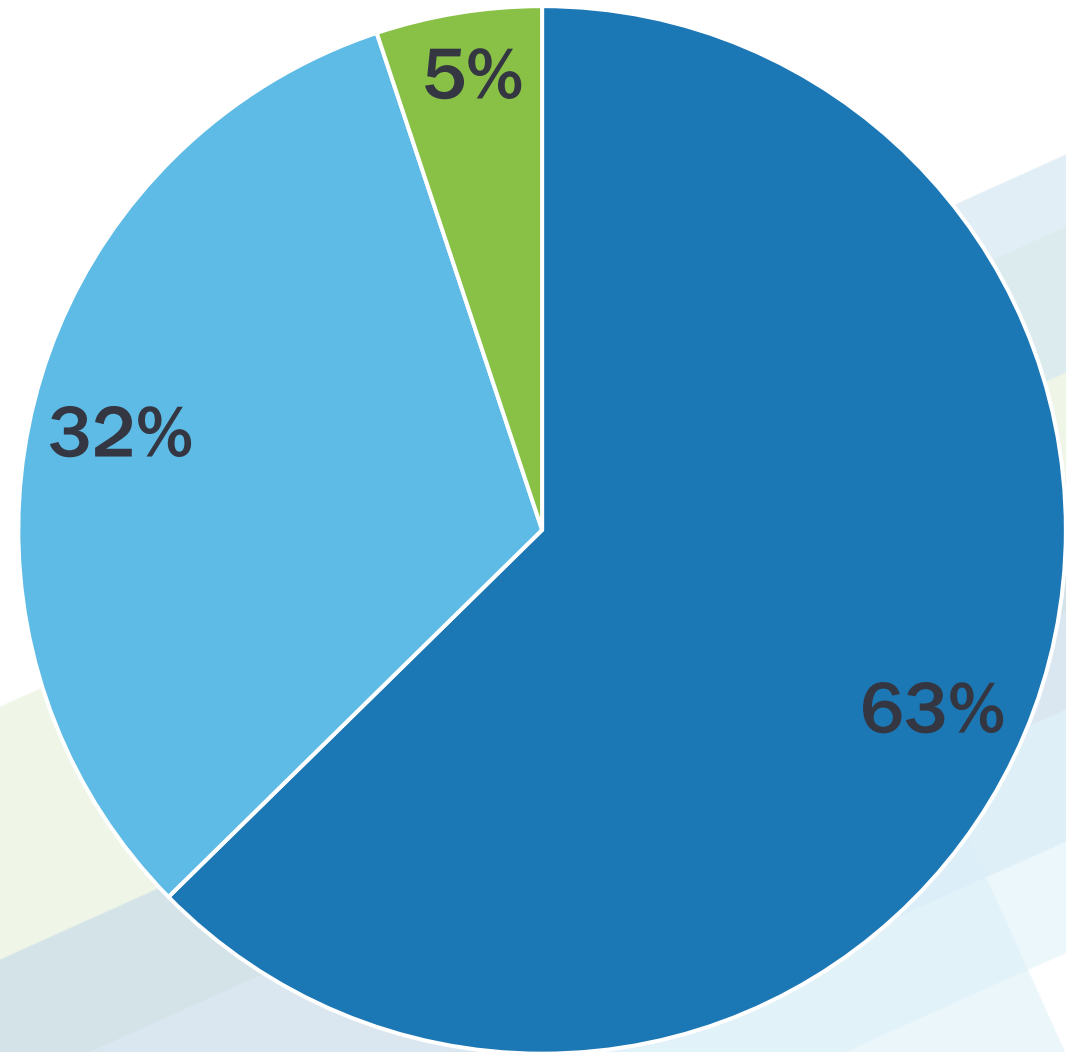
Other Roads Construction & ROW: 10% of the Other Roads Construction & ROW can be used for off-system roads.

- Strategic Intermodal System (SIS)
- Florida's Turnpike Enterprise
- Other Roads, Construction & ROW
- Transit (Block Grant)

Projected Federal Funds, 2021 to 2045

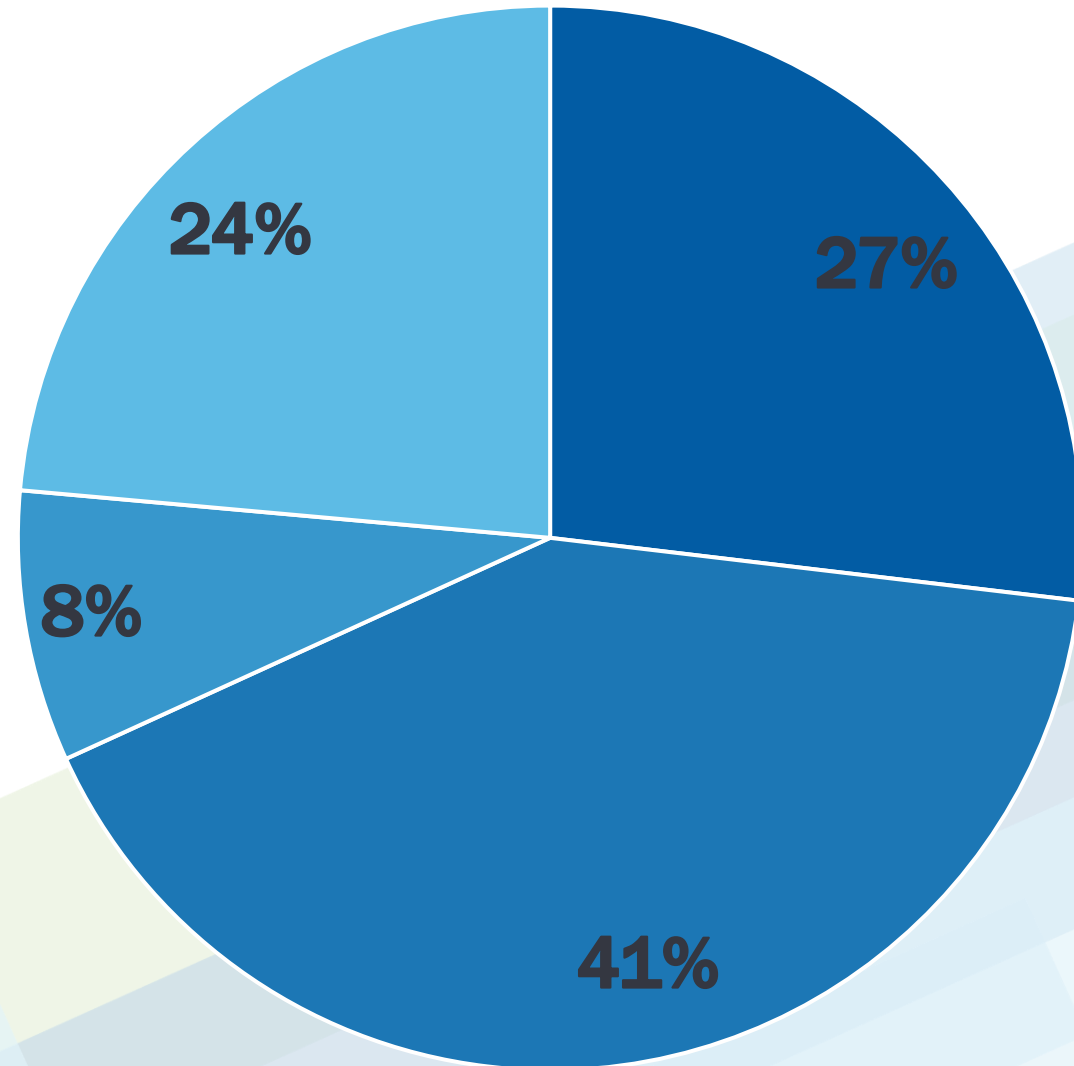
Transportation Management Area (TMA): Based on 68% share of the total TMA revenue projection for the St. Lucie Metropolitan Area.

Transportation Alternatives: TALU estimate based on 68% share of the total revenue projection for the St. Lucie Metropolitan Area. TALT estimates are not available at the county level.



- Transit (Section 5307, 5310, 5311, 5339)
- Transportation Management Area (TMA) funds
- Transportation Alternatives funds (TALU+TALT)

Projected Local Funds, 2021 to 2045



- Transportation Impact Fees (TIF)
- Fuel Taxes
- Infrastructure Half-Cent Sales Tax
- Transit (MSTU, Farebox)

Alternative and Innovative Transportation Funding Sources

- » Variety of alternative funding options can be pursued
 - » Federal and State Grant Programs
 - » Local Funding Alternatives
 - » Value Capture Districts

Next Steps

- » Develop the Transportation Alternatives Development and *SmartMoves 2045* Cost Feasible Plan, which is fiscally constrained
- » Transportation Alternatives Development Virtual Workshops

#2

Thursday, August 27th
4:00 PM – 6:00 PM

#3

Tuesday, September 1st
6:00 PM – 8:00 PM

Contact us!

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*Persons wishing to express their concerns
about nondiscrimination should contact
Marceia Lathou, the Title VI/ADA
Coordinator of the St. Lucie TPO, at
772-462-1593 or via email at
lathoum@stlucieco.org.*



**Please send your
questions through
the chat!**