

Real Estate Investment Society

August 9, 2022



Today's Presentation



Background on the
Lee MPO



Issues Impacting
Transportation
Infrastructure Needs



Overview of Existing
and Planned Projects



Current Challenges



Local Emerging
Technology Projects

What is the Lee MPO?

- Formed in 1977 based on a population of 50,000 or more in an urbanized area as a condition of receiving federal funds under the Federal Aid Highway Act of 1962
- Transportation Policy Making Board that includes elected representatives (18) from the local jurisdictions and the County Commission
- Provide local elected officials input into the planning and implementation of federal and state transportation funds

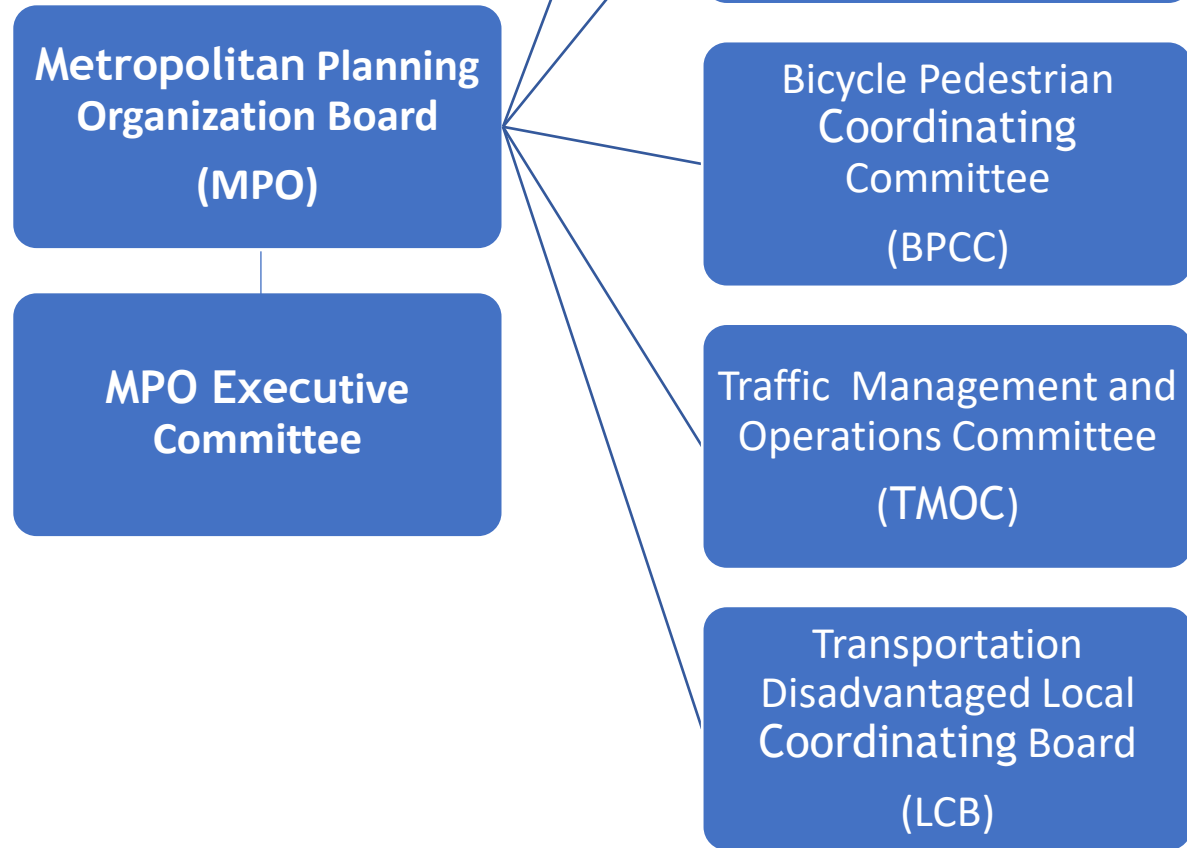
Major Responsibilities

The Long Range Transportation Plan (LRTP) Every Five Years

The Federal and State Funded Project Priorities Each Year

The Five Year Transportation Improvement Program (TIP)
Each Year in June

MPO Committees

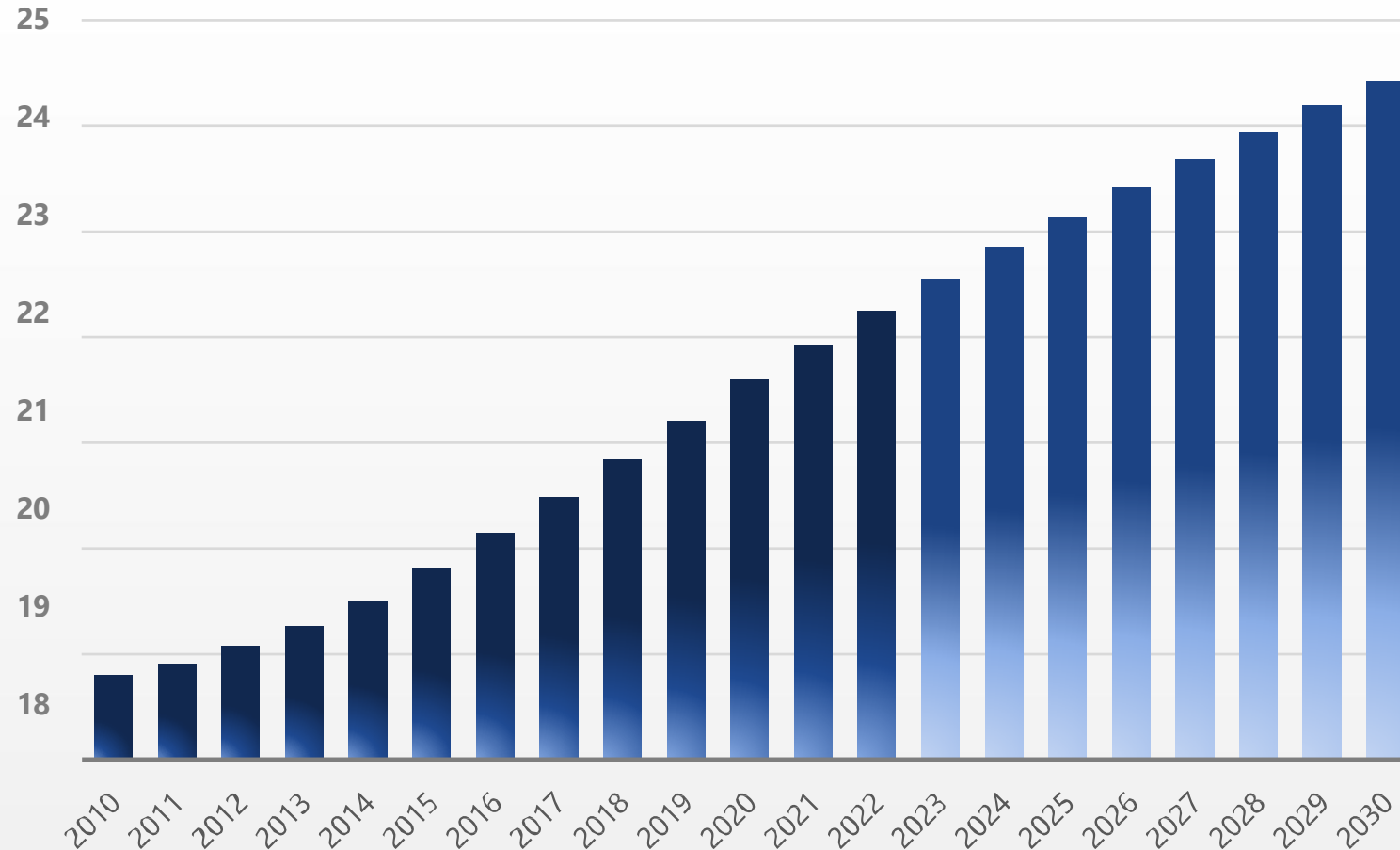


Florida's Population Trend



MILLIONS

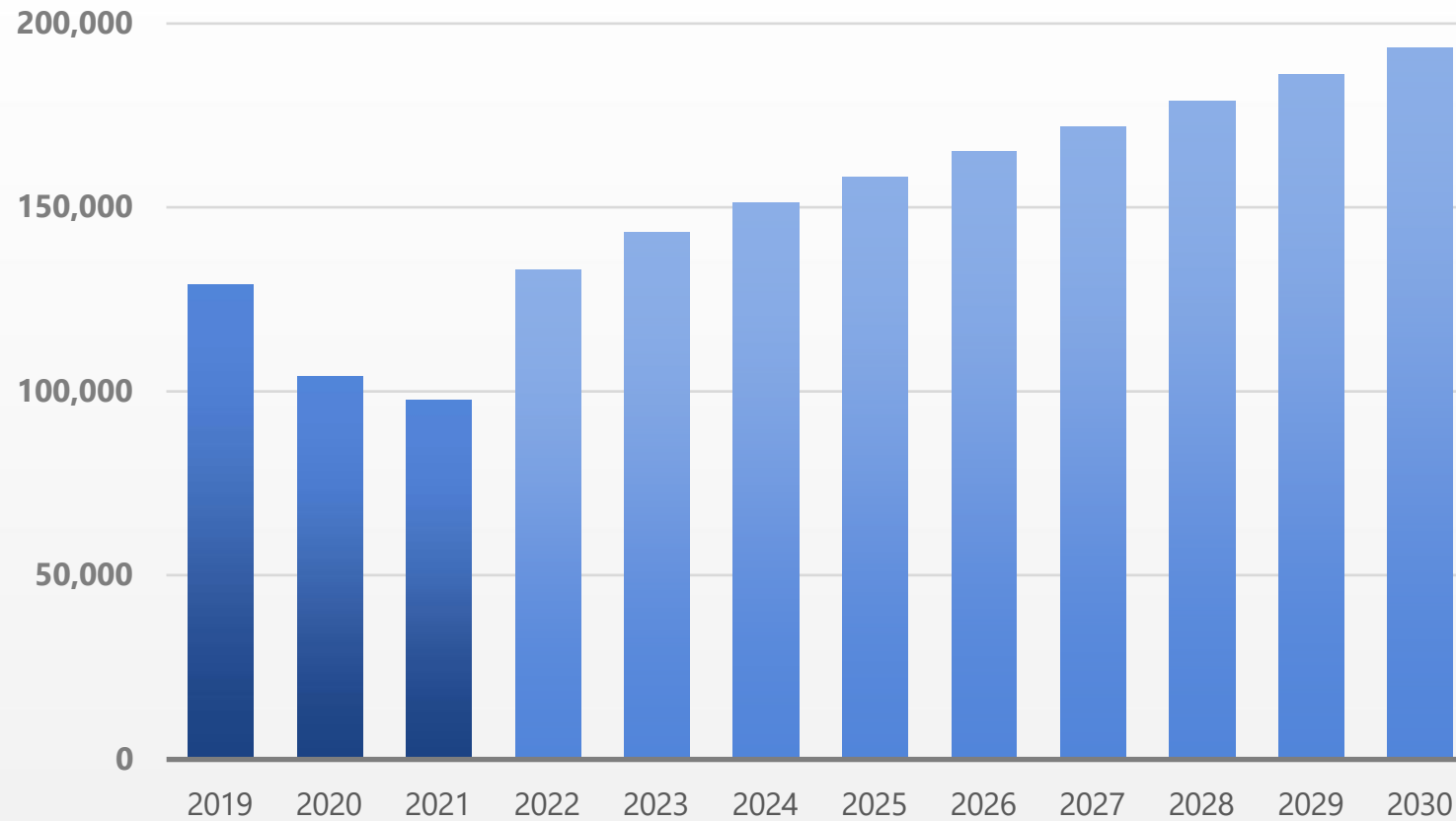
FORECAST



Visitors to Florida

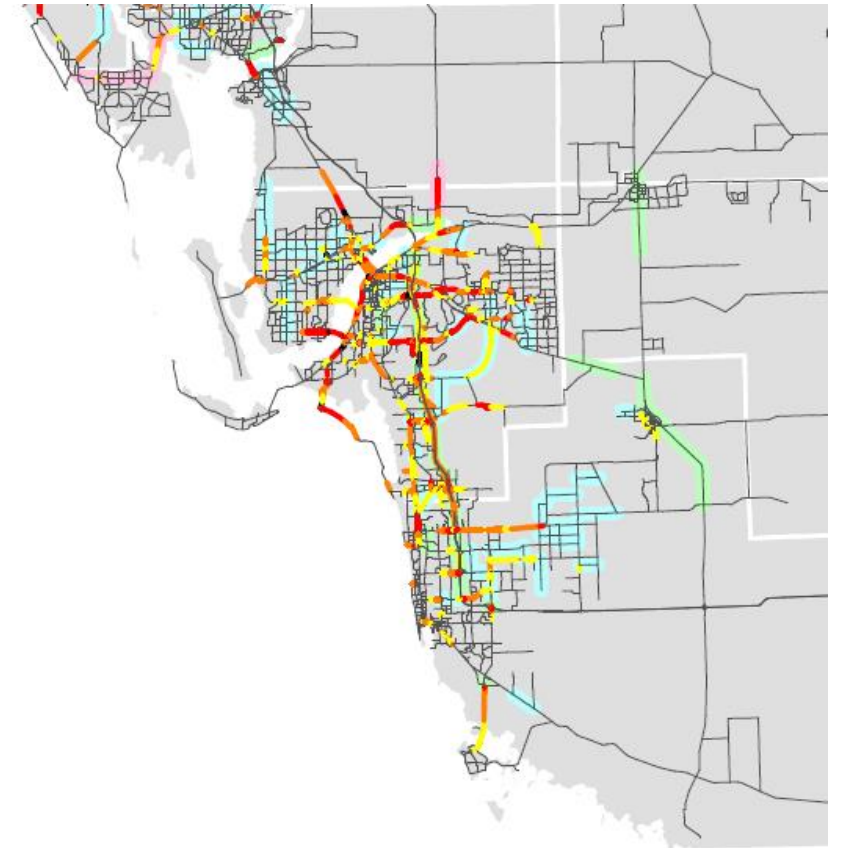


VISITORS



Travel Stats Impacting Travel

- Review of current I-75 daily continuous count data in the area indicates about a 6-8% increase in traffic over historical counts
- Average commute time in Lee is 27.5 minutes (Florida is 28.4 min.)
- In Lee, 78% drive alone and vehicle occupancy is 1.48 (state is 1.63)
- In 2019 VMT in Lee County increased 2.0%, up 25% over last ten years
- Daily truck miles traveled are up about 7%
- 4,687,500 visitors in FY 2021
- RSW served 10.3 million passengers in 2021, up 1% over previous high in 2019 and in 2022 up 17.6% over 2021 YTD



Population Projections

Lee:

2021 – 782,579

2045 – 1,155,000

2070 – 1,446,000 (FDOT Est.)

Region (Lee, Collier, Charlotte & Hendry):

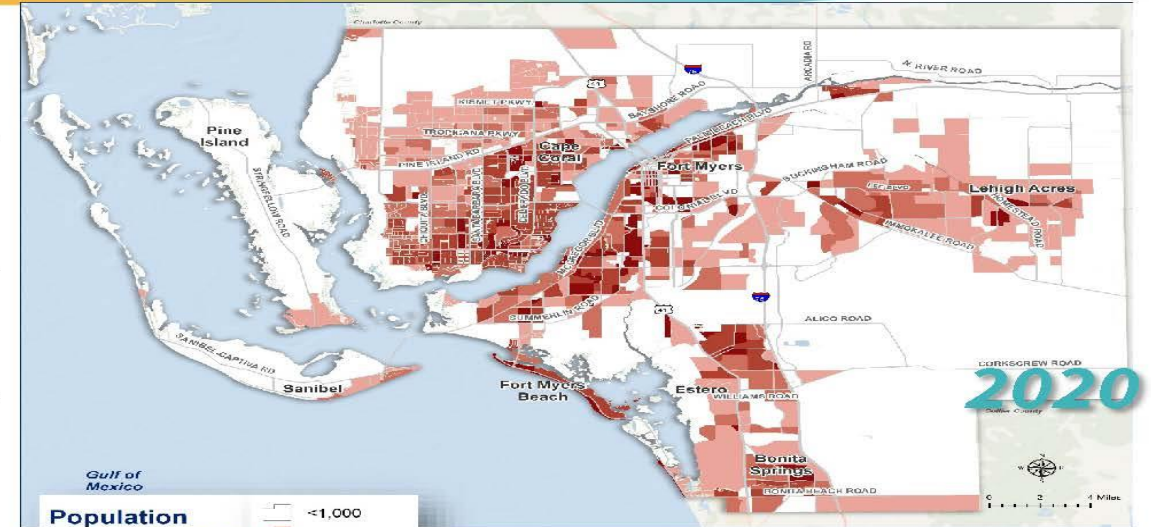
2021 – 1,396,289

2045 - 1,985,700

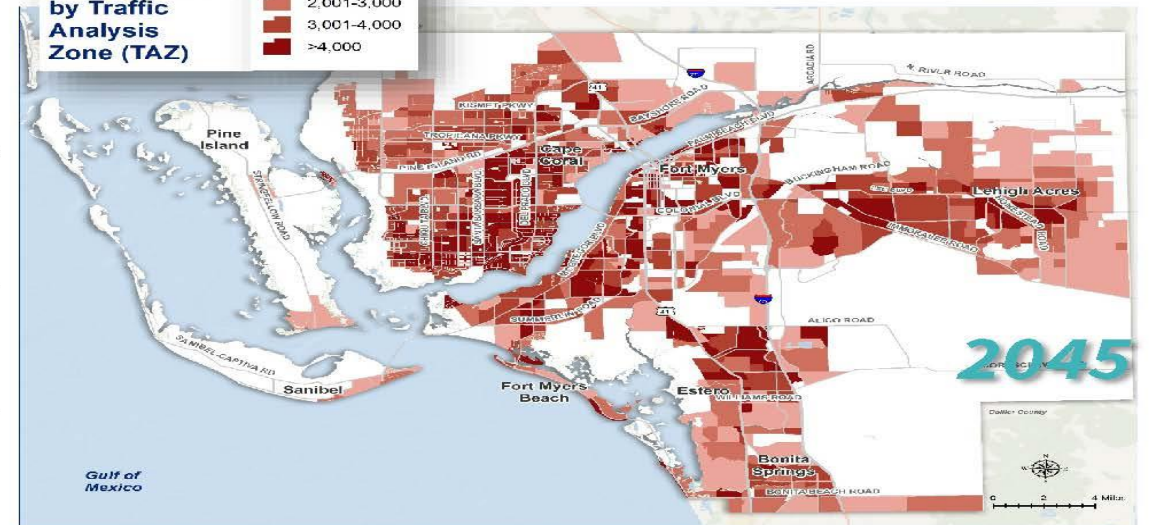
2070 – 2,488,000 (FDOT Est.)



Map 2-1: 2020 Population Density



Map 2-2: 2045 Population Density



2045 Transportation Plan



Employment Projections

Lee:

2021 – 259,569

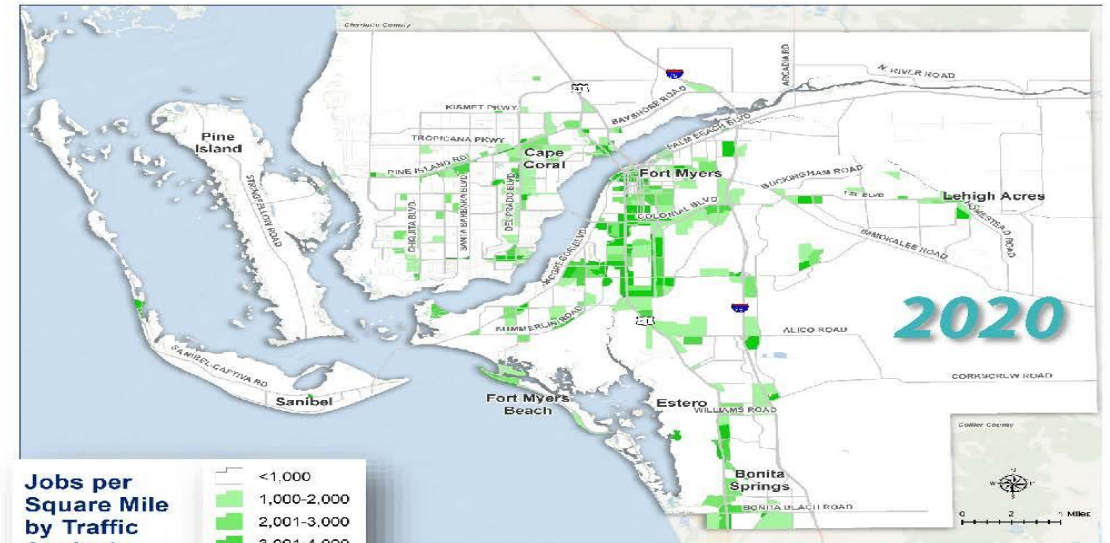
2045 – 435,910

Region (Lee, Collier, Charlotte & Hendry):

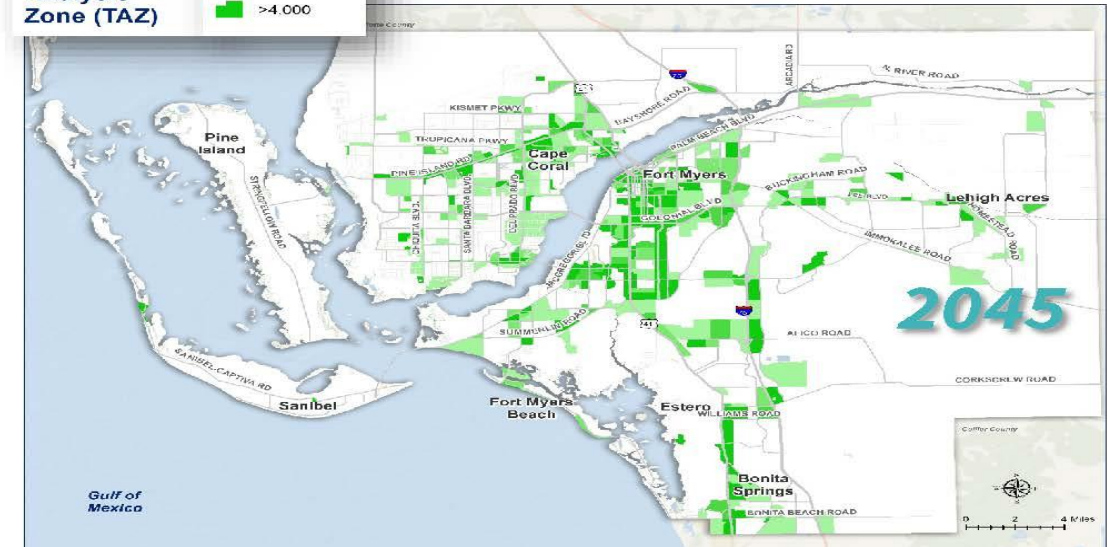
2021 – 471,480

2045 - 747,294

Map 2-3: 2020 Employment Density



Map 2-4: 2045 Employment Density



2045 Transportation Plan



Major Roadway Projects Underway In Lee County

Under Construction:

- I-75 at Colonial CFI/DDI/Super Street – Completion Mid-2024
- US 41 Winkler to SR 82 utilities/signals/lighting/resurfacing – Completion Summer 2023
- Corkscrew Road from Ben Hill to Bella Terra 2 to 6/4 lanes – Completion late 2023
- Burnt Store Rd from SR 78 to Tropicana 2 to 4 lanes – Completion late Fall 2022
- Conversion of First and Second Streets to two traffic – Summer 2022



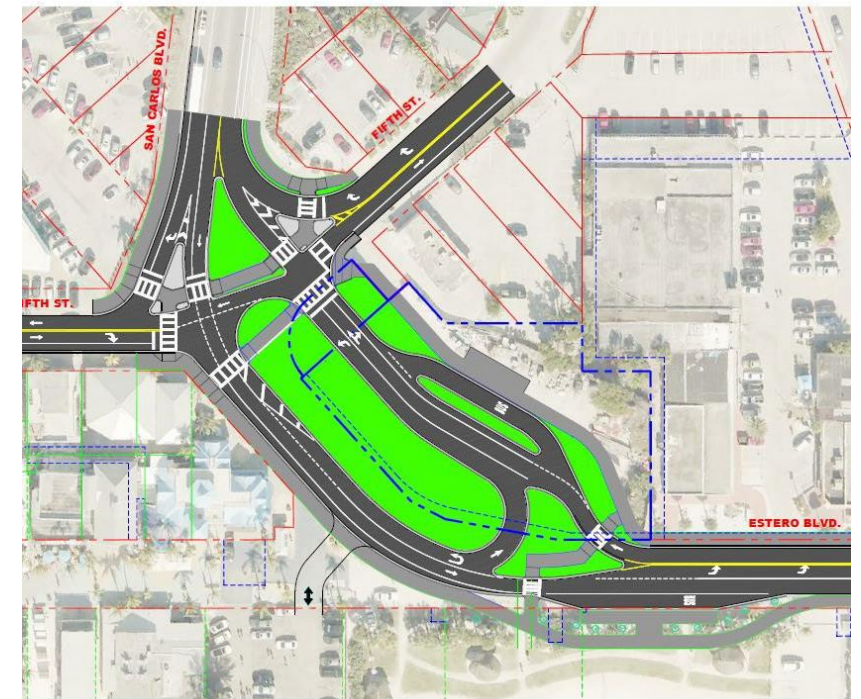
Roadway Projects Next Five Years in Lee County

- SR 31 from N. River Rd. to N. of the Charlotte Co/L. - 2 to 4 lanes
- Big Carlos Bridge Replacement
- I-75 and Daniels Parkway Interchange Improvements
- Ortiz from Colonial to SR 82 - 2 to 4 lanes
- Kismet/Littleton from W. of Corbett to US 41 – 2 to 3 lanes
- Three Oaks Ext. from N. of Alico to Daniels Pkwy. - New 4 lanes



Roadway Projects Next Five Years (Cont.)

- San Carlos from Estero to Summerlin Improvements
- Edison Ave from Arcadia to Ortiz - New 2 lanes
- Challenger Rd Ext, from Colonial to Winkler - New 2 lanes
- Williams Road from US 41 to Via Coconut - 2 to 4 lanes
- Ortiz Ave. from SR 82 to Lockett Road/Lockett to I-75 – 2 to 4 lanes

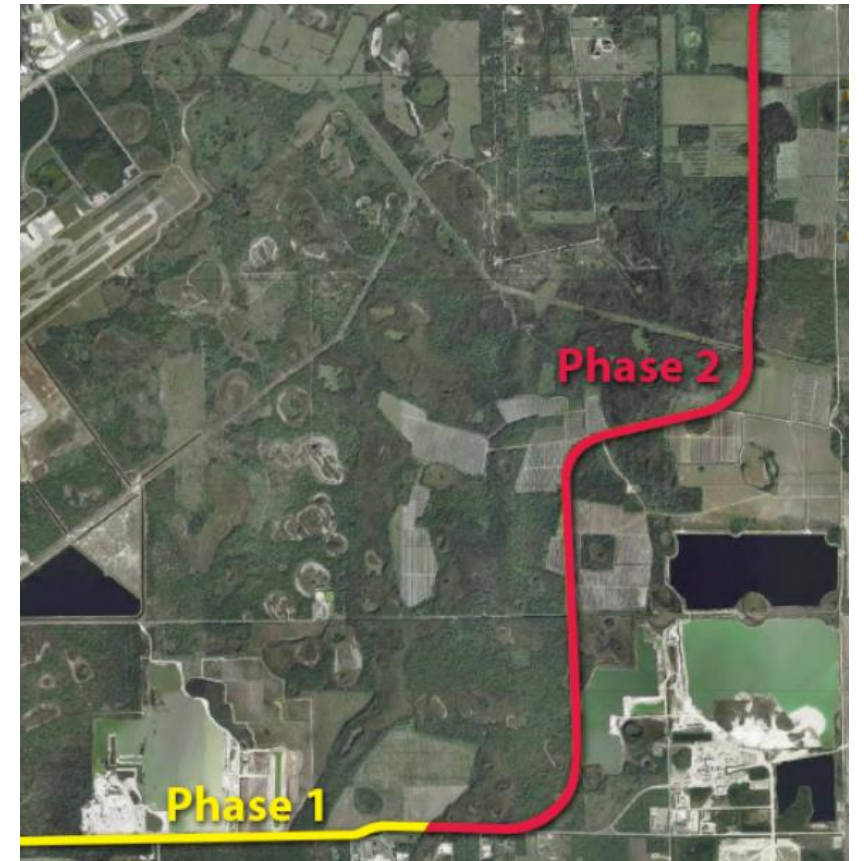


Department of Transportation
Lee County
Southwest Florida

SEAFARERS ALTERNATIVE

Projects within the next 5 to 10 years

- Cape Coral Parkway Bridge Replacement/4 to 6 lanes
- Alico Rd. Connector from Alico to SR 82 - New 4 lanes
- Ortiz Avenue from Dr. Martin Luther King to Lockett/I-75 – 2 to 4 lanes
- Metro Pkwy. from S. of Daniels to Winkler - 4 to 6 lanes/CFI's



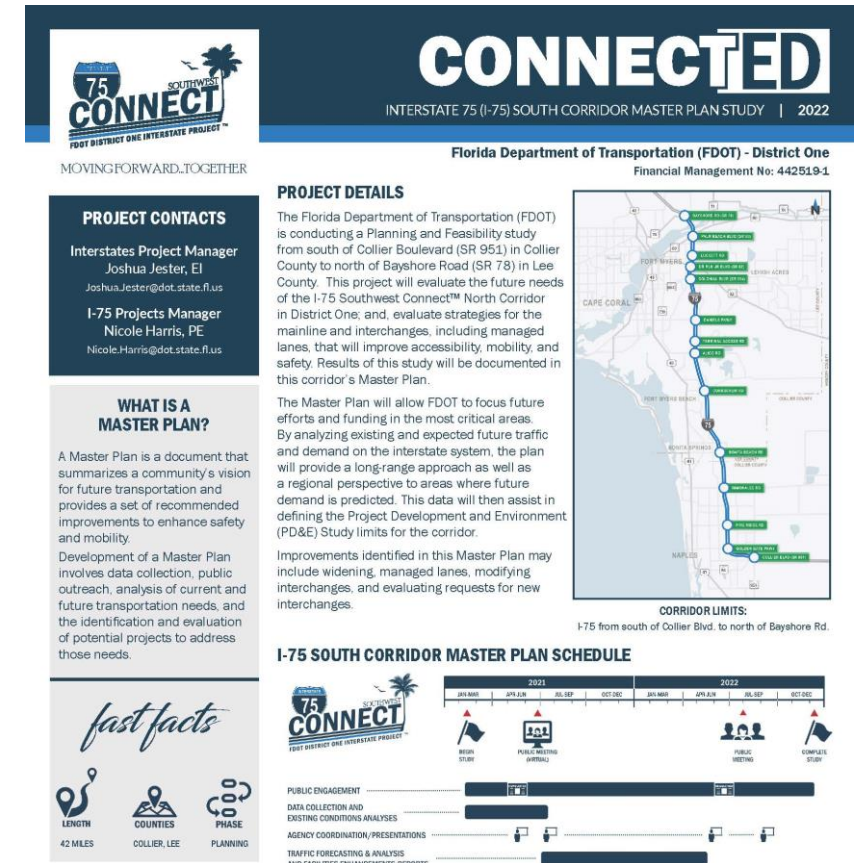
Current PD&E and Planning Projects

Project Development & Environment Studies:

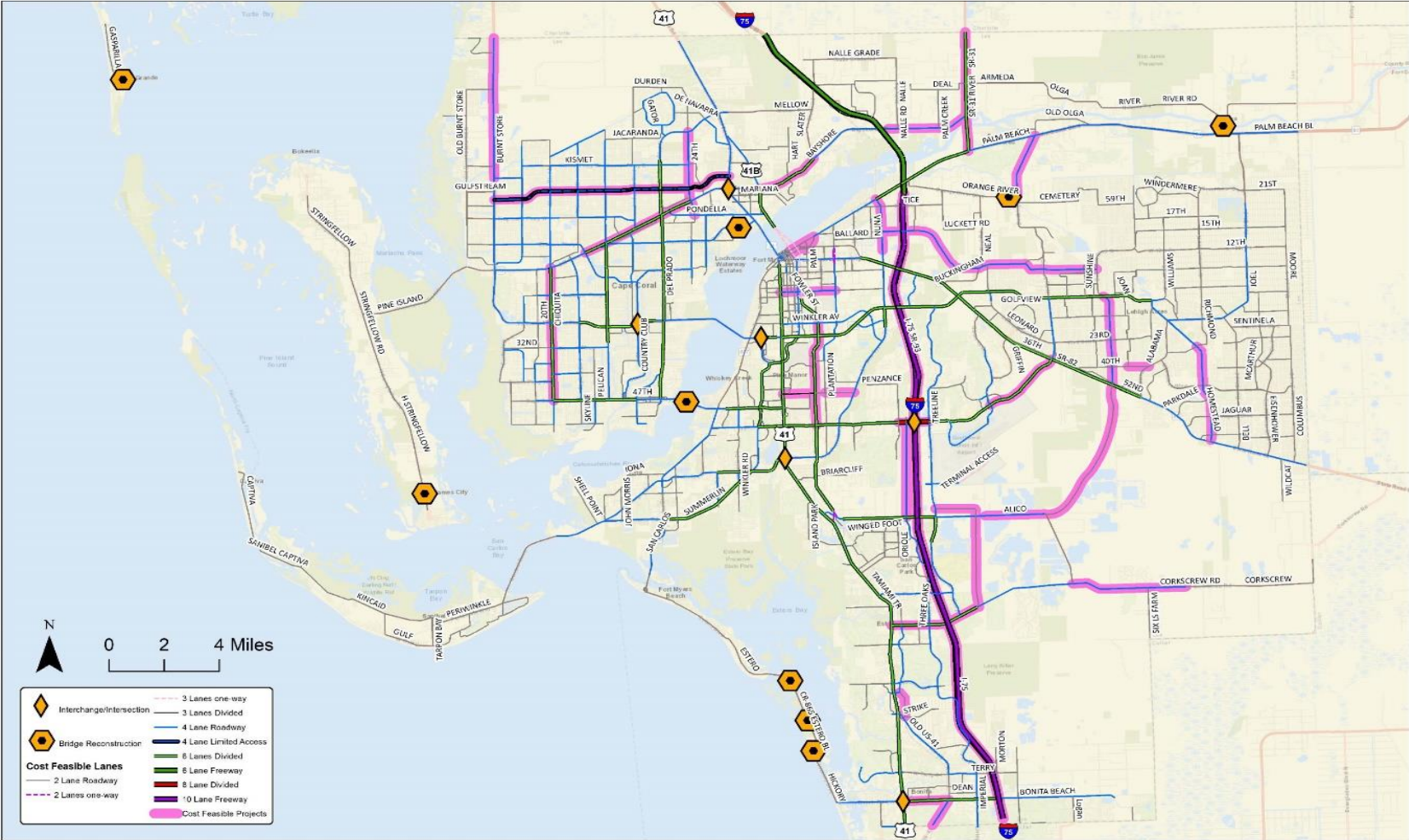
- US 41/Bonita Beach Road
- Burnt Store Road from Van Buren to North of the Charlotte Co/L
- SR 31 from SR 80 to SR 78
- SR 78 from I-75 to SR 31
- Old US 41 from US 41 to Bonita Beach Road

Planning:

- I-75 from CR 951 to SR 78
- SR 78 from Burnt Store Road to US 41



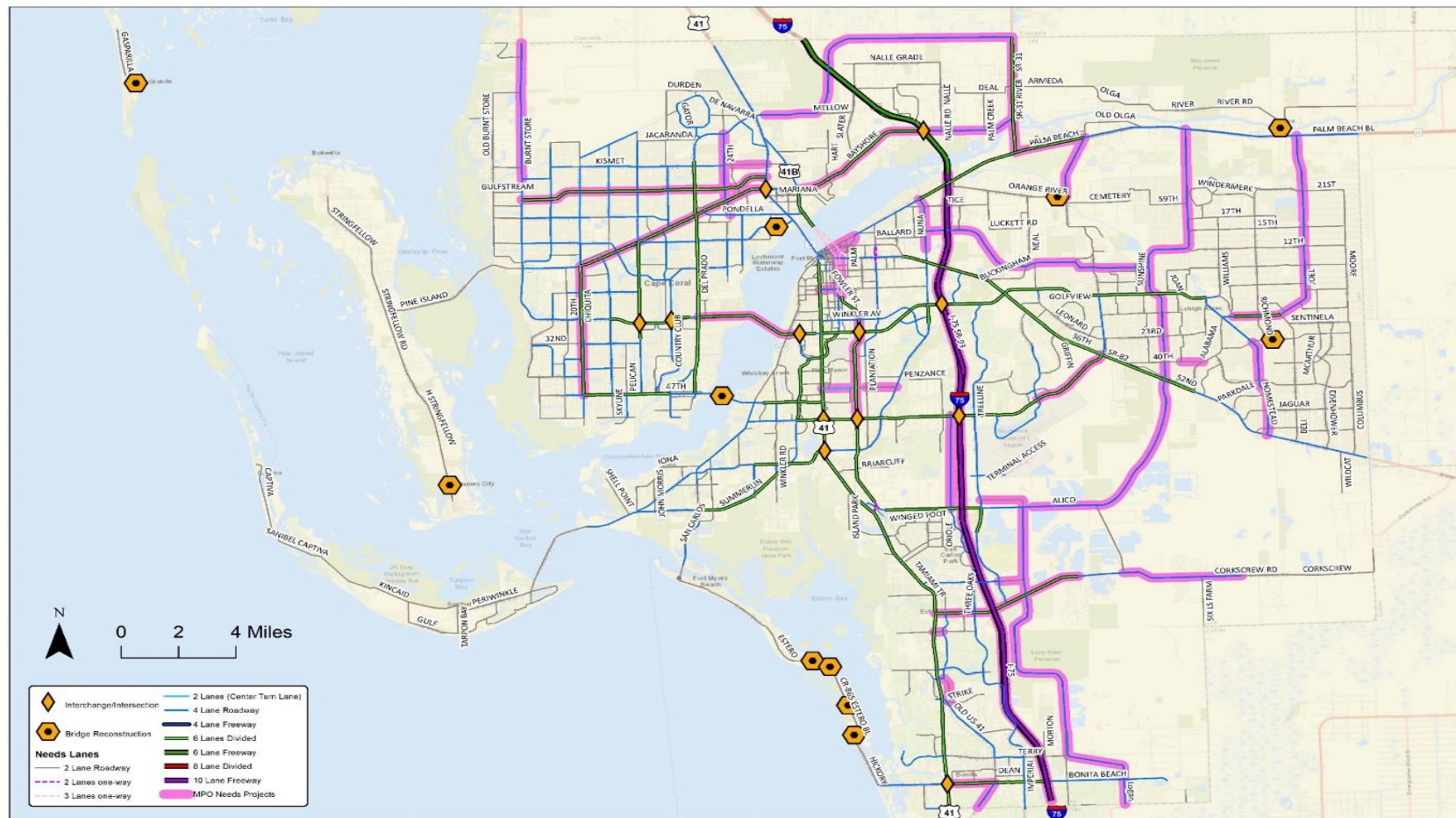
Map 5-2: 2045 Cost Feasible Roadway Projects



2045 Transportation Plan



Map 4-3: Roadway Capacity Needs Plan, 2020–2045



2045 Transportation Plan



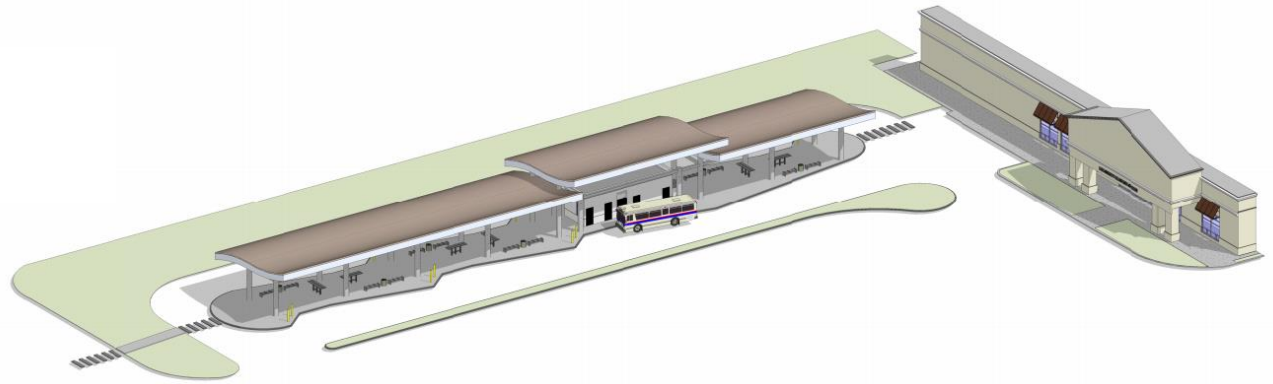
Regional Roadway Projects Next Five Years

- Vanderbilt Beach Road from E. of CR 951 to 8th Street in Collier - New 4/2 lanes
- I-75 at SR 951 (Collier Blvd) Interchange Improvements in Collier
- SR 82 from the Hendry Co/L to Gator Slough in Collier - 2 to 4 lanes
- Harborview from Melbourne to Date Street in Charlotte - 2 to 4 lanes
- SR 31/CR 74 Round-a-bout in Charlotte



LeeTran Current Projects

- New South Transfer - Completion Mid 2023
- New Lehigh Acres Transfer Center - start January 2023 and completion February 2024
- Bonita Mobility on Demand started in February and as of early June this has been increased to three vehicles

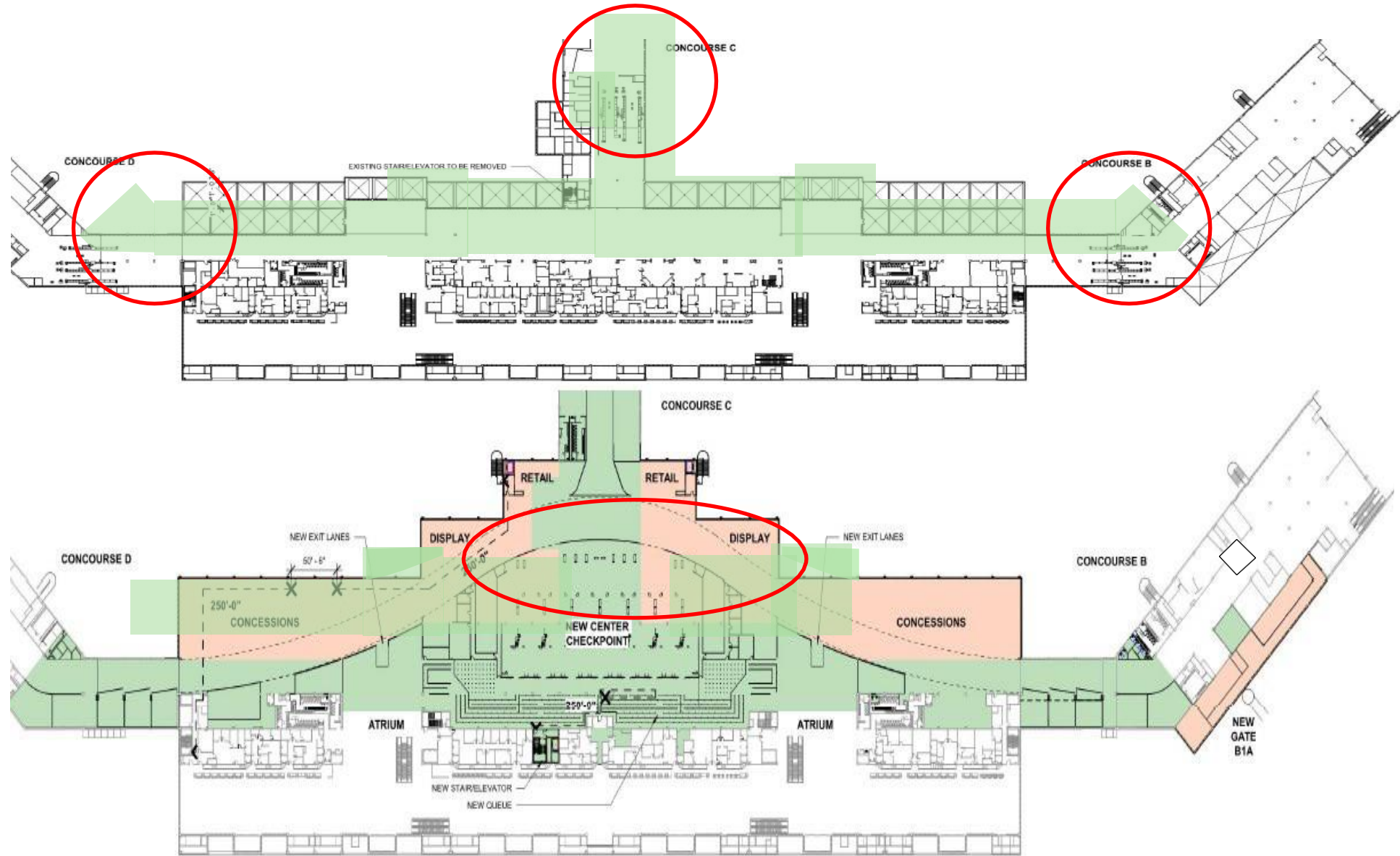


Southwest Florida International Airport

Second busiest Airport in the Country with one runway



Terminal Expansion Project



A 9,100' parallel runway is planned, permitted, and mitigated



Punta Gorda Airport FY2022 CIP Projects

Airside Pavement	
Taxiway D Rehab - (RW 15 to TW A)	\$ 7,500,000
Taxiway D Tenant Connector	\$ 200,000
Rehab Runway 9-27	\$ 700,000
North Apron Rehab	\$ 450,000
New TL - GA Apron to Taxiway A	\$ 4,100,000
Building	
Replacement Hangar for Building 207 (Bldg 615)	\$ 3,000,000
New T-Hangars (Bldg 606)	\$ 3,400,000
New 50 x 50 Box Hangars	\$ 1,500,000
Spec Building	\$ 4,000,000
Roadway Network Improvements	
Golf Course Blvd. Improvements - Design Only	\$ 500,000
Terminal Area Improvements - Planning	
Terminal Building Expansion Study	\$ 89,340
Rental Car Operations Study	\$ 60,000
TOTAL	\$ 25,499,340



Airglades International Airport

- Developing a new perishable cargo airport and full service logistics center
- Plans for a new 10,000 foot runway, airport access road improvements, warehouse and distribution facilities - \$300M

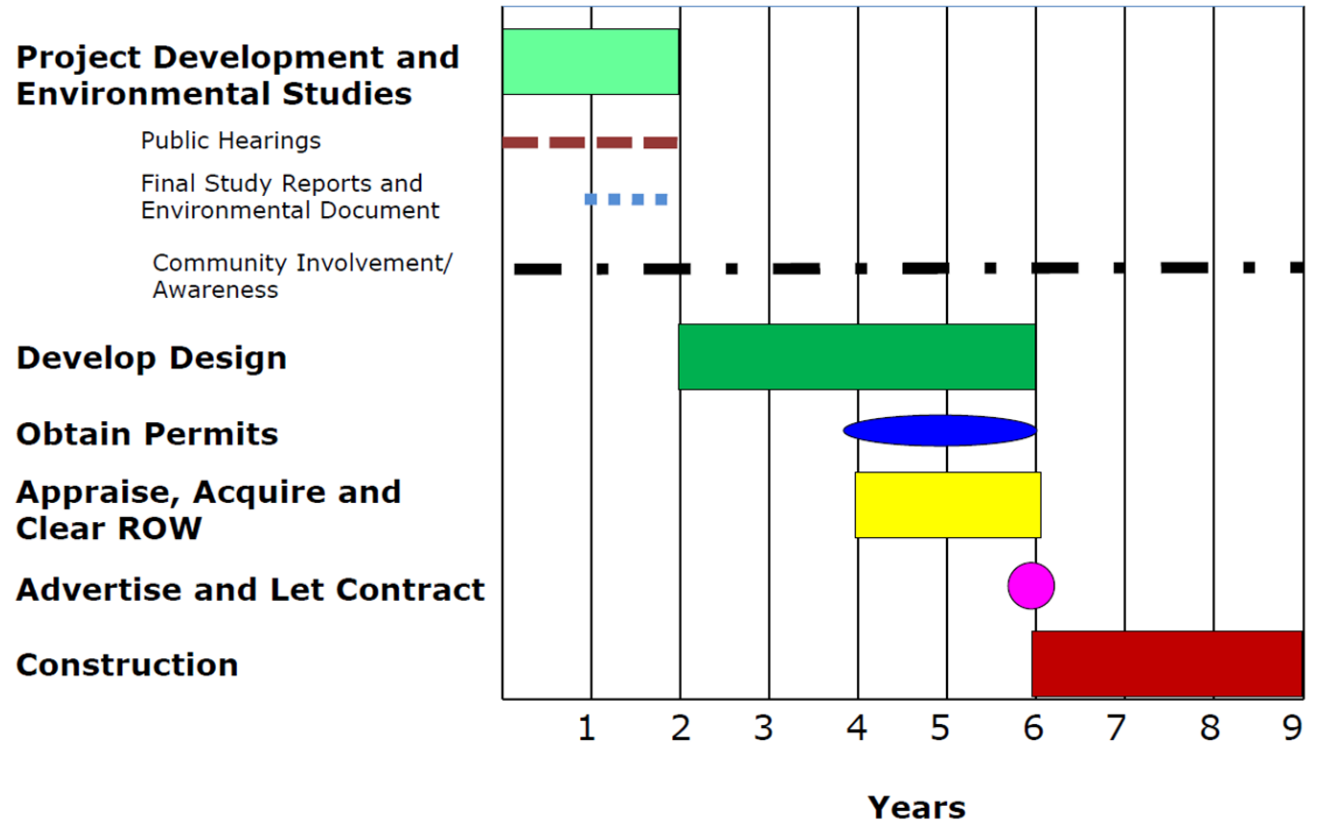


Florida, the hub of United States perishable air cargo, can cargo hubs.



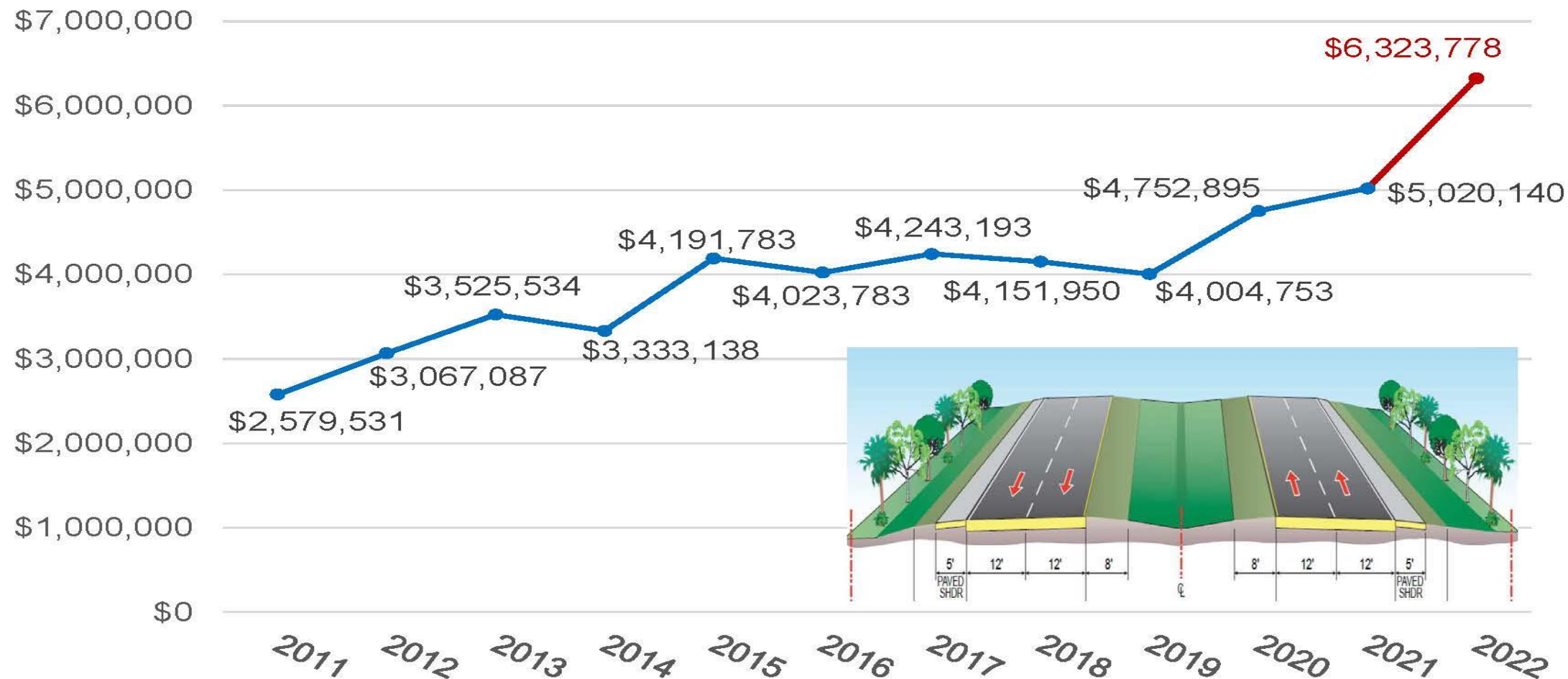
Current Challenges

- Project cost increases, labor and materials shortages
- Population and VMT increasing leading to increased congestion, particularly at major intersections where it is much harder to find acceptable solutions
- Increase in fatalities and serious injuries
- Regional transportation impacts of affordable housing
- Increase in freight traffic from overall growth in online ordering



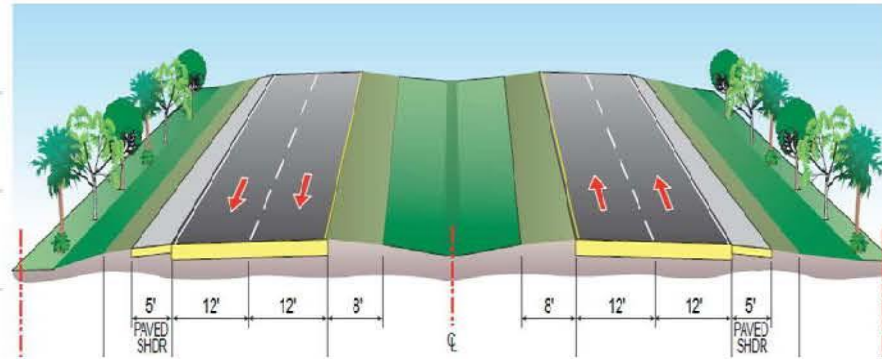
New Construction - Divided Typical Section (FY 2011 – FY 2022)

Total Cost/Mile



Resurfacing - Divided Typical Section (FY 2011 – FY 2022)

Total Cost/Mile



Local Emerging Technology Projects

The background of the slide is a blurred image of a white autonomous shuttle vehicle with a curved roof and sensor domes, driving on a road.

**US 41 FRAME
(Florida Regional
Advanced Mobility
Element) Project**

**Autonomous
Shuttle Vehicle
Pilot Project**



Questions/Comments