

# INTERSTATE 75 (I-75) SOUTH CORRIDOR MASTER PLAN PUBLIC OUTREACH MEETING

Corridor Limits: I-75 from south of C Collier & Lee Counties, Florida

FPID No.: 442519-1



The Florida Department of Transportation may adopt this planning product into the environmental review process, pursuant to Title 23 U.S.C. § 168(d)(4), or to the state project development process.



## Corridor Limits: I-75 from south of Collier Boulevard (SR 951) to north of Bayshore Road (SR 78)



**Public participation is solicited without regard to race, color,** national origin, age, sex, religion, disability, or family status. Persons wishing to express concerns about Title VI may do so by contacting either:

## **District One**

Florida Department of Transporta **District One Title VI Coordinate** Cynthia Sykes 801 N Broadway Avenue, MS 1-Bartow, FL 33830 863-519-2287 Cynthia.Sykes@dot.state.fl.us

All inquiries or complaints will be handled according to FDOT procedures and in a prompt and courteous manner.

# **FLORIDA DEPARTMENT OF TRANSPORTATION**

The Florida Department of Transportation is required to comply with various non-discrimination laws and regulations including Title VI of the Civil Rights Act of 1964.

## **Tallahassee Office**

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or	State
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	Tallahas
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artment of Transportation

Title VI Coordinator Ilakowski, FCCM, CPM wannee Street, MS 65 ssee, FL 32399-0450 850-414-4742 akowski@dot.state.fl.us



## **PROGRAM DESCRIPTION**

Florida Department of Transportation (FDOT) District One is embarking on a program that will lead to the long-term improvement of the interstate corridors in Southwest Florida. This effort will allow District One to analyze and put in place a transportation solution that meets the needs of the near term and accommodates the evolving and innovative transportation solutions of tomorrow.

Within the Southwest Connect<sup>™</sup> program, there are currently four project corridors in the Planning and Feasibility phase. This phase is focused on identifying solutions that improve mobility and provide transportation options to support the region's economic development. These solutions are expected to help move people and goods safely and efficiently while balancing regional transportation needs with community concerns.



I-75 (South Corridor)



I-75 (Central Corridor)

MASTER PLAN PUBLIC OUTREACH MEETING



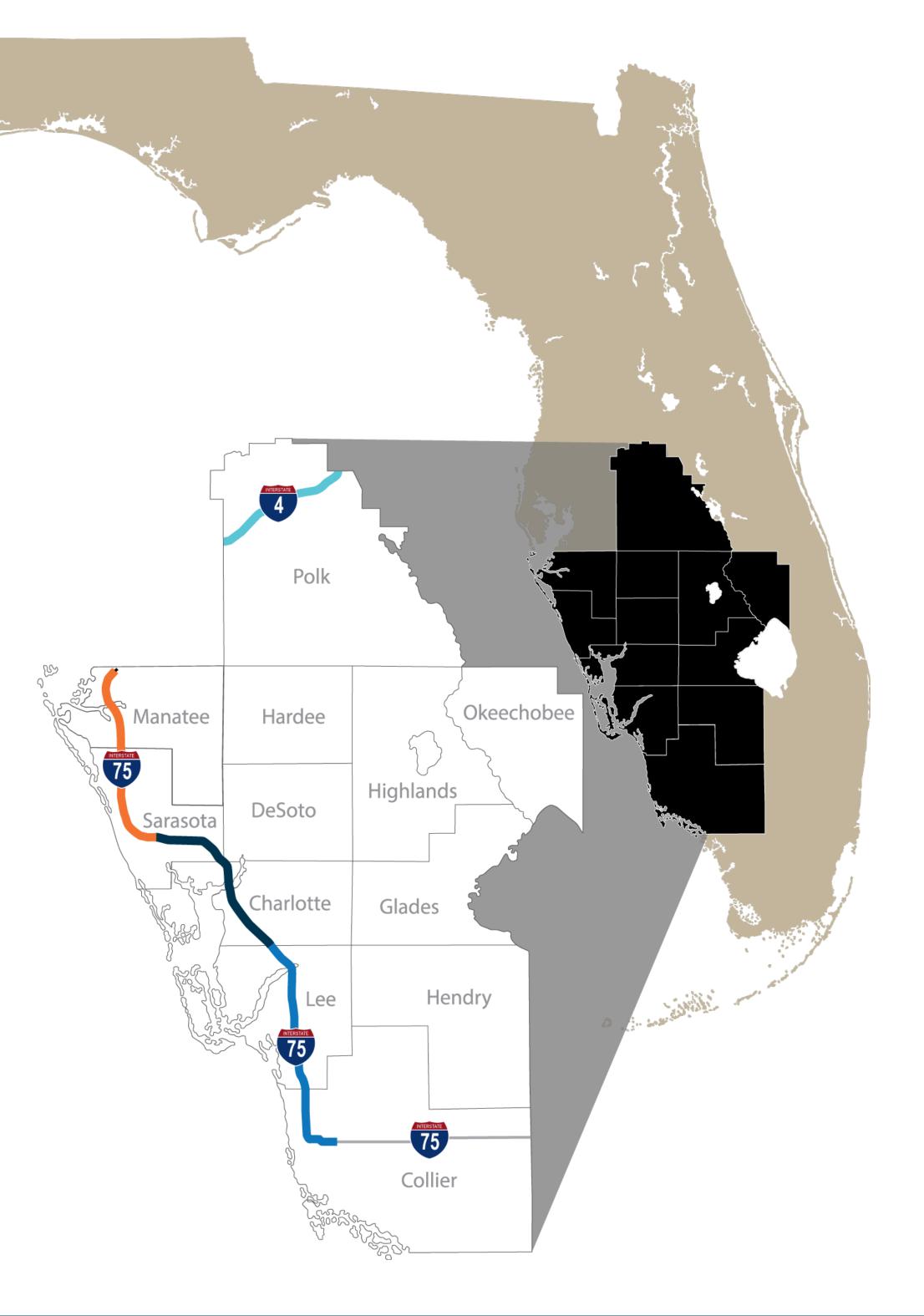
I-75 (North Corridor)



I-4 Corridor

**FLORIDA DEPARTMENT OF TRANSPORTATION – DISTRICT ONE** 801 N. BROADWAY AVENUE, BARTOW, FL 33830

# ABOUT THE PROGRAM

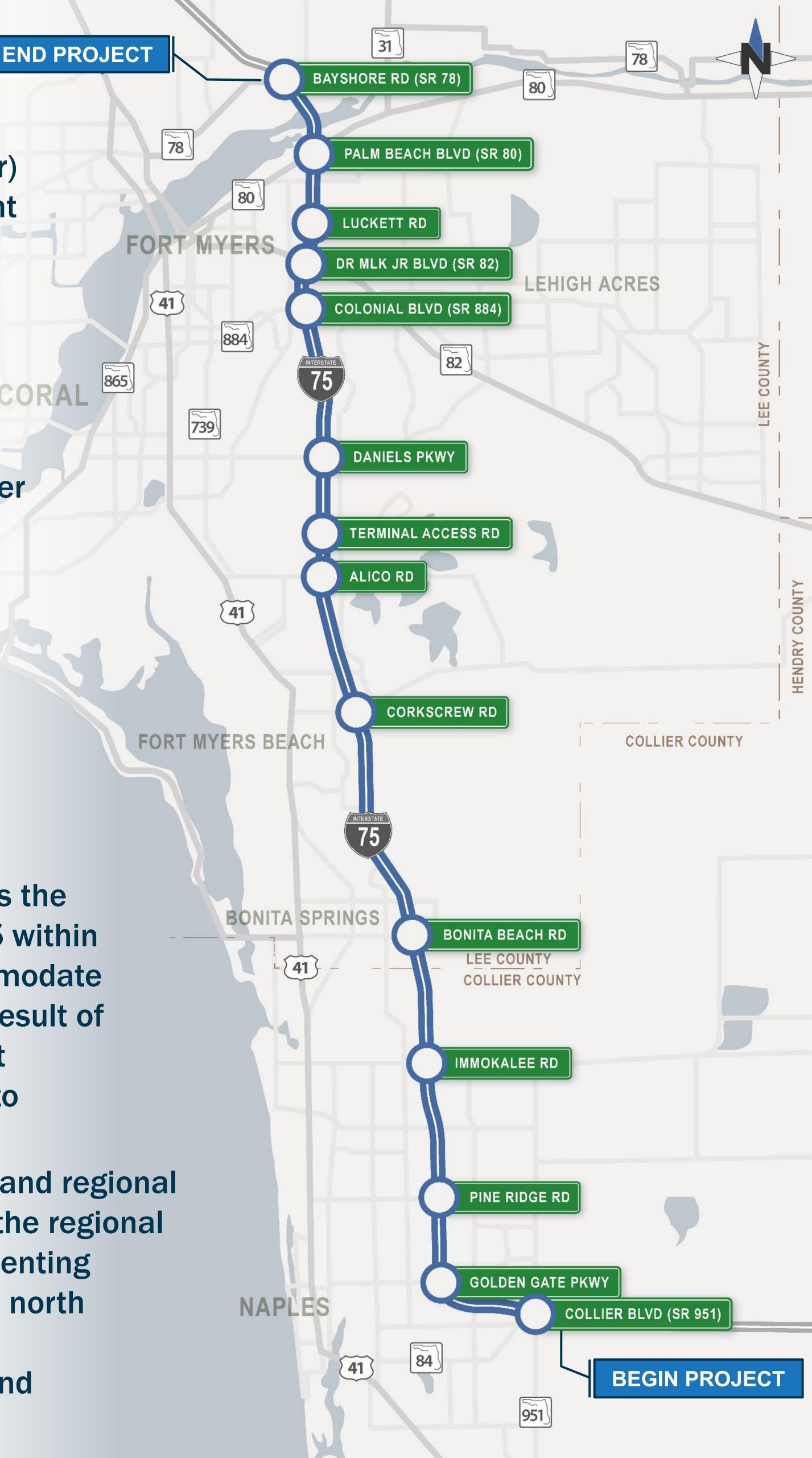




# ABOUT THE PROJECT

## **PROJECT DESCRIPTION**

I-75 Southwest Connect (South Corridor) is a project that will evaluate the current and future needs that improve safety, operational capacity, functionality, efficiency and connectivity along and across the corridor. The South Corridor project limits are from south of Collier Boulevard (State Road 951) to north of Bayshore Road (State Road 78) in Collier and Lee Counties.



Managed lanes, collector-distributor roadways, auxiliary lanes, interchange operational improvements or new interchanges are being considered.

## **PURPOSE AND NEED**

The purpose of this project is to address the existing operational deficiencies of I-75 within Collier and Lee Counties and to accommodate future travel demand projections as a result of forecasted population and employment growth. Other goals of the project are to

 preserve the operational integrity and regional functionality of I-75 (and, therefore, the regional transportation network) by complementing similar corridor improvements to the north on I-75 and
 enhance emergency evacuation and

response times.

## **I-75 SOUTH CORRIDOR MASTER PLAN**

PROJECT LIMITS: I-75 from south of Collier Boulevard (SR 951) to north of Bayshore Road (SR 78)

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A Master Plan is a document that summarizes a community's vision for future transportation and provides a set of recommended improvements to enhance safety and mobility. **Development of a Master** Plan involves data collection, public outreach, analysis of current and future transportation needs, and the identification and evaluation of potential projects to address those needs.

MASTER PLAN **PUBLIC OUTREACH MEETING** 

# WHAT IS A MASTER PLAN2

- During the Planning and Feasibility phase, an analysis of the interstate system's existing and future transportation challenges is conducted, and the findings of the analysis and recommendations to enhance safety and mobility are documented in a Master Plan.
- The planned improvements identified in the Master Plan may include widening, managed lanes, modifying interchanges, and/or evaluating new interchanges.
- The Master Plan will also include public outreach, which will serve as input in the identification and prioritization of projects to move forward into the **Project Development Process.**
- This long-range approach provides a regional perspective to identify the areas where future demand is predicted and assists in defining subsequent **Project Development and Environment (PD&E) Study limits for the project(s).** This Master Plan will serve as a guide to allow FDOT to focus future efforts and funding toward the most critical areas first.

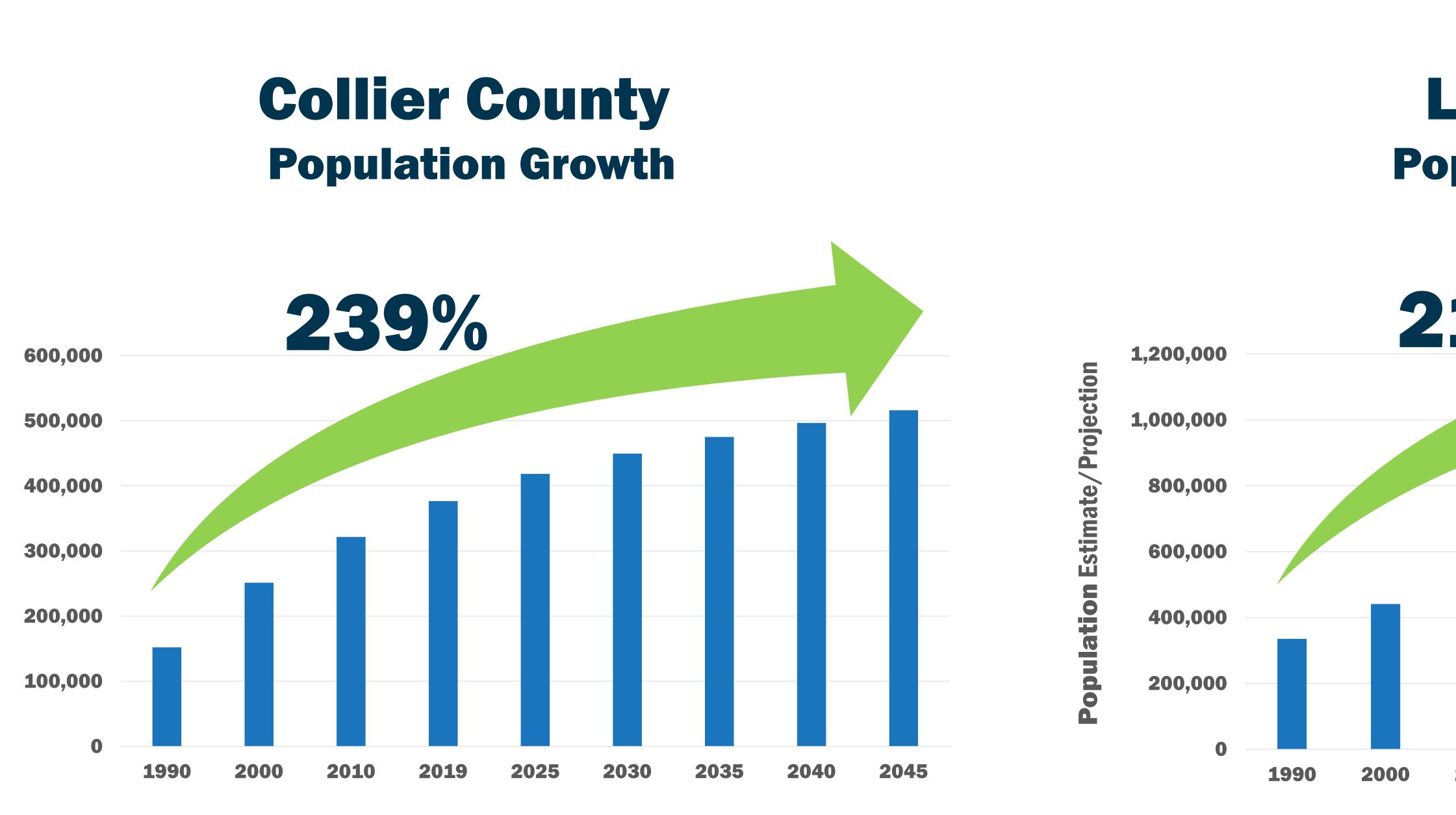


**Projection** 

ate

Estim

Populatio



Sources: 1980-2010: U.S. Census Bureau, Population Division, 2020-2040: Bureau of Economics and Business Research, Florida Population Studies, Bulletin 180

## I-75 SOUTH CORRIDOR MASTER PLAN CORRIDOR LIMITS: I-75 from south of Collier Boulevard (SR 951) to north of Bayshore Road (SR 78)

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# **ABOUT THE**

## Lee County **Population Growth**

212% 2010 2019 2030 2025 2035 2040 2045



## 2019

## **CORRIDOR TRAFFIC DATA**

This map depicts the Annual Average Daily Traffic (AADT) at various points within this project's limits.

**BAYSHORE RD (SR 78)** 

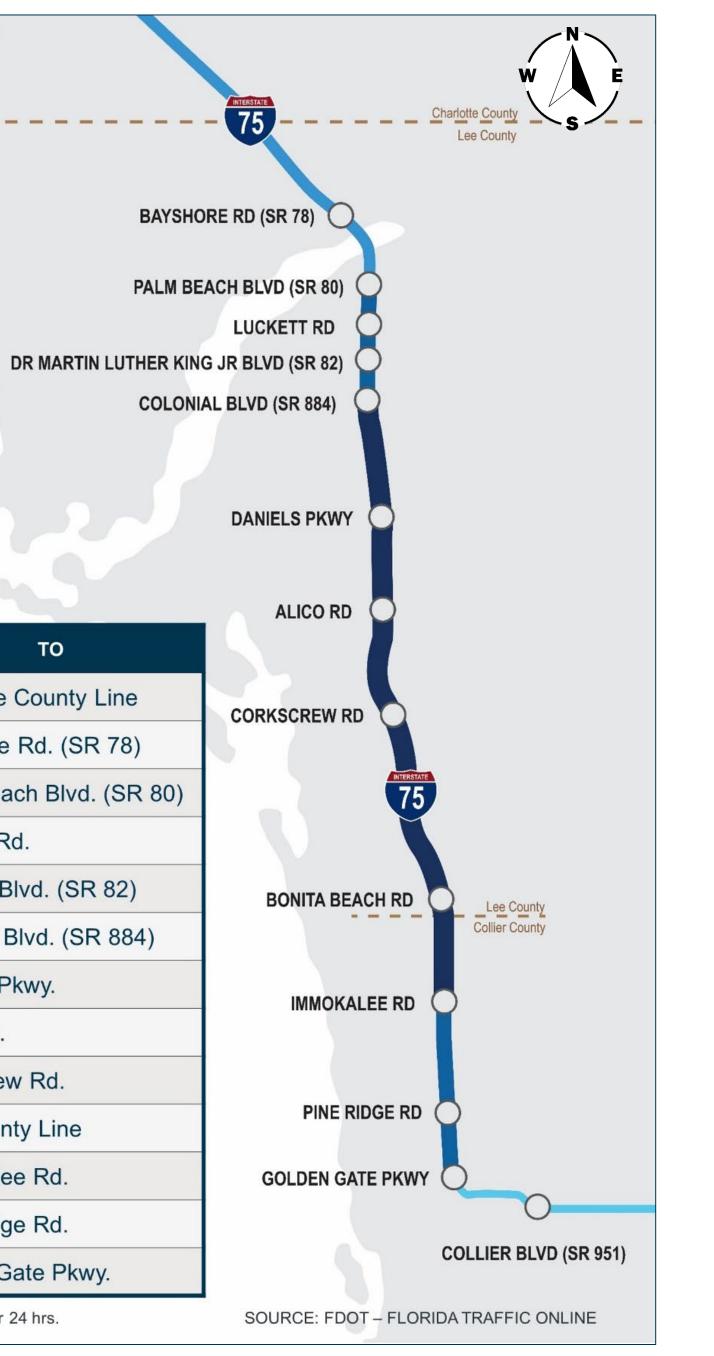
	LEGEND
	100,000+
	75,000 – 99,999
	50,000 - 74,999
	< 50,000
TOTALS = VEHIC	LES PER DAY (VPD)

AADT		FROM	то
	000	Bayshore Rd. (SR 78)	Charlotte County Line
72,0	000	Palm Beach Blvd. (SR 80)	Bayshore Rd. (SR 78)
93,	500	Luckett Rd.	Palm Beach Blvd. (SR 80)
97,	000	MLK Jr. Blvd. (SR 82)	Luckett Rd.
96,	000	Colonial Blvd. (SR 884)	MLK Jr. Blvd. (SR 82)
100,	500	Daniels Pkwy.	Colonial Blvd. (SR 884)
108,	500	Alico Rd.	Daniels Pkwy.
109,0	000	Corkscrew Rd.	Alico Rd.
110,0	000	Lee County Line	Corkscrew Rd.
106,	000	Immokalee Rd.	Lee County Line
89,2	200	Pine Ridge Rd.	Immokalee Rd.
79,	000	Golden Gate Pkwy.	Pine Ridge Rd.
45,0	000	Collier Blvd. (SR 951)	Golden Gate Pkwy.

AADT: Totals represent the average of vehicles in both directions of traffic over 24 hrs.

## **PUBLIC OUTREACH MEETING** FPID No.: 442519-1

# CORRIDOR



## 2045 **CORRIDOR TRAFFIC DATA**

This map depicts the Annual Average Daily Traffic (AADT) at various points within this project's limits.

LEGEND
100,000+
75,000 – 99,999
50,000 - 74,999
< 50,000

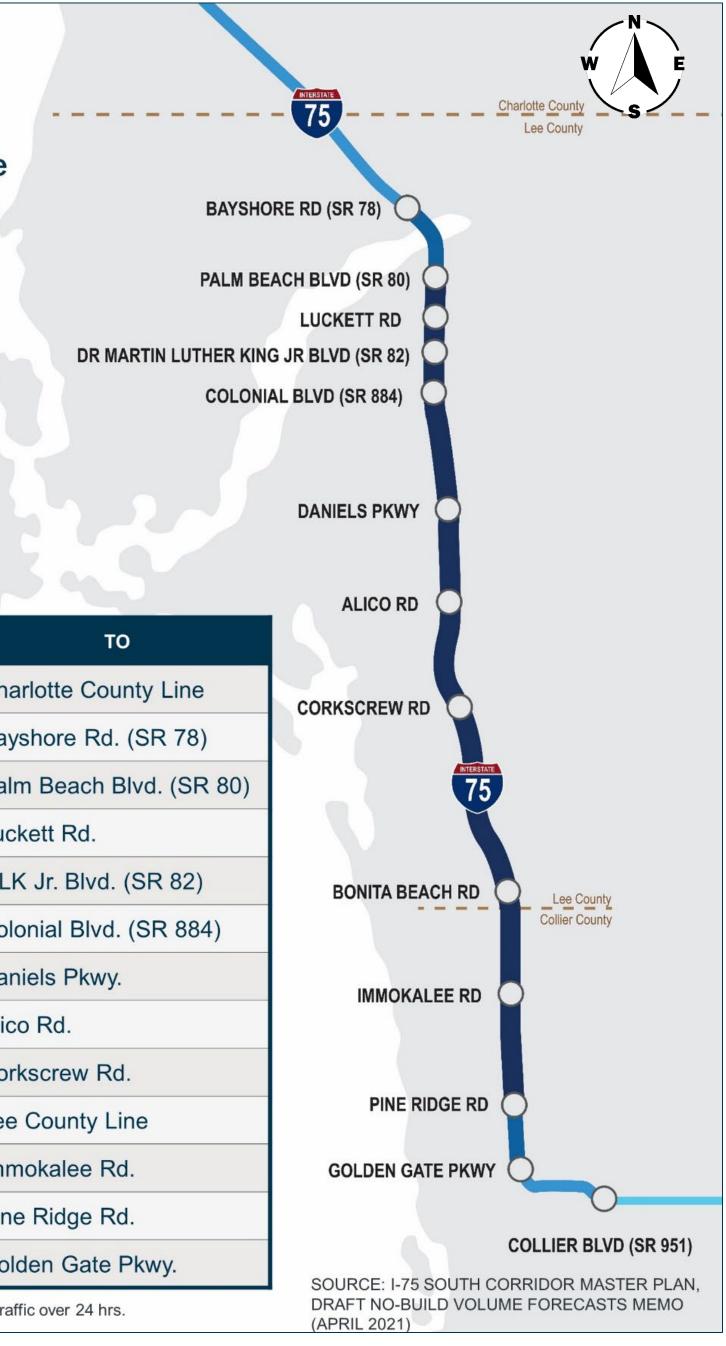
TOTALS = VEHICLES PER DAY (VPD)

AADT	FROM	
57,000	Bayshore Rd. (SR 78)	Cha
90,500	Palm Beach Blvd. (SR 80)	Bay
122,000	Luckett Rd.	Pal
134,000	MLK Jr. Blvd. (SR 82)	Luc
129,000	Colonial Blvd. (SR 884)	ML
139,000	Daniels Pkwy.	Col
131,000	Alico Rd.	Dai
124,000	Corkscrew Rd.	Alic
137,400	Lee County Line	Co
130,000	Immokalee Rd.	Lee
108,000	Pine Ridge Rd.	Imr
98,000	Golden Gate Pkwy.	Pin
62,000	Collier Blvd. (SR 951)	Go

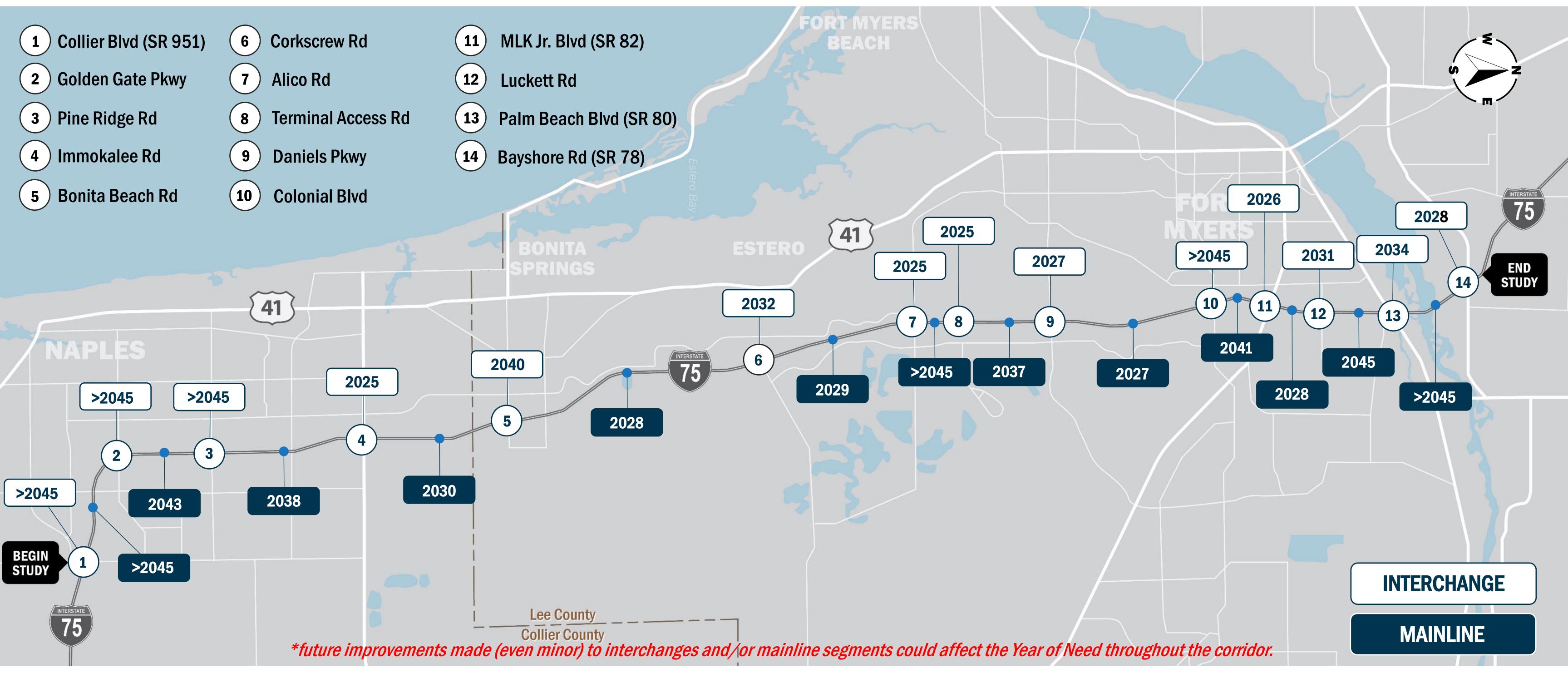
AADT: Totals represent the average of vehicles in both directions of traffic over 24 hrs.

## I-75 SOUTH CORRIDOR MASTER PLAN

CORRIDOR LIMITS: I-75 from south of Collier Boulevard (SR 951) to north of Bayshore Road (SR 78)







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# **2045 NO BUILD**

## **I-75 SOUTH CORRIDOR MASTER PLAN**

CORRIDOR LIMITS: I-75 from south of Collier Boulevard (SR 951) to north of Bayshore Road (SR 78)

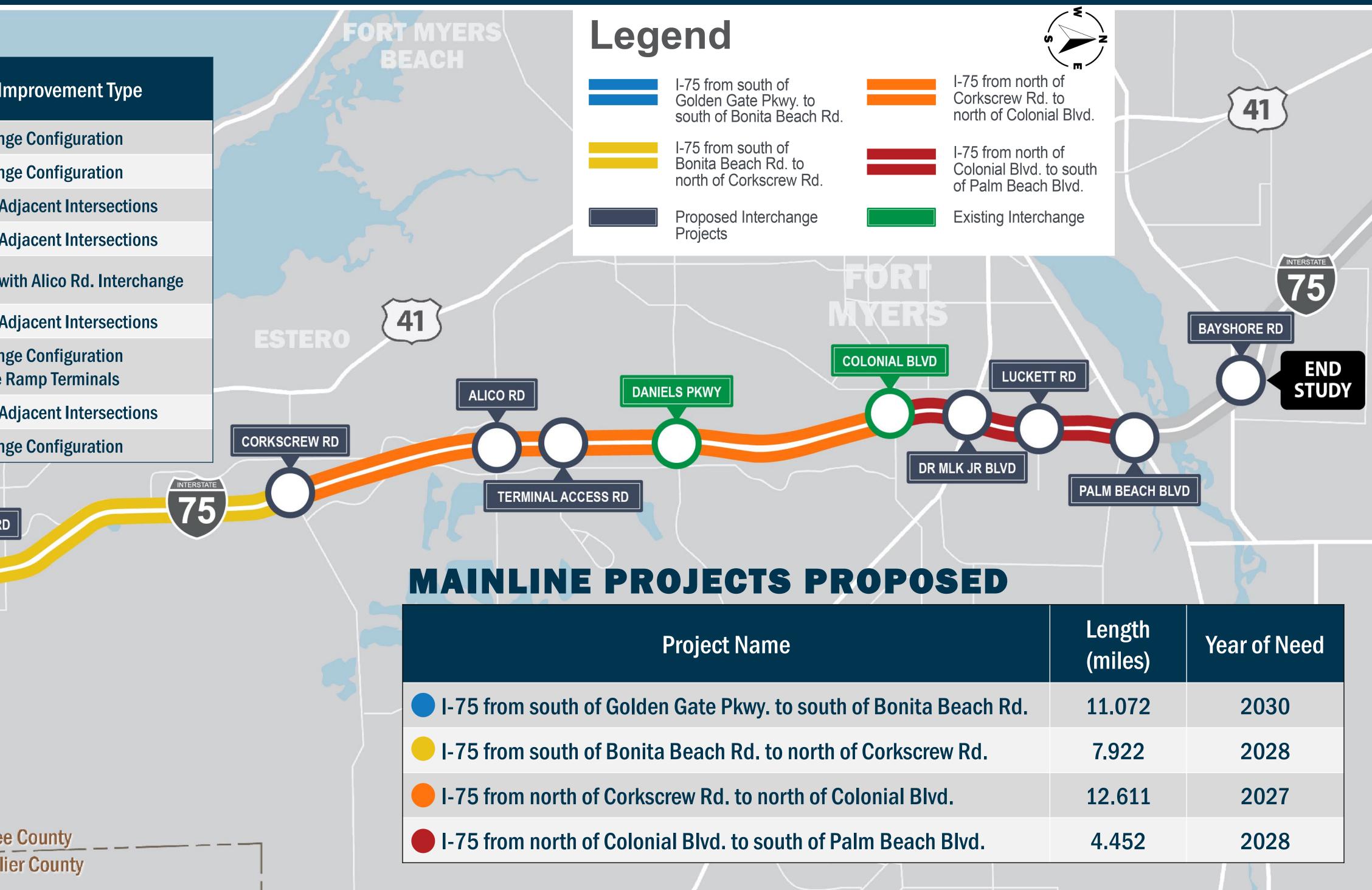




INTERCHANGE PI	ROJECTS	PROPOS	ED
Project Name	Length (miles)	Year of Need	In
Immokalee Rd. Interchange	0.491	2025	Interchang
Bonita Beach Rd. Interchange	0.558	2040	Interchang
Corkscrew Rd. Interchange	0.585	2032	Improve Ac
Alico Rd. Interchange	2.760	2025	Improve Ac
Terminal Access Rd. Interchange	0.193	2025	Improve wi
MLK Jr. Blvd. Interchange	0.553	2026	Improve Ac
Luckett Rd. Interchange	0.496	2031	Interchang Signalize R
Palm Beach Blvd. Interchange	0.517	2034	Improve Ac
Bayshore Rd. Interchange	0.501	2028	Interchang
OLDEN GATE PKWY			NITA BEACH RD
INTERSTATE 755			Lee Collie

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# PRELIMINARY LIST OF PROPOSED PROJECTS



## I-75 SOUTH CORRIDOR MASTER PLAN

CORRIDOR LIMITS: I-75 from south of Collier Boulevard (SR 951) to north of Bayshore Road (SR 78)

Name	Length (miles)	Year of Need
Pkwy. to south of Bonita Beach Rd.	11.072	2030
Rd. to north of Corkscrew Rd.	7.922	2028
to north of Colonial Blvd.	12.611	2027
to south of Palm Beach Blvd.	4.452	2028





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# PROPOSED TYPICAL SECTIONS

## **I-75 SOUTH CORRIDOR MASTER PLAN**

CORRIDOR LIMITS: I-75 from south of Collier Boulevard (SR 951) to north of Bayshore Road (SR 78)



## FDOT is evaluating the feasibility of tolling the proposed managed lanes.

## The forecasted traffic volumes, distributions, and operational analysis were developed under the assumption of no tolling.

Should tolling be implemented in the future, these forecasted traffic volumes, distributions, and operational analysis will likely change, which in turn may necessitate changes to the line diagrams, typical sections, ingress/egress points/types, and concept plans.

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**DEPARTMENT OF TRANSPORTATION – DISTRICT ONE** 801 N. BROADWAY AVENUE, BARTOW, FL 33830

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## MANAGED LANES WITH GENERAL-USE LANES ALTERNATIVE

## 2 THRU LANES + 3 **GENERAL-USE LANES** WITH SLIP RAMPS

4.0 MILES

4.5 MILES

2.5 MILES

2.0 MILES

SR 951

IMMOKALEE

PINE RIDGE

**GOLDEN GATE** 

LEGEND:

GENERAL-USE LANE

THRU LANE

SLIP RAMP LANE

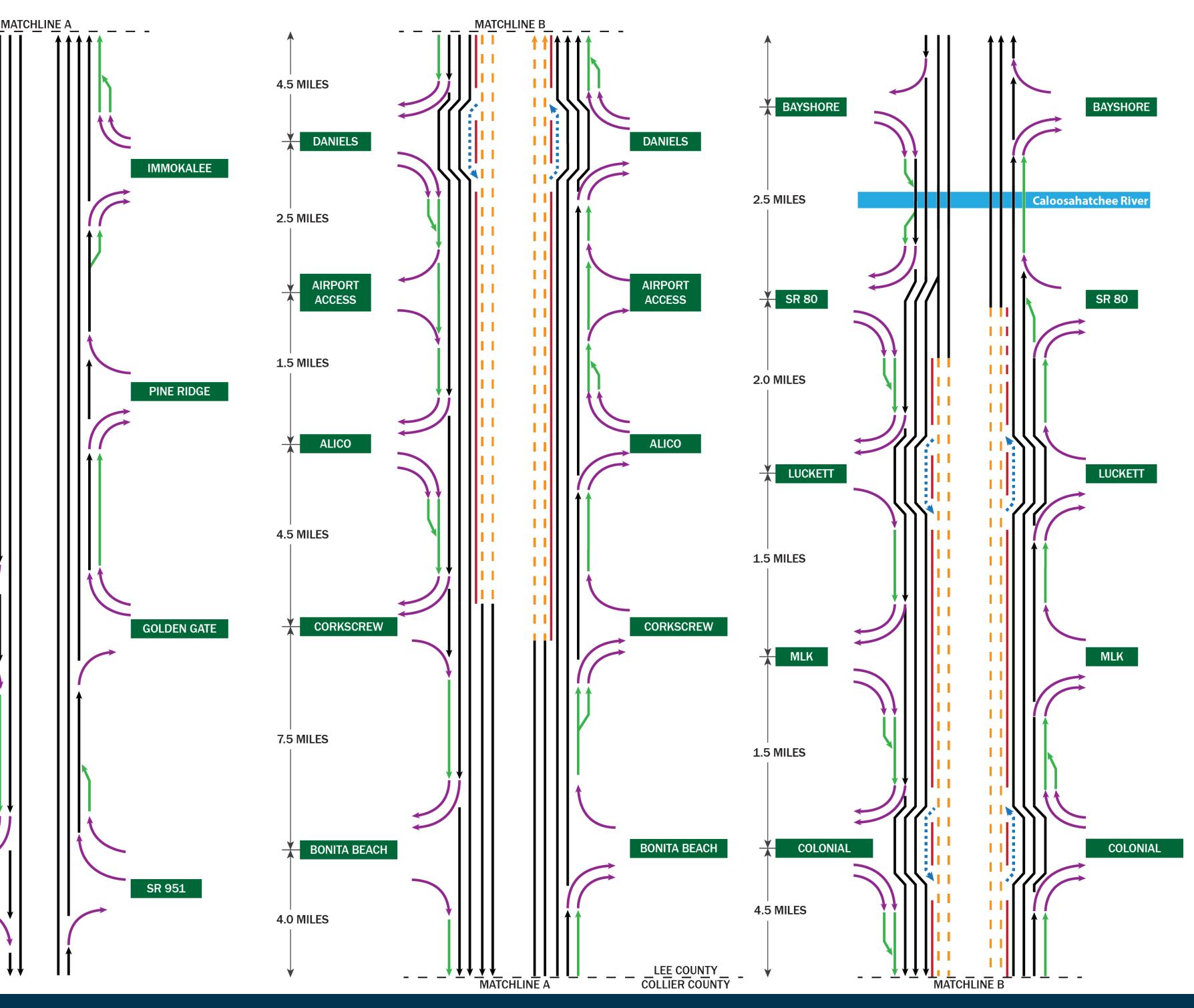
BARRIER

BUFFER SEPARATION - - -

AUXILIARY LANE

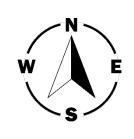
INTERCHANGE RAMP LANE

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## I-75 SOUTH CORRIDOR MASTER PLAN

# PROJECT





MASTER PLAN **PUBLIC OUTREACH MEETING** 

# THE PROJECT DEVELOPMENT

FLORIDA DEPARTMENT OF TRANSPORTATION – DISTRICT ONE 801 N. BROADWAY AVENUE, BARTOW, FL 33830

The location and conceptual design of road improvements are identified and environmental and social impacts are assessed.

Additional land needed for improvements is purchased,

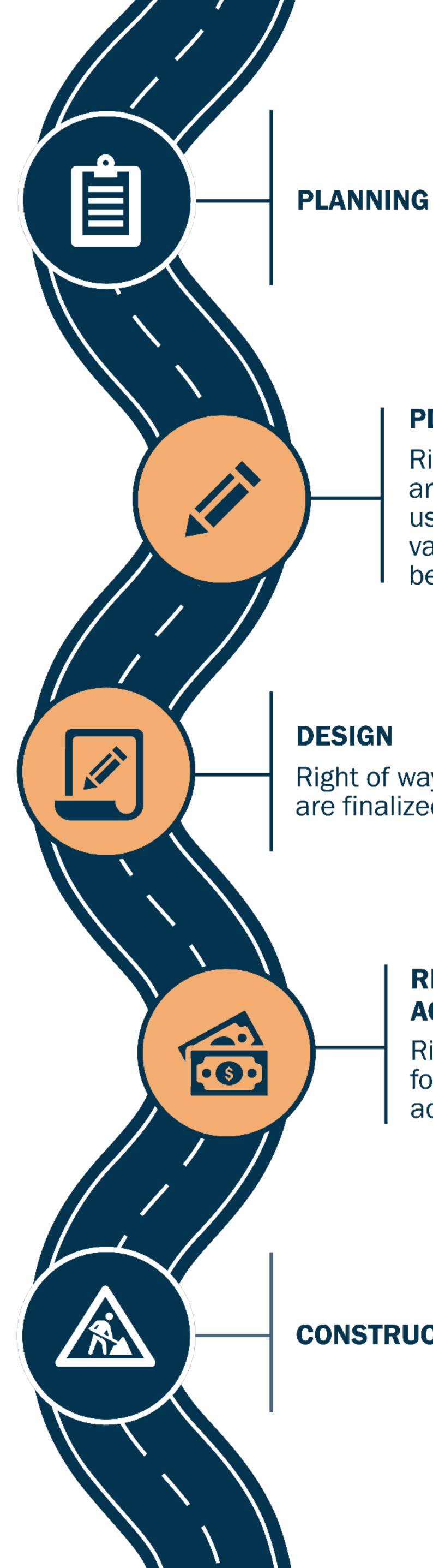
Build recommended improvements.



## WHERE IN THE PROCESS

This corridor is currently in the **Planning and Feasibility Phase.** 

**Once a project has been** prioritized and funded to move to the next phase, the Project **Development and Environment** (PD&E) study, the Department will identify any potential right of way needs and use them in the evaluation of the various alternatives being considered.



**PLANNING & FEASIBILITY** 

Once the project is advanced to the Design Phase, all right of way needs are determined and finalized.

If additional land is needed to construct proposed improvements, the Department will notify property owners, explain the acquisition process,

## **PD&E STUDY**

Right of way needs are identified and used to evaluate the various alternatives being considered.

Right of way needs are finalized.

## RIGHT OF WAY ACQUISITION

their rights and options.

**FDOT's Right of Way Acquisition** team has developed an informative handout with more details and information.

**Click <u>HERE</u> to view handout.** 

Right of way is obtained following the right of way acquisition process.

CONSTRUCTION



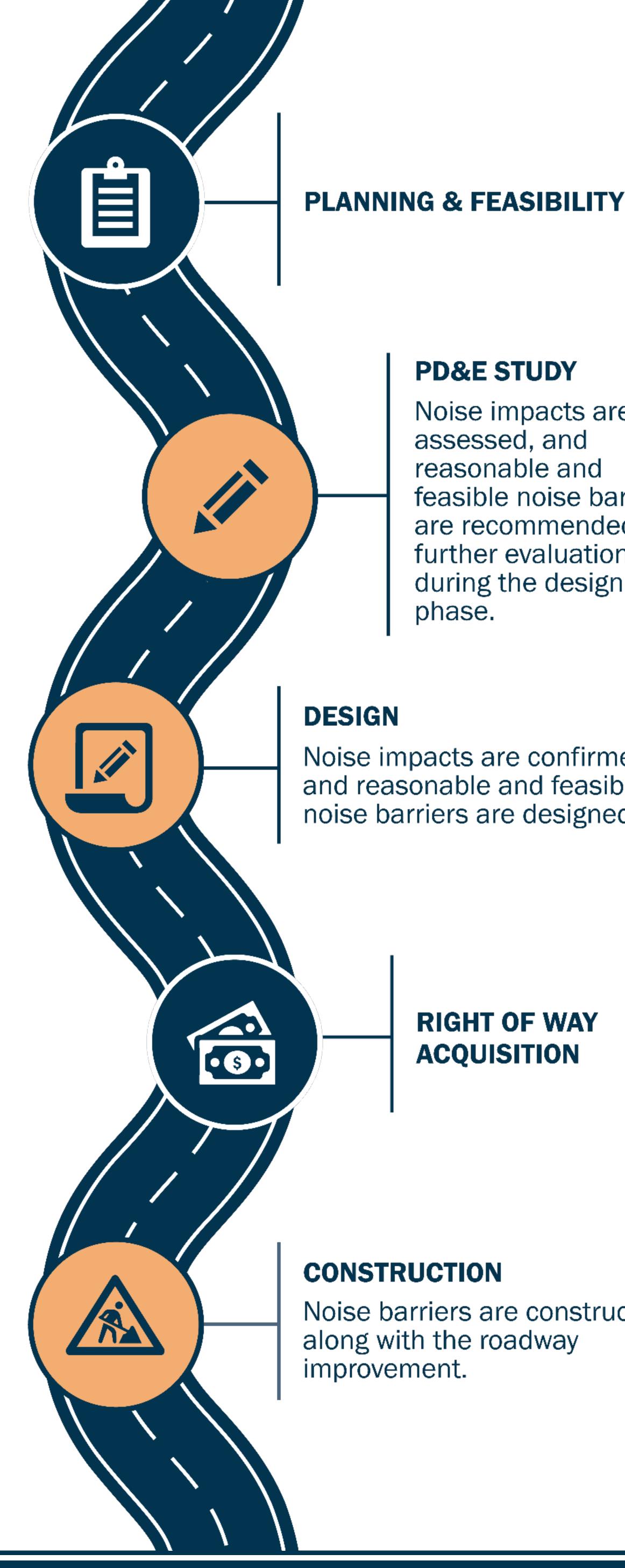




## WHERE IN THE PROCESS

This corridor is currently in the **Planning and Feasibility phase.** 

**Once a project has been** prioritized and funded to move to the next phase, the Project **Development and Environment** (PD&E) study, the Department will determine traffic noise impacts and potential locations that qualify for further consideration of noise abatement measures, including traffic noise barrier walls.



Traffic noise abatement is further evaluated during the **Design phase, in accordance** with federal and state requirements. For areas that meet feasibility and reasonableness criteria, traffic noise barrier walls are included

## **PD&E STUDY**

Noise impacts are assessed, and reasonable and feasible noise barriers are recommended for further evaluation during the design phase.

Noise impacts are confirmed, and reasonable and feasible noise barriers are designed.

in the project's design plans and constructed with the roadway improvement project.

A handout detailing the Traffic **Noise Evaluation Process can be** found by clicking <u>HERE</u>.

## **RIGHT OF WAY ACQUISITION**

## CONSTRUCTION

Noise barriers are constructed along with the roadway









## WHO GETS A NOISE BARRIER?

• When traffic noise impacts are identified during a noise analysis for an FDOT construction project that substantially changes the existing conditions of the typical section (horizontal or vertical alignment, profile, number of lanes,

etc.), a noise barrier for that area must be considered.

• Federal Highway Administration (FHWA) and Florida Department of Transportation (FDOT) require noise barriers to be <u>feasible and reasonable</u>.

## **Feasible**

- Can be designed and built using standard construction methods and techniques with consideration of safety factors, access, right of way, maintenance, drainage and utilities <u>Reasonable</u>
- Reduces traffic noise by at least
  5 dB at two or more impacted sites and by 7 dB at one site
- Cost to build the noise barrier averages \$42,000 or less per benefited receptor



 Consider the viewpoints of the benefited site owners and residents

Even if previous project(s) determined noise barriers are not feasible and reasonable, they may be feasible and reasonable in the future with the proposed improvements and noise analysis from future studies.

**Common Sound Levels** 



SOUTHWEST CONNECT™

Florida Department of Transportation – District One 801 N. Broadway Avenue, Bartow, FL 33830

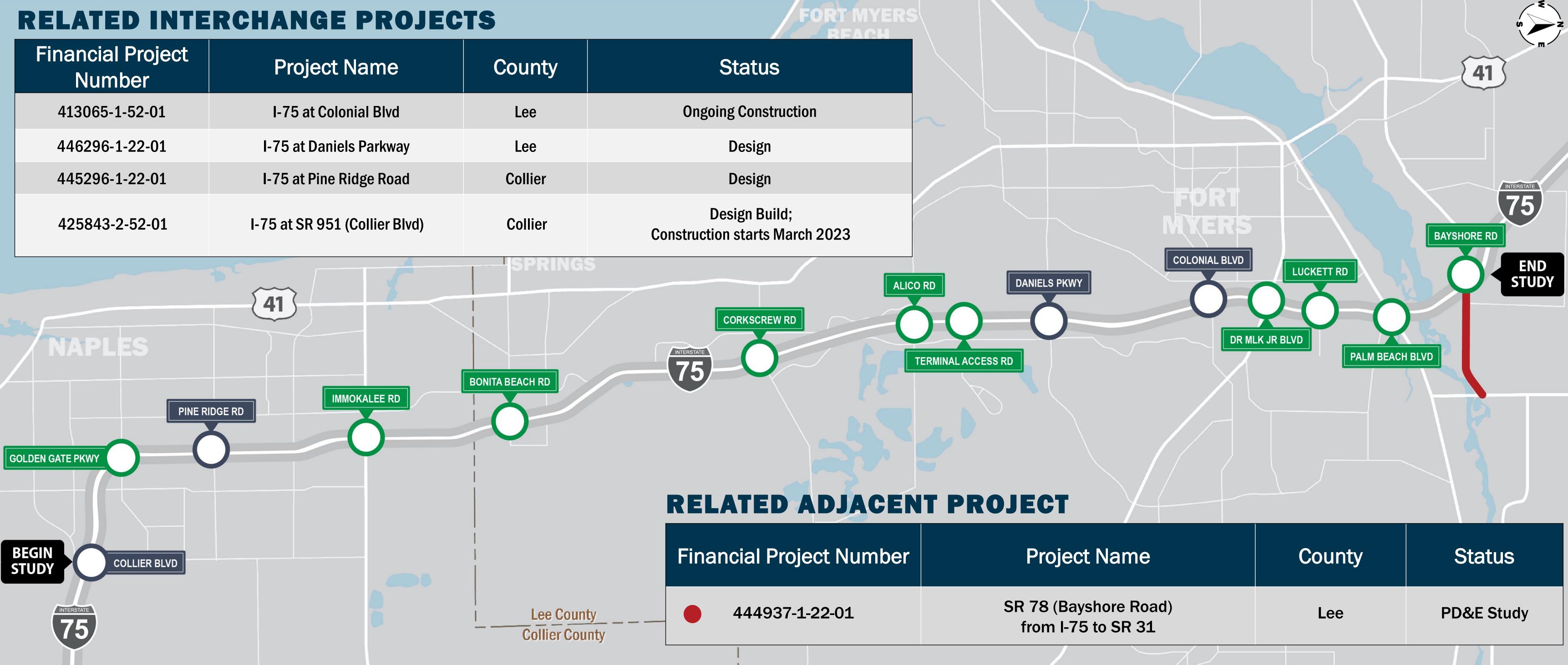
www.SWFLINTERSTATES.com







Financial Project Number	Project Name	County
413065-1-52-01	I-75 at Colonial Blvd	Lee
446296-1-22-01	I-75 at Daniels Parkway	Lee
445296-1-22-01	I-75 at Pine Ridge Road	Collier
425843-2-52-01	I-75 at SR 951 (Collier Blvd)	Collier



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# RELATED PROJECTS

## **I-75 SOUTH CORRIDOR MASTER PLAN**

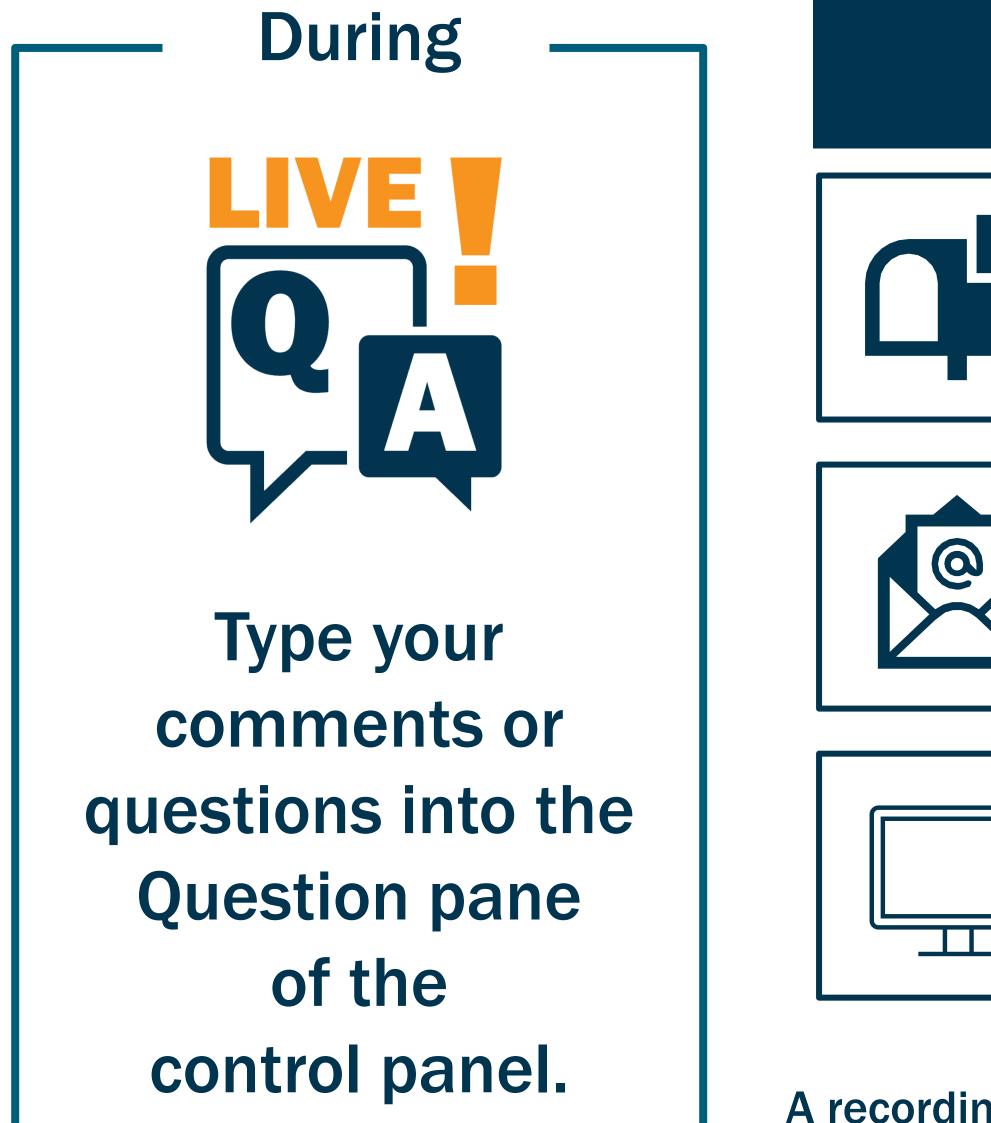
CORRIDOR LIMITS: I-75 from south of Collier Boulevard (SR 951) to north of Bayshore Road (SR 78)



t Name	County	Status
shore Road) 5 to SR 31	Lee	PD&E Study



## **THERE ARE SEVERAL WAYS TO** LEAVE A COMMENT



CORRIDOR LIMITS: I-75 from south of Collier Boulevard (SR 951) to north of Bayshore Road (SR 78)

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## During Public Outreach Meeting Period (2/13 – 2/27)

Fill out the attached Comment Form and mail a copy to the below address: Nicole Harris, P.E., I-75 Project Manager (GEC), MS 1-6 Florida Department of Transportation - District One, 801 N. Broadway Ave, Bartow, FL 33830



Send an email with your comments and/or questions to the Project Manager at: Nicole.Harris@dot.state.fl.us

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Submit your comment/question to the Project Manager using our online comment form at: www.swflinterstates.com/i75-south-vpm-comments/

A recording of the Q&A Event will also be posted to the project website: www.swflinterstates.com/i75-south-corridor

## I-75 SOUTH CORRIDOR MASTER PLAN

