



I-75 Projects Update

Landscaping and South Connect Project

David Willems, P.E.



Presentation Outline

Corkscrew Road Interchange Landscaping




























- Plans
- Schedule

Southwest Connect – I-75 South Corridor

- Existing Conditions
- Forecast Conditions
- Proposed Improvements
- Next Steps



Plant Schedule

<u>TREES</u>	<u>COMMON NAME</u>	<u>GROUND COVERS</u>	<u>COMMON NAME</u>
	VERAWOOD		ECOTURF PERENNIAL PEANUT
	APPLE BLOSSOM CASSIA		DWARF BOUGAINVILLEA
	GREEN BUTTONWOOD		EMERALD BLANKET NATAL PLUM
	ROYAL POINCIANA		HORIZONTAL COCOPLUM
	LONGLEAF PINE		DWARF CLUSIA
<u>PALM TREES</u>	<u>COMMON NAME</u>		GREEN ISLAND FIGUS
	KING ALEXANDER PALM		DOWNY JASMINE
	NITIDA PALM		PINK MUHLY GRASS
	ROYAL PALM		PANAMA ROSE
	SABAL PALM		SILVER SAW PALMETTO
	FLORIDA THATCH PALM		DWARF FAKAHATCHEE
<u>SHRUBS</u>	<u>COMMON NAME</u>		COONTIE
	AMERICAN BEAUTYBERRY	<u>SOD/SEED COMMON NAME</u>	
	CRINUM LILY		BAHIA GRASS
	BIRD OF PARADISE		
	WALTER'S VIBURNUM		



Trees



Royal Poinciana



Royal Poinciana



Apple Blossom Cassia



Trees



Green Buttonwood



Verawood



Long Leaf Pine



Trees



Sabal Palm



Thatch Palm

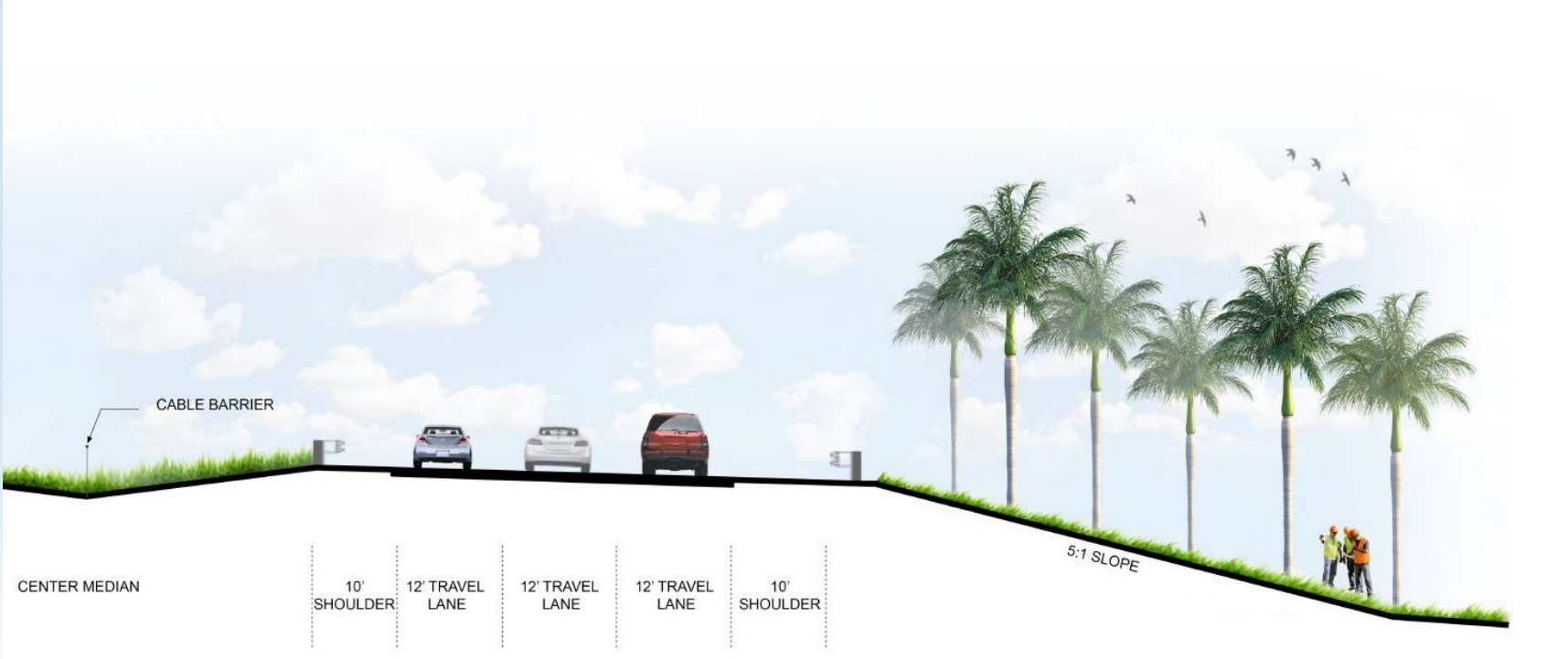


Alexander Palm



Royal Palm











Schedule

Construction Started:	February 20 th
Installation Complete: (Contingent on FPL service)	End of June
Contractor Maintenance:	June 2023 – June 2025
Village Maintenance:	June 2025



SW Connect Project

I-4 Corridor

County – Polk (only county in District 1)

I-75 North Corridor

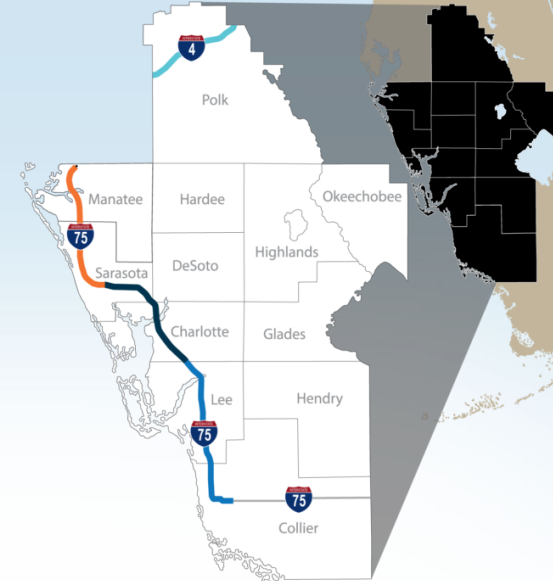
Counties – Sarasota & Manatee

I-75 Central Corridor

Counties – Charlotte & Sarasota

I-75 South Corridor

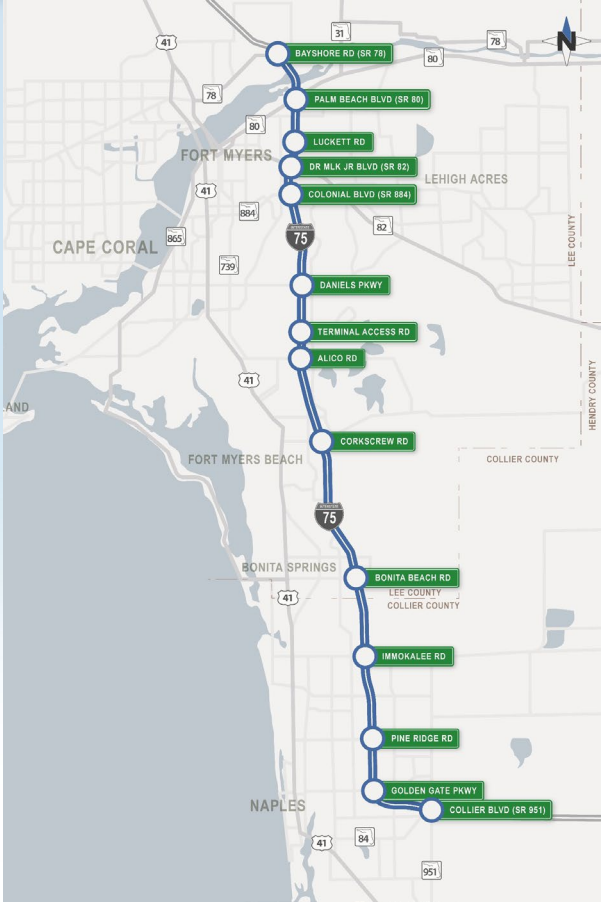
Counties – Lee & Collier





South Corridor

Bayshore Road to Golden Gate Parkway



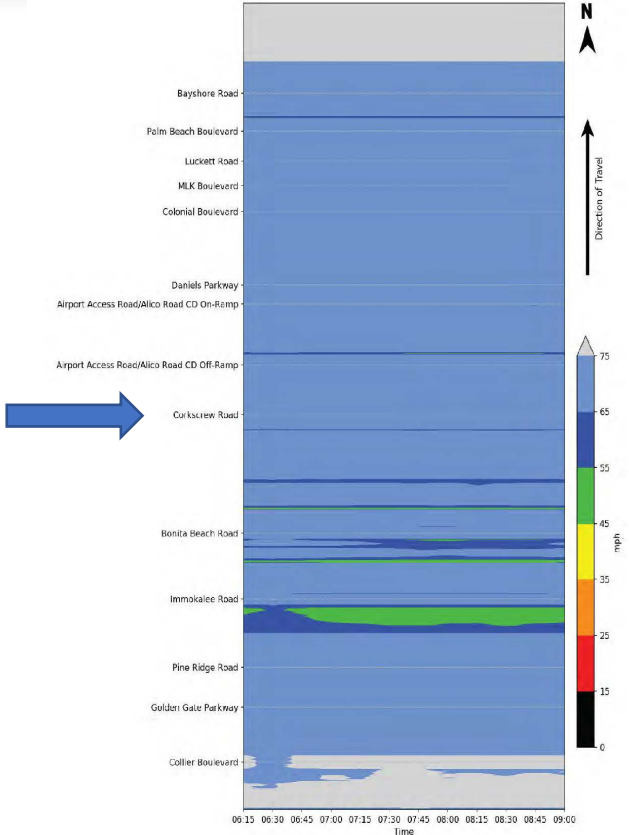


Figure 4.2: I-75 Northbound Speeds – No Build AM Peak Period for Existing Year (2019)

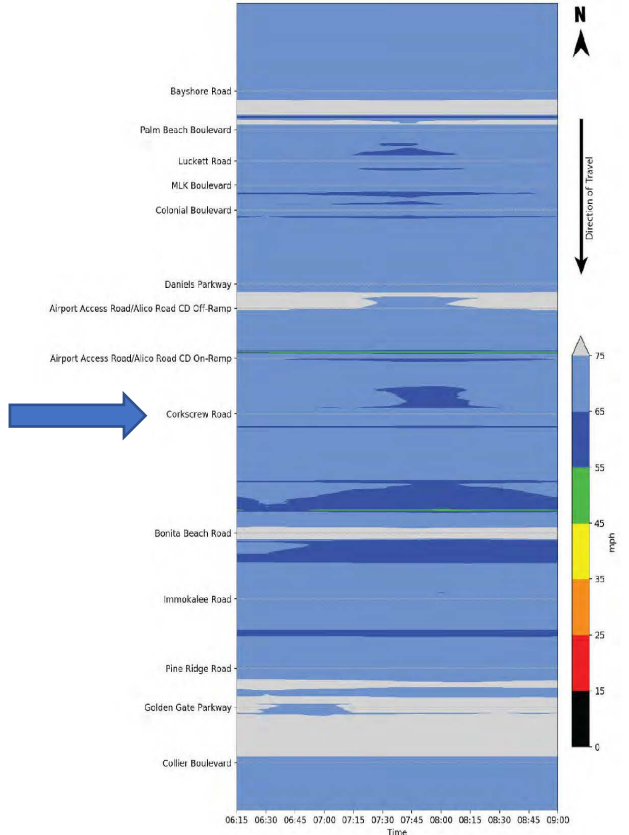


Figure 4.3: I-75 Southbound Speeds – No Build AM Peak Period for Existing Year (2019)

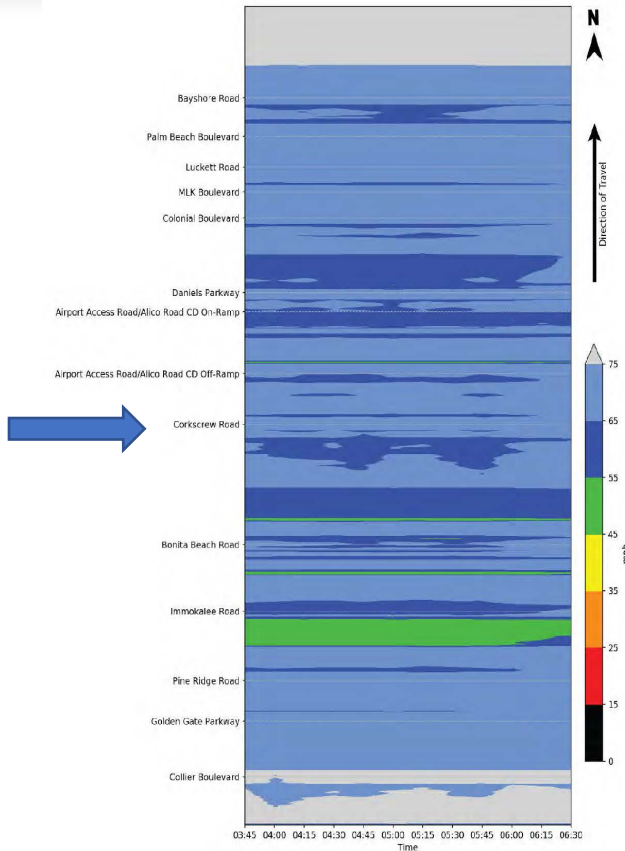


Figure 4.4: I-75 Northbound Speeds – No Build PM Peak Period for Existing Year (2019)

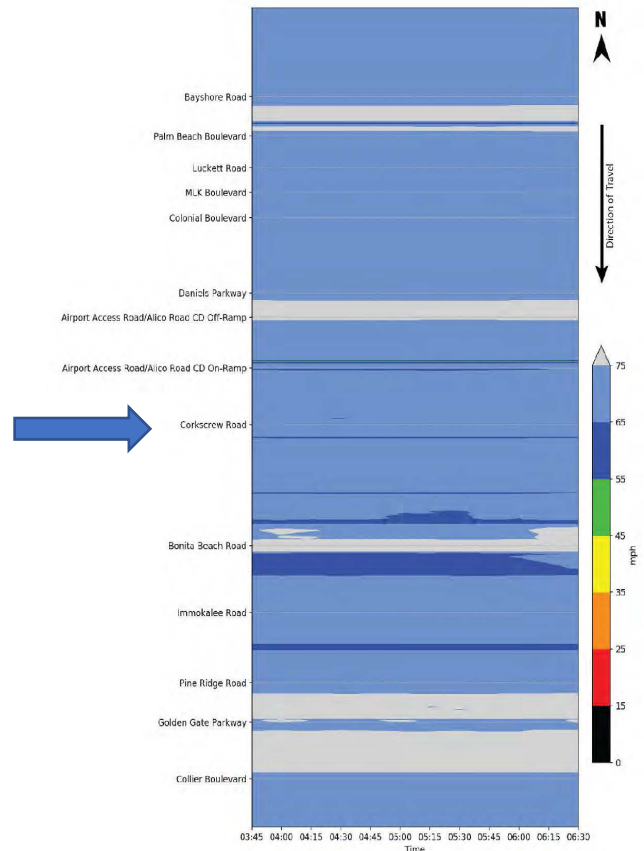


Figure 4.5: I-75 Southbound Speeds – No Build PM Peak Period for Existing Year (2019)

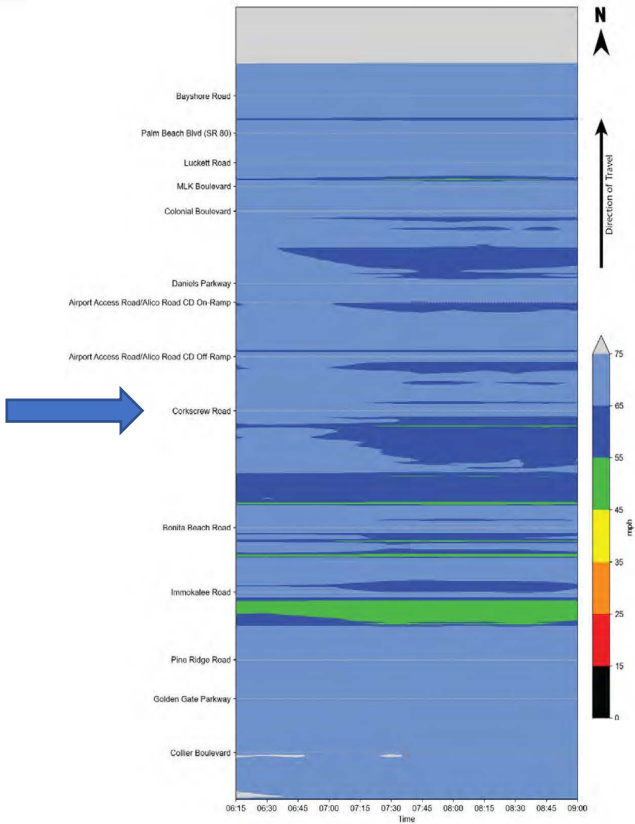


Figure 5.1: I-75 Northbound Speeds – No Build AM Peak Period for Design Year (2045)

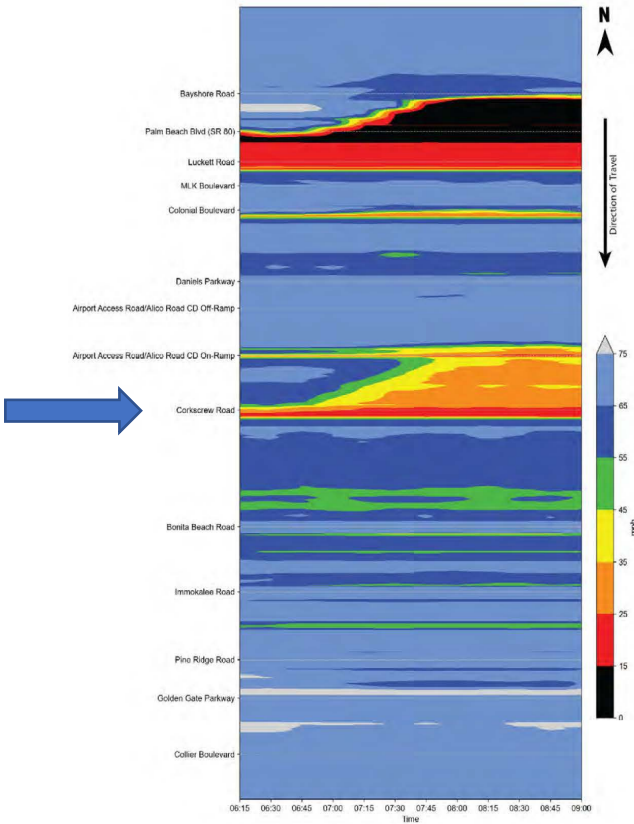


Figure 5.2: I-75 Southbound Speeds – No Build AM Peak Period for Design Year (2045)

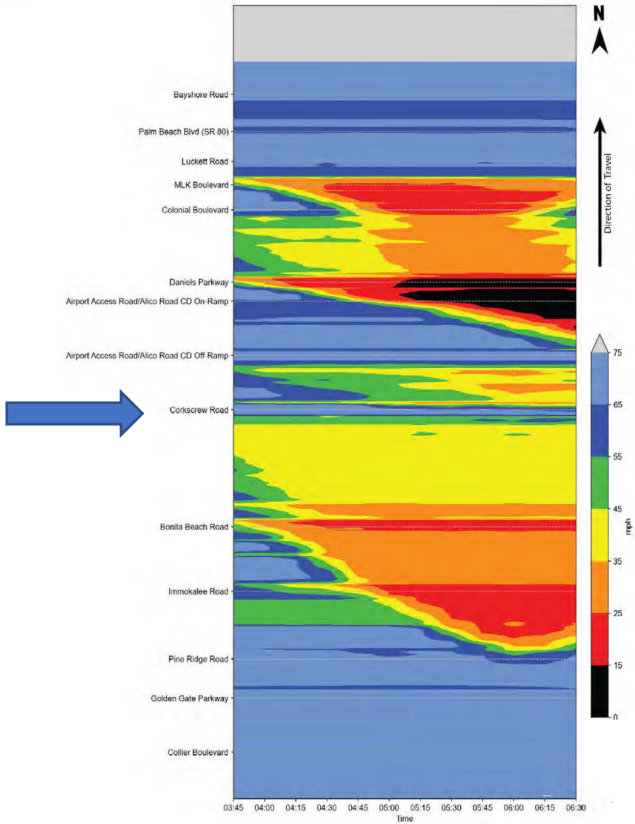


Figure 5.3: I-75 Northbound Speeds – No Build PM Peak Period for Design Year (2045)

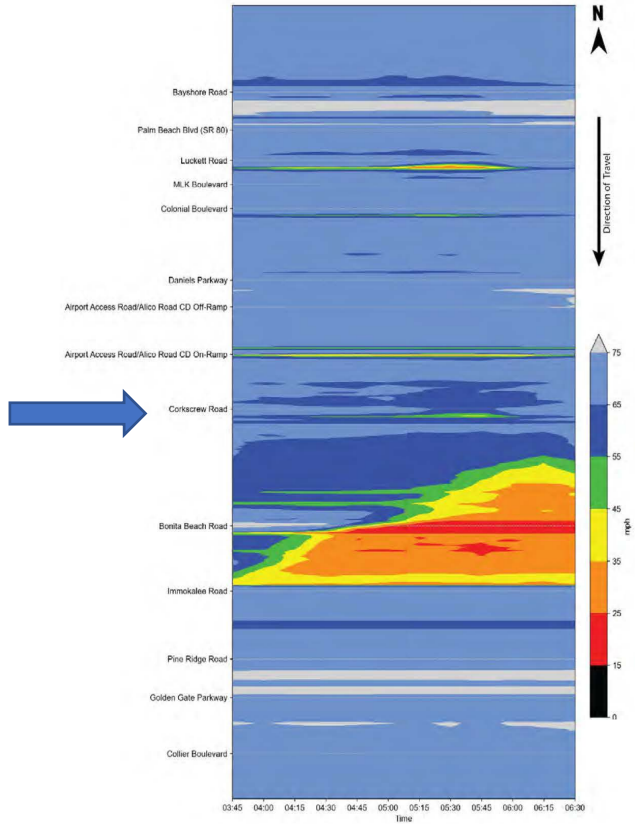


Figure 5.4: I-75 Southbound Speeds – No Build PM Peak Period for Design Year (2045)

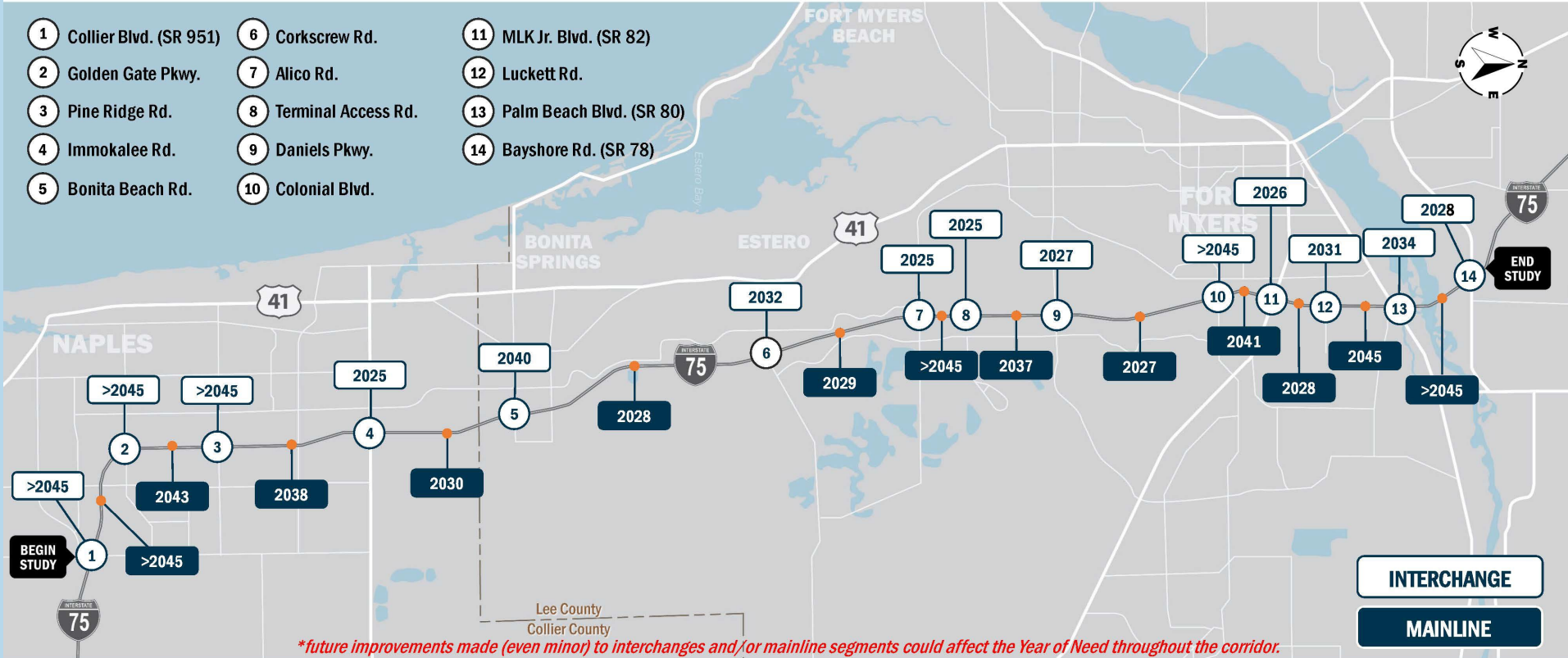


I-75 MASTER PLAN UPDATE (SOUTH CORRIDOR)



2045 NO BUILD YEAR OF NEED

- 1 Collier Blvd. (SR 951)
- 2 Golden Gate Pkwy.
- 3 Pine Ridge Rd.
- 4 Immokalee Rd.
- 5 Bonita Beach Rd.
- 6 Corkscrew Rd.
- 7 Alico Rd.
- 8 Terminal Access Rd.
- 9 Daniels Pkwy.
- 10 Colonial Blvd.
- 11 MLK Jr. Blvd. (SR 82)
- 12 Lockett Rd.
- 13 Palm Beach Blvd. (SR 80)
- 14 Bayshore Rd. (SR 78)



**future improvements made (even minor) to interchanges and/or mainline segments could affect the Year of Need throughout the corridor.*



I-75 Through Estero

Estimated Year of Need:

Alico Rd to Corkscrew Rd:	2029
Corkscrew Rd to Bonita Beach Rd:	2028
Corkscrew Rd Interchange:	2032

PRELIMINARY LIST OF PROPOSED PROJECTS

INTERCHANGE PROJECTS PROPOSED

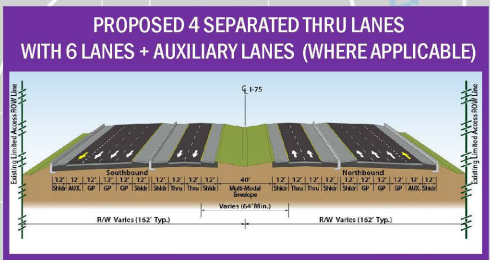
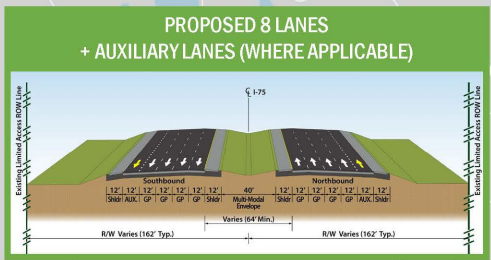
Project Name	Length (miles)	Year of Need	Improvement Type
Immokalee Rd. Interchange	0.491	2025	Interchange Configuration
Bonita Beach Rd. Interchange	0.558	2040	Interchange Configuration
Corkscrew Rd. Interchange	0.585	2032	Improve Adjacent Intersections
Alico Rd. Interchange	2.760	2025	Improve Adjacent Intersections
Terminal Access Rd. Interchange	0.193	2025	Improve with Alico Rd. Interchange
MLK Jr. Blvd. Interchange	0.553	2026	Improve Adjacent Intersections
Luckett Rd. Interchange	0.496	2031	Interchange Configuration Signalize Ramp Terminals
Palm Beach Blvd. Interchange	0.517	2034	Improve Adjacent Intersections
Bayshore Rd. Interchange	0.501	2028	Interchange Configuration

MAINLINE PROJECTS PROPOSED

Project Name	Length (miles)	Year of Need
I-75 from south of Golden Gate Pkwy. to south of Bonita Beach Rd.	11.072	2030
I-75 from south of Bonita Beach Rd. to north of Corkscrew Rd.	7.922	2030
I-75 from north of Corkscrew Rd. to north of Colonial Blvd.	12.611	2027
I-75 from north of Colonial Blvd. to south of Palm Beach Blvd.	4.452	2028

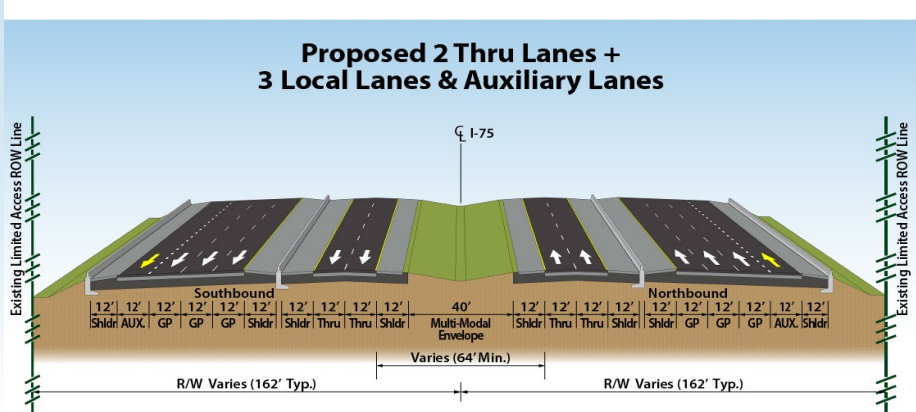
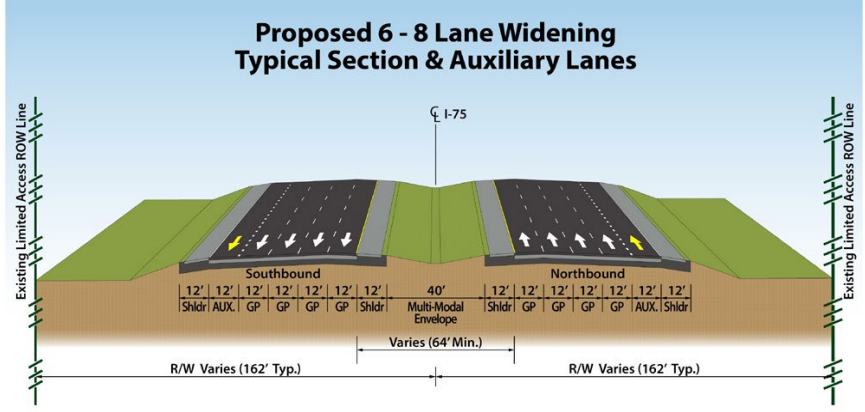
PROPOSED TYPICAL SECTIONS

- 1 Collier Blvd. (SR 951)
- 2 Golden Gate Pkwy.
- 3 Pine Ridge Rd.
- 4 Immokalee Rd.
- 5 Bonita Beach Rd.
- 6 Corkscrew Rd.
- 7 Alico Rd.
- 8 Terminal Access Rd.
- 9 Daniels Pkwy.
- 10 Colonial Blvd.
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I-75 Improvements



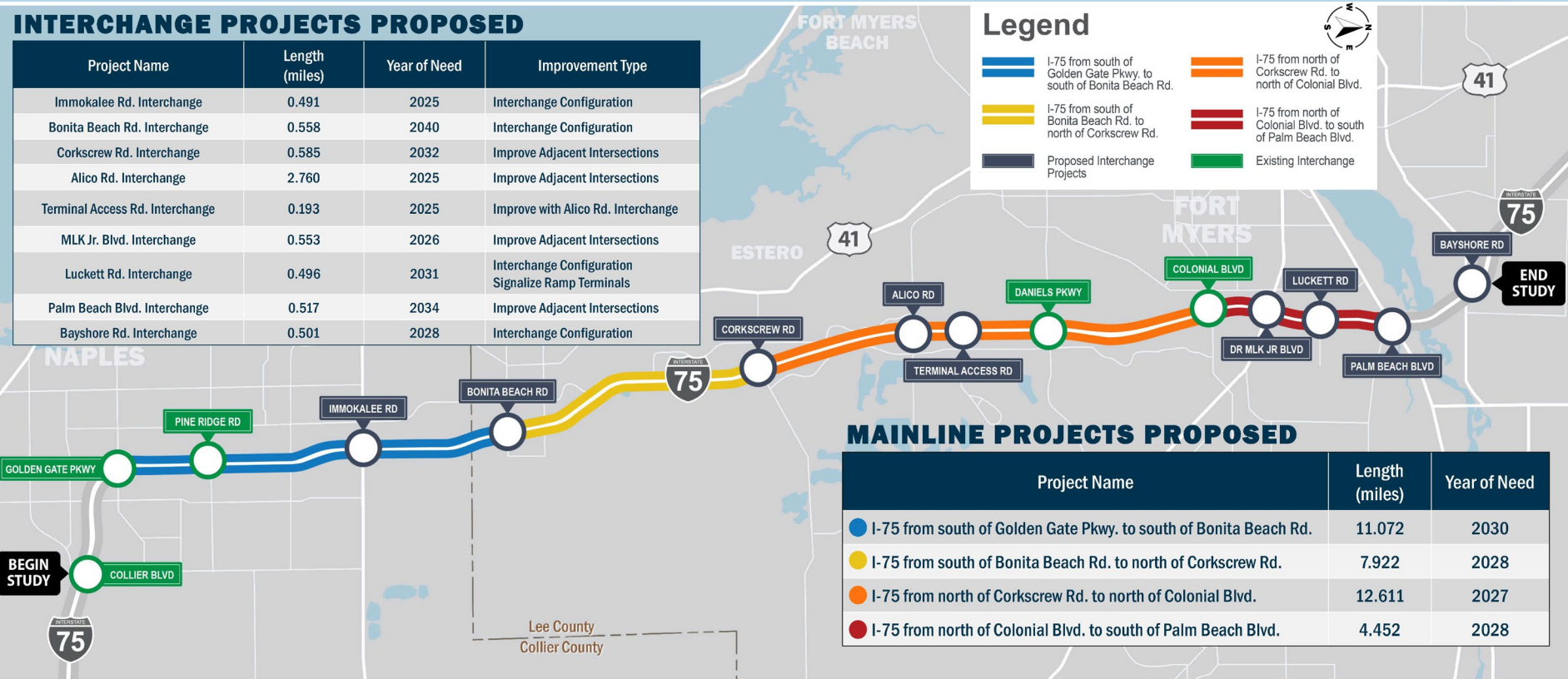


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Legend

- I-75 from south of Golden Gate Pkwy. to south of Bonita Beach Rd.
- I-75 from south of Bonita Beach Rd. to north of Corkscrew Rd.
- Proposed Interchange Projects
- I-75 from north of Corkscrew Rd. to north of Colonial Blvd.
- I-75 from north of Colonial Blvd. to south of Palm Beach Blvd.
- Existing Interchange



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1



Planning and Feasibility

Determine the need for roadway improvements based on future land uses and projected traffic volumes.

2



Project Development and Environment Study

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

3



Design

Design plans are prepared.

4



Right of Way Acquisition

Additional land needed for improvements is purchased, if needed.

5



Construction

Build recommended improvements.



QUESTIONS?