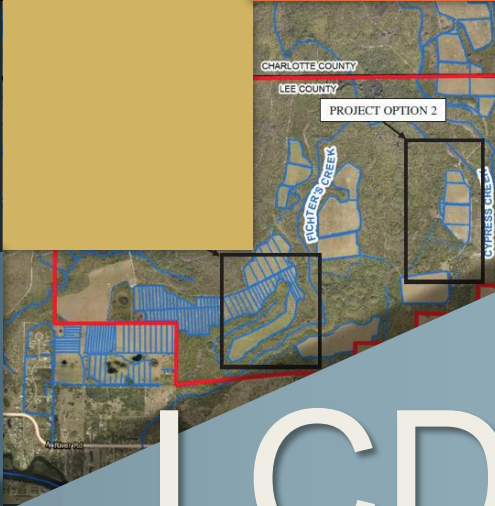




Lee County
Southwest Florida



REIS LUNCHEON PRESENTATION
September 12, 2023

LCDOT Draft CIP & Transportation Projects

COST INCREASES

Tier 1 Projects

- 13 Tier 1 Projects
- 7 Considered Funded Through Construction Phase
- \$532 Million Increase to Tier 1

Causes

- Supply Chain / Inflation
- Construction Cost Increases
- Land Prices

May Affect Project Timing



Ranking Criteria



System Preservation & Asset Maintenance

Existing or Forecasted Service Level Deficiencies



System Continuity

Safety



Multi-Modal Benefits

Donation or Matching Fund Offers
(State/Municipal/Private)



Return on Investment



Tier 1 – Ranking Order

Priority	Project	Updated Ranking	Budgeted / Spent	Phase	Unfunded Balance	Phase	Updated Project Cost
8	Alico 4L Connector, Airport Haul Rd-SR 82	9.8	\$191,220,795	ALL	\$39,272,804	CST	\$230,493,599
1	Three Oaks Pkwy. Extension North to Daniels Pkwy. & Daniels Pkwy. 8L, Apaloosa Ln.-I-75	9.7	\$153,807,205	ALL	\$ -		\$153,807,205
2	Big Carlos Pass Bridge Replacement ⁽¹⁾	9.7	\$102,635,477	ALL	\$-		\$102,635,477
10	Colonial Safety/Intersection Improvements, US 41-McGregor	9.6	\$1,191,255	CST	\$ -		\$1,191,255
12	Midpoint Bridge 6L-Summerlin Flyover	9.6	\$15,473,314	DES	\$279,931,305	ALL	\$295,404,619
11	Cape Coral Bridge Full Replacement 6L	9.1	\$243,948,217	ALL	\$-		\$243,948,217
13	Hickory Bridge Replacements	8.7	\$8,188,912	DES	\$104,121,753	ALL	\$112,310,665
7	Corkscrew Rd. 4L, Ben Hill-Alico Rd. - 2 segments	8.4	\$60,062,579	ALL	\$ -		\$60,062,579
4	Ortiz Ave. 4L, Colonial Blvd.-MLK Blvd.	8.3	\$23,785,345	ALL	\$10,780,834	CST	\$34,566,179
5	Little Pine Island Bridge Replacement	7.9	\$-		\$7,650,000	ALL	\$7,650,000
6	Littleton Rd. 3L, Corbett Rd.-US 41	7.4	\$16,723,642	ALL	\$5,572,090	CST	\$22,295,732
9	Ortiz Ave. 4L, MLK Blvd.-Luckett Rd. & Luckett Rd. 4L, Ortiz Ave.-I-75	6.9	\$14,047,954	DES / ROW	\$43,635,913	DES / CST / CEI	\$57,683,867
3	Lehigh Acres Paving Program	5.6	\$55,398,555	CST	\$44,601,445	CST	\$100,000,000
SUBTOTAL TIER 1			\$886,483,250		\$535,566,144		\$1,422,049,394

¹ \$25M Total replacement from FDOT in FY26, 27, 28

Non-capacity increasing improvements
 Updated score from April 18, 2023 Workshop

Tier 2 – Ranking Order

Priority	Project	Updated Ranking	Budgeted / Spent	Phase	Unfunded Balance	Phase	Updated Project Cost
23	Corkscrew Rd. 4L, Alico Rd.-Verdana Village Ent.	6.9	\$ -		\$90,594,501	ALL	\$90,594,501
14	Orange River Blvd. Bridge Replacement	6.7	\$-		\$6,371,081	ALL	\$6,371,081
15	Burnt Store Rd. 4L, Van Buren-Charlotte Co.	6.4	\$23,000,000	PD&E	\$193,882,067	ALL	\$216,882,067
16	Buckingham Rd. 4L, Cemetery Rd.-Palm Beach	6.3	\$-		\$64,298,343	ALL	\$64,298,343
22	Stringfellow Bridge Replacement (Monroe Canal)	6.1	\$ -		\$3,185,170	ALL	\$3,185,170
19	Corkscrew Rd. 6L, Three Oaks Pkwy.-I-75	5.6	\$-		\$13,595,512	ALL	\$13,595,512
20	Joel Blvd. 17th St W to SR 80	5.6	\$-		\$67,669,116	ALL	\$67,669,116
21	Sunshine Blvd. 4L, 23rd St. SW - Lee Blvd	5.6	\$-		\$48,031,918	ALL	\$48,031,918
17	Ortiz Ave. 4L, Lockett Rd.- Palm Beach Blvd.	5.4	\$11,558,339	DES / ROW	\$37,188,059	DES / CST / CEI	\$48,746,398
18	Veterans Pkwy. 6L, Chiquita Blvd.-Skyline Blvd.	5.4	\$-		\$26,093,058	ALL	\$26,093,058
24	Sunshine Blvd. 4L, Lee Blvd. To 75th St W	5.3	\$-		\$177,872,213	ALL	\$177,872,213
25	Broadway St. (Alva) Bridge Replacement	5.2	\$-		\$26,553,390	ALL	\$26,553,390
26	Homestead Rd. 4L, Milwaukee Blvd.-Sunrise Blvd.	4.9	\$-		\$19,148,138	ALL	\$19,148,138
SUBTOTAL TIER 2			\$34,558,339		\$774,482,566		\$809,040,905

■ Non-capacity increasing improvements

■ Updated score from April 18, 2023 Workshop

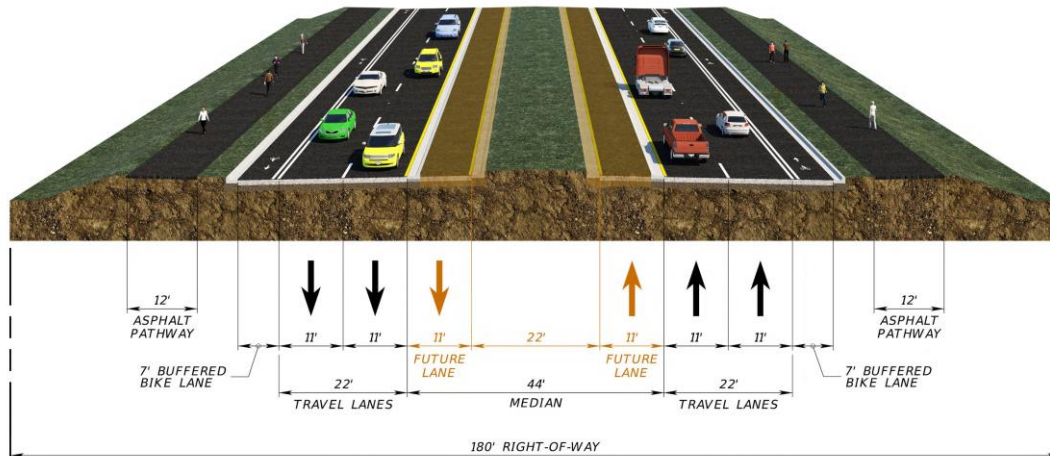
Tier 3 – Ranking Order

Priority	Project	Updated Ranking	Budgeted / Spent	Phase	Unfunded Balance	Phase	Updated Project Cost
30	Corkscrew Rd. 4L , Verdana Village Ent.-County Line	5.9	\$-		\$147,912,842	ALL	\$147,912,842
33	Veterans/Santa Barbara Overpass	5.7	\$-		\$45,500,000	ALL	\$45,500,000
27	Corkscrew Rd. 6L , Firehouse Ln- Bella Terra	5.0	\$-		\$33,783,961	ALL	\$33,783,961
28	Corkscrew Rd. 6L , Bella Terra- Alico Rd.	5.0	\$-		\$40,872,758	ALL	\$40,872,758
29	Sunshine Blvd. 4L Extension, 75th St W to SR 80	4.2	\$-		\$66,621,461	ALL	\$66,621,461
31	Crystal Dr. 2L Ext., Plantation Rd.-Six Mile Pkwy.	3.9	\$-		\$7,471,956	ALL	\$17,471,956
32	Hancock Bridge Pkwy. Bridge Replacement	4.6	\$-		\$9,777,089	ALL	\$9,777,089
34	Harbor Drive (Boca Grande) Bridge Replacement	3.2	\$-		\$2,805,133	ALL	\$2,805,133
35	Bonita Beach Rd. 6L, US 41-Old 41	3.0	\$1,994,332	DES	\$42,601,841	ALL	\$44,596,173
36	Crystal Dr. 3L, US 41-Metro Pkwy.	2.4	\$-		\$30,829,456	ALL	\$30,829,456
SUBTOTAL TIER 3			\$1,994,332		\$438,176,497		\$440,170,829
TOTAL ALL TIERS			\$923,035,921		\$1,748,225,207		\$2,671,261,128

- Non-capacity increasing improvements
- Updated score from April 18, 2023 Workshop

ALICO ROAD CONNECTOR

TYPICAL SECTION



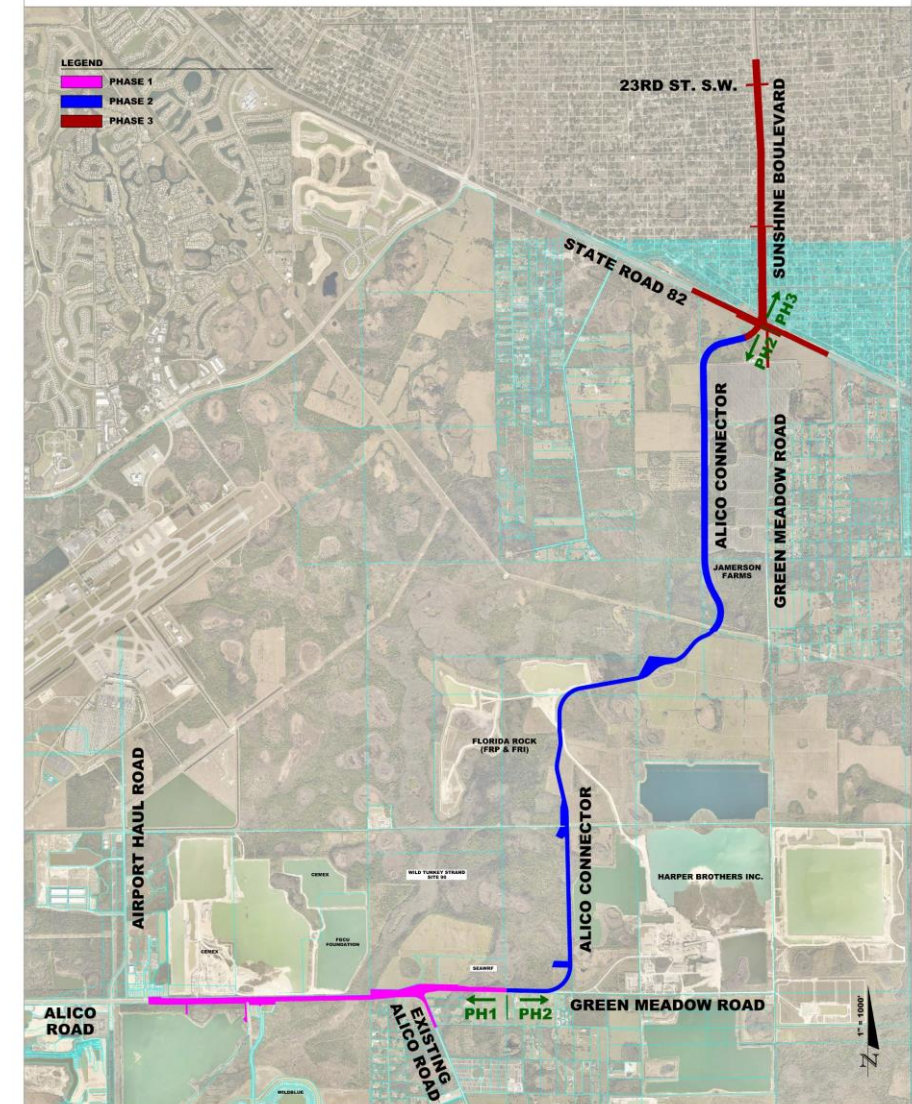
Alico Road Connector - Phase 1

FROM AIRPORT HAUL ROAD THROUGH GREEN MEADOW ROAD

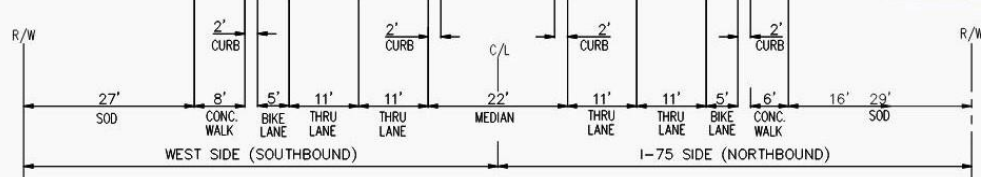
TYPICAL SECTION
LEE COUNTY, FLORIDA
MAY 11, 2023
PROJECT No. 2021140-000



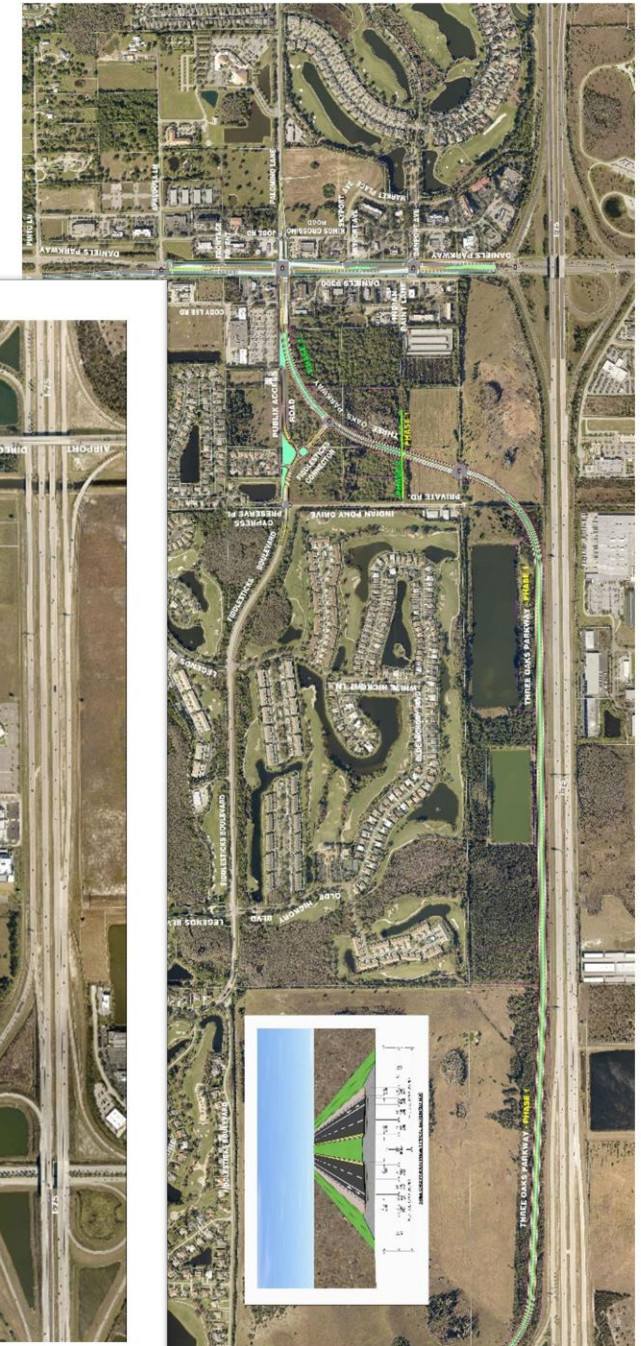
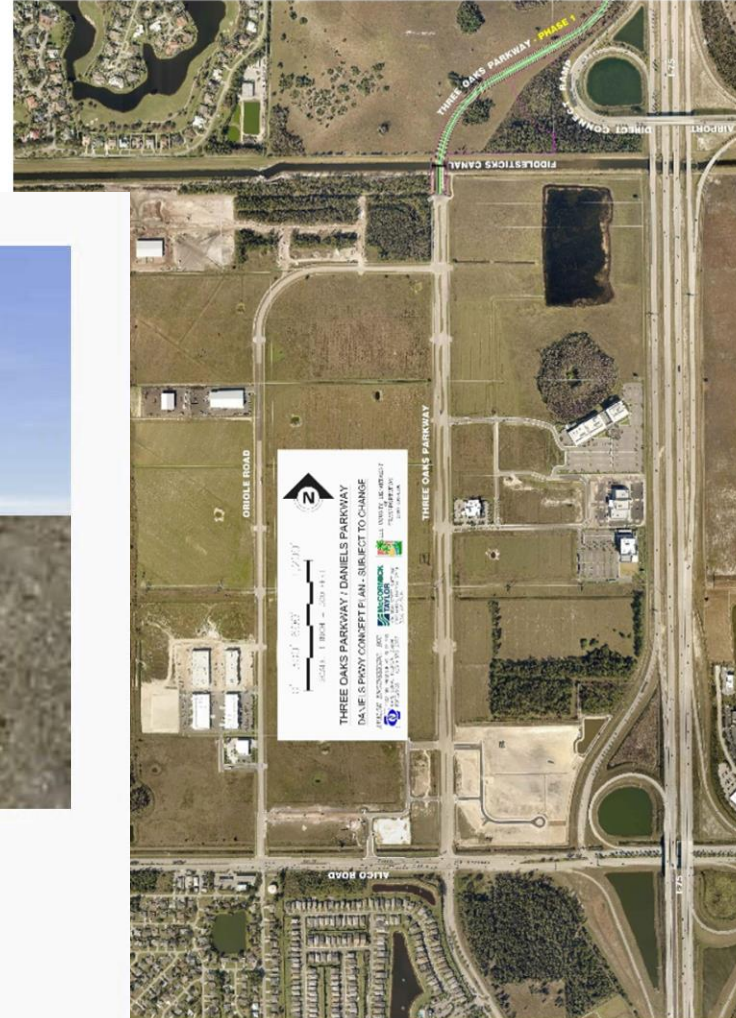
ALIGNMENT



THREE OAKS PKWY EXTENSION



THREE OAKS PARKWAY PHASE 1 TYPICAL SECTION (150' R/W)



BIG CARLOS PASS BRIDGE REPLACEMENT



CAPE CORAL BRIDGE REPLACEMENT

FORT MYERS SIDE

Multi-use Trail

U-Turn under new bridges

Consistent Features

Cape Coral Pkwy: 6-lane Divided Road

EB & WB Multi-use Trails

No R/W Required

Increased Resiliency

Drainage Ponds Under Bridge

Toll Plaza Removed: All Electronic Tolls

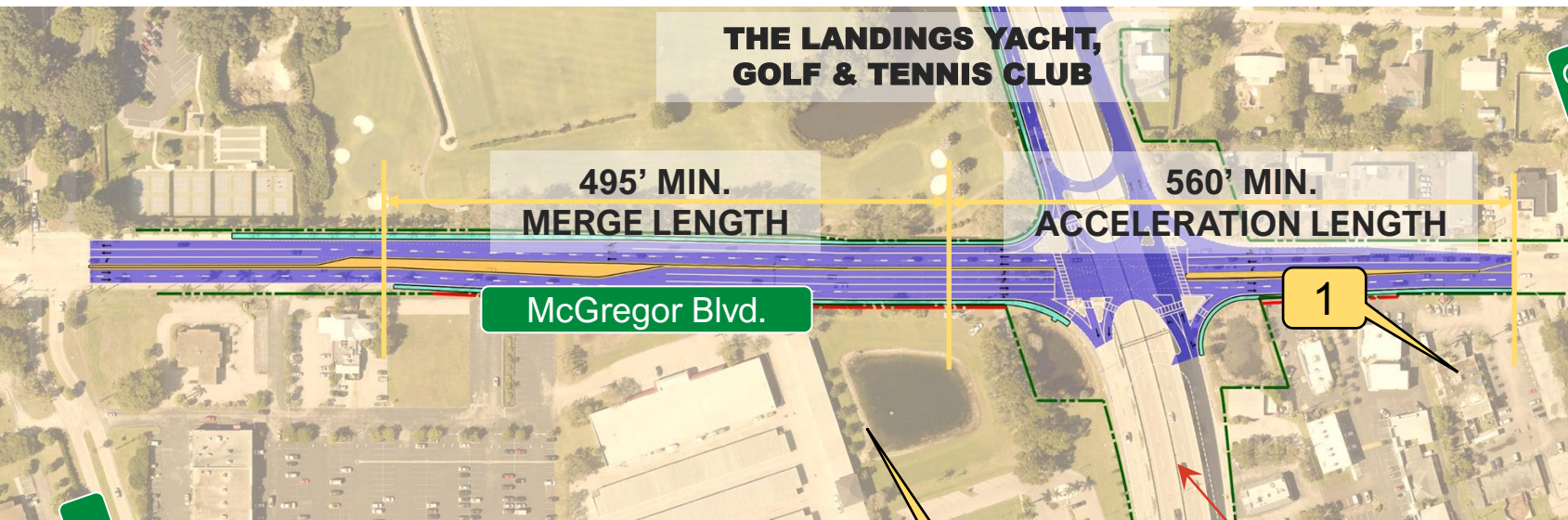
Unique Features

U-turn Under New EB & WB Bridges Over River

No Weaving Required For U-turn Movement

COLLEGE PARKWAY AT MCGREGOR BLVD.

FORT MYERS SIDE



Camelot Dr.

College Pkwy.

3

1

2

R/W IMPACTS

R/W IMPACTS

Pros:

- 1 Free Flow Right Turn Lane (LOS D)
- 2 Intersection Lane Shift Correction
- 3 Lane Transition Correction

Cons:

- R/W Impacts
- Pond Impacts
- Reconstruction (Cost)

PEDESTRIAN BRIDGE

ALTERNATE 1
OBLIQUE NE



Lee County
Southwest Florida



KISINGER CAMPO
& ASSOCIATES



AIM Engineering
& Surveying, Inc.



CORKSCREW ROAD WIDENING



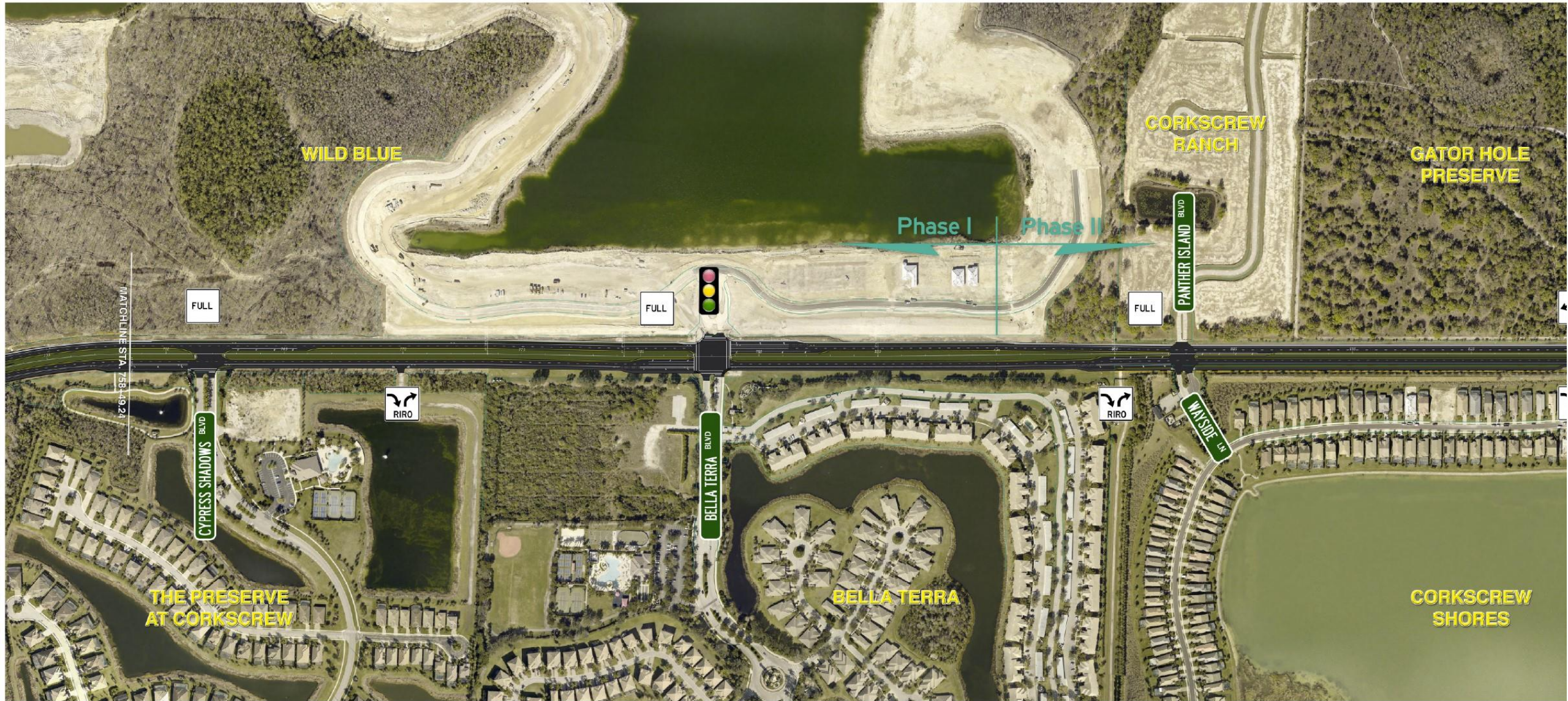
Corkscrew Road Widening Improvements

FROM BEN HILL GRIFFIN PARKWAY TO ALICO ROAD

CORKSCREW ROAD WIDENING



CORKSCREW ROAD WIDENING



Corkscrew Road Widening Improvements

FROM BEN HILL GRIFFIN PARKWY TO ALICO ROAD

CORKSCREW ROAD WIDENING

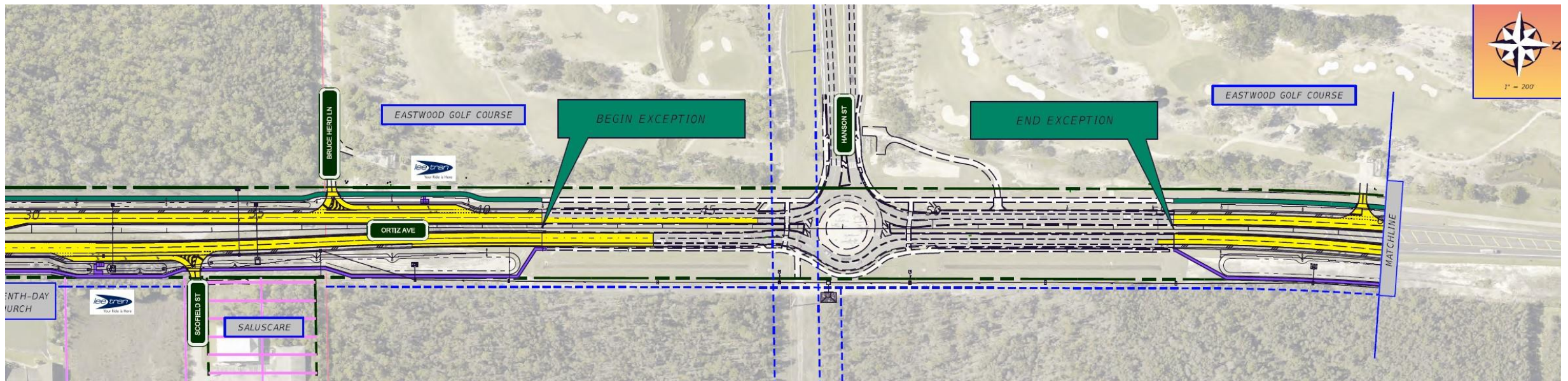
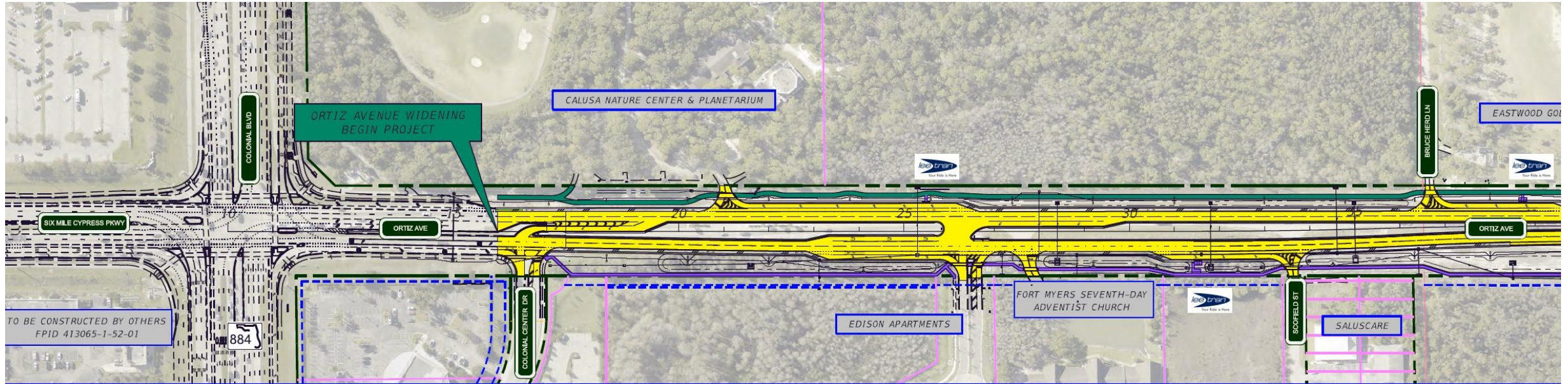


LITTLETON RD 3-LANING

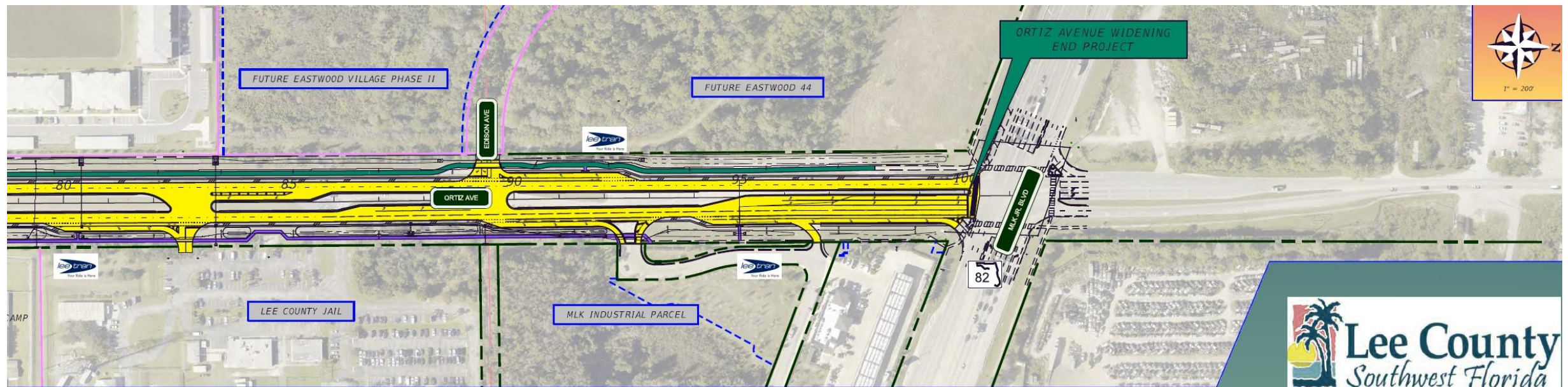
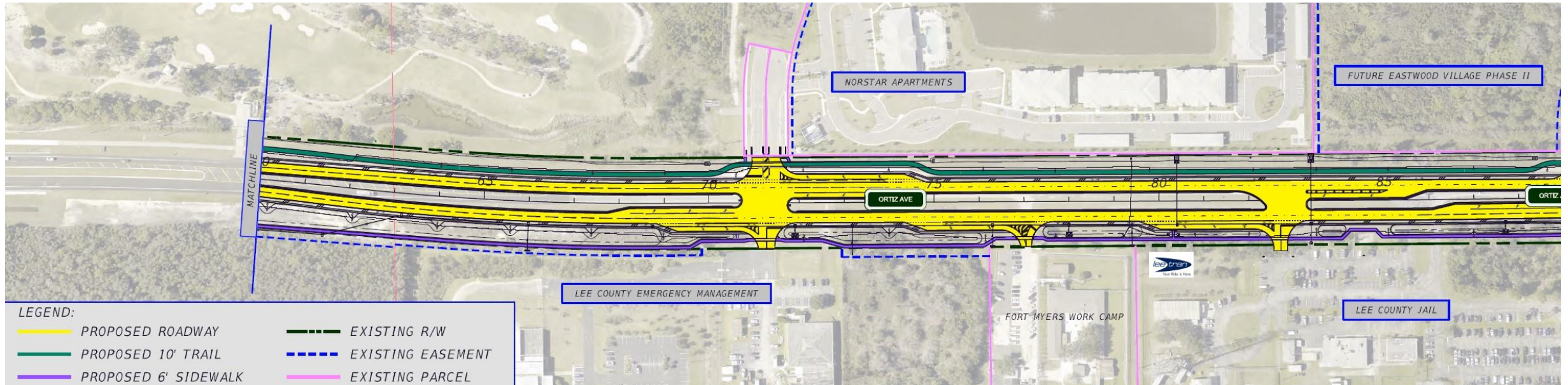


Figure 4-1 - Proposed Three-Lane Typical Section

ORTIZ AVENUE WIDENING



ORTIZ AVENUE WIDENING



Road Widening Project Phasing

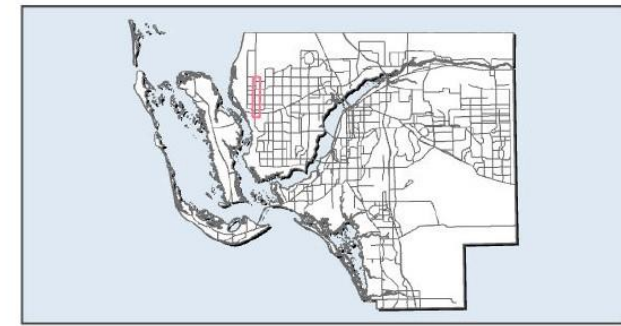
Burnt Store Rd

Future Phase : County Line to Van Buren Pkwy

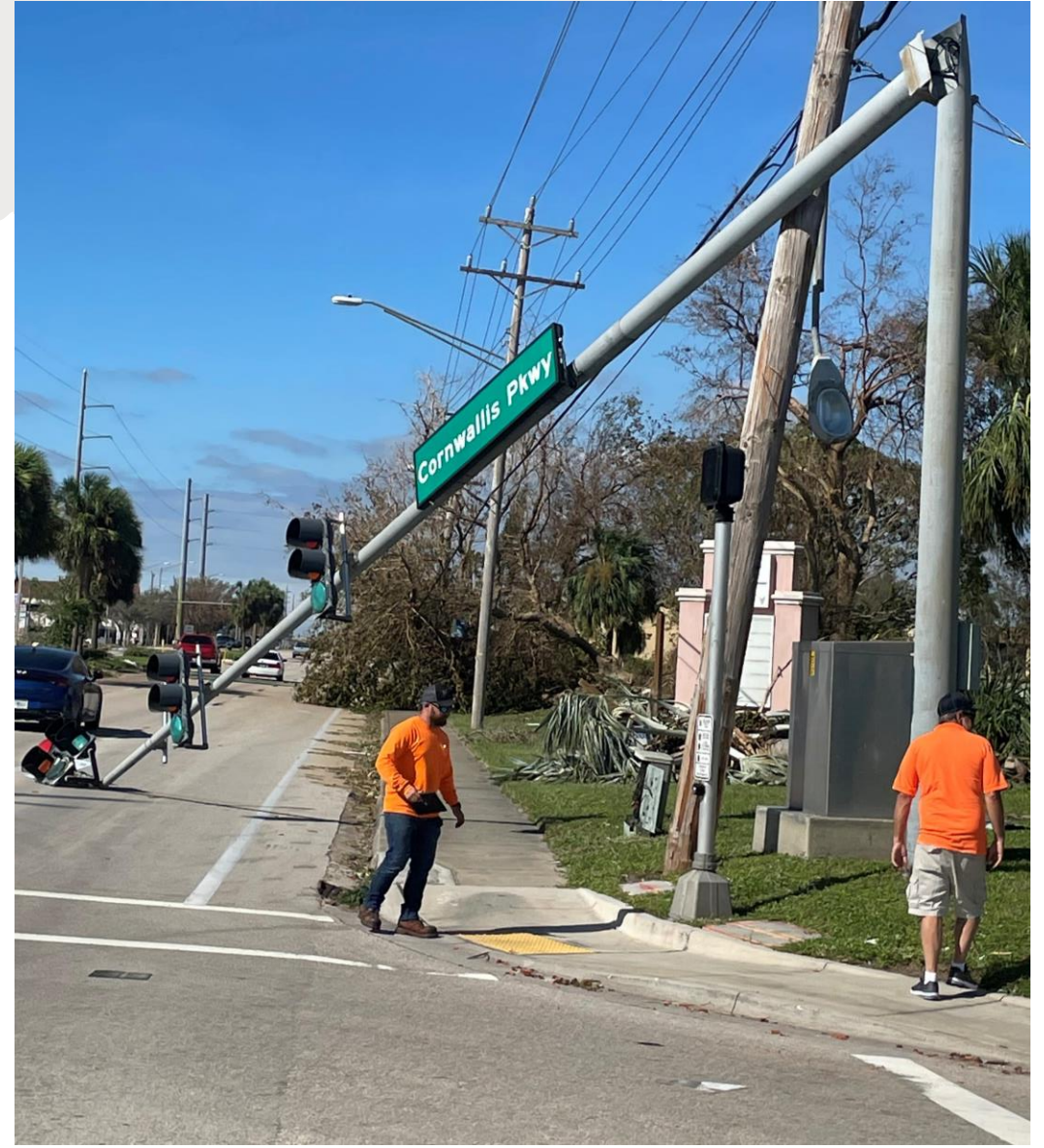
Phase 1 : Van Buren Pkwy to Diplomat Pkwy

Phase 2 : Diplomat Pkwy to Tropicana Pkwy

Phase 3 : Tropicana Pkwy to Pine Island Rd



HURRICANE IAN



HURRICANE IAN IMPACTS

- Damage sustained at 90% of the 447 Countywide signals
- 103 County/City intersections damaged over \$5,000
- 42 signal cabinets with saltwater intrusion
- Contract to the BOCC 9/19
- Total damage to the signal system in the \$8M range
- Damage at 11 county owned bridges
- Legislative appropriations requested and received for much of the County share

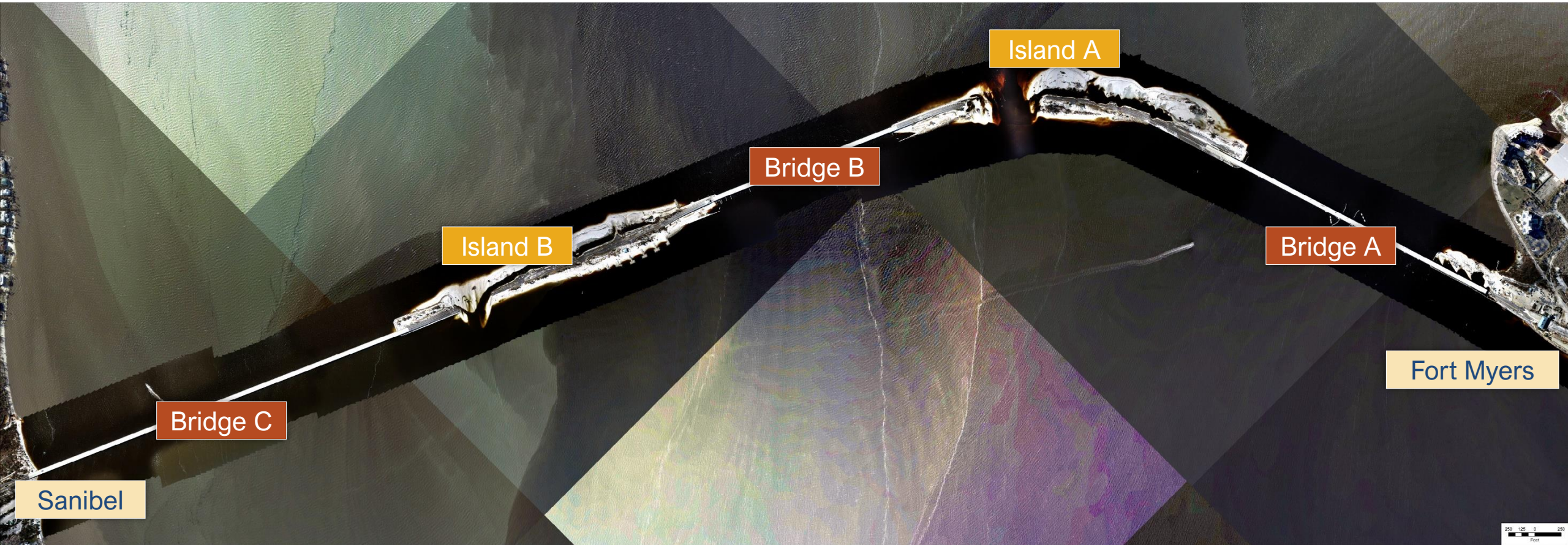


SANIBEL CAUSEWAY REPAIRS



Hurricane Ian Impacts – After

(10/2/2022)





Hurricane Ian Damage

East Approach Collapse

Severed Utilities
Total Seawall Failure
Roadway Cutoff
Major Scour: -21' At East End

West Approach Damage

Roadway Undermined
Soil Loss Behind Seawall
Seawall Damaged Beyond Repair
Major Scour: -11' At West End



FDOT Resiliency Components



Combination of Gabion Baskets and Rip Rap



Sheet Pile Wall with Rip Rap

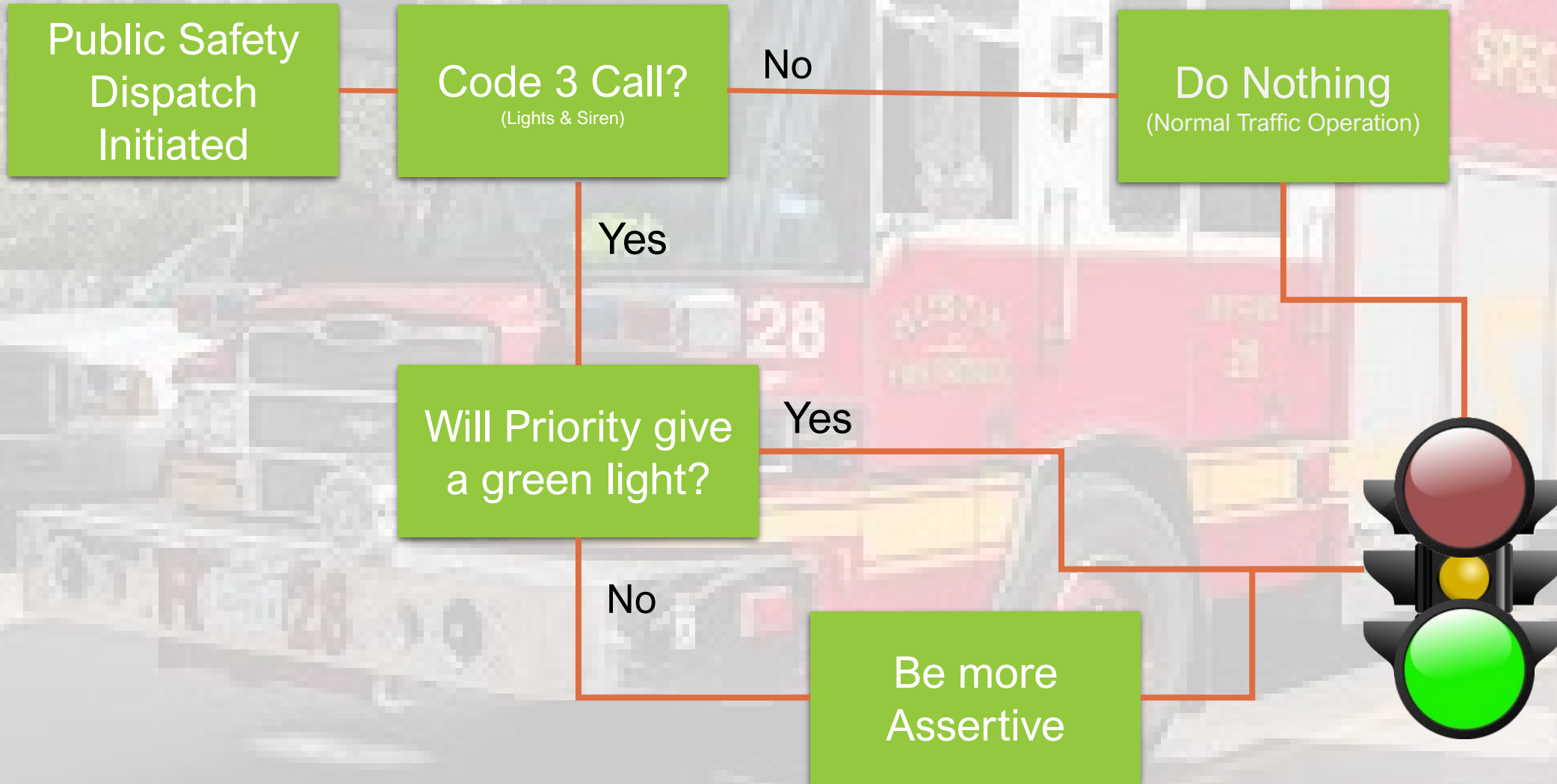


Box Culvert with Rip Rap

INNOVATIVE TRANSPORTATION

- Interconnected traffic signal system
 - Fiberoptic Communication to 98% of the County signals
 - Ability to diagnose signal issues from the TOC
- Real time camera feeds to the media and TOC
 - 150+ pan, tilt, zoom cameras
- BlueTooth travel time readers
- Emergency Preemption
 - South Trail & Iona/McGregor Fire Districts
 - Future Expansion???

Emergency Services



Transit Services

Has the Bus met
the business
rules for a
Priority Request?

No

Yes

Initiate Priority Request

Track Vehicle
until back on
schedule

Do Nothing
(Normal Traffic
Operation)



QUESTIONS