

January 2024

APPROVED

By Lavenia Toole at 12:19 pm, 1/25/24



Florida Department of Transportation – District One

Technical Scope & LRE

Technical Scope and Long-Range Estimate (LRE) for

FPID No. 449681-1

Improvements to the Via Coconut Point Roundabouts at

Pelican Colony Blvd. & Williams Rd.

Village of Estero in Lee County



January 24, 2024

To: Lavenia Toole, PE
 From: Felicia Pannell, PE

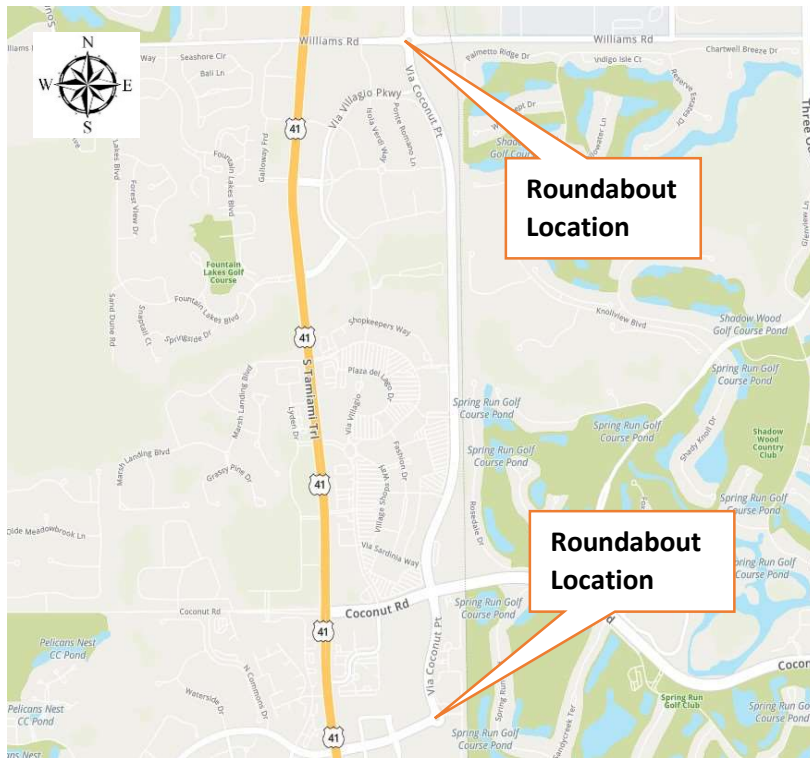
**RE: Improvements to the Via Coconut Point Roundabouts at Pelican Colony Blvd. & Williams Rd.
 TECHNICAL SCOPE**

State Road Number: NA – Off-System
 Section Number: NA – Off-System
 County: Lee
 Project Limits: Via Coconut Point Roundabouts at Pelican Colony Blvd. & Williams Rd.
 Begin MP/End MP: NA – Off-System
 Project Length: 0.096 miles & 0.096 miles
 FPID No.: 449681-1

1. Existing R/W Map Project Numbers:	Parcel Info from Lee Co. Property Appraisers: Pelican Colony Blvd. approx. 100-ft wide Via Coconut Point approx. 100-ft wide Williams Rd. approx. 100-ft wide
2. Old Construction Project Numbers:	NA – Off-System
3. Additional R/W Required?	No
4. Level of Community Awareness Plan:	Level 1
5. Are there any bridges within the limits?	No
6. Are there any RR Crossings within the project limits or in the vicinity?	No
7. Are there any Airports within 5-miles?	No
8. Storm Water Management Jurisdiction:	South Florida Water Management District
9. AADT:	Pelican Colony Blvd. – Not Available Via Coconut Point - 4,900 (2023); Truck 2.5% Williams Rd – 6,100 (2023); Truck 4.1%
10. Is the project a significant archeological site?	No
11. Number of Existing Utilities:	14 Utilities – Bonita Springs Utilities – Sewer, Water, Wastewater; Centurylink – Fiber, Telephone; Comcast – CATV; Crown Castle NG – Fiber; Florida Power & Light – Electric; Hotwire Comm. – CATV, Fiber, Telephone; Lee Co. BOCC – Fiber; Lee Co. Irrigation – Irrigation; Lee Co. Signal Dept. – Communication, Electric, Fiber, Street Lights; Lee Co. Utilities – Reclaimed Water, Wastewater, Water; Lee Memorial Health System – Fiber; Resource Conservation Systems – Irrigation; Summit Broadband – Fiber, Telephone; Teco Peoples Gas – Gas
12. Any Special MOT concerns?	No
13. Any Construction concerns?	No
14. Posted/Design Speed Limits:	PS = 40 mph (Via Coconut Point & Pelican Colony Blvd) PS = 45 mph (Williams Rd.)
15. SIS Facility? / Context Classification:	NA – Off-System

The purpose of the candidate project scope is to support the development of a long-range estimate (LRE) within the 5-year work program. There is a significant amount of planning assumptions made to develop and process the LRE. The district design project manager is responsible for verifying all items in the scope and shall review the project for conformance with all applicable criteria and standards. The Scoping Manager shall be notified of any proposed deviations from the scope. The Scoping Manager shall coordinate the proposed deviations with the scoping team and the District Roadway Design Engineer for approval.

Project Location Map:



Project Abstract

Construct pedestrian improvements for the Via Coconut Point roundabouts at the intersections of Pelican Colony Blvd. & Williams Rd.

The engineer is responsible for verifying all items in the proposed scope and shall review the project for conformance with all applicable criteria and standards. The Scoping Manager shall be notified of any proposed deviations from the scope. The Scoping Manager shall coordinate the proposed deviations with the scoping team and the District Roadway Design Engineer for approval.

Intent and Nature of Project:

Construct pedestrian and bicycle improvements at the Via Coconut Point roundabouts (RABs) located at Pelican Colony Blvd. and Williams Rd. Updated pedestrian and bicycle safety improvements are needed since the RABs’ original construction in 2006-2007. Improvements to the ramps and crosswalks will increase the visibility of pedestrians for vehicles exiting the RAB. Additional improvements include bike safety with the construction of bike lane ramps that will allow safer travel for bicycles traveling out of each RAB’s circulating lanes and onto widened sidewalks and continuing to bicycle ramps exiting the RABs. The improved safety modifications include updated signing and wider sidewalks around the RABs to accommodate bicycles and wheelchairs.

Project Description:

Improvements include the construction of a 10-ft wide sidewalk around both RABs, relocated crosswalks, improved pedestrian and bike ramps, and revised signing and pavement markings for the RABs. Via Coconut Point at Pelican Colony Blvd. and William Rd. is in the Village of Estero, Lee County, Florida. The project length is approximately 0.096 miles at each location. Via Coconut Point at both intersections is a four-lane roadway with bike lanes, curb and gutter, 5-ft sidewalks, and a closed drainage system. The posted speed is 40mph on Via Coconut Point and Pelican Colony Blvd. Williams Rd. has a posted speed of 45 mph. The right-of-way (ROW) width is approximately 100-ft in width on Pelican

Colony Blvd, Via Coconut Point, and Williams Rd according to the Lee Co. Property Appraiser parcel maps.

Roadway Scope Items:

The FDM 2024 and the FY 2024-25 Standard Plans for Road and Bridge Construction were used to develop this scope report.

Construct the safety improvements to the **Via Coconut Point RAB at Pelican Colony Blvd.** Improvements consist of wider sidewalks, relocating crosswalks and pedestrian ramps, adding bike ramps, and milling and resurfacing of the existing pavement markings. Construction of the improvements are as follows:

- Removal of Existing Concrete (total of 628 square yards).
 - Remove existing concrete curb & gutter and existing sidewalk in areas where sidewalk is being widened.
- Regular Excavation (total 64 cubic yards)
 - Excavation for widened sidewalk.
- Mill existing Asphalt Pavement 1 ½" inches (total of 3,696 square yards)
 - Milling of the existing pavement to remove the existing crosswalks and pavement markings.
- Asphaltic Concrete Friction Course, Traffic C, FC-12.5 (total of 305 tons)
 - Resurface the milled area with 1 ½" asphaltic concrete friction course.
- Concrete Curb & Gutter Type F (total of 276 linear feet)
 - Relocate pedestrian curb ramps to approximately 20-ft from the RAB. Construct a curb & gutter median nose in the east bound leg of the RAB to accommodate the relocated pedestrian ramps.
- Concrete Sidewalk, 4-in thick (total of 846 square yards)
 - Install a 10-ft wide concrete sidewalk adjacent to the back of curb of the RAB.
- Concrete Sidewalk, 6-in thick (total of 195 square yards)
 - Install at concrete ramps and driveways.
- Detectable Warnings (total of 16, 256 square yards)
 - Place at all the pedestrian ramps (total of 256 square feet)
- Sod/Turf (total of 173 square yards)
 - Install in areas of removed pedestrian ramps.

Construct safety improvements to the **Via Coconut Point RAB at Williams Rd.** Improvements consist of wider sidewalks, relocating crosswalks and pedestrian ramps, adding bike ramps, and milling and resurfacing of the existing pavement markings. Construction of the improvements are as follows:

- Removal of Existing Concrete (total of 698 square yards).
 - Remove existing concrete curb & gutter and existing sidewalk in areas where sidewalk is being widened.
- Regular Excavation (total 70 cubic yards)
 - Excavation for widened sidewalk.
- Mill existing Asphalt Pavement 1 ½" inches (total of 4,888 square yards)
 - Milling of the existing pavement to remove the existing crosswalks and pavement markings.
- Resurface 1 ½" Asphaltic Concrete Friction Course, Traffic C, FC-12.5 (total of 403 tons)
 - Resurface the milled area with 1 ½" asphaltic concrete friction course.
- Concrete Curb & Gutter Type F (total of 323 linear feet)

- Relocate pedestrian curb ramps to approximately 20-ft from the RAB. Construct a curb & gutter median nose in the east bound leg of the RAB to accommodate the relocated pedestrian ramps.
- Concrete Sidewalk, four-inch thick (total of 1,042 square yards)
 - Install a 10-ft wide concrete sidewalk adjacent to the back of curb of the RAB.
- Concrete Sidewalk, six-inch thick (total of 166 square yards)
 - Install at concrete ramps and driveways.
- Detectable Warnings (total of 24, 400 square yards)
 - Place at all the pedestrian ramps (total of 400 square feet)
- Sod/Turf (total of 382 square yards)
 - Install in areas of removed pedestrian ramps.

Drainage Scope Items:

Drainage at the RABs at Pelican Colony Blvd. and Williams Rd. is a closed drainage system. Stormwater roadway runoff flows along the curb and gutter and collected into curb inlets. The safety improvements to pedestrian ramps and sidewalks should not impact the existing curb inlets. Include a rainy day visit to determine drainage facilities are functioning correctly.

- Inlet Protection System (total of 12 each)
 - Install in areas of milling and resurfacing to protect storm drain inlets from any debris.

Permitting/Environmental Scope Items:

No Environmental Permits are anticipated but coordination with FDOT for determination is recommended during the design phase. These improvements should be an “Exempt Activity” under ERP Chapter 62-330.051 (4) (c).

Utility Scope Items:

Utility coordination will be required to determine if adjustments are necessary to ensure there are no conflicts with the proposed construction.

- Overhead power poles exist along the north side of Williams Rd. at the RAB intersection of Via Coconut Point. The intent is for the existing utility poles to remain. Construction of the sidewalk and safety improvements should avoid impacting the existing utility poles.
- Underground utility locations should be verified during the design phase.

Traffic Scope Items:

Signing and Pavement Markings:

Safety Improvements at the RABs include revising existing signage and pavement markings to meet the current standards. Pavement markings are as follows:

Signs (total of 74 signs):

- Proposed single post signs, up to 12 SF (total of 68 assemblies)
 - Install single post signs at the RAB at Pelican Colony Blvd. (total of 28 assemblies)
 - Install single post signs at the RAB at Williams Rd. (total of 40 assemblies)
- Proposed multi post signs, 21–30 SF (total of 6 assemblies)
 - Install multi post signs at the RAB at Pelican Colony Blvd. (total of 2 assemblies)
 - Install multi post signs at the RAB at Williams Rd. (total of 4 assemblies)

Pavement Markings are as follows:

- Install 6-in wide, 2-4 dotted guideline, white, thermoplastic (total of 0.16 gross miles):
 - Install at RAB at Pelican Colony Blvd. (total of 0.05 gross miles)
 - Install at RAB at Williams Rd. (total of 0.11 gross miles)

- Install 12-in wide, 2-2 dotted extension, white, thermoplastic (total of 0.07 gross miles):
 - Install at RAB at Pelican Colony Blvd. (total of 0.02 gross miles)
 - Install at RAB at Williams Rd. (total of 0.05 miles)
- Install Messages, standard, white, thermoplastic (total of 13 each):
 - Install at RAB at Pelican Colony Blvd. (total of 5 each)
 - Install at RAB at Williams Rd. (total of 8 each)
- Install Directional Arrows, standard, white, thermoplastic (total of 32 each):
 - Install at RAB at Pelican Colony Blvd. (total of 12 each)
 - Install at RAB at Williams Rd. (total of 20 each)
- Install 18-in wide, solid, yellow, thermoplastic (total of 109 linear feet):
 - Install at RAB at Pelican Colony Blvd. (total of 36 linear feet)
 - Install at RAB at Williams Rd. (total of 73 linear feet)
- Install 12-in wide, preformed, solid, white, thermoplastic crosswalks (total of 659 linear feet):
 - Install at the crosswalks at RAB at Pelican Colony Blvd. (total of 269 linear feet)
 - Install at the crosswalks at RAB at Williams Rd. (total of 390 linear feet)
- Install 24-in wide, preformed, solid, white, thermoplastic stop bars (total of 639 linear feet):
 - Install at the crosswalks at RAB at Pelican Colony Blvd. (total of 266 linear feet)
 - Install at the crosswalks at RAB at Williams Rd. (total of 373 linear feet)
- Install 6-in wide, solid, white, thermoplastic (total 0.70 gross miles):
 - Install at RAB at Pelican Colony Blvd. (total of 0.32 gross miles)
 - Install at RAB at Williams Rd. (total of 0.38 gross miles)
- Install 6-in wide, solid, yellow, thermoplastic (total 0.58 gross miles):
 - Install at RAB at Pelican Colony Blvd. (total of 0.29 gross miles)
 - Install at RAB at Williams Rd. (total of 0.29 gross miles)

Lighting Scope Items:

Lighting currently exists at the RABs at Pelican Colony Blvd. and Williams Rd. Additional lighting is not anticipated for this project.

- Light Pole, Relocate (total of 1 each)
 - Relocate light pole within the proposed sidewalk at the southeast quadrant of Williams Rd. & Via Coconut Point.
- Conduit, Open Trench (total of 10 linear feet)
- Lighting Conductors (total of 30 linear feet)

Geotechnical Scope Items:

Geotechnical work is NOT anticipated to be performed. Contact District Materials to coordinate.

Structural Scope Items:

Per FDM 261.7, an ancillary structures report shall be provided for all existing sign, signal, lighting, and ITS support structures within the project limits.

Multi-Modal Transportation Scope Items:

Currently bike lanes and a 5-ft wide sidewalk exist along Via Coconut Point and the RABs at Pelican Colony Blvd. and Williams Rd. Currently Bus Route 600 makes select trips only along Via Coconut Point, but no bus stop are located at the RABs of Pelican Colony Blvd. and Williams Rd.

Right-of-Way Scope Items:

The existing right-of-way width on is approximately 100-ft wide on Pelican Colony Blvd, Via Coconut Point, and Williams Rd according to the Lee County Parcel maps.

Design Variation/Exception:

Design Variations/Exceptions are NOT anticipated for construction of the safety improvements and sidewalk.

Survey Required:

Obtain 3D Design Survey, collecting data for each RAB intersection and the entire roadway from right-of-way line to right-of-way line for an approximated distance of a half mile in each roadway's direction from the center of each RAB.

Scope Analysis for Social and Environmental Issues
500-foot Project Buffer Area

FPID No:	449681-1	County:	Lee	City:	Village of Estero
Project Limits:	Via Coconut Point Rd. at Pelican Colony Blvd. and Williams Rd.				
Section:	Off System	Length of Project:	0.096		
Begin Milepost:	N/A	End Milepost:	N/A		
Scope:	Roundabout improvements including the construction of a 10-ft wide sidewalk around both roundabouts, relocated crosswalks, improved pedestrian and bicycle ramps, and revised signing and pavement markings				
Review Date:	1/2/2024 – B. Feagle	Anticipated NEPA COA:	Type 1 CE		

Elements with Potential Cost/Schedule Impacts

- **Cultural:** Cultural/historical evaluation and State Historic Preservation Officer (SHPO) coordination will be necessary.
- **Floodplain:** Project activities must not adversely impact (fill) floodplain storage.
- **Florida scrub-jay:** Per the Florida Department of Transportation (FDOT) *Programmatic Approach for Minor Transportation Activities*, if scrub-jay play-call surveys are not conducted between March 1st and October 31st, the area is assumed to be occupied habitat. FDOT must adhere to the avoidance and minimization measures regarding vegetation removal or alteration.

Social and Economic

Land Use

- The five major land uses within the project buffer area include low-rise multiple dwelling units, commercial and services under construction, open land, improved pastures, and roads and highways.
- No impacts to land use are anticipated as the proposed work is expected to occur within the existing right-of-way.

Social

- The project buffer area has 13 households with a population of 24 people.
- The median household income is \$77,709 with 4.17% of the population below poverty level. The median household income of the project area is higher than the median household income for Lee County (\$69,368).
- The minority population makes up 50% of the total population of the area with 10 people claiming a “Hispanic or Latino of Any Race” ethnicity. There is no claimed limited English proficiency (LEP) population.
- Housing within the project buffer area consists of multi-family units (53%), single-family units (35%), and mobile home units (12%) that are owner-occupied (59%), vacant (24%), and renter-occupied (17%).
- No social resources exist within the project buffer area.
- Standard Specifications will require maintenance of access to adjacent properties.

- No impacts to social or community resources are anticipated as the proposed work is expected to occur within the existing right-of-way.

Relocation Potential

- Residential land use consists of 7.06 acres of low-rise multiple dwelling units within the project buffer area.
- Commercial and services account for 6.15 acres of the project buffer area.
- No impacts to residential or commercial properties are anticipated as the proposed work is expected to occur within the existing right-of-way.

Farmlands

- The project buffer area contains no farmlands.

Aesthetic Effects

- The project buffer area contains no aesthetic effects.

Economic

- The project buffer area contains two Developments of Regional Impact.
- No impacts to economic resources are anticipated as the proposed work is expected to occur within the existing right-of-way.

Mobility

- The project buffer area contains no mobility resources.

Cultural

Historic and Archaeological Sites (note: results of a basic screening)

- No project-specific Cultural Resource Assessment Survey (CRAS) has been completed.
- CSX Railroad (Site ID# LL02445), a Florida Master Site File (FMSF) Resource Group is located within the project buffer area. The resource has been determined to have insufficient information for listing.
- One FMSF Field Survey conducted in 1996 is located within the project buffer area.
- The project buffer area includes no structures built before 1970.
- Although the proposed project will occur within the generally disturbed right-of-way, cultural/historical evaluation and SHPO coordination will be necessary to address the existing historical/cultural resources, any areas outside of the existing right-of-way (if applicable), and other possible resources not able to be identified in the desktop review.
- No impacts to historic and archaeological sites are anticipated as the proposed work is expected to occur within the existing right-of-way.

Recreational and Protected Lands

- The project buffer area contains no recreational or protected lands.

Natural

Wetlands and Surface Waters

- The project buffer area contains minimal palustrine (freshwater pond) National Wetland Inventory Areas.
- No impacts to wetlands and surface waters are anticipated as the proposed work is expected to occur within the existing right-of-way.

Water Resources

- The project buffer area contains one water not attaining standards, one waterbody with verified impairment, and two waterbodies.
- The project buffer area includes interaction with the surficial aquifer system and discharge/less than 1 area of the Floridian Aquifer.
- No impacts to water resources are anticipated as the proposed work is expected to occur within the existing right-of-way.

Floodplains

- 15.5 acres (43%) of the project buffer area is located within the 100-year floodplain.
- Project activities must not adversely impact (fill) floodplain storage.

Protected Species and Habitat

- The project is located within the US Fish and Wildlife Service (USFWS) consultation areas for the American crocodile, Florida bonneted bat, snail kite, and Florida scrub-jay.
- *American crocodile*: Suitable habitat for the crocodile includes brackish or saltwater habitats and mangrove swamps. The project buffer area does not contain suitable habitat and no in-water work is proposed; therefore, no impacts are anticipated for the American crocodile.
- *Florida bonneted bat*: The project does not appear to contain potential foraging or roosting habitat. Foraging habitat is relatively open areas to find and catch prey that includes open water, wetlands, shrubs, and agricultural lands. Potential roosting habitat includes forest and other areas with tall, mature trees or other areas with suitable roost structures. Per the October 2019 USFWS *Consultation Key for the Florida Bonneted Bat*, the project is expected to result in a determination of *no effect* for the Florida bonneted bat.
- *Snail kite*: Snail kite inhabit shallow freshwater marshes and shallow grassy shorelines of lakes. The project area does not contain suitable habitat for this species and is expected to result in a determination of *no effect* for the snail kite.
- *Florida scrub-jay*: The project area does not appear to contain potential suitable habitat for the Florida scrub-jay and the project is expected to result in a determination of *no effect*. However, per the FDOT *Programmatic Approach for Minor Transportation Activities*, if the project scope of work includes vegetation management including clearing and grubbing, widening pavement, sidewalk or path construction, or drainage modifications, the project is expected to result in a determination of *may affect not likely to adversely affect*. If vegetation will be removed or altered, scrub-jay play-call surveys must be conducted between March 1st and October 31st, or the area will be assumed to “occupied habitat” and FDOT must adhere to the avoidance and minimization measures regarding vegetation removal or alteration.
- *Wood stork*: The project is located within the 18.6-mile core foraging area of three wood stork colonies: Corkscrew, Caloosahatchee River East, and Caloosahatchee River West. Suitable

foraging habitat includes waterbodies and wetlands that have shallow, open water areas that have a permanent or seasonal water depth of two to 15 inches that can support small fish, frogs, and other aquatic prey. There is no suitable foraging habitat, and the project is not within 0.47 miles of an active colony; therefore, per the FDOT *Programmatic Approach for Minor Transportation Activities*, this project is expected to result in a determination of *no effect* for the wood stork.

- The project is located within the frequent black bear range.
- The project is located within the Southwest Coast Ecosystem Management Area.
- Adverse impacts to listed or protected species are not anticipated.

Coastal and Marine

- The project buffer area contains no coastal and marine resources.

Physical

Noise

- The project buffer area contains no potential noise or vibration sensitive sites.

Air Quality

- This portion of Lee County has not been designated as nonattainment or maintenance for ozone, carbon monoxide, particulate matter, or any of the National Ambient Air Quality Standards (NAAQS) in accordance with the Clean Air Act.

Contamination (note: results of a basic screening)

- The project buffer area contains no potential contamination resources.

Infrastructure

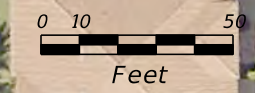
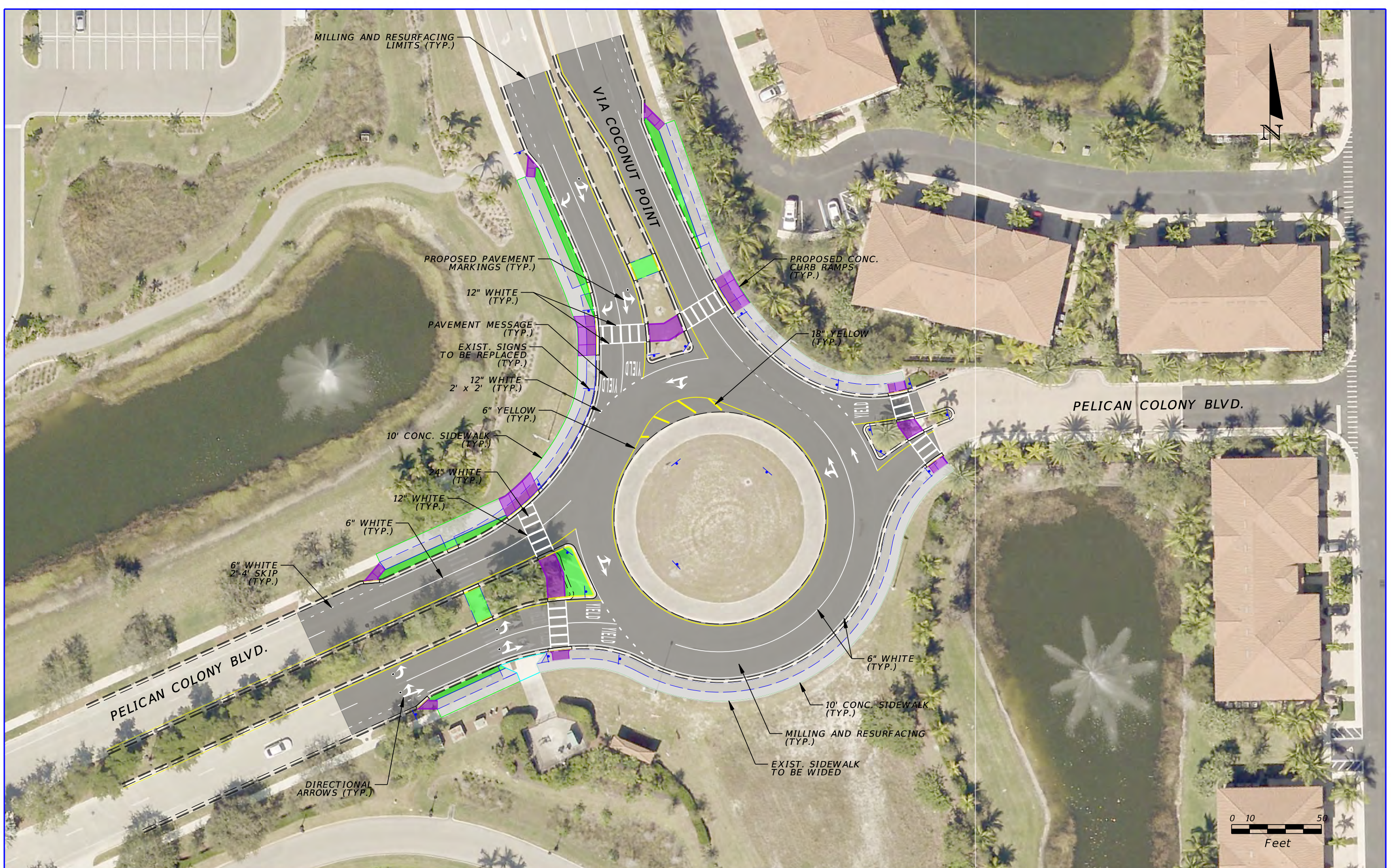
- The project buffer area contains one railroad.
- Various buried underground and overhead electric utilities are present within and adjacent to the project (utility relocations are possible pending scope development).
- No impacts to infrastructure are anticipated as the proposed work is expected to occur within the existing right-of-way.

Navigation

- The project buffer area contains no navigation resources.

Special Designations

- The project buffer area contains no special designation resources.

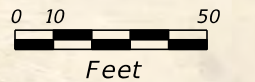
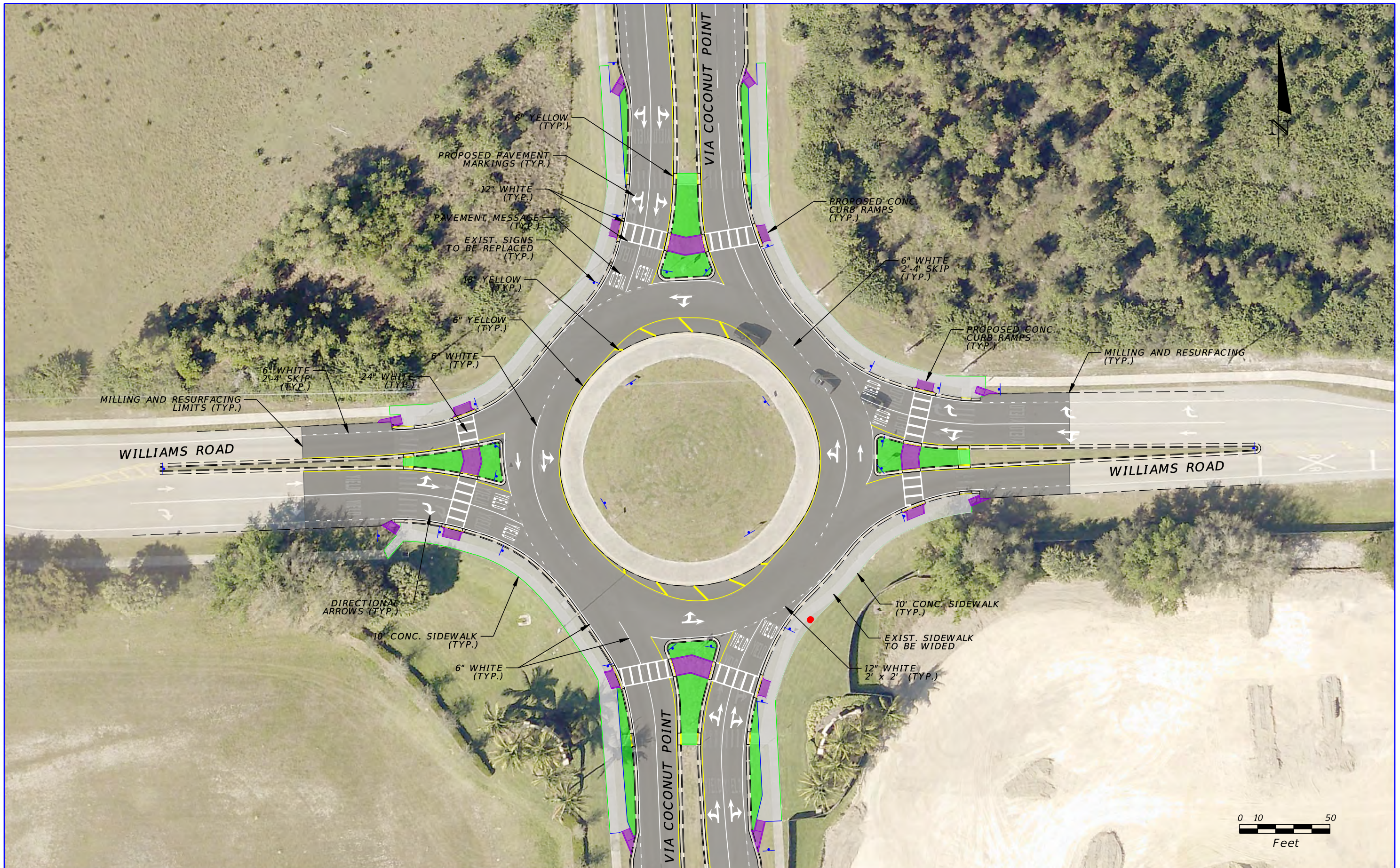


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NA	LEE	449681-1

CONCEPT PLAN SHEET

SHEET NO.
1



REVISIONS		REVISIONS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CONCEPT PLAN SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				NA	LEE	449681-1		2

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 449681-1-52-01

Letting Date: 07/2026

Description: VIA COCONUT POINT ROUNDABOUT FROM COCONUT RD TO CORKSCREW RD

District: 01

County: 12 LEE

Market Area: 10

Units: English

Contract Class: 1 Lump Sum Project: N

Design/Build: N

Project Length: 1.000 MI

Project Manager: JMK-

Version 5-P Project Grand Total

\$642,244.45

Description: March 2023 Unit Cost Updates from Version 3P - 3/23/23

Sequence: 1 MIS - Miscellaneous Construction

Net Length:

1.000 MI

5,280 LF

Description: Improvements for RAB at Via Coconut Point & Pelican Colony Blvd

ROADWAY COMPONENT

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-4-10	REMOVAL OF EXIST CONC	628.00	SY	\$37.44	\$23,512.32
120-1	REGULAR EXCAVATION	64.00	CY	\$21.11	\$1,351.04
327-70-6	MILLING EXIST ASPH PAVT,1 1/2" AVG DEPTH	3,696.00	SY	\$5.84	\$21,584.64
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	305.00	TN	\$175.83	\$53,628.15
520-1-10	CONCRETE CURB & GUTTER, TYPE F	276.00	LF	\$33.82	\$9,334.32
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	846.00	SY	\$50.60	\$42,807.60
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	195.00	SY	\$76.39	\$14,896.05
527-2	DETECTABLE WARNINGS	256.00	SF	\$24.82	\$6,353.92
570-1-2	PERFORMANCE TURF, SOD	173.00	SY	\$5.56	\$961.88
711-11-141	THERMOPLASTIC, STD, WHITE, DOT GUIDE, 6"	0.05	GM	\$2,423.87	\$121.19
711-11-144	THERMO, STD, WHITE, 2-2 DOT EXT,12"	0.02	GM	\$5,347.15	\$106.94
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	5.00	EA	\$116.46	\$582.30
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	12.00	EA	\$70.29	\$843.48
711-11-224	THERMOPLASTIC, STD, YELLOW, SOLID, 18"	36.00	LF	\$4.87	\$175.32
711-14-123	THERMOPLASTIC, PREFORM, WHITE, SOLID,12"	269.00	LF	\$9.19	\$2,472.11
711-14-125	THERMOPLASTIC, PREFORM, WHITE, SOLID,24"	266.00	LF	\$14.30	\$3,803.80
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.32	GM	\$4,723.45	\$1,511.50
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.29	GM	\$5,762.79	\$1,671.21

Roadway Component Total

\$185,717.77

SHOULDER COMPONENT

User Input Data

Description **Value**

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-18	INLET PROTECTION SYSTEM	6.00	EA	\$111.59	\$669.54
Shoulder Component Total					\$669.54

SIGNING COMPONENT

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	28.00	AS	\$476.18	\$13,333.04
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	2.00	AS	\$4,840.85	\$9,681.70
Signing Component Total					\$23,014.74

Sequence 1 Total **\$209,402.05**

Sequence: 2 MIS - Miscellaneous Construction

Net Length: 1.000 MI
5,280 LF

Description: Improvements for RAB at Via Coconut Point & Williams Rd

ROADWAY COMPONENT

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-4-10	REMOVAL OF EXIST CONC	698.00 SY	\$37.44	\$26,133.12
120-1	REGULAR EXCAVATION	70.00 CY	\$21.11	\$1,477.70
327-70-6	MILLING EXIST ASPH PAVT,1 1/2" AVG DEPTH	4,888.00 SY	\$5.84	\$28,545.92
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	403.00 TN	\$175.83	\$70,859.49
520-1-10	CONCRETE CURB & GUTTER, TYPE F	323.00 LF	\$33.82	\$10,923.86
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	1,042.00 SY	\$50.60	\$52,725.20
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	166.00 SY	\$76.39	\$12,680.74
527-2	DETECTABLE WARNINGS	400.00 SF	\$24.82	\$9,928.00
570-1-2	PERFORMANCE TURF, SOD	382.00 SY	\$5.56	\$2,123.92
711-11-141	THERMOPLASTIC, STD, WHITE, DOT GUIDE, 6"	0.11 GM	\$2,423.87	\$266.63
711-11-144	THERMO, STD, WHITE, 2-2 DOT EXT,12"	0.05 GM	\$5,347.15	\$267.36
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	8.00 EA	\$116.46	\$931.68
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	20.00 EA	\$70.29	\$1,405.80
711-11-224	THERMOPLASTIC, STD, YELLOW, SOLID, 18"	73.00 LF	\$4.87	\$355.51
711-14-123	THERMOPLASTIC, PREFORM, WHITE, SOLID,12"	390.00 LF	\$9.19	\$3,584.10
711-14-125	THERMOPLASTIC, PREFORM, WHITE, SOLID,24"	373.00 LF	\$14.30	\$5,333.90
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.38 GM	\$4,723.45	\$1,794.91
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.29 GM	\$5,762.79	\$1,671.21
Roadway Component Total				\$231,009.05

SHOULDER COMPONENT

User Input Data

Description Value

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-18	INLET PROTECTION SYSTEM	6.00 EA	\$111.59	\$669.54
Shoulder Component Total				\$669.54

SIGNING COMPONENT

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	40.00 AS	\$476.18	\$19,047.20
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	4.00 AS	\$4,840.85	\$19,363.40
Signing Component Total				\$38,410.60

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	Value
Spacing	MAX

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	10.00 LF	\$13.98	\$139.80
715-1-12	LIGHTING CONDUCTORS, F&I, INSUL,NO.8-6	30.00 LF	\$1.85	\$55.50
715-68-000	LIGHT POLE COMPLETE, RELOCATE	1.00 EA	\$3,840.24	\$3,840.24
Lighting Component Total				\$4,035.54

Sequence 2 Total				\$274,124.73
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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 449681-1-52-01

Letting Date: 07/2026

Description: VIA COCONUT POINT ROUNDABOUT FROM COCONUT RD TO CORKSCREW RD

District: 01 **County:** 12 LEE **Market Area:** 10 **Units:** English

Contract Class: 1 **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.000 MI

Project Manager: JMK-

Version 5-P Project Grand Total **\$642,244.45**

Description: March 2023 Unit Cost Updates from Version 3P - 3/23/23

Project Sequences Subtotal **\$483,526.78**

102-1	Maintenance of Traffic	15.00 %	\$72,529.02
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101-1	Mobilization	10.00 %	\$55,605.58
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Project Sequences Total **\$611,661.38**

Project Unknowns	5.00 %	\$30,583.07
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Design/Build	0.00 %	\$0.00
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Project Non-Bid Subtotal **\$0.00**

Version 5-P Project Grand Total **\$642,244.45**