

# BICYCLE PEDESTRIAN COORDINATING COMMITTEE

10:00 a.m., Tuesday, June 23, 2015  
Fort Myers Regional Library, Room A  
1651 Lee Street, Fort Myers, FL 33901  
239-244-2220



## AGENDA

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### Call to Order/Roll Call

### Pledge of Allegiance

- 1) \*Approval of the May 26, 2015 BPCC Meeting Minutes

### New Business

- 2) +Discussion on the Cost Increase for the US 41 Bike Lane Project
- 3) ADA and PROWAG Overview
- 4) Long Range Transportation Plan Update
- 5) Lee County Tour De Park Route Issues

### Old Business

- 6) Staff Update on the TIGER Grant Project and other ongoing MPO Projects

### Other Business

- 7) Public and Member Comments on Items not on the Agenda
- 8) Local Government Reports on Bicycle Pedestrian Related Projects
- 9) LeeTran Report
- 10) FDOT Report
- 11) Announcements
- 12) Information and Distribution Items

### Adjournment

**Next BPCC Meeting**  August 25, 2015

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\* Action Items + May Require Action

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status. Persons who require special accommodations under the Americans with Disabilities Act or persons who require translation services (free of charge) should contact Mr. Johnny Limbaugh at the Lee MPO at 239-330-2242 or by email at [jlimbaugh@leempo.com](mailto:jlimbaugh@leempo.com) at least seven (7) days prior to the meeting. If you are hearing or speech impaired call (800) 955-8770 Voice / (800) 955-8771 TDD. The MPO's planning process is conducted in accordance with Title VI of the Civil Rights Act of 1964 and related statutes. Any person or beneficiary who believes he has been discriminated against because of race, color, religion, sex, age, national origin, disability, or familial status may file a complaint with the Lee County MPO Title VI Coordinator Johnny Limbaugh at (239) 330-2242 or by writing him at P.O. Box 150045, Cape Coral, Florida 33915-0045.

**MINUTES OF THE LEE COUNTY MPO BICYCLE PEDESTRIAN  
COORDINATING COMMITTEE**

**Held on May 26, 2015**

The meeting of the Bicycle Pedestrian Coordinating Committee was held on May 26, 2015 at the Fort Myers Regional Library, Room A, 1651 Lee Street, Fort Myers.

Those in attendance included:

Andy Getch	LCDOT
Anna Bielawska	LeeTran
Avelino Cancel	City of Fort Myers
Dan Moser	Injury Prevention Council
Diane Holm	Injury Prevention Council
Isobel Hitchcock	Member - At – Large
Jason Lamey	LC Parks
Jennifer Hagen	City of Bonita Springs
Linda Carter	CAC
Lee Wailer	Lee County Parks
Mark Tesoro	Lee Memorial
Ryan Shute	Member At-Large
Sally Kirkland	City of Sanibel
Stephen Jansen	CTST
Steve Chupack	Member At-Large

Others in attendance included Ron Gogoi and Don Scott with the Lee County MPO; D’Juan Harris with FDOT; Darla Letourneau with BikeWalkLee; Officer John Kulko with CCPD; Dawn Huff and Nancy Crocker with Lee County School District; Rob Phelan with LCDOT; Lisa Indovino with All Children’s Hospital.

**CALL TO ORDER**

Ms. Linda Carter called the meeting to order at 10:00 am.

**AGENDA ITEM #1 – APPROVAL OF THE APRIL 21, 2015 BPC MEETING MINUTES**

Mr. Gogoi called out changes to the minutes including the addition of Andy Getch and Soloane Jackson under the list of attendees.

**MOTION BY MR. GETCH TO APPROVE THE APRIL 21, 2015 BPC MEETING MINUTES. SECONDED BY MS. HAGEN. MOTION CARRIED UNANIMOUSLY.**

## **NEW BUSINESS**

### **AGENDA ITEM #5– STATUS UPDATE ON THE FINAL DESIGN PLANS FOR ESTERO BOULEVARD IMPROVEMENTS**

Mr. Phelan provided a status update on the Estero Boulevard improvements. He stated that construction on the first segment would begin soon and that it would take 14 months to complete. The ROW there is 50' and the design calls for 9' wide sidewalks so as to accommodate both pedestrians and bicyclists. Sharrows will be marked on the pavement. The Town had asked for a 2' wide landscaping strip from the back of the curb for its aesthetic appeal but that will compromise the sidewalk width. There were objections to the inclusion of the landscaping strip from committee members as that will cause sight obstruction and compromise safety. Storm surge may wipe out the landscaping. It was also reported that there were encroachments issues on the segment to the south that they were trying to resolve.

### **AGENDA ITEM #2– DISCUSSION ON COST INCREASES OF SR 80 SHARED USE PATH PROJECT**

Mr. Gogoi reported on the cost increases of the SR 80 Shared Use Path. He stated that committed funds in the Work Program is \$1.56 Million. The costs have now gone up to \$3.5 Million. In addition, the MPO asked FDOT to transfer \$800,000 of the original funds to meet the shortfall of the Leeland Heights Blvd. Construction would have to be staged, and that Phase I would be from Buckingham Road to Tropic Avenue. A Phase II construction for \$1.4 Million could be submitted as a bike ped priority this year, and a third phase could be submitted in a later year.

The committee expressed their desire to pursue the construction of a shared use path, and left it to staff to work with FDOT to stage the construction as it sees best.

### **AGENDA ITEM #3– REVIEW AND APPROVAL OF MULTIMODAL BOX FUND PRIORITIES**

Mr. Gogoi provided an overview of the staff recommended priorities for the multimodal box fund priorities. He suggested that the committee consider combining the two Veterans Parkway Shared Use Path project as one project.

**MOTION BY MR. GETCH TO COMBINE THE TWO VETERANS PARKWAY PROJECTS INTO ONE PROJECT AND APPROVE THE PRIORITIES AS SUGGESTED BY STAFF. SECONDED BY MR. TESORO. MOTION CARRIED UNANIMOUSLY.**

### **AGENDA ITEM #4 – REVIEW AND APPROVAL OF LEE MPO TA PRIORITIES**

**MOTION BY MR. GETCH TO APPROVE THE PRIORITIES AS SUGGESTED BY STAFF. SECONDED BY MR. JANSEN. MOTION CARRIED UNANIMOUSLY.**

**AGENDA ITEM #6 – DISCUSSION ON BRIDGE REPLACEMENT PROJECTS IN THE MPO’S LRTP UPDATE**

Mr. Scott gave a short overview of the bridges that have been identified in the CIP and included in the presentations of the 2040 Long Range Plan development of. The bridges include Big Carlos Pass Bridge, Big Hickory Pass Bridge, Little Carlos Pass Bridge, New Pass Bridge, Cape Coral Bridge (westbound span), Little Pine Island Pass Bridge, and SR 80 at Billy’s Creek

**AGENDA ITEM #7 – DISCUSSION ON GABBY’ LAW FOR STUDENT SAFETY**

Ms. Huff gave an overview of Gabby’s law for student safety and the changes to the Florida hazardous walking condition criteria resulting from it. She also explained the current Lee County School District process in identifying hazardous walking conditions where a roadway is evaluated based on complaints from parents. The changes now do not require a complaint from parents to start the process and that school district staff could evaluate a roadway any time. It was decided that the school district ask the legal department to analyze the new requirements and report back to the committee.

**OLD BUSINESS**

**AGENDA ITEM #7 – STAFF UPDATE ON THE TIGER GRANT PROJECT AND OTHER ONGOING MPO PROJECTS**

Mr. Scott provided an update on the ongoing TIGER funded Lee County Complete Streets Initiative project. Before and after construction bike ped data would be collected using Miovision cameras as part of the performance measure requirement.

Mr. Gogoi reported that staff had contacted Eco Counter to review bike ped counters and reported on pneumatic tube and Pyro Box counters and their pricing and how they work. The MPO was looking into purchasing them, and they could be used for monitoring bike ped traffic which could be used in the Mayors Challenge.

**OTHER BUSINESS**

**AGENDA ITEM #8 – PUBLIC AND MEMBER COMMENTS ON ITEMS NOT ON THE AGENDA**

Mr. Getch reported that the County’s BPAC will be discussing the point scoring system for bike ped projects, and that they will discuss the hazardous walking conditions criteria.

Ms. Huff reported that that there were no wellness policy of students but there was a parent guide for code of conduct for students. It includes the helmet law that requires children below 16 years to wear helmets. Some schools are enforcing the helmet law by calling parents of students who rode their bikes to school without a helmet and asking them to bring a helmet. Otherwise the student would not be allowed to ride back home. She also reported that legally they cannot cite students/students. There was a suggestion

from a member of the public that schools should write letters to parents and asking them to make sure their children wore helmets. Ms. Huff stated she would investigate that.

Mr. Cancel reported that the City of Fort Myers installed bike lanes on one side of 2<sup>nd</sup> Street from Fowler to Seaboard. The City also installed sidewalks on Van Buren, Marsh Avenue and Winkler Avenue.

Officer Kulko reported that a summer camp for children will be held in June or July at Oasis School with a focus on bicycle pedestrian safety.

Ms. Letourneau reported that while Gabby's Law passed Passidomo's bill on bike ped safety did not.

### **AGENDA ITEM #9 – LOCAL GOVERNMENT REPORTS**

Officer Kulko reported that as part of the HVE grant the Cape PD made 700 contacts both at schools, and at bike zones in the City. In reference to the earlier discussion on making it mandatory for school kids to wear a helmet while riding their bikes to school, he informed the committee that if the student is ticketed for not wearing a helmet, he will have to pay a \$59 dollar fine, and his driver's license will be suspended if he does not pay the fine.

Ms. Letourneau reported on the status of HB 231 on bike bed safety, and announced a ride on May 1<sup>st</sup>. Florida Bicycle Association will be coming to town to give a special award to Dan Moser.

### **AGENDA ITEM #10 – LEETRAN REPORT**

None

### **AGENDA ITEM #11 – FDOT REPORT**

Mr. Harris reported that FDOT would be installing a Walk Your Bike Imprint on the pavement at the base of the Matanzas Pass Bridge for bicyclists using the sidewalk on the east side of the bridge. They will use the same rectangular shaped imprint used in one of the Sarasota bridges.

### **AGENDA ITEM #12 – ANNOUNCEMENTS**

None

### **AGENDA ITEM #13 – INFORMATION AND DISTRIBUTION ITEMS**

None.

The meeting adjourned at 12:00 Noon.

## **DISCUSSION ON THE COST INCREASE FOR THE US 41 BIKE LANE PROJECT**

**RECOMMENDED ITEM:** Provide input and staff direction on the implementation of the US 41 Bike Lane Project from San Carlos Boulevard to SR 739, considering that construction costs have now jumped from \$1.14 Million to \$3,922,743 Million.

FDOT has been updating the cost estimates of the projects in Lee County which are included in the Work Program. So far they have provided us revised costs of 8 projects. While costs have significantly increased in three (3) projects, there was only a slight increase in one and a decrease in the remaining four (4). **Attachment A** includes a table of the updated costs.

Two of the projects with significant cost increases include the Leeland Heights Boulevard Sidewalk and the SR 80 Shared Use Path which we addressed at the May BPCC meeting. The third project with significant cost increase is the US 41 Bike Lane project in south Lee County from San Carlos Boulevard to SR 739 (Michael G. Rippe Parkway). The original costs have increased from \$1.14 Million to approximately \$4 million.

FDOT's scope (**Attachment B**) calls for 7' wide buffered bike lanes which would require 3' pavement widening on both sides of the roadway to accommodate bike lanes and keyholes (lane diets from 12' to 11' cannot be considered as the design speed for this segment is > 45 mph), and concrete bus pads. The MPO's original request called for conventional 5' bike lanes (and bicycle keyholes) but the recent changes to the Plans Preparation Manual (PPM) now require consideration of buffered bike lanes on reconstructed roadways. On 3R projects however, the PPM does provide flexibility in the choice of bicycle lane types and the width of buffered bicycle lanes in 3R projects with the options in the order of priority being as follows:

1. 7' buffered bicycle lane
2. 6' buffered bicycle lane
3. 5' conventional bicycle lane
4. 4' conventional bicycle lane

We have been told that safety considerations led FDOT to choose the 7' buffered lanes for this project. In addition, FDOT's scope now includes reconstruction of sidewalks, milling and resurfacing, drainage work resulting from the pavement widening, and ADA improvements. This scope of work mimics a typical scope of work for a 3R (Resurfacing, Restoration, Rehabilitation) project which FDOT typically implements with District Dedicated Revenues as part of road maintenance project (or not usually coming out of the Lee MPO allocated federal funds).

The \$4 million price tag is higher than the total multimodal box funds that we set aside in a single year for bicycle/pedestrian, traffic operations and transit improvements. Staff is seeking input and direction from the committee at the June 23<sup>rd</sup> BPCC meeting as to how this project should be handled. Normally road resurfacing on a high volume roadway is done by FDOT after every 10-12 years and staff is researching when this section was done previously.

**PROGRAMMED PROJECTS AND UPDATES COSTS**

FPN #	Project	From	To	Improvements	PE	CST	Funds Committed	New Costs	Difference	Adjusted Difference
4332381	Leeland Heights Blvd	Georgia Road	Richmond Ave	6' SW (North Side)	Ongoing	FY 2016	\$ 1,004,178	\$ 1,804,178	\$ 800,000	\$ -
4298231	SR 80	Shoreland Dr	Buckingham Rd	10 SUP (North Side)	Ongoing	FY 2016	\$ 1,564,852	\$ 3,350,000	\$ 1,785,148	\$ 2,585,148
430887-1	McGregor Blvd SW	Royal Pam Square Blvd	Colonial Blvd	6' SW (East Side)	FY 2016-17	FY 2018	\$ 411,138	\$ 464,727	\$ 53,589	\$ 53,589
431324-1	Jeffcott St SW	US 41	Fowler ST	5' SW (South Side)	FY 2017	FY 2019	\$ 460,597	\$ 314,762	\$ (145,835)	\$ (145,835)
435358-1	Connecticut St SW	Estero Blvd	Estero Bay	6' SW (South Side)	FY 2017	FY 2019	\$ 345,664	\$ 248,550	\$ (97,114)	\$ (97,114)
436931-2	US 41 SW	Littleton Rd	Fork Rd	5' SW (East Side)	FY 2018	FY 2020	\$ 631,560	\$ 607,249	\$ (24,311)	\$ (24,311)
436931-1	US 41 SW	SR 78	Littleton Rd	5' SW (East Side)	FY 2018	FY 2020	\$ 1,000,263	\$ 671,188	\$ (329,075)	\$ (329,075)
430888-1	US 41 Bike Lanes	San Carlos Blvd	Mike G. Rippe Pkwy	7' Bufered BL	FY 2016-17	FY 2018	\$ 1,114,713	\$ 3,922,743	\$ 2,808,030	\$ 2,808,030
									<b>\$ 4,850,432</b>	<b>\$ 4,850,432</b>

**Note:**

MPO asked FDOT to transfer \$800,000 from the SR 80 project to meet the funding shortfall of the Leeland Heights Blvd project.  
 SUP - Shared Use Path; SW - Sidewalk; BL - Bike Lanes



May 2015

**Attachment B**



# Florida Department of Transportation - District One LRE and Scope Analysis

## Long Range Estimate (LRE) and Scope for FPID 430888-1 – Adding Bicycle Lane and Keyhole on U.S. 41, Fort Myers - Lee County, Florida



Prepared For: Florida Department of  
Transportation  
District One

**FDOT Project Number:** 430888-1-52-01

**Project Description:**

Fill in the missing gap of bicycle lane and add keyhole treatment at right-turn lanes along U.S. 41. The project limits are from San Carlos Boulevard to Michael G. Rippe Parkway (S.R. 739) in Lee County. This 2.28 mile section of U.S. 41 is a six lane divided highway with a 31 foot raised median and four foot paved shoulders. The existing lanes are 12 feet wide. The posted speed limit along U.S. 41 within the project limits is 50 mph.

This project is within one mile of the urban boundary and requires a seven foot buffered bicycle lane.

The pavement within the project limits is in fair condition.

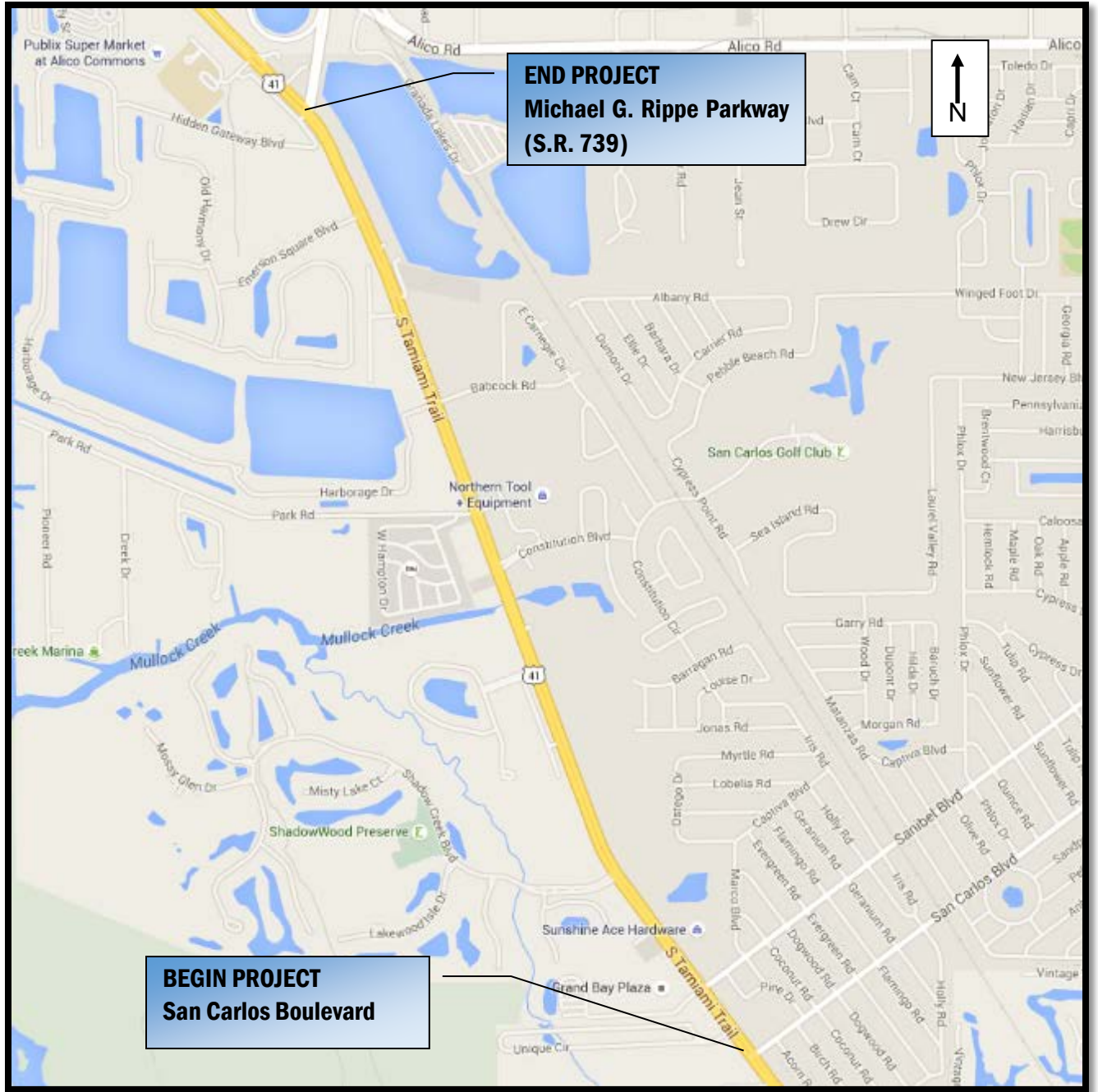
Based on FDOT right-of-way maps from section and job number 12010-2503, the right-of-way along U.S. 41 within the project limits is 200 feet.

**Project Intent:**

Fill in the missing gap of bicycle lane and add keyhole treatment at right-turn lanes along U.S. 41 from San Carlos Boulevard to Michael G. Rippe Parkway (S.R. 739) in Lee County. In order to achieve a seven foot wide buffered bicycle lane, three feet of pavement widening along both sides of the road is required.

This includes bus pads and replacement of sidewalk and pedestrian signals to correct ADA deficiencies.

**Project Map:**





Mill and resurface intersections within limits of returns to four feet beyond stop bar, and the shoulder pavement in locations where there is existing guardrail (Quantities listed below in milling and resurfacing section) (See Photo 1, typical):

- Southbound, north of Harborage Drive, for a length of 725 feet
- Southbound, south of Constitution Boulevard, for a length of 550 feet
- Southbound, south of South Tamiami Trail, for a length of 1,300 feet
- Intersection of U.S. 41 and Constitution Boulevard
- Intersection of U.S. 41 and Sanibel Boulevard
- Northbound, south of South Tamiami Trail, for a length of 300 feet
- Northbound, south of Constitution Boulevard for a length of 260 feet
- Northbound, north of Babcock Road for a length of 650 feet
- Replace all thermoplastic pavement markings

Driveways:

- Mill and resurface five 24-foot wide driveways
- Mill and resurface one 50-foot wide driveway

Milling and resurfacing (see locations above):

- Mill 1.5 inch average depth – total of 8,239 square yards
- Resurface with Friction Course Asphalt Traffic C, FC-5, PG 76-22 – 329.5 tons

Provide keyhole bicycle lanes at the following locations (includes seven feet of full depth widening):

- Southbound, north of Emerson Square Boulevard, total length of 400 feet
- Southbound, north of Harbour Plaza, total length of 400 feet
- Southbound, north of Shadow Creek Boulevard, total length of 300 feet
- Southbound, north of Regions Bank, total length of 400 feet (See Photo 2)
- Southbound, north of Sanibel Boulevard, total length of 350 feet
- Northbound, south of Sanibel Boulevard, total length of 800 feet
- Northbound, south of Constitution Boulevard, total length of 175 feet

Full depth widening is required for providing buffered and keyhole bicycle lanes (See Photo 3, typical):

- Includes traffic control per Design Standards Index 600 series
- OBG 9 (Type B 12.5 Only), for a total of 18,822 square yards
- Superpave SP 3 inches, for a total of 3,105.7 tons
- Friction Course Asphalt Traffic C, FC-5, PG 76-22, for a total of 752.9 tons

Concrete Removal (total of 578 square yards)

- Removal of existing ditch pavement, north of Harbour Plaza, for a length of 400 feet (See Photo 4).

Type F Curb and Gutter (total of 700 linear feet):

- Reconstruct curb returns southbound at Harborage Drive, for a length of 120 feet
- Reconstruct curb returns on all four quadrants at Constitution Boulevard, for a length of 240 feet
- Reconstruct curb returns on all four quadrants at Sanibel Boulevard, for a length of 340 feet

Sidewalk (total of 850 SY):

- South of Harbour Plaza (300 feet)
- Reconstruct sidewalk in the location of right turn lane north of Harbour Plaza, for a length of 400 feet
- Reconstruct sidewalk southbound, south of Harborage Drive, for a length of 200 feet
- Reconstruct sidewalk southbound, north of Regions Bank turnout, for a length of 275 feet
- Reconstruct sidewalk at each quadrant of Sanibel Boulevard, for a length of 100 feet
- Reconstruct sidewalk northbound, north of Constitution Boulevard, for a length of 300 feet

Pedestrian ramps (total of 16):

- Intersection of U.S. 41 and Constitution Boulevard, total of eight ramps
- Intersection of U.S. 41 and Sanibel Boulevard, total of eight ramps

Truncated domes (total of 28):

- At Emerson Square Boulevard (2)
- Installed on all proposed pedestrian ramps. Not to be installed at driveways.
- Installed on all bus stops (10, locations below)

Bus Pads (10 bus pads total) (total of 21 cubic yards of class NS gravity wall, 100 square yards of detectable warnings, 150 linear feet of 36-inch pipe, 30 36-inch mitered end sections, and 389 square yards of four inch thick sidewalk):

- Each location listed below consists of 15 feet of gravity wall, average height of two feet, 15 feet of 36 inch pipe with two 36 inch mitered end sections, 10 square feet of detectable warnings, 20 feet of 5 foot wide, four inch thick sidewalk, and an additional 200 feet of sidewalk reconstruction for ADA upgrades (See Photo 5).

- Southbound, south of Emerson Square Boulevard
- Southbound, north of Constitution Boulevard
- Southbound, south of Constitution Boulevard
- Southbound, south of Creekside Preserve
- Southbound, north of Regions Bank turnout
- Northbound at Advanced Auto Parts
- Northbound, north of Sanibel Boulevard
- Northbound, north of Constitution Boulevard
- Northbound, north of Babcock Road
- Northbound, south of S.R. 739 (Michael G. Rippe Parkway)

Drainage (includes 950 feet of 24-inch side drain, 600 feet of 24-inch storm drain, 400 feet of 54-inch side drain, three 24-inch mitered end sections, one 54-inch mitered end section, two manholes, 19 Type C ditch bottom inlets, and one junction box):

- Extend 24-inch pipe for the total length of the 400-foot right turn lane, replace one 24-inch mitered end section north of Emerson Square Boulevard, and four Type C ditch bottom inlets
- Extend 54-inch pipe for the length of the 400-foot right turn lane and replace endwall, install one junction box, and four Type C ditch bottom inlets (See Photos 6 and 7)
- Extend two 24-inch pipes from Regions Bank turnout to north of the bus pad for a total of 275 feet, add two 24-inch mitered end sections, and four Type C ditch bottom inlets.
- Reconstruct stormsewer, seven Type C ditch bottom inlets, and two manholes, for a total of 600 feet.

Embankment (total of 5,378 cubic yards):

- Fill in ditch for length of turn lane north of Emerson Square Boulevard, for a length of 400 feet
- Fill in ditch for turn lane north of Harbor Plaza, for a length of 400 feet
- Fill in ditch north of Regions Bank turnout, for a length of 275 feet
- Regrade ditch northbound, for length of 800 feet

Excavation (total of 12,484 cubic yards):

- Average of two feet of excavation for all of the widening areas within the project limits.

Performance Turf Sod (total of 40,334 square yards):

- Assumed 15 linear feet width of sod for the entire length of the project

Guardrail:

- Remove 638 feet of guardrail at right turn lane north of Harbor Plaza

Signs (total of 43 single post signs and five multi-post signs):

- Will be removed and replaced.

Pedestrian Signalization (Intersections with Constitution Boulevard and Sanibel Boulevard):

- Remove and replace eight pedestrian signals with pedestrian signals and detectors at Constitution Boulevard
- Remove and replace eight pedestrian signals with pedestrian signals and detectors Sanibel Boulevard

Signalization (Constitution Boulevard and Sanibel Boulevard):

- Remove existing mast arms
- Replace with a total of eight mast arms

Standard Crosswalk Markings (total of 2,000 feet of 12 inch Solid White):

- Includes all signalized intersections

Lighting (intersection lighting at Constitution Boulevard and Sanibel Boulevard):

- Install lighting at each signalized intersection to enhance lighting for pedestrians to meet current standards (total of 12 light poles).

Utilities:

- Fiber Optic utilities are located within the vicinity of ditches to be filled in. This needs to be verified for feasibility during design.
- Other underground utilities were not encountered, and should be verified during the design phase.

Right-of-Way:

- Based on FDOT right-of-way maps from section and job number 12010-2503, the right-of-way along U.S. 41 within the project limits is 200 feet.
- Additional right-of-way is not anticipated to be needed for this project.

Project Constraints/Potential Issues:

- No variations are anticipated.
- Utility coordination will be needed to determine the feasibility of filling in ditches where fiber optic cable currently runs.
- Utility coordination will be needed to determine if any of the overhead utilities may need relocated.

Contact Information:

For information and questions on other ongoing FDOT projects in the area contact:  
Justin Reck, Project Manager, FDOT District One Office, Bartow.

Phone: (863) 519-2272

Email: [Amy.Blair@dot.state.fl.us](mailto:Amy.Blair@dot.state.fl.us)



Photo 1: Mill and resurfacing required at shoulder in front of guardrail





Photo 2: Regions Bank right-turn lane - keyhole required



Photo 3: Full depth pavement structure needed to replace shoulder pavement structure at keyhole locations (typical).



Photo 4: Slope pavement and guardrail to be removed for keyhole at right-turn to Harbour Plaza



Photo 5: Existing bus stop location





Photo 6: Keyhole at Harbour Plaza will require extension of pipe.



Photo 7: Junction box required when 54" pipe is extended.



Photo 8: Keyhole at Harbour Plaza will require 54" pipe to be extended and ditch to be filled.

**FPID: 430888-1**

**Project Description: US 41 from San Carlos Blvd to SR 739**

**County: Lee**

### **LRE and Scope Analysis**

#### **Social and Environmental Issues,**

**Desktop Review completed by M. Rutishauser and S. Chiu, HNTB on May 12 – 14, 2015**

#### **Anticipated NEPA Class of Action document: Type 1 Categorical Exclusion\***

*(\*It is anticipated that federal safety or enhancement funds will be used for this project).*

#### Contamination

- A gas station, Circle K Store #7381 (Facility ID 8519096), located at the southwest corner of US 41 and Sanibel Boulevard is a reported Petroleum Contamination Monitoring Site by the Florida Department of Environmental Protection (FDEP). Groundwater and monitoring well contamination were discovered at this site; however, clean-up at this facility was reported complete and no further action is required.
- Ozturk Family Inc. (Facility ID 8519468), currently an A&T gas station, located on the east side of US 41 south of Sanibel Boulevard is a reported Petroleum Contamination Monitoring Site by the FDEP. Clean-up is currently on-going and soil, groundwater and monitoring well contamination has been reported.
- R & M Petroleum Inc. (Facility ID 8519137), currently a Shell gas station, located on the west side of US 41 at Constitution Boulevard is a reported Petroleum Contamination Monitoring Site by the FDEP. Clean-up is currently on-going; however, no reported soil, groundwater, surface water or monitoring well contamination has been reported.
- A detailed contamination review should be completed prior to construction.

#### Farmlands

- The proposed project area is located within soils designated as prime or unique farmlands soils by the Natural Resource Conservation Service (NRCS).
- The project is expected to be a minor class of action document and farmland evaluations/coordination with the NRCS is not required for Type 1 and Programmatic Categorical Exclusions (per Section 28-1, Part 2, Chapter 28 PD&E Manual).

#### Floodplain

- The west side of US 41, from north of Sanibel Blvd to Shadow Creek Blvd, is located within designated 100-year floodplain.
- The east and west sides of US 41, from Shadow Creek Blvd to SR 739, are within designated 100-year floodplain.

- Significant impacts to the 100-year floodplain are not anticipated as a result of the proposed improvements.

#### Historic/Cultural Resources

- Several Cultural Resource Assessment Surveys (CRAS) were conducted within the vicinity of the proposed project; however, a CRAS has not been conducted specifically for this proposed project.
- No known historic and archaeological sites are documented within the vicinity of the proposed improvements.

#### Section 4(f)

- No public lands including parks, recreation facilities, wildlife refugia or historic resources are documented within or adjacent to the project limits

#### Social Resources

- Standard Specifications will require maintenance of access to adjacent properties.
- Overhead electric is located within the vicinity of the proposed improvements.
- **Underground utilities should be located to avoid conflicts and disruption in service.**

#### Wetlands

- There are several herbaceous and forested jurisdictional wetlands located at the back of the existing sidewalk at various locations along the project corridor. Impacts to these systems are not anticipated.

#### T&E

- The project is located within the U.S. Fish and Wildlife Service Consultation Area for the crocodile, Florida scrub jay, snail kite and Southwest Plant list; however, impacts to these protected species are not anticipated.
- The project is located within the designated 18.6-mile Core Foraging Area for three (3) wood stork nesting colonies (a federally endangered species). However, no impacts to this species are proposed.
- No active bald eagle nests are located within 660-feet of the proposed improvements. Although the bald eagle was delisted from the Endangered Species Act in 2007, it is still a protected species under the Bald and Golden Eagle Act and Migratory Bird Treaty. **A review of active bald eagle nests within the vicinity of the project should be conducted prior to construction.**

#### Permits

- Wetland mitigation is not anticipated a result of the proposed improvements.

Date: 6/5/2015 11:30:19 AM

FDOT Long Range Estimating System - Production  
R3: Project Details by Sequence Report

**Project:** 430888-1-52-01**Letting Date:** 07/2017**Description:** US 41 (SR 45) FROM SAN CARLOS BLVD TO SR 739**District:** 01      **County:** 12 LEE      **Market Area:** 10      **Units:** English**Contract Class:** 1      **Lump Sum Project:** N      **Design/Build:** N      **Project Length:** 2.310 MI**Project Manager:** CES-NEM-AEB**Version 11-P Project Grand Total****\$3,922,743.89****Description:** Revised Scope - 5/27/15**Sequence:** 1 MIS - Miscellaneous Construction**Net** 2.292 MI  
**Length:** 12,100  
LF**Description:** Construct seven foot buffered bicycle lanes and keyholes at right-turn lanes.

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**EARTHWORK COMPONENT**

**User Input Data**

<b>Description</b>	<b>Value</b>
Standard Clearing and Grubbing Limits L/R	0.00 / 0.00
Incidental Clearing and Grubbing Area	0.00

**X-Items**

<b>Pay item</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Extended Amount</b>
110-1-1	CLEARING & GRUBBING	13.89	AC	\$10,000.00	\$138,900.00
120-1	REGULAR EXCAVATION	5,378.00	CY	\$5.14	\$27,642.92
120-6	EMBANKMENT	12,484.00	CY	\$6.34	\$79,148.56
<b>Earthwork Component Total</b>					<b>\$245,691.48</b>

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**ROADWAY COMPONENT**

**X-Items**

<b>Pay item</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Extended Amount</b>
102-60	WORK ZONE SIGN	5,110.00	ED	\$0.26	\$1,328.60
102-74-1	CHANNEL DEVICE-TYPS	12,045.00	ED	\$0.15	\$1,806.75

	I,II,DI,VP, DRUM, LC				
102-76	ARROW BOARD /ADVANCE WARNING ARROW PANEL	730.00 ED	\$5.61	\$4,095.30	
102-77	HIGH INTENSITY FLASH LI,TEMP,TYP B	2,920.00 ED	\$0.28	\$817.60	
110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	578.00 SY	\$25.88	\$14,958.64	
160-4	TYPE B STABILIZATION	18,822.00 SY	\$3.79	\$71,335.38	
285-709	OPTIONAL BASE,BASE GROUP 09	18,822.00 SY	\$15.16	\$285,341.52	
327-70-6	MILLING EXIST ASPH PAVT,1 1/2" AVG DEPTH	8,239.00 SY	\$2.28	\$18,784.92	
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	3,105.70 TN	\$116.29	\$361,161.85	
337-7-22	ASPH CONC FC,INC BIT,FC-5,PG76-22,PMA	1,082.40 TN	\$143.99	\$155,854.78	
400-0-11	CONC CLASS NS, GRAVITY WALL	21.00 CY	\$580.86	\$12,198.06	
536-73	GUARDRAIL REMOVAL	637.50 LF	\$2.61	\$1,663.88	
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	2,000.00 LF	\$2.27	\$4,540.00	
711-11-141	THERMOPLASTIC, STD, WHITE, DOT GUIDE, 6"	0.45 GM	\$5,000.00	\$2,250.00	
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	50.00 EA	\$108.35	\$5,417.50	
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	82.00 EA	\$60.24	\$4,939.68	
711-16-101	THERMOPLASTIC, STD- OTH, WHITE, SOLID, 6"	9.20 GM	\$3,832.84	\$35,262.13	
<b>Roadway Component Total</b>				<b>\$981,756.59</b>	

### SHOULDER COMPONENT

#### User Input Data

Description	Value
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#### X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	24,200.00	LF	\$0.98	\$23,716.00
104-18	INLET PROTECTION	20.00	EA	\$80.31	\$1,606.20



	SYSTEM			
107-1	LITTER REMOVAL	67.60 AC	\$33.58	\$2,270.01
107-2	MOWING	67.60 AC	\$41.61	\$2,812.84
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	1,239.00 SY	\$23.54	\$29,166.06
527-2	DETECTABLE WARNINGS	280.00 SF	\$28.45	\$7,966.00
570-1-2	PERFORMANCE TURF, SOD	40,334.00 SY	\$2.05	\$82,684.70
<b>Shoulder Component Total</b>				<b>\$150,221.81</b>

### MEDIAN COMPONENT

#### User Input Data

Description		Value			
<b>X-Items</b>					
Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	700.00	LF	\$22.30	\$15,610.00
<b>Median Component Total</b>					<b>\$15,610.00</b>

### DRAINAGE COMPONENT

<b>X-Items</b>					
Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-521	INLETS, DT BOT, TYPE C, <10'	19.00	EA	\$2,251.39	\$42,776.41
425-2-41	MANHOLES, P-7, <10'	2.00	EA	\$3,525.39	\$7,050.78
425-3-41	JUNCTION BOX, DRAINAGE, P-7, <10'	1.00	EA	\$3,335.63	\$3,335.63
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	952.00	LF	\$54.30	\$51,693.60
430-174-136	PIPE CULV, OPT MATL, ROUND,36"SD	152.00	LF	\$190.68	\$28,983.36
430-174-154	PIPE CULV, OPT MATL, ROUND,54"SD	400.00	LF	\$475.53	\$190,212.00
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	600.00	LF	\$57.84	\$34,704.00

430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	3.00 EA	\$1,310.66	\$3,931.98
430-984-138	MITERED END SECT, OPTIONAL RD, 36" SD	30.00 EA	\$3,838.76	\$115,162.80
430-984-142	MITERED END SECT, OPTIONAL RD, 54" SD	1.00 EA	\$5,856.65	\$5,856.65
<b>Drainage Component Total</b>				<b>\$483,707.21</b>

### SIGNING COMPONENT

#### Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	43.00	AS	\$322.38	\$13,862.34
700-1-60	SINGLE POST SIGN, REMOVE	43.00	AS	\$12.04	\$517.72
700-2-60	MULTI- POST SIGN, REMOVE	5.00	AS	\$494.88	\$2,474.40

#### X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	5.00	AS	\$3,387.92	\$16,939.60
700-5-21	INTERNAL ILLUM SIGN, F&I OM, UP TO 12 SF	8.00	EA	\$3,489.14	\$27,913.12
<b>Signing Component Total</b>					<b>\$61,707.18</b>

### SIGNALIZATIONS COMPONENT

#### Signalization 1

Description	Value
Type	Miscellaneous
Multiplier	1
Description	

#### X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	2.00	PI	\$5,242.35	\$10,484.70

632-7-6	SIGNAL CABLE, REMOVE- INTERSECTION	2.00	PI	\$547.83	\$1,095.66
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	16.00	EA	\$1,242.50	\$19,880.00
649-31-105	M/ARM,F&I, WS- 150,SINGLE ARM,W/O LUM-78	8.00	EA	\$49,298.55	\$394,388.40
649-36-500	M/ARM, REMOVE POLE- DEEP/COMPLETE	8.00	EA	\$2,580.73	\$20,645.84
650-1-13	TRAFFIC SIGNAL,F&I ALUMINUM, 2 S 1-2 W	20.00	AS	\$1,000.00	\$20,000.00
650-1-14	TRAFFIC SIGNAL,F&I ALUMINUM, 3 S 1 W	4.00	AS	\$998.18	\$3,992.72
650-1-70	TRAFFIC SIGNAL, RELOCATE	20.00	AS	\$530.00	\$10,600.00
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	16.00	AS	\$651.70	\$10,427.20
653-1-60	PEDESTRIAN SIGNAL, REMOVE	16.00	AS	\$62.26	\$996.16
663-1-110	SIGNAL PRIO & PREEMP, F&I, OPTICAL,COMPL	8.00	EA	\$8,532.44	\$68,259.52
665-1-12	PEDESTRIAN DETECTOR, F&I, ACCESSIBLE	16.00	EA	\$1,803.58	\$28,857.28
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00	AS	\$22,866.18	\$45,732.36
670-5-600	TRAF CNTL ASSEM, REMOVE	2.00	AS	\$505.97	\$1,011.94
682-1-111	ITS CCTV CAMERA, F&I, DOME ENCL-PRES.	1.00	EA	\$7,000.00	\$7,000.00
685-106	SYS AUX, F&I, UNINTERRUPTIBLE PWR SOURCE	2.00	EA	\$6,549.47	\$13,098.94
<b>Signalizations Component Total</b>					<b>\$656,470.72</b>

**LIGHTING COMPONENT**

**Conventional Lighting Subcomponent**

<b>Description</b>	<b>Value</b>
Spacing	MAX

**X-Items**

<b>Pay item</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Extended Amount</b>
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630-2-11	CONDUIT, F& I, OPEN TRENCH	3,200.00 LF	\$4.96	\$15,872.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	2,400.00 LF	\$16.05	\$38,520.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	32.00 EA	\$506.70	\$16,214.40
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	8,400.00 LF	\$1.69	\$14,196.00
715-4-113	LIGHT POLE COMP, F&I, WS150, 50'	12.00 EA	\$6,117.84	\$73,414.08
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	2.00 EA	\$9,109.87	\$18,219.74
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	12.00 EA	\$510.86	\$6,130.32
<b>Lighting Component Total</b>				<b>\$182,566.54</b>

### MISCELLANEOUS COMPONENT

#### X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-15	SOIL TRACKING PREVENTION DEVICE	3.00	EA	\$1,803.92	\$5,411.76
<b>Miscellaneous Component Total</b>					<b>\$5,411.76</b>

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**Sequence 1 Total** **\$2,783,143.29**

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Date: 6/5/2015 11:30:19 AM

FDOT Long Range Estimating System - Production  
R3: Project Details by Sequence Report

**Project:** 430888-1-52-01**Letting Date:** 07/2017**Description:** US 41 (SR 45) FROM SAN CARLOS BLVD TO SR 739**District:** 01      **County:** 12 LEE      **Market Area:** 10      **Units:** English**Contract Class:** 1      **Lump Sum Project:** N      **Design/Build:** N      **Project Length:** 2.310 MI**Project Manager:** CES-NEM-AEB**Version 11-P Project Grand Total** **\$3,922,743.89****Description:** Revised Scope - 5/27/15

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**Project Sequences Subtotal** **\$2,783,143.29**

102-1      Maintenance of Traffic      10.00 %      \$278,314.33

101-1      Mobilization      15.00 %      \$459,218.64

**Project Sequences Total** **\$3,520,676.26**

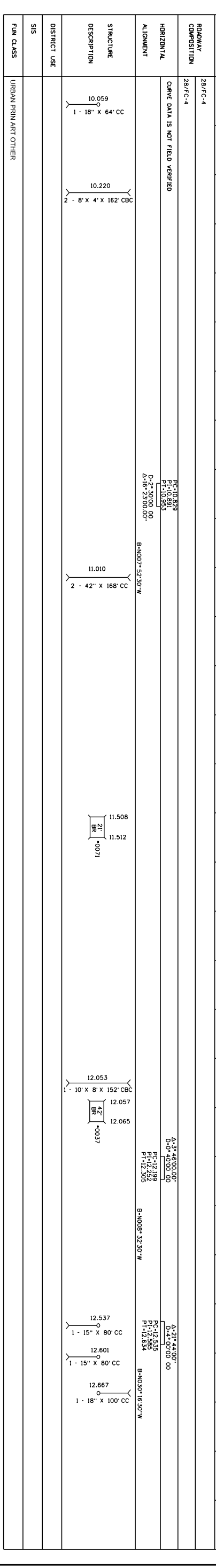
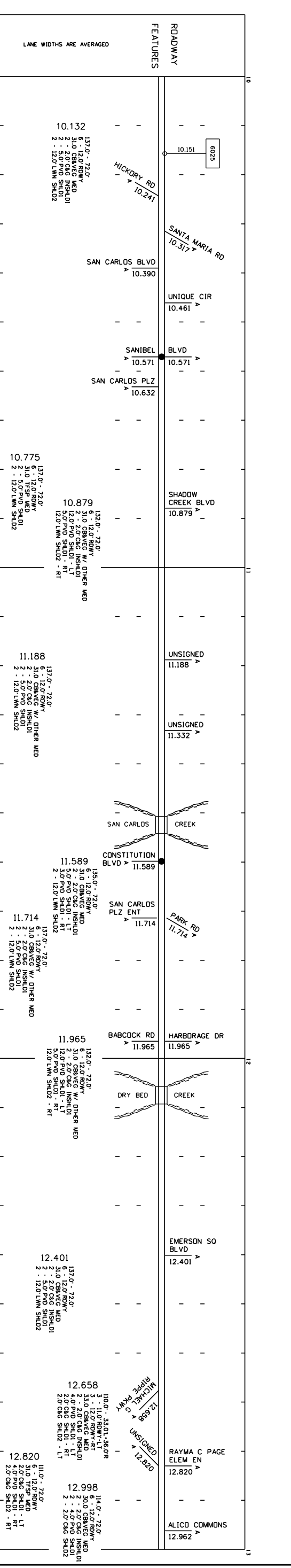
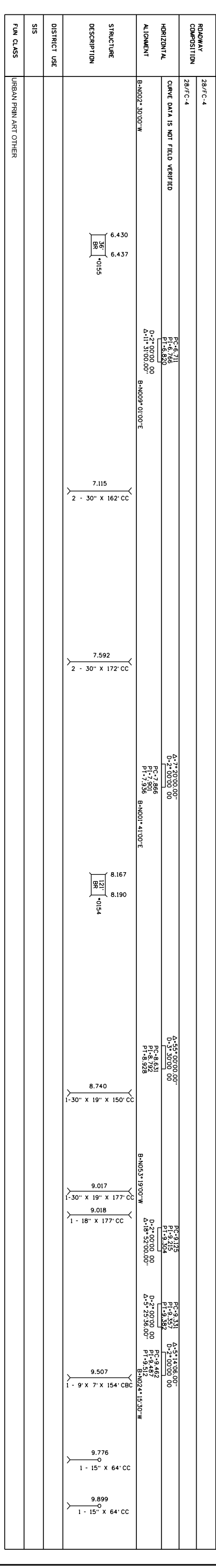
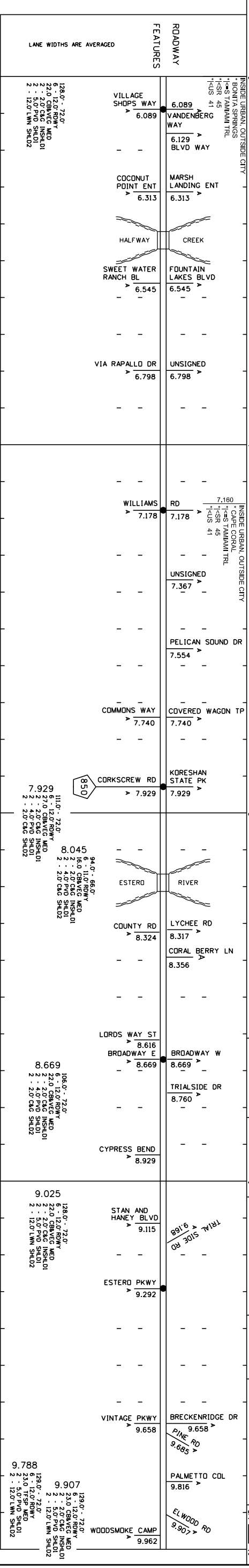
Project Unknowns      10.00 %      \$352,067.63

Design/Build      0.00 %      \$0.00

**Non-Bid Components:**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	\$50,000.00	\$50,000.00

**Project Non-Bid Subtotal** **\$50,000.00****Version 11-P Project Grand Total** **\$3,922,743.89**



May 2015



Florida Department of Transportation - District One

# LRE and Scope Analysis

**Long Range Estimate (LRE) and Scope for  
FPID 430888-1 – Adding Bicycle Lane and  
Keyhole on U.S. 41, Fort Myers - Lee County, Florida**



## **ADA AND PROWAG OVERVIEW**

**RECOMMENDED ITEM:** This is not an action item. An overview of current Americans with Disability Act (ADA) and Public Right of Way Accessibility Guidelines (PROWAG) will be provided for information and discussion.

LCDOT staff put together a power point providing an overview of ADA and Public Right of Way Accessibility Guidelines. The power point was presented to the County's Bicycle Pedestrian and Advisory Committee for educational/informational purpose. The overview will be presented at the June 23<sup>rd</sup> BPCC meeting. Other local government jurisdictions will be asked to provide updates on ADA transitional plans in their jurisdictions and overview of actions taken in response to ADA audits.



## **LONG RANGE TRANSPORTATION PLAN UPDATE**

**RECOMMENDED ITEM:** This is not an action item. An update will be provided on the development of the 2040 MPO Long Range Transportation Plan.

The MPO is now in the middle of updating its Long Range Transportation Plan. The base year of the Plan is 2010 and the horizon year is 2040. The Plan includes various components including highway, transit, bicycle pedestrian, congestion management, and freight. A public workshop is scheduled on June 16<sup>th</sup> to gather input. Status update and public input from the workshop will be reported at the June 23<sup>rd</sup> BPCC meeting.

## LEE COUNTY TOUR DE PARKS ISSUES

**RECOMMENDED ITEM:** This is not an action item. There will be a discussion on how to address bicycle safety and Maintenance of Traffic (MOT) issues from ongoing construction that make it difficult to access pathways in the Tour De Park Route.

Darla Letourneau of BikeWalkLee rode her bike recently on the Tour de Parks Route and identified several problems that affect the safety of bicyclists. There is also ongoing construction at two locations (Gladiolus by Home Depot and Michael G. Rippe Parkway) where there are MOT issues which make it difficult for pedestrians and bicyclists to access the pathways. **Attachment A** includes two emails that explain the various issues. The dropbox link to pictures (start from bottom and go up) of the pathway system are as follows:

[https://www.dropbox.com/sh/b7x9ue39ii5r78z/AADz5saPVBa3Ljlg\\_l7Ouf2ga?dl=0](https://www.dropbox.com/sh/b7x9ue39ii5r78z/AADz5saPVBa3Ljlg_l7Ouf2ga?dl=0)

The pictures show the pathway system from around the SWIFT center, under the overpass and on out to Red Sox stadium, and also the accessibility problems at the FDOT Metro extension project as one exits the 10 Mile Linear Park section of the Tour de Parks and tries to bike up to the North Colonial Linear Trail.

At the June 23<sup>rd</sup> meeting, Darla will present the issues and concerns, and will be asking for input from LCDOT, Lee County Parks and Recreation, City of Fort Myers, MPO and FDOT on how to address safety and pathway accessibility issues during the ongoing construction on this route.

**Ron Gogoi**

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**From:** Darla Letourneau <dletourneau35@gmail.com>  
**Sent:** Tuesday, June 16, 2015 11:08 AM  
**To:** Ron Gogoi  
**Cc:** Dan Moser; Don Scott  
**Subject:** Tour de Park issues--possible discussion item for 6/23 BPC meeting

Ron,  
Although I originally did this site visit for TIGER purposes, I think we have an immediate issue that needs to be addressed by all parties on the Tour de Parks route. Note below re: the construction on Metro extension..and there's also construction problems not noted here on Gladiolus next to the Home Depot. The route is seriously disrupted in both of these locations and there's no detour info or safe passage and no one seems to be doing anything about it...yet we're sending people on the Tour de Parks route. I'd like to have a discussion with the players--LeeDOT, Lee Parks & Rec, City Fort Myers, and FDOT--all of which have roles in this--about how we can fix this for the safety and accessibility of path users during this construction.

Thanks!  
Darla

Darla Letourneau  
[dletourneau35@gmail.com](mailto:dletourneau35@gmail.com)  
239-850-3219

----- Forwarded message -----  
**From:** **Darla Letourneau** <[dletourneau35@gmail.com](mailto:dletourneau35@gmail.com)>  
**Date:** Sat, Jun 6, 2015 at 12:06 PM  
**Subject:** Tour de Park issues--for TIGER  
**To:** Don Scott <[dscott@leempo.com](mailto:dscott@leempo.com)>  
**Cc:** Dan Moser <[dan@bikepedmatters.com](mailto:dan@bikepedmatters.com)>

Don,  
As I mentioned to you on Thursday, I rode the Tour de Parks route on Wednesday and had some photos of places that need some improvements...possible candidates for addressing during the TIGER construction on the Daniels corridor, or if not, other possible venues.

I spoke to Dan after I did my ride and the issues he raised related to the SWIFT Center/Interchange area are in addition to the photos that I took...these are as follows, and are something that FDOT needs to fix, I believe.

Here's the Google Earth Map for Daniels, Treeline to Davenport: <https://goo.gl/maps/O8ALA>. You will need to drill down to see the specifics, but you can see on this map the following problems:

The problem area is from the SWIFT Center to Davonport--west of Treeline in both directions.

On the road, the shoulders come and go, there are not through bike lanes.  
When FDOT did the interchange, this facilities for cyclists were not properly done and haven't been corrected.

My photos deal with the path system from around the SWIFT center, under the overpass and on out to Red Sox stadium. The path is in terrible shape...needs to be re-paved, I think.

Here's the dropbox link to my photos (start from bottom and go up):

[https://www.dropbox.com/sh/b7x9ue39ii5r78z/AADz5saPVBa3Ljlg\\_17Quf2ga?dl=0](https://www.dropbox.com/sh/b7x9ue39ii5r78z/AADz5saPVBa3Ljlg_17Quf2ga?dl=0)

Note that in addition to the path conditions in this area, there's a dangerous crossing on the path as cars on Daniels are exiting at a fast speed, at terrible angle, with no signage or markings to alert them to people crossing the path, and just a simple white line crossing....improvement really needed there.

I've also included photos from the construction mess at the FDOT Metro extension project as you exit the 10 Mile Linear Park section of the Tour de Parks and try to bike up to the North Colonial Linear Trail. There are no signs about a detour route to that section of the Tour de Parks, no detour and alternative route markings for pedestrians or cyclists trying to figure out where to go when they hit Metro at Colonial...it was really a mess and difficult to figure out how to get there...we back-tracked to Winkler and the facilities on that road were terrible (you'll see photos) and then over to Veronica Shoemaker to access the North Colonial trail.

FDOT contractor needs to meet their contract requirement of providing alternative route/detour signs; and the county needs to have something somewhere that alerts people that the Tour de Parks section can't be navigated or give them an alternative route....then we could help get the word out re: how you're supposed to go. Do you have any idea how long this mess will go on? As TIGER gets underway, and there's visibility to the Tour de Parks route, you'd like that all parties would do a better job of making this work. Anything you can do to help on this issue would also be appreciated, although I don't think you can use the TIGER grant to address these problems.

Thanks!

If you have any questions, let me know.

Darla

Darla Letourneau

[dletourneau35@gmail.com](mailto:dletourneau35@gmail.com)

[239-850-3219](tel:239-850-3219)