Fiscal Year 2020-2021

Capital Improvement Project Descriptions

February 24, 2020

CIP Project Summary Estero Parkway Improvements

CIP Category: Roadway

Design: \$ 757,724.00 Construction: \$ 8,970,516.00 Total: \$ 9,728,240.00

Project Description:

Construct the following improvements along Estero Parkway from US-41 to Three Oaks Parkway

Road resurfacing

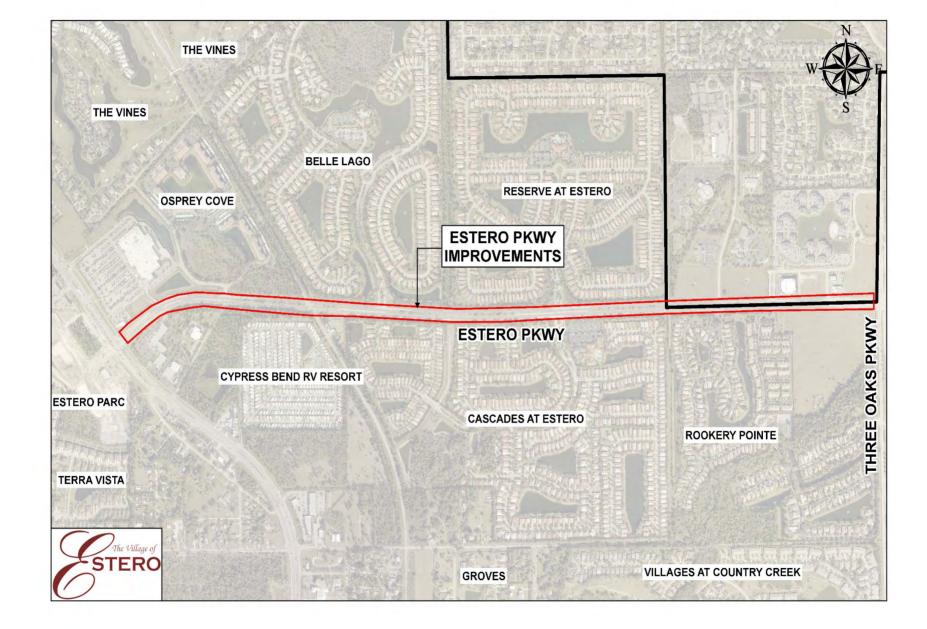
Addition of 7-ft buffered bike lane (striping)
Concrete curb along a portion of roadway
Sidewalks along both sides of road
Intersection improvements
Drainage improvements
Landscape Improvements

Street Lighting

Utility relocation as needed

Project Justification:

As outlined in FGCU's Road Conditions Study, the existing Estero Parkway roadway surface is in poor conditions and in desperate needs to resurfacing. Resident are not able to walk, run or bike along the roadway due to the lack of continuous bicycle and pedestrian facilities. These improvements are required provide an adequate roadway surface and safe bicycle and pedestrian facilities.



CIP Project Summary Corkscrew Road Widening (East of Ben Hill Griffin Pkwy)

CIP Category: Roadway

Design: \$ 816,000.00 Construction: \$ 7,061,900.00 Total: \$ 7,877,900.00

Project Description:

Design and construct street lighting, landscaping and pedestrian enhancements along Corkscrew Road with Lee County's roadway widening project.

Project Justification:

Lee County will be widening Corkscrew Road east of Ben Hill Griffin Parkway. The widening project will include street lights and landscape improvements. Cost and timing advantages would be realized by working with Lee County enhance the street lights and landscaping they will be installing instead of coming back later and redoing their improvements.

1-3 02/27/20

CIP Project Summary River Ranch Road Improvements

CIP Category: Roadway

Design: \$ 618,000.00 Construction: \$ 1,535,100.00 Total: \$ 2,153,100.00

Project Description:

Roadway, drainage and bicycle/pedestrian improvements along River Road to include the following:

Resurfacing

Widening to add shoulders

Sidewalks & crosswalks

Drainage improvements

Estero High turn lane improvements

Williams Road Intersection Improvements.

Project Justification:

River Rand Road was identified in the Bicycle & Pedestrian Master Plans and Stormwater Master Plan are requiring improvements. In addition, Estero High School creates traffic issues that could be improved by roadway and intersection modifications. The project will address several issues that impact River Ranch Road including; reducing flooding by implementing drainage improvements; increase bike and pedestrian safety by adding sidewalks and/or bike paths; improve traffic flow around Estero High School to reduce impact seen during student drop off and pick up.

1-5 02/27/20



1-6 02/27/20

CIP Project Summary Via Coconut Point Street Lights

CIP Category: Street Lights

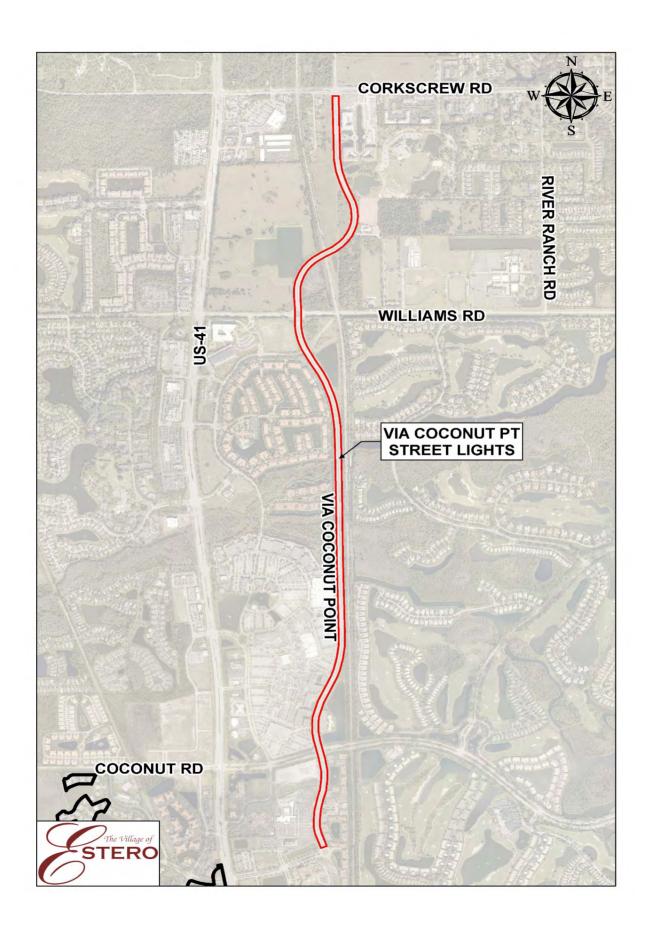
Design: \$ 205,200.00 Construction: \$ 2,160,000.00 Total: \$ 2,365,200.00

Project Description:

Install street lights from Williams Road to Coconut Road along Via Coconut Point

Project Justification:

Via Coconut Point has existing sidewalks and bike lanes along both sides of the road. Installation of street lights along the corridor will improve safety and promote usage of the sidewalks during night time hours.



1-8 02/27/20

CIP Project Summary Three Oaks Parkway Street Lights

CIP Category: Street Lights

Design: \$ 60,900.00 Construction: \$ 640,000.00 Total: \$ 700,900.00

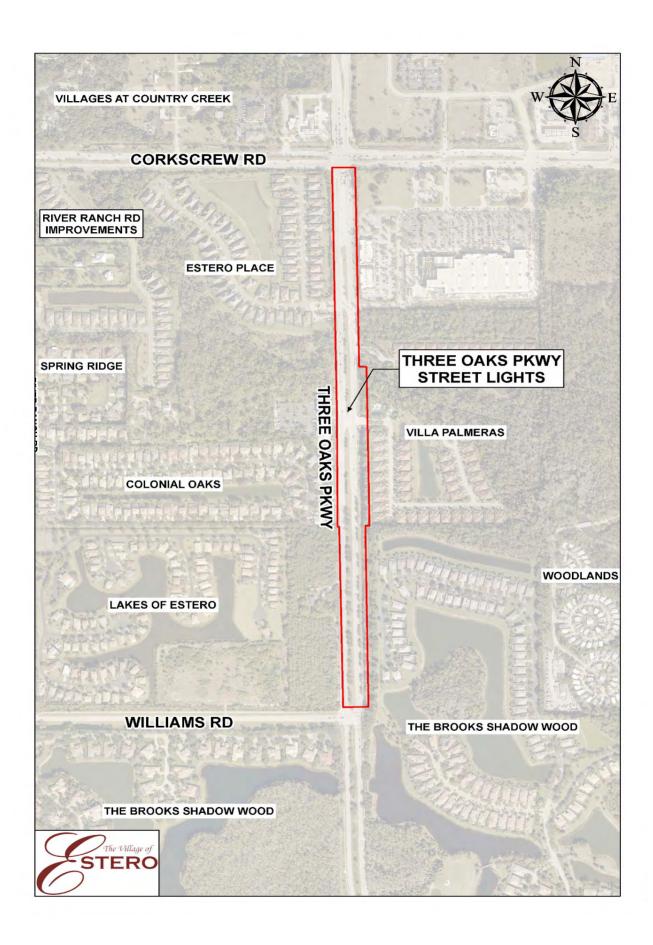
Project Description:

Install street lights along Three Oaks Parkway from Corkscrew Road to Williams Road.

Project Justification:

This sections or roadway is the only section of Three Oaks Parkway without street lights. Installation of street lights will improve safety and fill this gap, allowing pedestrians to utilize the entire length of Three Oaks Parkway at night.

1-9 02/27/20



CIP Project Summary Broadway West Improvements

CIP Category: Roadway

Design: \$ 316,200.00 Construction: \$ 1,053,800.00 Total: \$ 1,370,000.00

Project Description:

This project will include roadway and drainage improvements along Broadway W from US-41 west to the end of the roadway. The project will first determine the improvements that can be accommodated along Broadway West. Improvements could include the following:

Resurfacing

Widening

Drainage Improvements

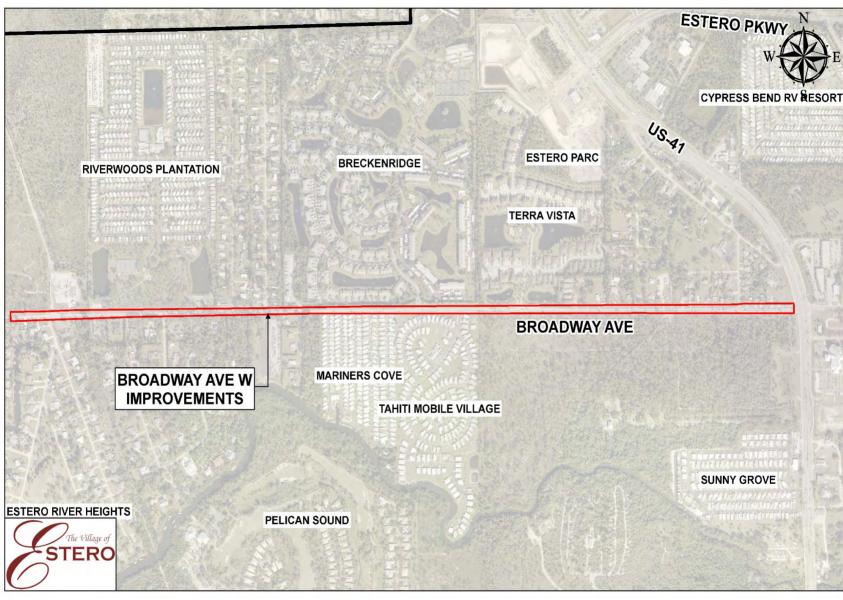
Project Justification:

The Village of Estero has received many resident complaints about road safety, the roadway width and drainage along Broadway West.

This project will improve roadway safety by increasing the roadway width. The roadway is currently somewhat narrow compared to other roadways.

Several communities north of Broadway drain into the roadside ditch. Improvements will be made to the ditch to increase the flow and treatment of water in the ditch. The existing ditch slope off the roadway are relatively steep. The project will try to flatten the slopes to improve traffic safety.

1-11 02/27/20



CIP Project Summary Williams Road Widening (US41 - Via Coconut)

CIP Category: Roadway

Design: \$ 822,000.00 Construction: \$ 2,739,900.00 Total: \$ 3,561,900.00

Project Description:

Widen Williams Road from US-41 to Via Coconut Point from the existing two lanes to 4-lane divided. The scope will include the following:

4-lane widening

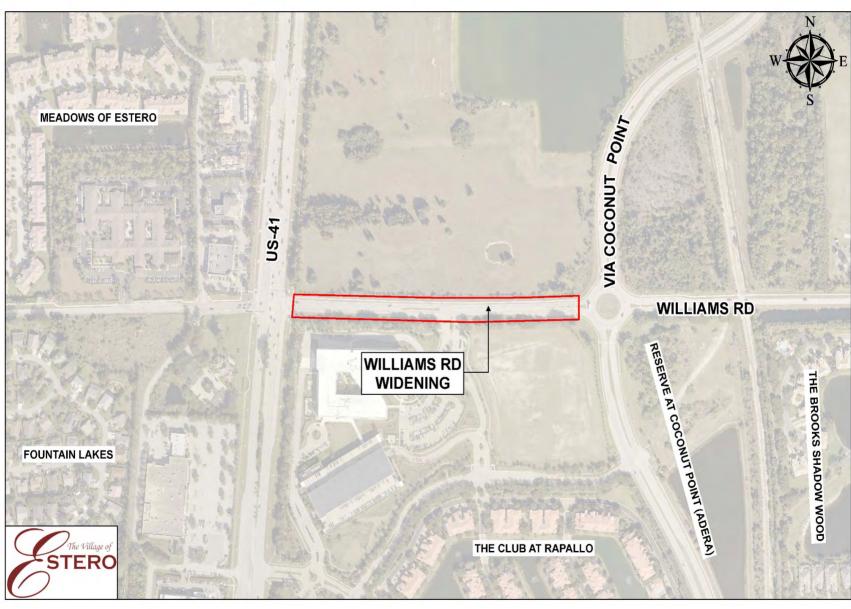
Additional right of way Second westbound left Exclusive westbound right

Street Lights Landscaping

Project Justification:

As additional development occurs along Williams Road and Via Coconut Point, traffic is expected to increase to the point where additional capacity is required on Williams Road from US-41 to Via Coconut Point.

1-13 02/27/20



CIP Project Summary Corkscrew Road Street Lights (US41-I75)

CIP Category: Street Lights

Design: \$ 145,200.00 Construction: \$ 1,528,000.00 Total: \$ 1,673,200.00

Project Description:

Install street lights on Corkscrew Road from US-41 to I-75

Project Justification:

Corkscrew Road has existing sidewalk along the south side of the roadway the entire roadway length and existing sidewalk on the north side of the road a portion of the roadway length. The Bike Ped Master Plan proposes improvements along the corridor including completing the sidewalk on the north side of the roadway. Installation of street lights along the corridor will improve safety along Corkscrew Road and promote usage of the sidewalks during night time hours.

1-15 02/27/20

COPPER OAKS

CIP Project Summary Coconut Road Street Lights

CIP Category: Street Lights

Design: \$ 53,300.00 Construction: \$ 560,000.00 Total: \$ 613,300.00

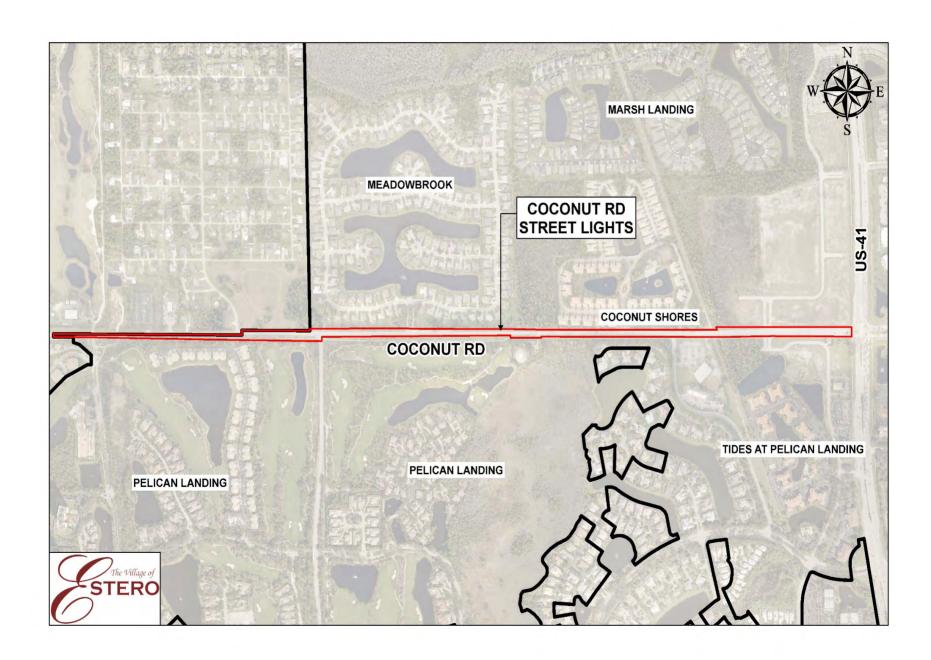
Project Description:

Install street lights along Coconut Road west of US41

Project Justification:

Coconut Road has an existing sidewalk on the south side of the road and the Bicycle and Pedestrian Master Plan recommends installing a shared used path. The installation of street lights improve safety and allow the sidewalks to be used at night.

1-17 02/27/20



CIP Project Summary Williams Road Street Lights

CIP Category: Street Lights

Design: \$ 57,000.00 Construction: \$ 600,000.00 Total: \$ 657,000.00

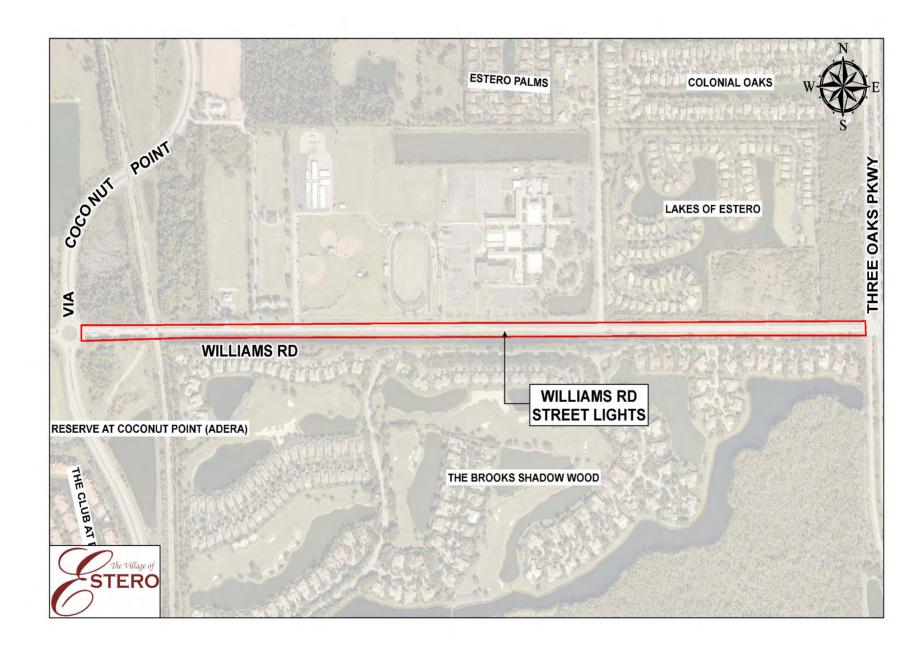
Project Description:

Install street lights along Williams Road from Via Coconut Point to Three Oaks Parkway.

Project Justification:

Williams Road has an existing sidewalk on the north side of the road east of Via Coconut Point. The Bicycle and Pedestrian Master Plan recommends adding protected bike lanes and sidewalk walks on both sides of the road. Installation of street lights will improve along the corridor and promote usage of the sidewalks during night time hours.

1-19 02/27/20



CIP Project Summary River Ranch Road Street Lights

CIP Category: Street Lights

Design: \$ 30,500.00 Construction: \$ 320,000.00 Total: \$ 350,500.00

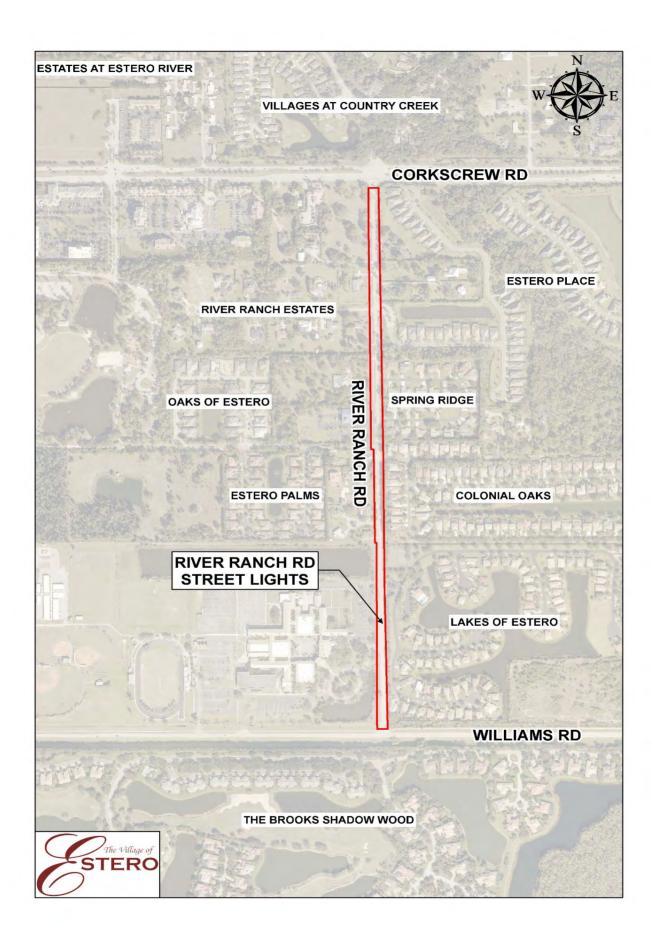
Project Description:

Install street lights along River Ranch Road

Project Justification:

Estero High School and several elementary & high school bus stops are located along River Ranch Road. At times students walk to Estero High School or their bus stop in the dark. In addition, there is an existing sidewalk along a portion of the road and the Bicycle and Pedestrian Master Plan recommends adding a shared use path and completing the existing sidewalk. Providing street lights along River Ranch Road would improve safety for the students in the area and allow the sidewalks to be used at night.

1-21 02/27/20



1-22 02/27/20

CIP Project Summary Broadway Street Lights

CIP Category: Street Lights

Design: \$ 72,300.00 Construction: \$ 760,000.00 Total: \$ 832,300.00

Project Description:

Install street lights along Broadway from Armada Court to Sandy Lane

Project Justification:

There is an existing sidewalk on the south side of Broadway west of US41 and the Bicycle and Pedestrian Master Plan recommends adding a shared used path. Installation of street lights would improve roadway safety and allow bicycles and pedestrians to use the sidewalk and/or shared used path at night.

1-23 02/27/20

OSPREY COVE

CIP Project Summary Sandy Lane Street Lights

CIP Category: Street Lights

 Design:
 \$
 28,600.00

 Construction:
 \$
 300,000.00

 Total:
 \$
 328,600.00

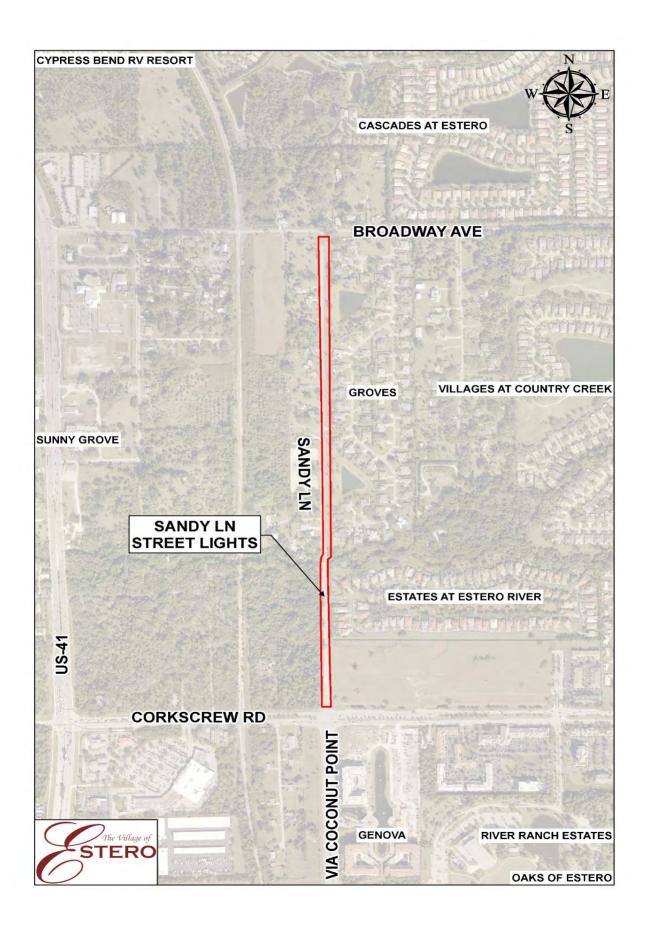
Project Description:

Install street lights along Sandy Lane.

Project Justification:

While Sandy Lane does not currently have bike/ped facilities, the Bicycle and Pedestrian Master Plan recommends installation of shared used path. Street lights would improve roadway safety and after a multi-use path is installed, street lights will allow bicycles and pedestrians to use the path at night.

1-25 02/27/20



CIP Project Summary Via Coconut Point Extension (South)

CIP Category: Roadway

Design: \$ 438,000.00 Construction: \$ 1,811,000.00 Total: \$ 2,249,000.00

Project Description:

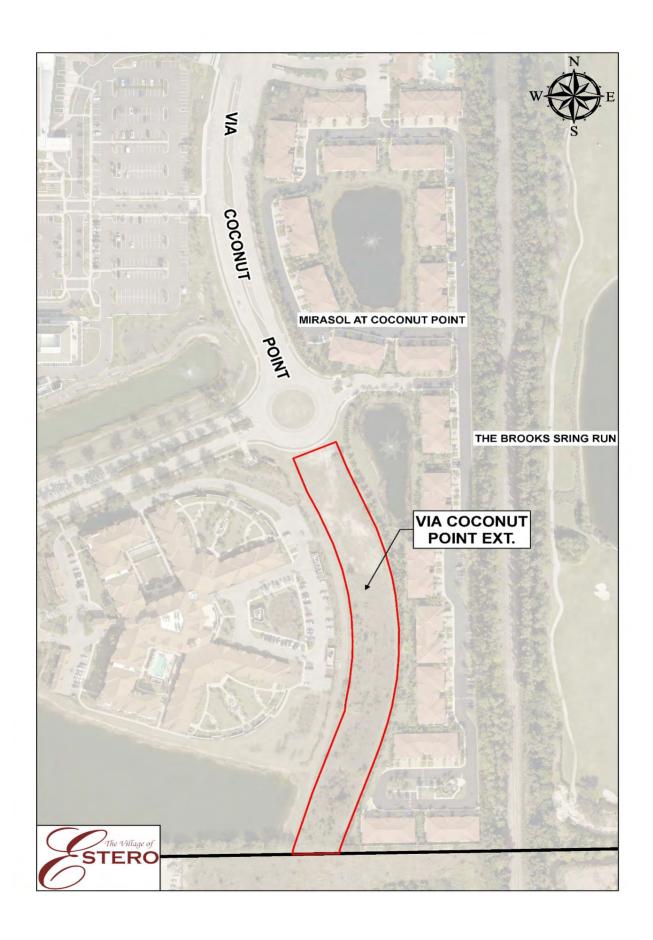
Extend Via Coconut Point south from Pelican Colony Blvd. to the Village of Estero/City of Bonita Springs jurisdictional boundary.

This project will need to be designed, permitted and constructed in conjunction with The City of Bonita Spring's work to connect Via Coconut Point with Old US-41 from the jurisdictional boundary to Old US-41.

Project Justification:

Extending Via Coconut Point in Estero to Old US-41 in Bonita Springs will provide an alternate route to US-41. This project will add another connection from Coconut Road in Estero to Bonita Beach Road in Bonita Springs and US-41 in Collier County. It will help reduce traffic on US-41.

1-27 02/27/20



CIP Project Summary Corkscrew Rd/Town Commons Signal

CIP Category: Intersection

Design: \$ 220,000.00 Construction: \$ 842,600.00 Total: \$ 1,062,600.00

Project Description:

Three commercial developments along Corkscrew Road have previously agreed to pay for the design, permitting, and installation of a traffic signal on Corkscrew Road at Puente Lane. To date the developers have not come forward to pay for the traffic signal. The Village of Estero has stepped in to pay for the design of the project. All costs incurred by the Village are expected to be reimbursed by the Developers.

Project Justification:

Traffic warrants for the installation of a traffic signal at Corkscrew Road and Estero Town Commons/Puente Lane have been met, according to Lee County DOT. Lee County has agreed to install the traffic signal after developer payments have been received. This traffic signal is expected to improve safety by allowing vehicles to enter Corkscrew Road at a controlled intersection and allow the elimination of left turns out of Corkscrew Woodlands Blvd.

2-1 02/24/20

COURTYARDS AT ESTERO

CIP Project Summary Corkscrew Woodlands Intersection Improvements

CIP Category: Intersection

Design: \$ 10,800.00 Construction: \$ 46,400.00 Total: \$ 57,200.00

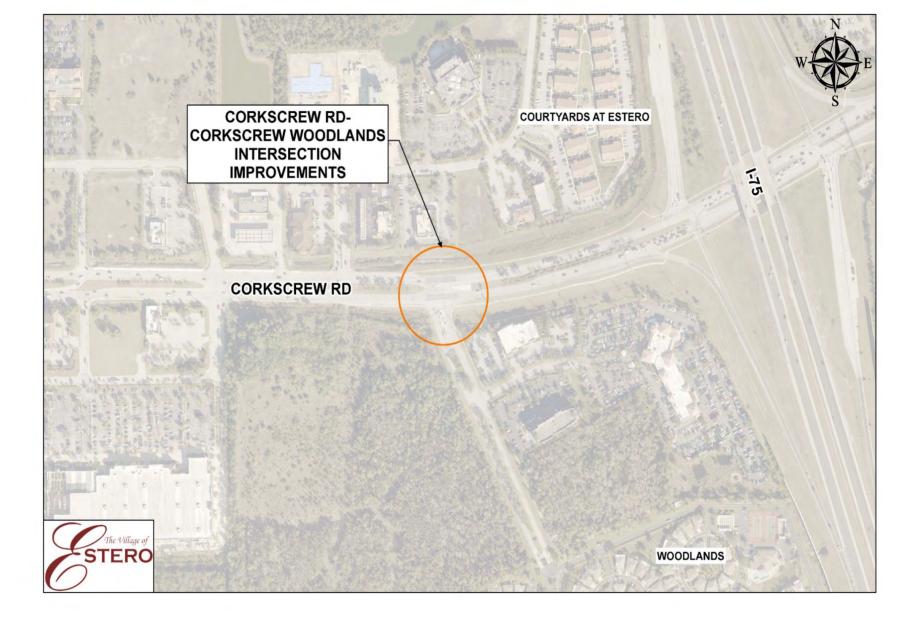
Project Description:

After the Estero Crossing frontage road and Puente Lane traffic signal are installed, the left turn out of Corkscrew Woodland Blvd. will be closed by Lee County. Residents will be redirected to the Puente Lane signal to make left turns at the proposed traffic signal.

Project Justification:

The Village Wide Traffic Study recommends closing the intersection of Corkscrew Road & Corkscrew Woodlands Blvd. after the frontage road is completed. This will improve traffic safety by eliminating an unsignalized left hand turn and redirecting traffic to a signalized intersection.

2-3 02/24/20



CIP Project Summary US-41 & Pelican Colony Traffic Signal

CIP Category: Intersection

Design: \$ 132,000.00 Construction: \$ 552,000.00 Total: \$ 684,000.00

Project Description:

Adjacent developments will design, permit, and construction a traffic signal on US-41 at Pelican Colony Blvd.

Project Justification:

Pavement for the traffic signal by the adjacent developments after the signal is warranted is outlined in their prospective zoning documents. According to FDOT, the traffic signal is now warranted. The traffic signal is expected to improve safety and traffic flow on Pelican Colony Blvd. and Coconut Road.

2-5 02/24/20

TIDES AT PELICAN LANDING

US-41

CIP Project Summary Williams Road West of US-41 Intersection Improvements

CIP Category: Intersection

Design: \$ 586,560.00 Construction: \$ 2,924,760.00 Total: \$ 3,511,320.00

Project Description:

Construct roadway intersection improvements on Williams Road east of US-41 to prevent illegal left turns out of the Walgreens parking lot and improve left turn vehicle stacking at US-41. Potential improvements include the following:

Install traffic separator to prevent left turn out of Walgreen and Atlantic Gulf drive

Construct roundabout at Life Care Center

Extend east bound left turn onto US-41

Project Justification:

The Village of Estero receives more complaints about the intersection of Williams Road and Atlantic Gulf Drive than any other issue within Estero. Vehicles constantly make illegal left turns and the short left turn at US-41 contributes to traffic back ups. The Village Wide Traffic Study also identified issues at this location and recommended closing the westbound left turn from Williams Rd to Atlantic Gulf Drive. The proposed improvements will improve safety and traffic flow.

2-7 02/24/20

MEADOWS OF ESTERO

CIP Project Summary Corkscrew Rd/Three Oaks Pkwy Intersection Improvements

CIP Category: Intersection

Design: \$ 78,000.00 Construction: \$ 352,200.00 Total: \$ 430,200.00

Project Description:

Construct intersection improvements at Corkscrew Road and Three Oaks Parkway. Improvements will include the following:

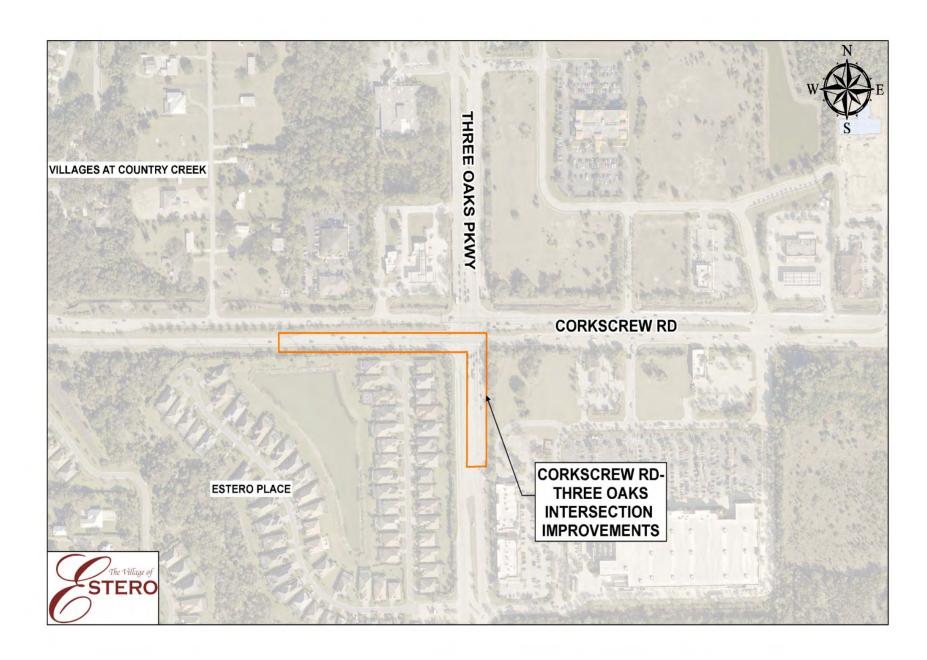
Extend eastbound left turn lanes by 600LF.

Extend northbound right turn and add second northbound right turn.

Project Justification:

As outlined in the Village Wide Traffic Study, at times of higher traffic volumes, there is insufficient stacking and capacity on Three Oaks Parkway for north bound right turn and on Corkscrew Road for east bound left turn. These improvements will improve the flow of traffic through the intersection and reduce traffic delays.

2-9 02/24/20



CIP Project Summary Coconut Road/US-41 Intersection Improvements

CIP Category: Intersection

Design: \$ 186,200.00 Construction: \$ 387,900.00 Total: \$ 574,100.00

Project Description:

Construct intersection improvements along Coconut Road east of US-41 to improve traffic flow and increase vehicle stacking at US-41. Improvement could include the following:

Signal Retiming

Extend EB right turn lane

Extend WB dual left turn lanes

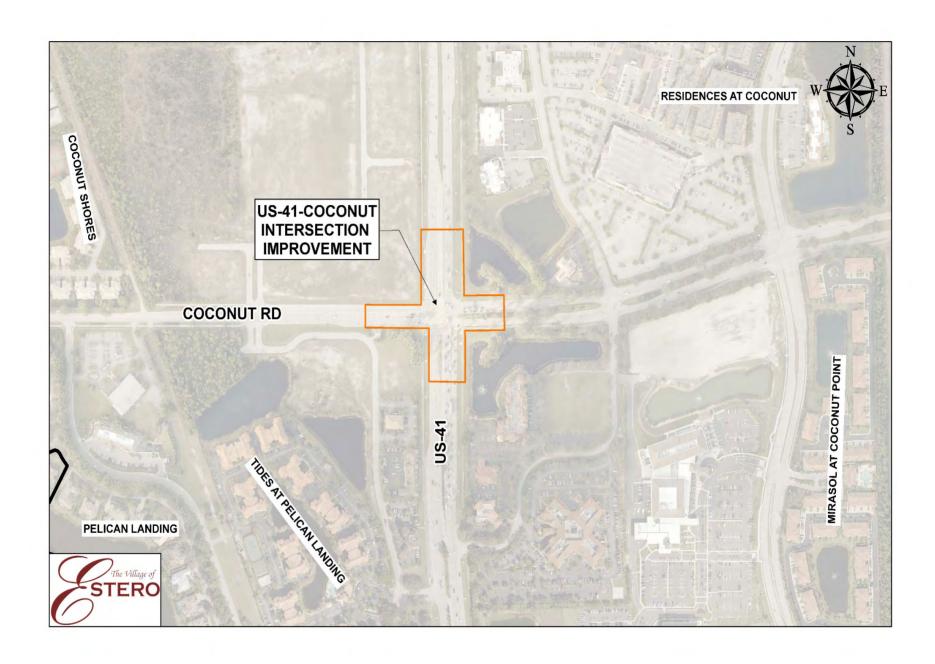
Extend SB right turn lane

Add second NB left turn lane

Project Justification:

As outlined in the Coconut Road Traffic Study, the Coconut Road/US-41 intersection is nearing/exceeding the traffic volume that can be accommodated by the existing lanes of traffic. Improvements will be required to increase the volume of traffic through the intersection to reduce traffic delays.

2-11 02/24/20



CIP Project Summary US-41/Williams Rd Intersection Improvements

CIP Category: Intersection

Design: \$ 210,000.00 Construction: \$ 60,400.00 Total: \$ 270,400.00

Project Description:

Construct intersection improvements on US-41 at Williams Road. Improvements could include the following:

Convert the gore area into a second southbound left turn lane

Project can only start after Williams Rd is widened to accommodate the second lane of traffic from US41.

Project Justification:

The Village Wide Traffic Study identified the need for an additional southbound turn lane at US41 and Williams Road. As traffic volumes continue to increase at the intersection of US-41 and Williams Road, traffic volumes will exceed the intersections capacity. The proposed intersection improvements will increase the volume of traffic that can be accommodated by the intersection, reducing traffic delays.

2-13 02/24/20

MEADOWS OF ESTERO

US-41\WILLIAMS RD

CIP Project Summary Coconut Shores Roundabout

CIP Category: Intersection

Design: \$ 307,500.00 Construction: \$ 662,400.00 Total: \$ 969,900.00

Project Description:

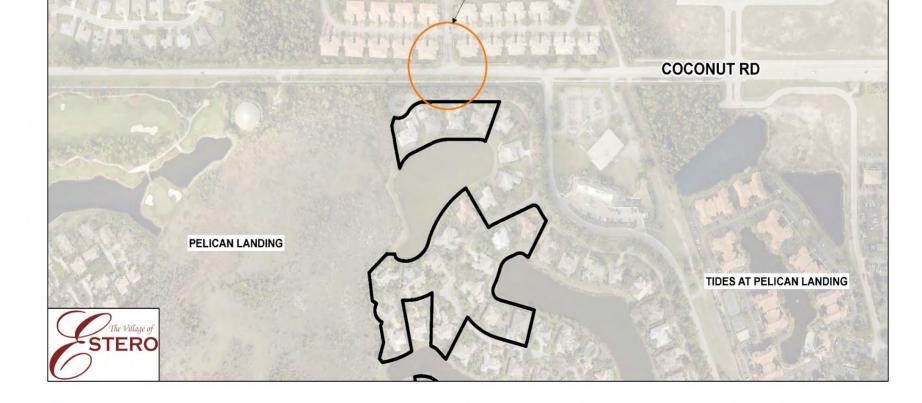
Construct a roundabout at the intersection of Coconut Road and Coconut Shores.

Project Justification:

The Coconut Road Traffic Study recommends the installation of three roundabouts (Coconut Shores, Meadowbrook and El Dorado) along Coconut Road, west o US-41. As traffic along Coconut Road increases with future development, making southbound left turns (the predominate movement at each intersection) onto Coconut Road will be more difficult. The Coconut Shores, Meadowbrook and El Dorado entrance are expected to fail. Roundabouts were recommended to improve these intersections, allowing vehicles and pedestrians to more safely cross Coconut Road.

2-15 02/24/20

MEADOWBROOK



COCONUT RD-COCONUT SHORES ROUNDABOUT

COCONUT SHORES

CIP Project Summary US-41/Pelican Sound Intersection Improvements

CIP Category: Intersection

 Design:
 \$
 277,100.00

 Construction:
 \$
 577,300.00

 Total:
 \$
 854,400.00

Project Description:

Intersection improvements will be required to accommodate the additional traffic associated with the North Point DRI. Improvements will likely include the following:

Traffic Signal

Southbound left turn

Northbound right turn

Westbound left turn

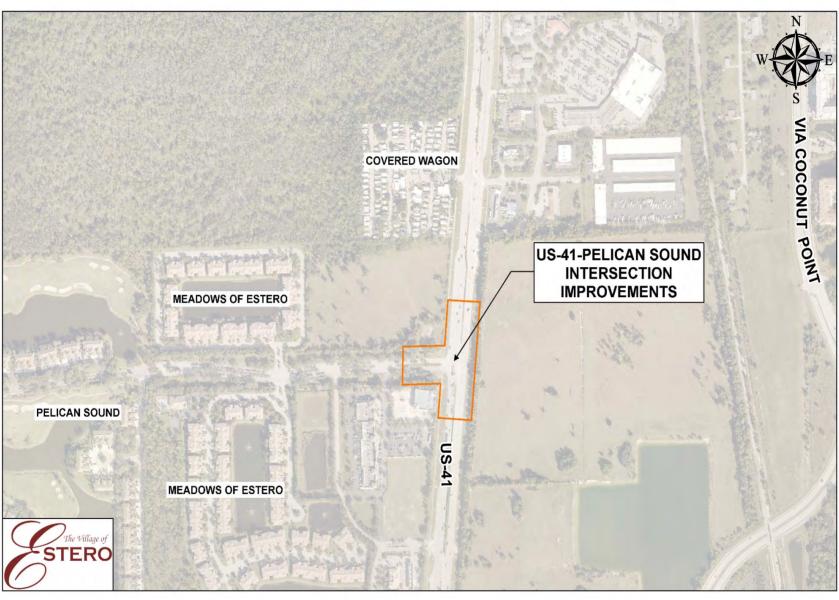
Westbound through lane

Westbound right turn

Project Justification:

The Village Wide Traffic Study recommended these intersection improvements. The improvements are required to accommodate the existing traffic on US-41 and the additional traffic associated with the North Point DRI

2-17 02/24/20



CIP Project Summary Corkscrew/US-41 Intersection Improvements

CIP Category: Intersection

Design :	\$ 127,300.00
Construction:	\$ 265,200.00
Total:	\$ 392,500.00

Project Description:

Construct a second westbound to north bound right turn on Corkscrew Road. Turn lane length is expected to match the existing left turn lane length.

Project Justification:

The Village Wide Traffic Study recommends this turn lane improvement to increase traffic capacity at US-41 and Corkscrew Road.

2-19 02/24/20



CIP Project Summary Meadowbrook Roundabout

CIP Category: Intersection

Design: \$ 307,500.00 Construction: \$ 662,400.00 Total: \$ 969,900.00

Project Description:

Construct a roundabout at the intersection of Coconut Road and Olde Meadowbrook Blvd.

Project Justification:

The Coconut Road Traffic Study recommends the installation of three roundabouts (Coconut Shores, Meadowbrook and El Dorado) along Coconut Road, west o US-41. As traffic along Coconut Road increases with future development, making southbound left turns (the predominate movement at each intersection) onto Coconut Road will be more difficult. The Coconut Shores, Meadowbrook and El Dorado entrance are expected to fail. Roundabouts were recommended to improve these intersections, allowing vehicles and pedestrians to more safely cross Coconut Road.

2-21 02/24/20

CIP Project Summary North Point Railroad Crossing

CIP Category: Intersection

Design: \$ Construction: \$ Total: \$ 1,000,000.00

Project Description:

To build a roadway from Via Coconut Point to US-41 through the North Point Development, Seminole Gulf Railway property will need to be crossed. This budget item will pay for the costs required to cross the railroad property.

Project Justification:

A roadway connection from US-41 and Pelican Sound Drive to Via Coconut Point is desired to provide a connection through the North Point Development.

2-23 02/24/20

CIP Project Summary El Dorado Roundabout

CIP Category: Intersection

Design: \$ 307,500.00 Construction: \$ 662,400.00 Total: \$ 969,900.00

Project Description:

Construct a roundabout at the intersection of Coconut Road and El Dorado Blvd.

Project Justification:

The Coconut Road Traffic Study recommends the installation of three roundabouts (Coconut Shores, Meadowbrook and El Dorado) along Coconut Road, west o US-41. As traffic along Coconut Road increases with future development, making southbound left turns (the predominate movement at each intersection) onto Coconut Road will be more difficult. The Coconut Shores, Meadowbrook and El Dorado entrance are expected to fail. Roundabouts were recommended to improve these intersections, allowing vehicles and pedestrians to more safely cross Coconut Road.

2-25 02/24/20

CIP Project Summary Coconut Road Pedestrian Improvements

CIP Category: Bicycle & Pedestrian

Design: \$ 75,000.00 Construction: \$ 177,800.00 Total: \$ 252,800.00

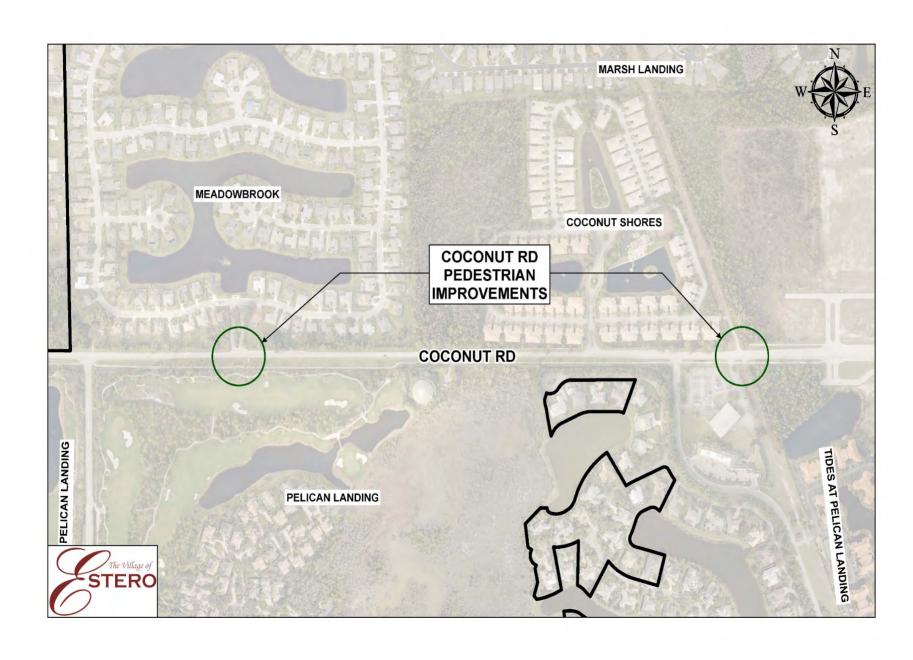
Project Description:

Install a crosswalk for pedestrian access to sidewalk on the south side of the roadway at Old Meadowbrook Blvd and extends the existing sidewalk east of Coconut Shores to their back gate driveway located in on the FPL property.

Project Justification:

The residents on the north side of Coconut Road, east of US-41 do not have access to any sidewalks along Coconut Road. The proposed project will improve their access the sidewalks.

3-1 02/24/20



CIP Project Summary Williams Road Bike/Ped Improvements

CIP Category: Bicycle & Pedestrian

Design: \$ 300,000.00 Construction: \$ 1,162,400.00 Total: \$ 1,462,400.00

Project Description:

Install bicycle and pedestrian improvements from Via Coconut Point to Three Oak Parkway.

Project Justification:

The Village of Estero's Bike/Ped Master Plan identified the lack of safe east/west bicycle and pedestrian corridors as at major deficiency in Estero. Construction of bicycle and pedestrian improvements along Williams Road will provide a safe east/west corridor between two major north south corridors, Via Coconut Point and Three Oaks Parkway. It will also improve access to Estero High School and the future elementary and middle school.

3-3 02/24/20

CIP Project Summary Intersection Safety Study

CIP Category: Bicycle & Pedestrian

Design: \$ 110,000.00 Construction: \$ Total: \$ -

Project Description:

Prepare a study of bicycle and pedestrian safety at US-41 intersections and provide recommendations to improve safety.

Project Justification:

The Bicycle and Pedestrian Master Plan recommended additional study of bicycle and pedestrian safety at various intersections along US-41. This project will fulfill that recommendation.

3-5 02/24/20

3-6 02/24/20

CIP Project Summary Sandy Lane Bike/Ped Improvements

CIP Category: Bicycle & Pedestrian

Design: \$ 312,000.00 Construction: \$ 1,526,300.00 Total: \$ 1,838,300.00

Project Description:

Construct a shared use path along the east side of Sandy Lane from Corkscrew Road to Broadway East

Project Justification:

Estero residents along Broadway (East & West) and Sandy Lane have limited access to bicycle and pedestrian facilities. The Bicycle and Pedestrian Master Plan recommends the addition of a shared use path and facilities along Broadway East to connect these residents to a larger network of bicycle and pedestrian facilities along Via Coconut Point and Corkscrew Road. This project will improve bicycle/pedestrian access and safety.

3-7 02/24/20



3-8 02/24/20

CIP Project Summary Broadway E Shared Use Path

CIP Category: Bicycle & Pedestrian

Design: \$ 234,000.00 Construction: \$ 1,666,000.00 Total: \$ 1,900,000.00

Project Description:

Construct a shared use path and sidewalk along Broadway East from US-41 to Sandy Lane

Project Justification:

Estero residents along Broadway (East & West) have limited access to bicycle and pedestrian facilities. The Bicycle and Pedestrian Master Plan recommends the addition of a shared use path along Broadway E and a shared use path along Sandy Lane that will connect these residents to a larger network of bicycle and pedestrian facilities along Via Coconut Point and Corkscrew Road. This project will improve bicycle/pedestrian access and safety.

3-9 02/24/20



CIP Project Summary Corkscrew Road Shared Use Path (Three Oaks-Sandy Ln)

CIP Category: Bicycle & Pedestrian

Design: \$ 516,000.00 Construction: \$ 3,723,600.00 Total: \$ 4,239,600.00

Project Description:

Construction of a shared use path on the north side of Corkscrew Road from Three Oaks Parkway to Sandy Lane

Project Justification:

The Bicycle & Pedestrian Master Plan identified a lack of east west corridors as a major impediment to bicycle and pedestrian travel in Estero. Corkscrew Road was identified as the preferred main corridor. There are no bicycle or pedestrian facilities on the north side of Corkscrew Road from Three Oaks Parkway to Sandy Lane. This project will provide those facilities and improve bicycle/pedestrian access and safety.

3-11 02/24/20

CIP Project Summary Coconut Road Sidewalk (Oakwild - Via Coconut)

CIP Category: Bicycle & Pedestrian

 Design:
 \$
 138,000.00

 Construction:
 \$
 753,500.00

 Total:
 \$
 891,500.00

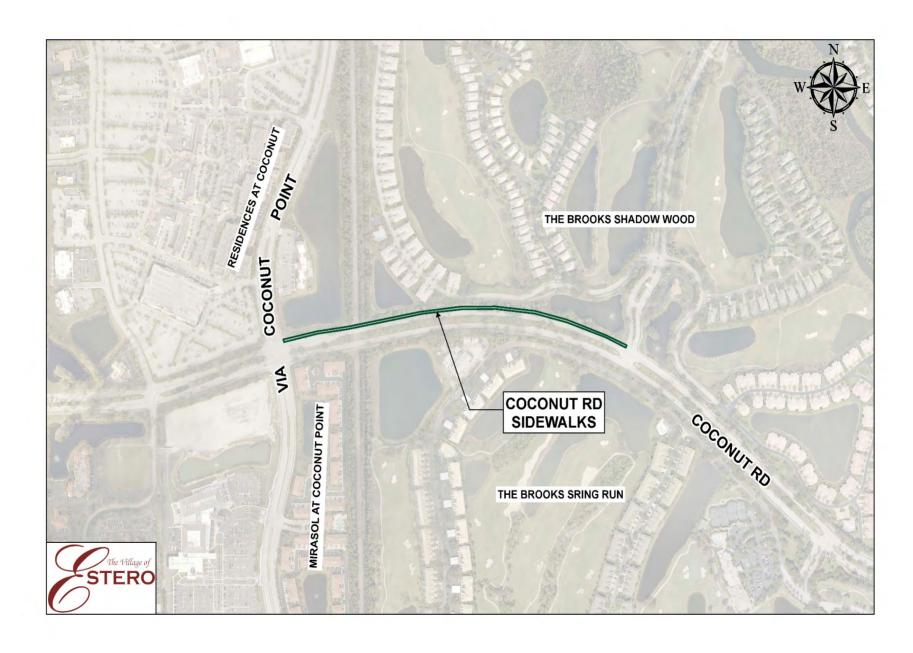
Project Description:

Install a sidewalk on the north side of Coconut Road from Oakwild Blvd. to Via Coconut Point

Project Justification:

The sidewalk on the north side of Coconut Road ends at Oakwild Blvd. Pedestrians must cross Coconut Road at a mid-block crossing to continue further west. The Bicycle and Pedestrian Master Plan recommended the extension of the sidewalk from Oakwild Blvd. to Via Coconut Point to improve pedestrian safety and access.

3-13 02/24/20



CIP Project Summary Corkscrew Palms Blvd. Sidewalk

CIP Category: Bicycle & Pedestrian

Design: \$ 48,000.00 Construction: \$ 55,400.00 Total: \$ 103,400.00

Project Description:

Construction of sidewalks along both sides of Corkscrew Palms Blvd.

Project Justification:

The additional of sidewalks along Corkscrew Palms Blvd. will provide pedestrian access to Estero Community Park. There is currently no pedestrian access to the park. This project will provide bicycle/pedestrian access to the park and improve safety for those that bike and walk to the park.

3-15 02/24/20

CIP Project Summary Via Coconut Point RAB Bicycle Improvements

CIP Category: Bicycle & Pedestrian

Design: \$ 162,000.00
Construction: \$ 303,900.00
Total: \$ 465,900.00

Project Description:

Modify the two roundabouts on Via Coconut Point to improve bicycle and pedestrian safety. Improvements would include the following

Bicycle ramps

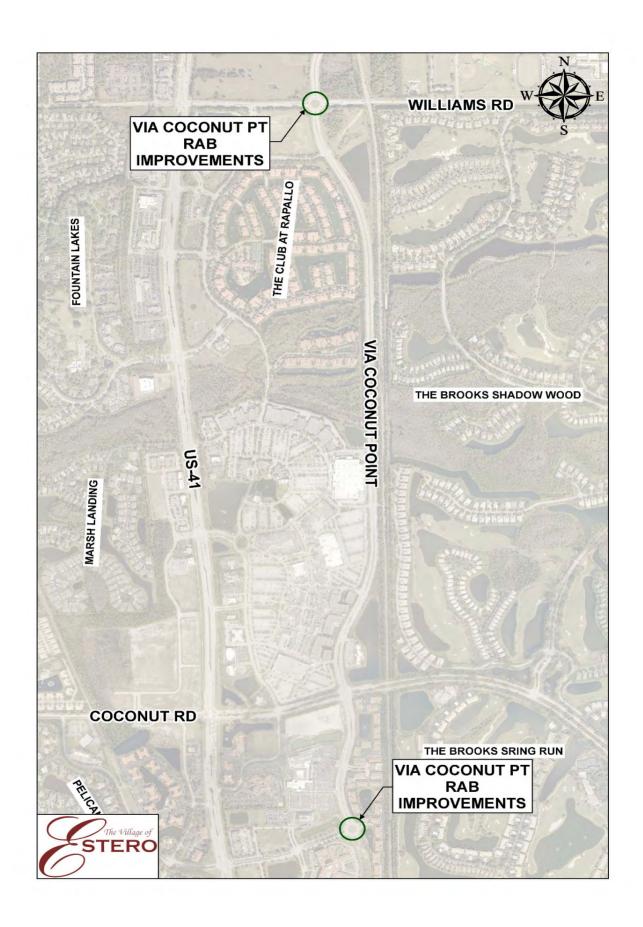
Expand sidewalks around each roundabout to 10-ft

Relocated crosswalk closer to roundabout to improve pedestrian visibility

Project Justification:

As more development occurs along Via Coconut Point, bicycle and pedestrian traffic is expected to increase. The existing roundabouts do not meet current standards for bicycle and pedestrian facilities. The proposed project will improve the bicycle and pedestrian safety at the roundabouts.

3-17 02/24/20



3-18 02/24/20

CIP Project Summary Corkscrew Road Bike/Ped Improvements (East of US-41)

CIP Category: Bicycle & Pedestrian

Design: \$ 978,000.00 Construction: \$ 10,330,600.00 Total: \$ 11,308,600.00

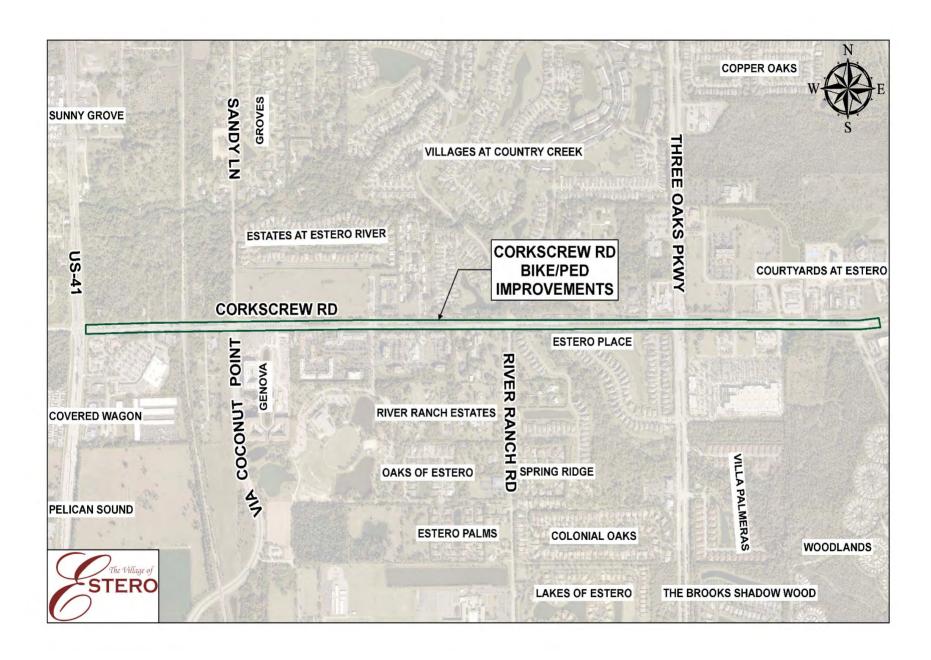
Project Description:

Install bike lanes on Corkscrew Road between US-41 and Ben Hill Griffin Parkway, where they currently do not exist. Excluding the shared use path proposed in the Coconut Road Shared Use path project.

Project Justification:

The Bicycle & Pedestrian Master Plan identified a lack of east west corridors as a major impediment to bicycle and pedestrian travel in Estero. Corkscrew Road was identified as the preferred main corridor. There are no bicycle facilities along the entire section from US-41 to Ben Hill Griffin Parkway, excluding the bike lanes being installed with the Interchange project. This project will add bike lanes along the roadway. This will improve bicycle/pedestrian access and safety along Corkscrew Road.

3-19 02/24/20



CIP Project Summary Corkscrew West US-41 Road Bike/Ped Improvements

CIP Category: Bicycle & Pedestrian

Design: \$ 225,600.00 Construction: \$ 345,000.00 Total: \$ 570,600.00

Project Description:

Construct improved bicycle and pedestrian facilities along Corkscrew Road from Koreshan State Park to US-41.

Project Justification:

The Bicycle and Pedestrian Master Plan recommends a shared use path and sidewalk along Corkscrew Road from Koreshan State Park to improve access to the park and bicycle/pedestrian safety.

3-21 02/24/20



CIP Project Summary Coconut Road Shared Use Path

CIP Category: Bicycle & Pedestrian

Design: \$ 324,000.00 Construction: \$ 910,800.00 Total: \$ 1,234,800.00

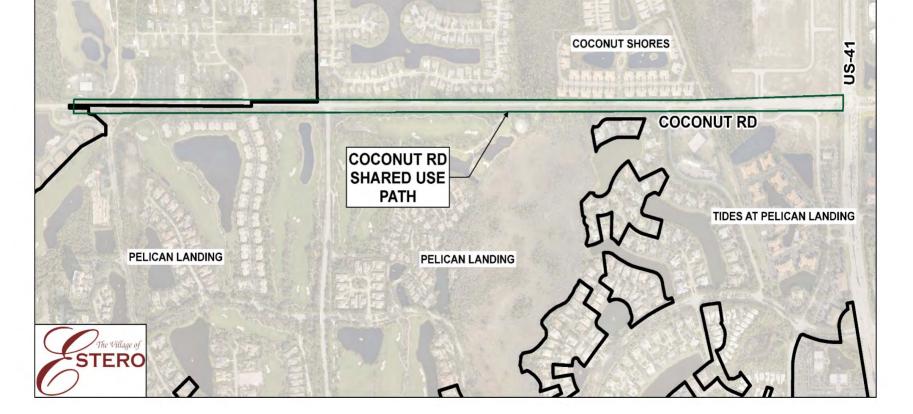
Project Description:

Expand the existing sidewalk on the south side of Coconut Road to a wider shared use path

Project Justification:

The Bicycle and Pedestrian Master Plan recommends a shared use path and sidewalk along Coconut Road. The narrow roadway width and limited right of way likely prevent the ability to install on street bike lanes or a sidewalk on the north side of Coconut Road. To improve bicycle and pedestrian access and safety along Coconut Road a wider shared use path is proposed along the south side of the road.

3-23 02/24/20



MEADOWBROOK

MARSH LANDING

CIP Project Summary Broadway W Shared Use Path

CIP Category: Bicycle & Pedestrian

Design: \$ 252,000.00
Construction: \$ 883,200.00
Total: \$ 1,135,200.00

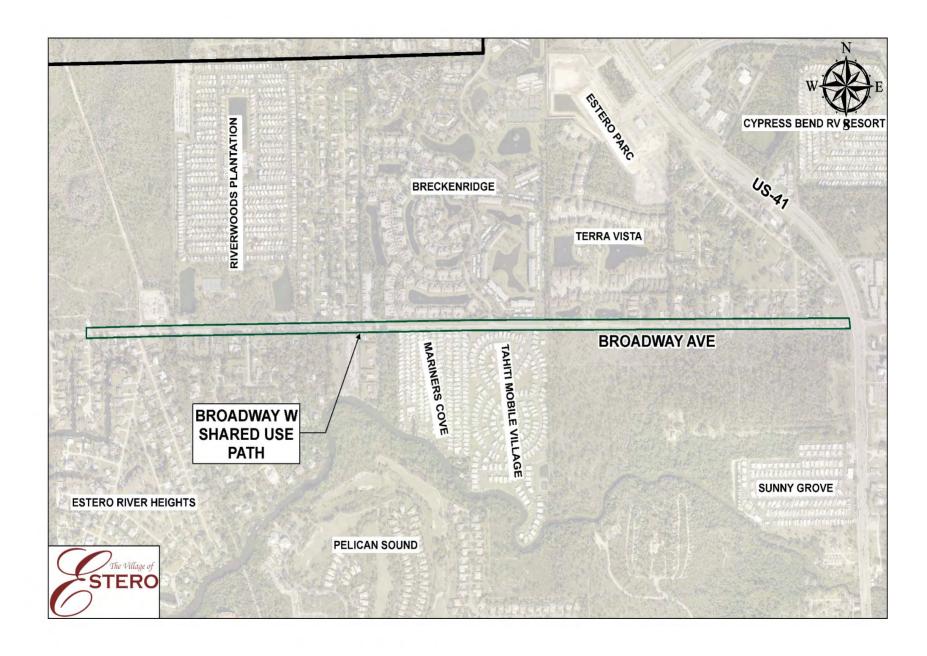
Project Description:

Widen existing sidewalk on Broadway W to a shared use path and install a sidewalk on the north side of the road, if room is available.

Project Justification:

Broadway West has limited bicycle facilities. The narrow roadway and sidewalk widths can make bicycling challenging. To address this, the Bicycle and Pedestrian Master Plan recommends widening the existing sidewalk to a shared use path and install a sidewalk on the north side of the road if room is available.

3-25 02/24/20



CIP Project Summary Broadway E Shared Use Path (Sandy Ln to Three Oaks)

CIP Category: Bicycle & Pedestrian

Design: \$ 402,000.00 Construction: \$ 1,757,500.00 Total: \$ 2,159,500.00

Project Description:

Construct a shared use path network from Sandy Lane to Three Oaks Parkway and Estero Parkway. This project will require coordination with private land owners as portions of the path would be located on private property.

Project Justification:

As outlined in the Bicycle & Pedestrian Master Plan, virtually all bicycle and pedestrian facilities within Estero at located along Roadways. This project corridor offers the potential to build a bicycle and pedestrian facility that is located off road. This project will improve bicycle/pedestrian access and safety.

3-27 02/24/20

CIP Project Summary SUN Trail North

CIP Category: Bicycle & Pedestrian

Design: \$ 1,188,000.00 Construction: \$ 4,241,000.00 Total: \$ 5,429,000.00

Project Description:

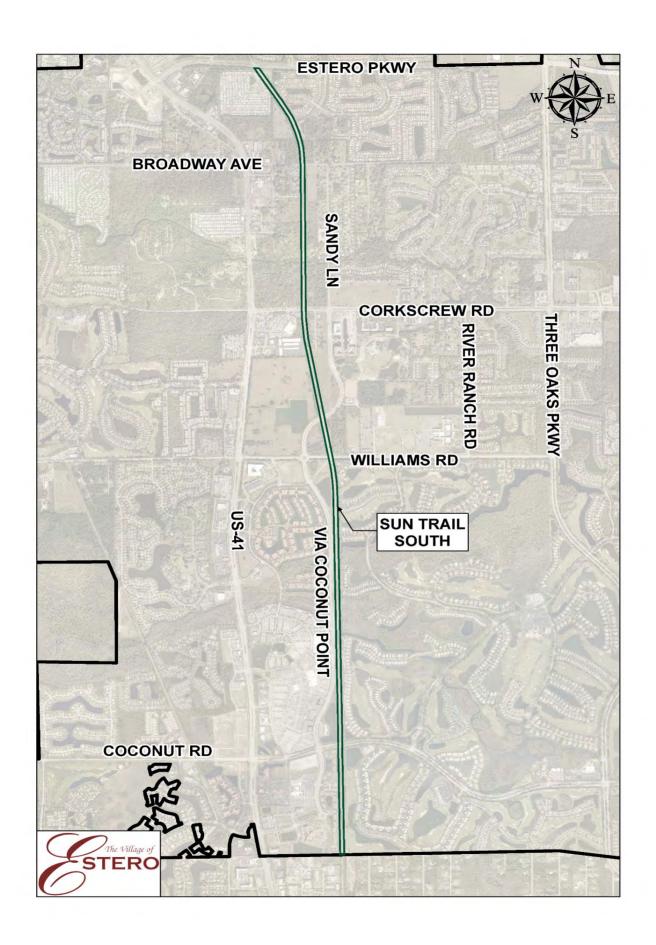
The construction of an off roadway multi-use pathway on the existing Seminole Gulf Railway right of way from the Village's southern limits to Estero Parkway. Project costs do not include land acquisition or easements. That is budgeted separately.

Project includes a bridge crossing of the Estero River.

Project Justification:

The Village of Estero Bike/Ped Master Plan identified the lack of off roadway bicycle and pedestrian facilities as a weakness for Estero. The Master Plan recommends the construction of a major off roadway bicycle and pedestrian corridor along the existing railroad to improve the bicycle and pedestrian experience and safety in Estero.

3-29 02/24/20



CIP Project Summary SUN Trail North

CIP Category: Bicycle & Pedestrian

 Design:
 \$ 816,000.00

 Construction:
 \$ 3,537,200.00

 Total:
 \$ 4,353,200.00

Project Description:

The construction of an off roadway multi-use pathway on the existing Seminole Gulf Railway right of way from Estero Parkway, north to the Village's northern limit. Project costs do not include land or easement acquisition. That is budgeted separately.

Construction will require two bridge crossings. One over Vintage Trace Circle and one over the Vines County Club cart path. The two bridges through the Vines Community will be designed to prevent access from the trail to the Community.

Construction of these improvements north of Estero Parkway must occur in conjunction with similar improvements in Unincorporated Lee County north of the Village boundary.

Project Justification:

The Village of Estero Bike/Ped Master Plan identified the lack of off roadway bicycle and pedestrian facilities as a weakness for Estero. The Master Plan recommends the construction of a major off roadway bicycle and pedestrian corridor along the existing railroad to improve the bicycle and pedestrian experience and safety in Estero.

3-31 02/24/20

CIP Project Summary FPL Shared Use Path (East of I75)

CIP Category: Bicycle & Pedestrian

Design: \$ 546,000.00 Construction: \$ 1,327,300.00 Total: \$ 1,873,300.00

Project Description:

Construction of a shared use path along the FPL corridor located east of I-75. The path could extend from Bonita Springs to the northern Village of Estero limits.

Construction of similar facilities north and south of the proposed improvements within unincorporated Lee County and City of Bonita spring may be required to justify this project.

Project Justification:

The Village of Estero Bike/Ped Master Plan identified the lack of off roadway bicycle and pedestrian facilities as a weakness for Estero. Construction of a major off roadway bicycle and pedestrian corridor along the existing FPL corridor would provide an alternative to on-roadway facilities. This project would improve bicycle/pedestrian access and safety.

3-33 02/24/20



3-34 02/24/20

CIP Project Summary Utility Corridor Shared Use Path (West US-41)

CIP Category: Bicycle & Pedestrian

Design: \$ 852,000.00
Construction: \$ 3,189,800.00
Total: \$ 4,041,800.00

Project Description:

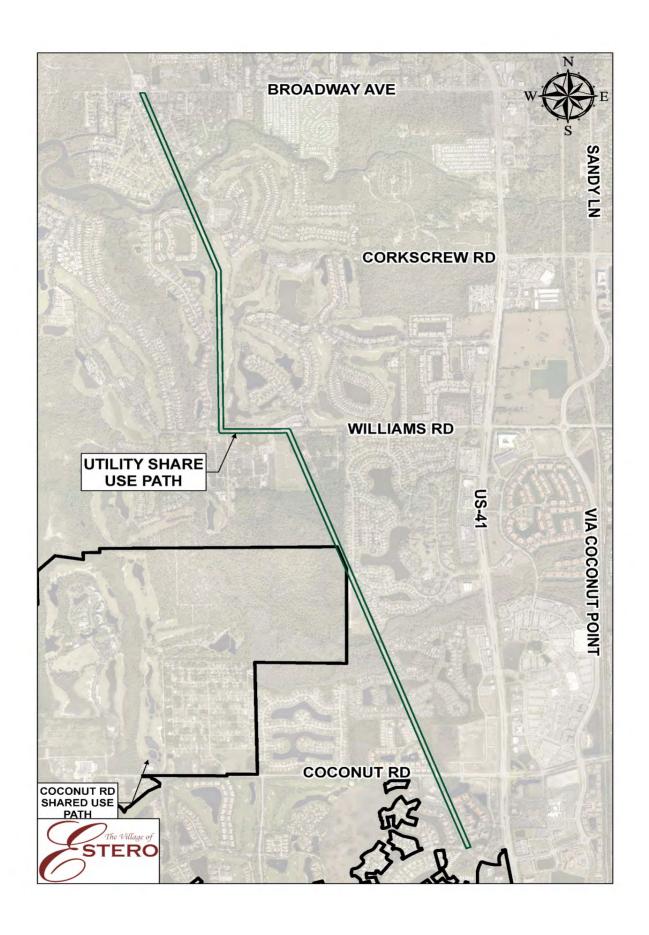
Construction of a shared use path along the utility corridor located west of US-41. The path could extend from Bonita Springs to Broadway W.

This project will require extensive coordination with the residents and communities along the corridor before the project can move forward. Portions of the project are located on private property.

Project Justification:

The Village of Estero Bike/Ped Master Plan identified the lack of off roadway bicycle and pedestrian facilities as a weakness for Estero. Construction of a major off roadway bicycle and pedestrian corridor along the existing utility corridor would provide an alternative to on-roadway facilities. This project would improve bicycle/pedestrian access and safety.

3-35 02/24/20



CIP Project Summary US-41 Median Landscaping

CIP Category: Landscape

Design: \$ Construction: \$ Total: \$ -

Project Description:

Install Landscaping within the US-41 Medians. Project will be completed by 2020/2021 fiscal year.

Project Justification:

Project construction is complete. Currently in maintenance phase.

4-1 03/02/20

4-2 03/02/20

CIP Project Summary Via Coconut Point Landscape Improvements

CIP Category: Landscape

Design: \$ 276,000.00 Construction: \$ 2,509,100.00 Total: \$ 2,785,100.00

Project Description:

Master plan Via Coconut Point Landscaping and install landscaping from Coconut Road to Williams Road.

Project Justification:

Via Coconut Point is mostly un-landscaped, with the exception of the area adjacent to Genova. Additional landscaping is needed along Via Coconut Point to meet landscaping expectations and standards set by other roadways within Estero. Additional landscaping will provide traffic calming, provide shade for pedestrians and improve aesthetics. A master plan is required to create a consistent plan for landscaping the entire roadway. The Village of Estero will install the landscaping from Williams Road to Coconut Road. It is anticipated, adjacent developments will install the remaining landscaping.

4-3 03/02/20



4-4 03/02/20

CIP Project Summary Ben Hill Griffin Parkway Landscape Improvements

CIP Category: Landscape

Design: \$ 130,000.00 Construction: \$ 2,090,900.00 Total: \$ 2,220,900.00

Project Description:

Install additional landscaping along Ben Hill Griffin Parkway.

Project Justification:

Ben Hill Griffin Parkway current has only limited landscaping. Additional landscaping is needed along Ben Hill Griffin Parkway to meet landscaping expectations and standards set by other roadways within Estero. Additional landscaping will provide traffic calming, provide shade for pedestrians and improve aesthetics.

4-5 03/02/20



CIP Project Summary I-75 Landscape Improvements

CIP Category: FDOT

Design: \$ 120,000.00
Construction: \$ 1,410,000.00
Total: \$ 1,530,000.00

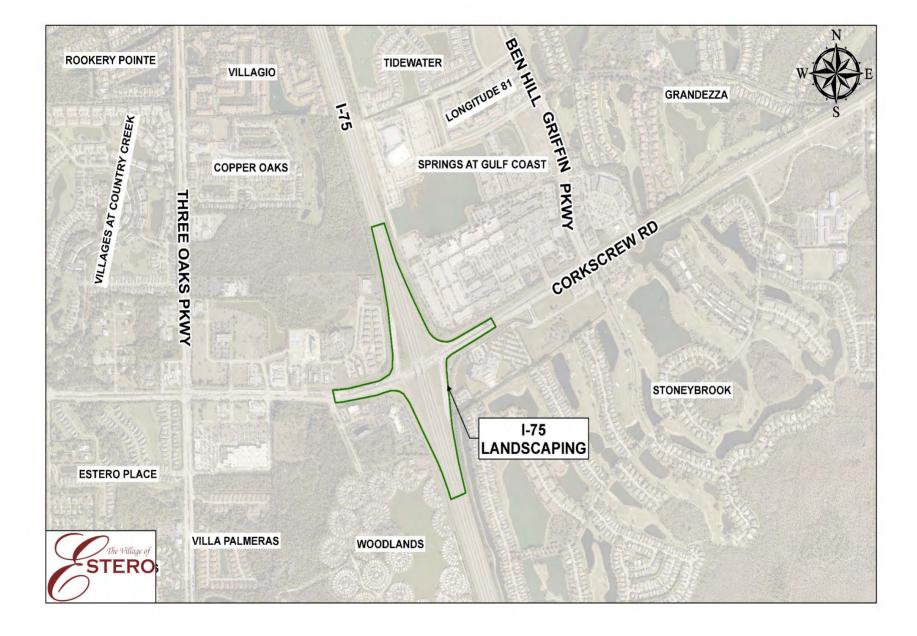
Project Description:

FDOT is scheduled to design, permit and install landscaping at the Corkscrew Road Interchange. The Village is expected pay for the design and construction of enhanced landscaping above what is typically provided by FDOT.

Project Justification:

The Corkscrew Road Interchange is where many residents and visitors enter and exit Estero. It is important to beatify the interchange to better reflect Estero. Enhanced landscaping will better identify Estero and provide traffic calming and shade along Corkscrew Road.

4-7 03/02/20



CIP Project Summary Monument Signs

CIP Category: Landscape

Design : See Below Construction : See Below Total: See Below

Project Description:

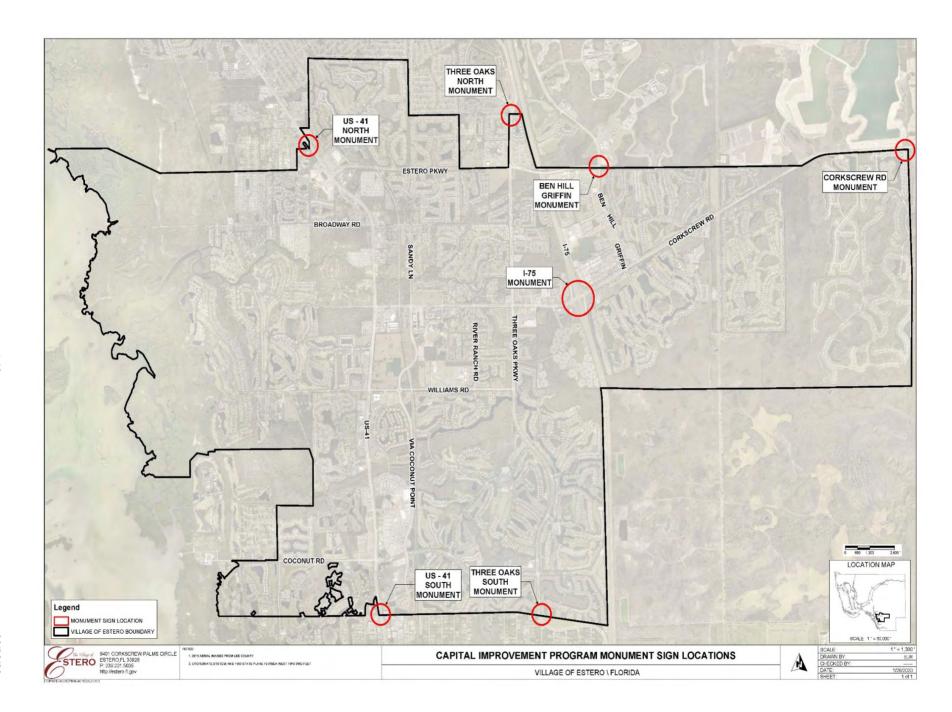
Install monument signs at various locations around Estero.

Project Justification:

To identify the Village of Estero limits, monument signs are required at entry points around Estero.

Cost Estimate								
Design								
Item	Description	Quantity	Unit	Unit Cost		Total Cost		
US-41								
1	Design	1	LS	\$	20,000.00	\$	20,000.00	
2	Monument Entry Signs	2	EA	\$	50,000.00	\$	100,000.00	
Sub-total Sub-total						\$	120,000.00	
	Total (including 20% Contingency)					\$	144,000.00	
I-75								
1	Design	1	LS	\$	35,000.00	\$	35,000.00	
2	Monument Entry Signs	2	EA	\$	70,000.00	\$	140,000.00	
Sub-total						\$	175,000.00	
Total (including 20% Contingency)					\$	210,000.00		
	Three Oaks Parkway							
1	Design	1	LS	\$	15,000.00	\$	15,000.00	
2	Monument Entry Signs	2	EA	\$	50,000.00	\$	100,000.00	
Sub-total Sub-total						\$	115,000.00	
Total (including 20% Contingency)						\$	138,000.00	
Ben Hill Griffin Parkway								
1	Design	1	LS	\$	10,000.00	\$	10,000.00	
2	Monument Entry Signs	1	EA	\$	50,000.00	\$	50,000.00	
Sub-total						\$	60,000.00	
Total (including 20% Contingency)						\$	72,000.00	
Corkscrew Road								
1	Design	1	LS	\$	10,000.00	\$	10,000.00	
2	Monument Entry Signs	1	EA	\$	50,000.00	\$	50,000.00	
					Sub-total	\$	60,000.00	
	Total (including 20% Contingency)						72,000.00	

4-9 03/02/20



CIP Project Summary US-41 Shoulder Landscaping

CIP Category: Landscape

Design: \$ 444,000.00 Construction: \$ 3,293,200.00 Total: \$ 3,737,200.00

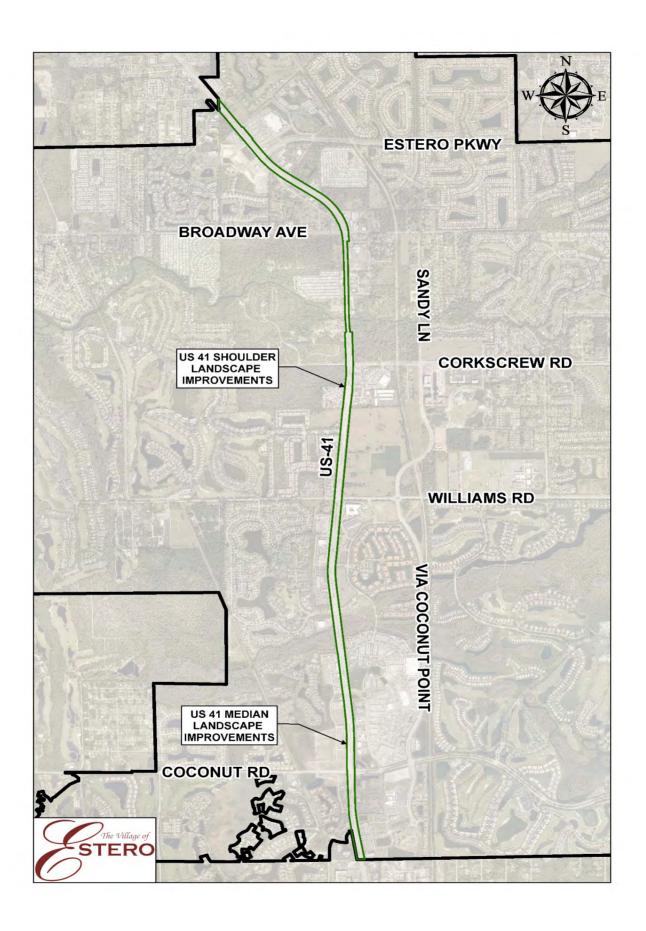
Project Description:

Install landscaping along the US-41 outside edge of pavement.

Project Justification:

Additional landscaping is required along the US-41 roadway shoulders to beautify the roadway, better identify Estero, and help promote slower vehicular speeds. Landscaping will also provide shade for pedestrians.

4-11 03/02/20



CIP Project Summary Three Oaks Parkway Landscape Improvements

CIP Category: Landscape

Design: \$ 325,000.00 Construction: \$ 5,227,200.00 Total: \$ 5,552,200.00

Project Description:

Enhance existing landscaping along Three Oaks Parkway from Estero Parkway to the Brooks.

Project Justification:

Three Oaks Parkway is one of the major roadways in Estero and portions of the roadway currently only has limited landscaping. Beatification of the roadway is important to better identify Estero. Additional landscaping is needed to meet landscaping expectations and standards set by other roadways within Estero. Additional landscaping will provide traffic calming, provide shade for pedestrians and improve aesthetics.

4-13 03/02/20



CIP Project Summary Corkscrew Road Landscape Enhancement (I-75 to East Village Boundary)

CIP Category: Landscape

Design: \$ Construction: \$ Total: \$ -

Project Description:

Project is part of the Corkscrew Road widening project.

Project Justification:

Corkscrew Road is one of the major roadways in Estero and is currently mostly un-landscaped. Lee County will be providing some landscaping at part of their widening project. Landscaping above the Lee County standard are needed to better identify Estero. Additional landscaping is needed to meet landscaping expectations and standards set by other roadways within Estero. Additional landscaping will provide traffic calming, provide shade for pedestrians and improve aesthetics.

4-15 03/02/20



CIP Project Summary Corkscrew Road Landscape Enhancement (US41-I75)

CIP Category: Landscape

Design: \$ 234,000.00 Construction: \$ 3,763,600.00 Total: \$ 3,997,600.00

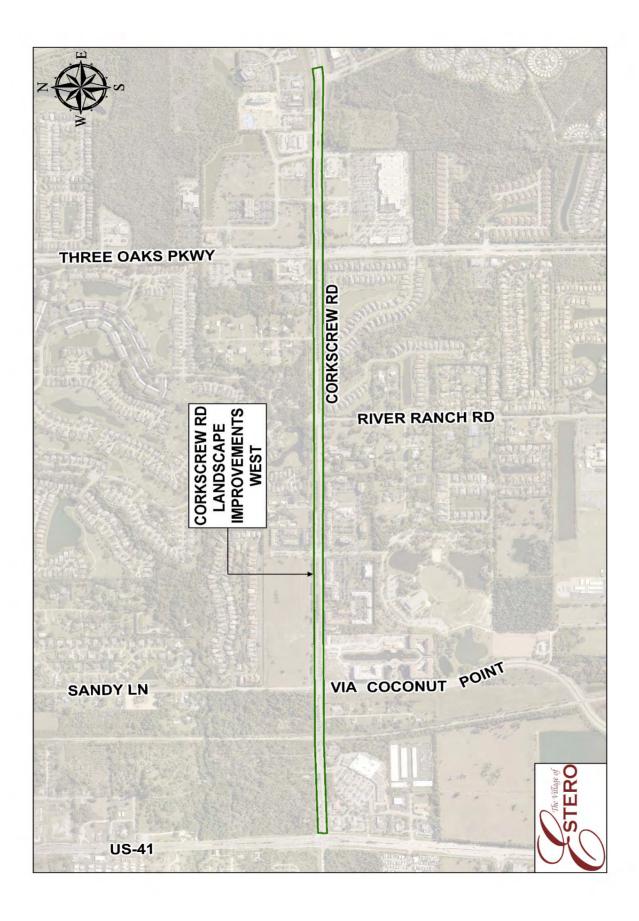
Project Description:

Enhance existing landscaping along Corkscrew Road from US-41 to I-75.

Project Justification:

Corkscrew Road is one of the major roadways in Estero. The roadway median is currently landscaped with trees and some shrubs. Beatification of the roadway is important to better identify Estero. Additional landscaping is needed to meet landscaping expectations and standards set by other roadways within Estero. Additional landscaping will provide additional traffic calming, provide shade for pedestrians and improve aesthetics.

4-17 03/02/20



CIP Project Summary Williams Road Landscape Improvements (Via Coconut to Three Oaks)

CIP Category: Landscape

Design: \$ 143,000.00 Construction: \$ 1,341,700.00 Total: \$ 1,484,700.00

Project Description:

Install landscaping along Williams Road to beautify the roadway and provide shade for pedestrians.

Project Justification:

Williams Road was identified in the Bicycle and Pedestrian Master Plan as one of the potential east/west pedestrians corridors through Estero. To improve bicycle and pedestrian comfort it will be important to install landscaping to provide shade and improved aesthetics. Landscaping could also provide traffic calming to help reduce vehicle speeds and further improve safety.

4-19 03/02/20



CIP Project Summary Estero on the River Master Plan

CIP Category: Parks & Recreation

Design: \$ 252,000.00
Construction: \$ Total: \$ -

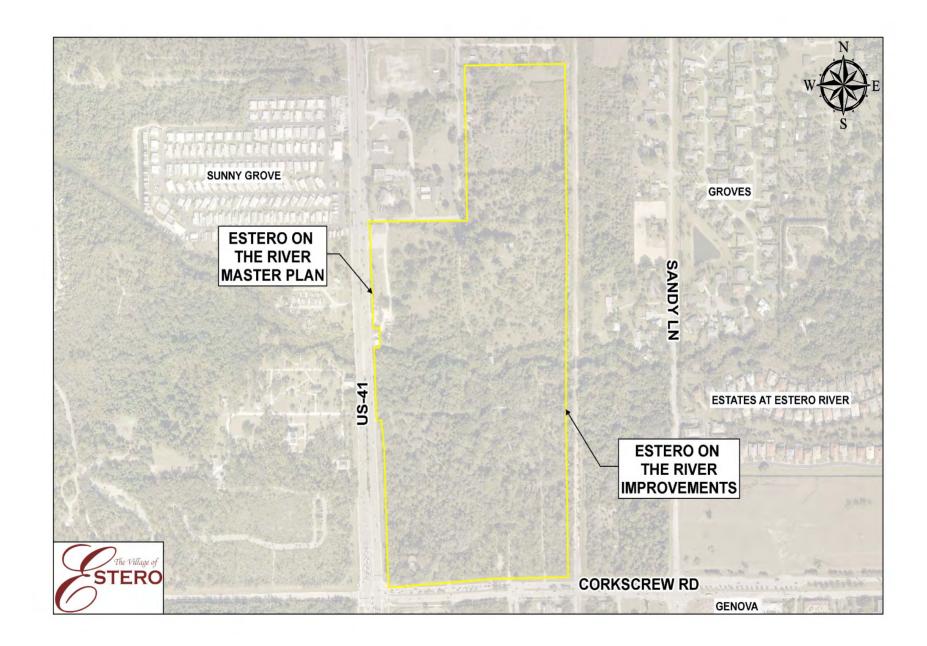
Project Description:

Prepare Master Plan for the Estero on the River property

Project Justification:

The Village of Estero owns approximately 66 acres of land north of Corkscrew Road between US-41 and Seminole Gulf Railroad. The intended use for the project has not yet been determined. A project master plan that involves significant public input will provide a plan for the property going forward.

5-1 02/24/20



CIP Project Summary Estero/School/County Park Master Plan

CIP Category: Parks & Recreation

Design: \$ 150,000.00

Construction: \$
Total: \$ -

Project Description:

Prepare master plan for potential park improvements on Estero Community Park property, School District property and potential additional land purchases.

Project Justification:

The Park, Recreation, and Open Space Master Plan recommended coordinating park facilities at the Estero Community Park / Estero High School Property. A project master plan is required to work through the potential project alternatives and identify alternatives the Village, Lee County and School District of Lee County can proceed with.

5-3 02/24/20

CIP Project Summary Estero Community Park Expansion

CIP Category: Parks & Recreation

Design: \$ 738,000.00 Construction: \$ 10,113,600.00 Total: \$ 10,851,600.00

Project Description:

The exact extent of park improvements are not yet know and will be determined during the Estero/School/Park Master Plan. For cost estimating purposes the following improvements were used:

- 6 Pickleball courts
- 4 Multi-purpose fields
- 1 Baseball Field
- 1 Softball Field
- 2 mi. Walking paths
 - 3 New restroom facilities

Covered Shelters

Parking lots

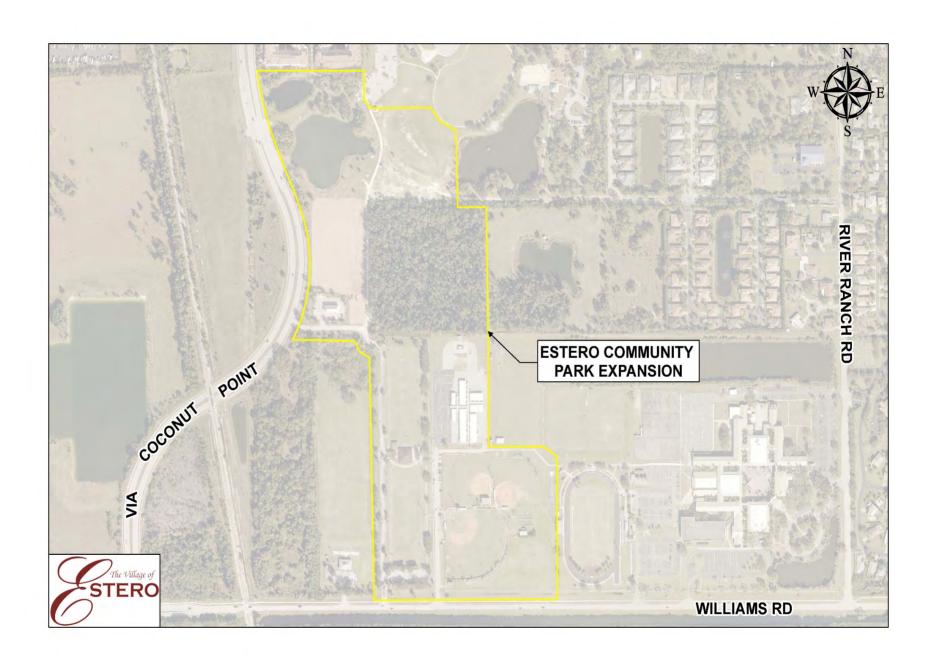
Landscaping

Water management facilities

Project Justification:

The Village of Estero's Park, Recreation, Open Space Master Plan identified areas where additional park facilities are needed to meet resident expectations and needs. Some of these could be met through a Village of Estero, Lee County and School District of Lee County partnership on the Estero Community Park/Estero High School Property.

5-5 02/24/20



CIP Project Summary Estero on the River Improvements

CIP Category: Parks & Recreation

Design: \$ 378,000.00 Construction: \$ 4,140,000.00 Total: \$ 4,518,000.00

Project Description:

Construct park, recreation, open space improvements on the Estero on the River Property. The extend of improvements will be determined as part of the Estero on the River Master Planning process. This budget item is meant as a place holder until the master plan is completed.

Project Justification:

The Estero Parks, Rec., Open Space Master Plan identified preservation and passive recreation as important to Estero residents. This project will help provide some of those facilities.

5-7 02/24/20

CIP Project Summary Koreshan State Park Boat Ramp Improvements

CIP Category: Parks & Recreation

 Design:
 \$
 103,200.00

 Construction:
 \$
 420,000.00

 Total:
 \$
 523,200.00

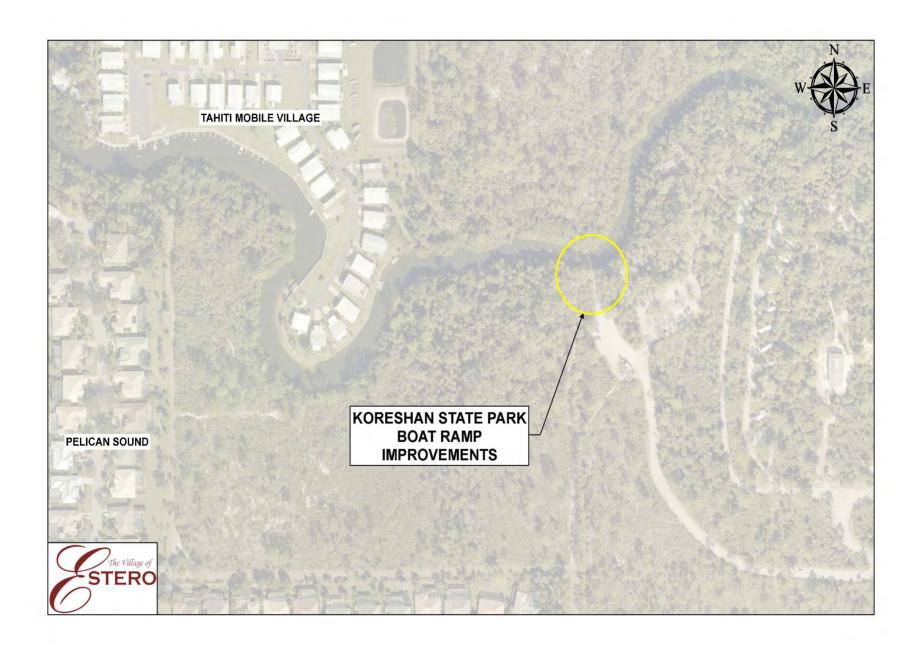
Project Description:

Improve Koreshan boat ramp to better fill the needs to Estero residents

Project Justification:

Water access was identified in the Parks, Recreation, Open Space Master as a Village need. Improving the Koreshan boat ramp would allow it to be better meet the needs of Estero residents.

5-9 02/24/20



CIP Project Summary Villages at Country Creek Bypass

CIP Category: Stormwater

 Design:
 \$
 192,000.00

 Construction:
 \$
 501,600.00

 Total:
 \$
 693,600.00

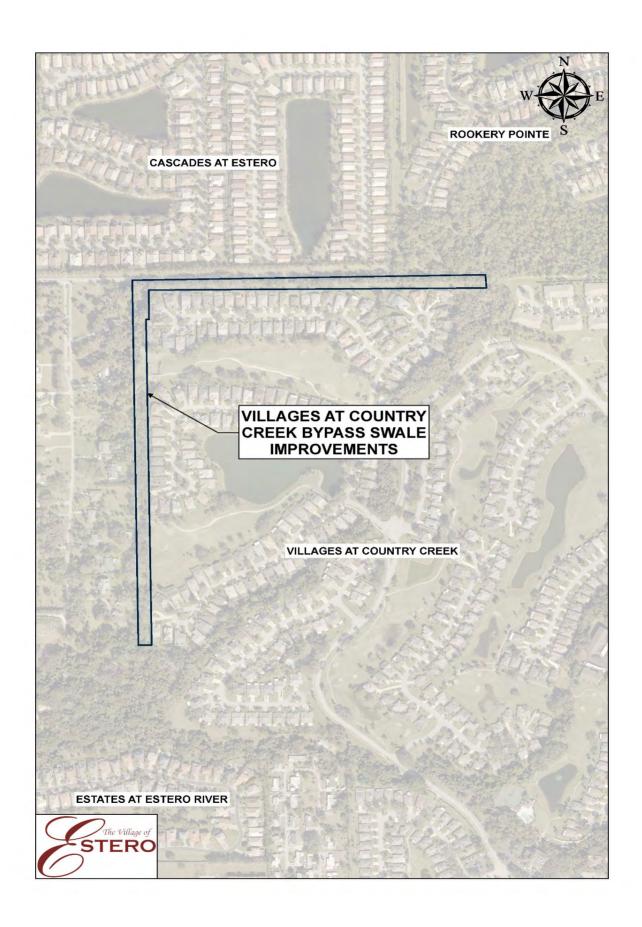
Project Description:

Modify the swale around Villages at County Creek to increase the amount of water that flows around the community and bypasses the relative narrow section of the Estero River that runs through the community.

Project Justification:

The Village's Stormwater Master Plan identified a constriction of flow within the North Branch of the Estero River through Village at Country Creek. Increasing the flow around the community should reduce flooding within the community and upstream of the community. It will also provide increased capacity to allow other upstream improvements to be implemented.

6-1 02/24/20



CIP Project Summary Dry Creek Bed Sediment Removal

CIP Category: Stormwater

Design: \$ 150,000.00
Construction: \$ 282,000.00
Total: \$ 432,000.00

Project Description:

Remove sediment from a dry river bed that historically connected the North and South Branches of the Estero River to reduce water levels within the North Branch.

Project Justification:

The North and South Branches of the Estero River were historically connected just west of Village of Country Creek. The river bed silted in and water no longer flows south through this areas. The Villages Stormwater Master Plans recommends reestablish this connection.

6-3 02/24/20

CIP Project Summary US-41 Drainage Improvements Design (Williams - Corkscrew)

CIP Category: Stormwater

Design: \$ 72,000.00

Construction: \$ -

Total: \$ 72,000.00

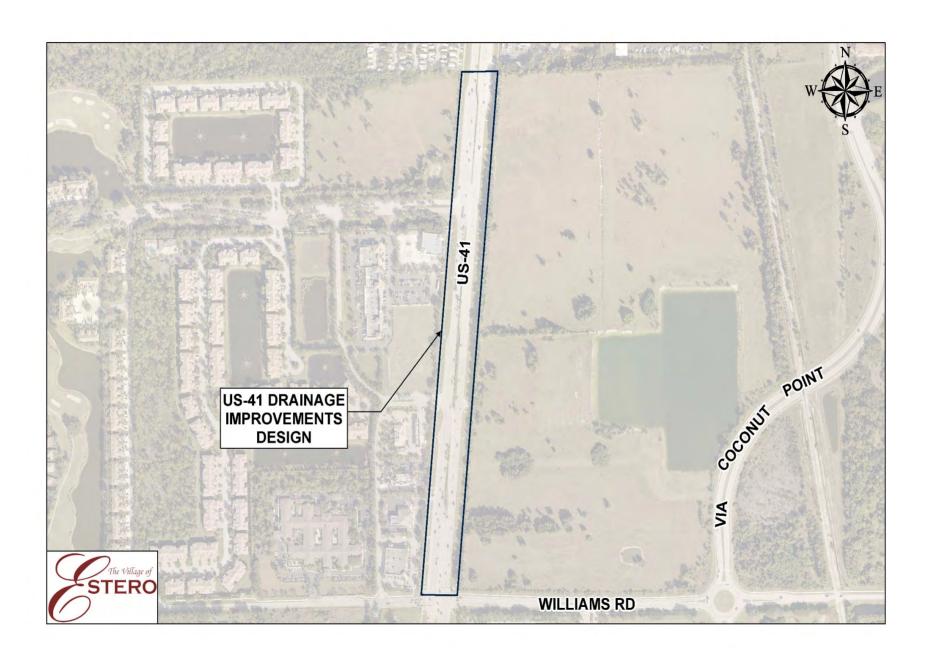
Project Description:

Design improvements to US-41 drainage to eliminate sidewalk flooding between Williams Road and Corkscrew Road.

Project Justification:

The sidewalk on the east side of US-41 is often flooded during the wet season. As recommended in the Village's Stormwater Master Plan, drainage improvements are required to reduce or eliminate this flooding so the sidewalks can be used during the summer.

6-5 02/24/20



CIP Project Summary Trailside Drainage Improvements

CIP Category: Stormwater

Design: \$ 114,000.00 Construction: \$ 1,073,900.00 Total: \$ 1,187,900.00

Project Description:

Improve drainage within the Trailside community by regrading swales and ditches and replacing drainage culverts.

Project Justification:

To improve flood protection in the Trailside Community, the Village's Stormwater Master plans recommends improving the roadside drainage to Broadway West.

6-7 02/24/20

CIP Project Summary Villagio/Estero Pkwy Drainage Improvements

CIP Category: Stormwater

Design: \$ 216,000.00 Construction: \$ 1,411,200.00 Total: \$ 1,627,200.00

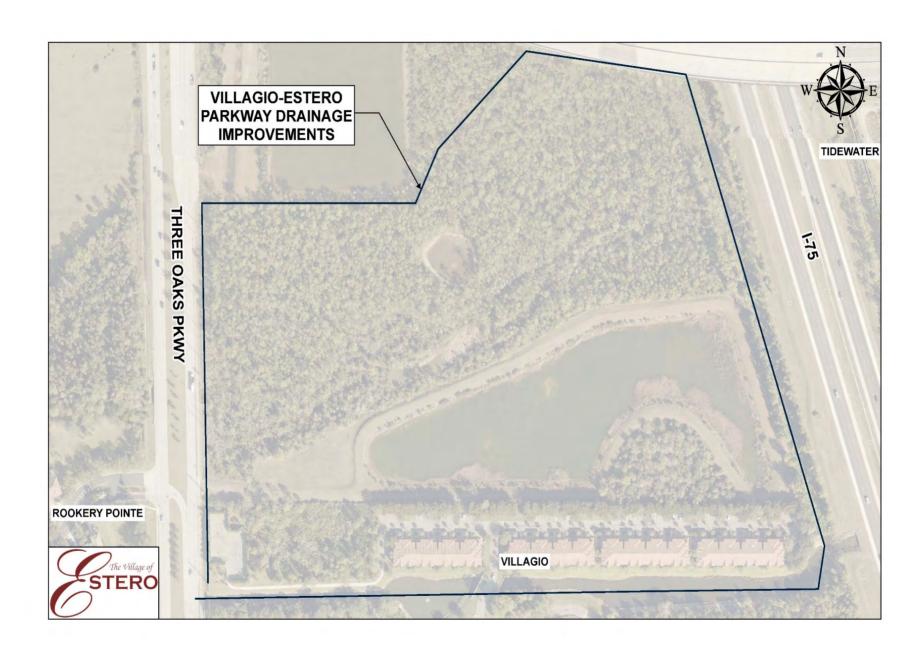
Project Description:

Improve drainage around Villagio south of Estero Parkway to better distribute flows to the two sets of box culverts under Three Oaks Parkway.

Project Justification:

Observations after Hurricane Irma and the Stormwater Master Plan indicate water is not evenly distributed between the two sets of culverts under Three Oaks Parkway. The majority of the flow is directed to the southern culverts due to the better conveyance through the Villagio ditch. Better distributing flow should improve drainage and reduce flooding.

6-9 02/24/20



CIP Project Summary Estero River Sediment Removal (RR - Sandy Ln)

CIP Category: Stormwater

 Design:
 \$
 162,000.00

 Construction:
 \$
 362,900.00

 Total:
 \$
 524,900.00

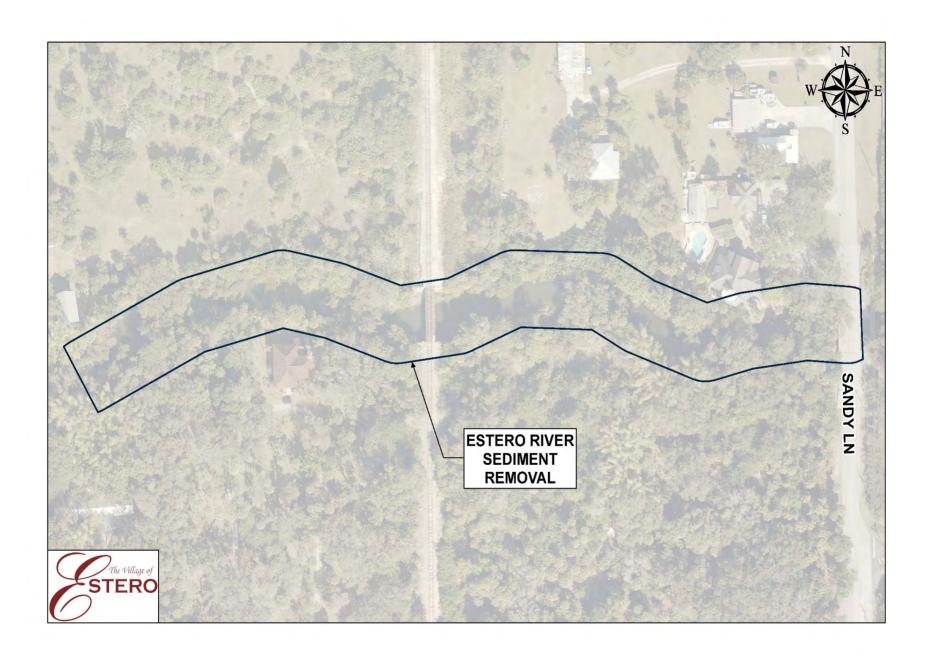
Project Description:

Remove sediment that has built up in the Estero River between the railroad and Sandy Lane.

Project Justification:

Sediment within the Estero River can limit flow through the River and create flooding. The Village's Stormwater Master Plan recommends removing some sediment build up in the river.

6-11 02/24/20



CIP Project Summary Public Works Storage Facility

CIP Category: Building Facilities

 Design:
 \$
 54,000.00

 Construction:
 \$
 300,000.00

 Total:
 \$
 354,000.00

Project Description:

Construct a public works storage facility.

Project Justification:

Public works materials and equipment are current stored in a private storage facility and an contractor's yards. A Village owned public works storage facility will eliminate the ongoing payments for a private storage faculty and allow the Village to store all material and equipment at one location for easier access.

7-1 02/24/20

7-2 02/24/20

CIP Project Summary Village Hall

CIP Category: Building Facilities

Design: \$ 714,000.00 Construction: \$ 4,200,000.00 Total: \$ 4,914,000.00

Project Description:

Construct a Villege of Estero Village Hall.

Project Justification:

The current Village Hall is current leased. Construction of a Village Hall would provide a perminant location.

7-3 02/24/20

CIP Project Summary Estero Community Park

CIP Category: Land Acquisition

Land Purchase: \$ 6,000,000.00

Construction: \$

Total: \$ 6,000,000.00

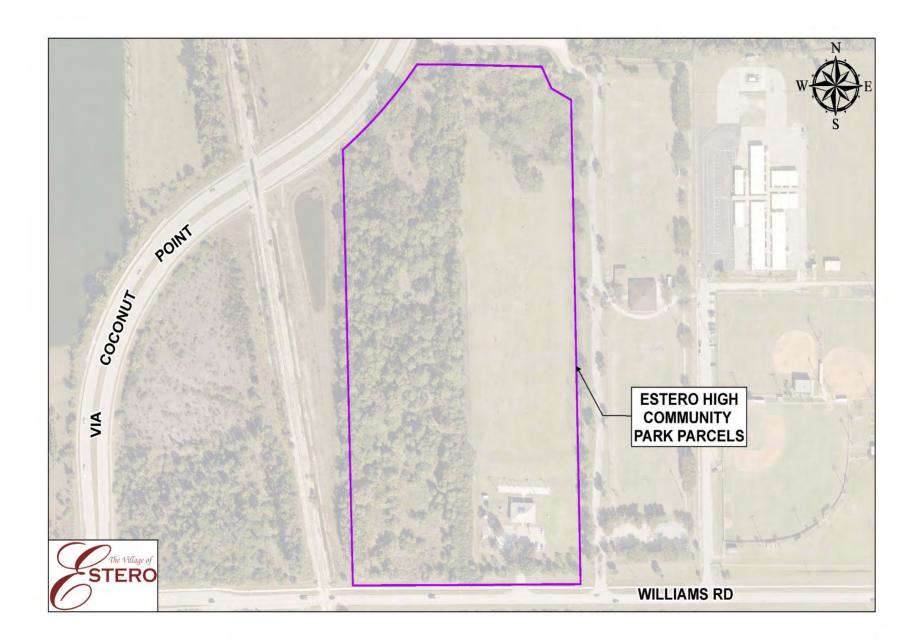
Project Description:

Purchase land adjacent to the existing Community Park and School District of Lee County properties to create a park/academic village complex. Properties could include the driving range along Williams Road and the Church Parcel located between the driving range and railroad.

Project Justification:

The Parks, Recreation & Open space plan has identified a need for additional park, recreation and open space within Estero. The expansion of the community park will provide for many of the Village's active park and recreation needs.

8-1 02/27/20



CIP Project Summary River Oaks Preserve

CIP Category: Land Acquisition

Land Purchase: \$ 900,000.00

Construction: \$ -

Total: \$ 900,000.00

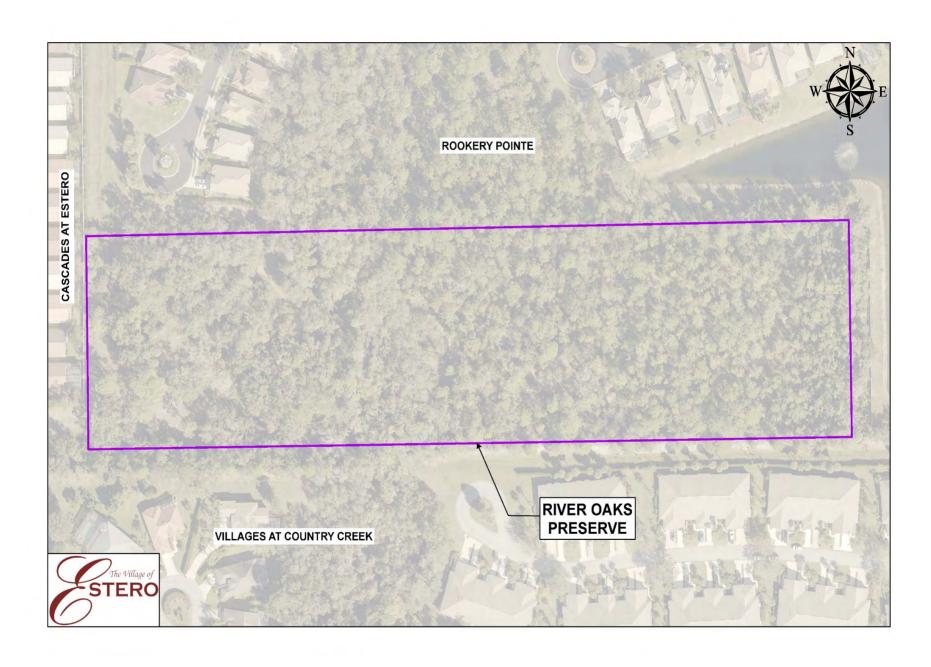
Project Description:

Purchase land at the east end of Broadway E called River Oaks Preserve for preserve/passive recreation purposes.

Project Justification:

River Oaks preserve is located along the Estero River and is one of the only undeveloped privately held properties along the river. Purchasing the land would ensure it remains undeveloped.

8-3 02/27/20



CIP Project Summary Railroad Right of Way

CIP Category: Land Acquisition

Land Purchase: \$ 30,000,000.00

Construction: \$ -

Total: \$ 30,000,000.00

Project Description:

Purchase railroad right of way through Estero

Project Justification:

The Village's Bicycle and Pedestrian Master Plan recommends utilizing the Seminole Gulf Railway properyt for a regional path. The existing railroad grade would provide for a great off roadway path through Estero that could connect to Bonita Springs and Lee County to create a regional path system.

8-5 02/27/20

