

Village of Estero Bicycle and Pedestrian Master Plan

March 18, 2020





- Share the Plan's Vision and Goals
- Describe how needs and projects were identified
- Present the Recommendations
- Q & A



Vision and Goals



Vision

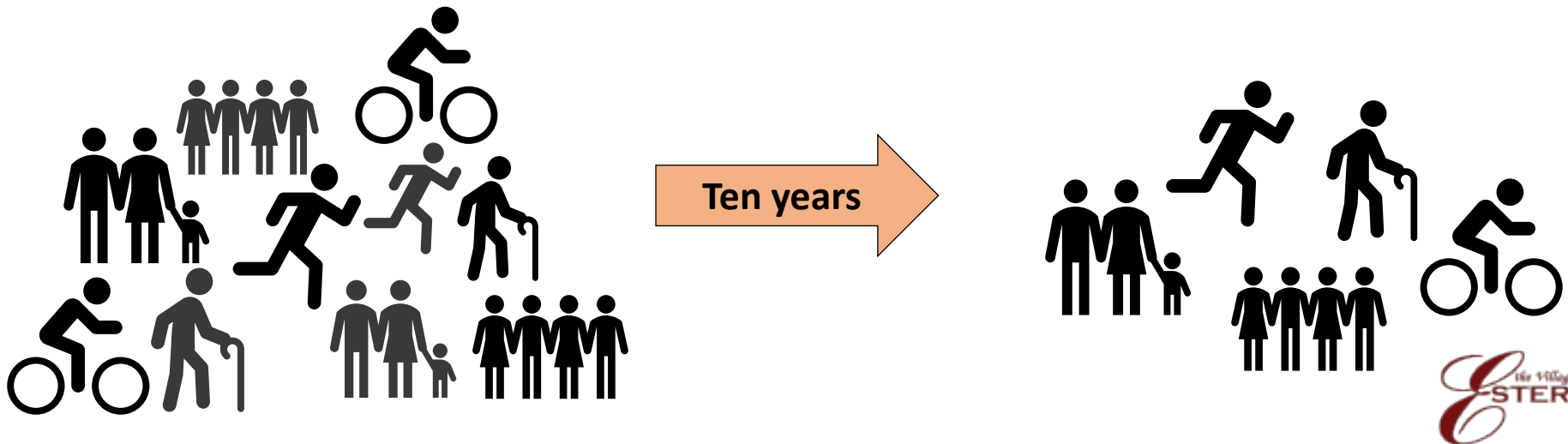


Walking or riding a bike in the Village of Estero should be a comfortable, convenient, and safe transportation choice for people of all ages and abilities.

GOAL #1: Safety



Increase the safety for all users of the transportation network – people walking, biking, accessing transit, and driving vehicles. **Reduce the number of crashes involving people walking and biking by half within ten years.**



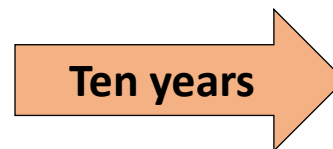
GOAL #2: Infrastructure



Increase the active transportation infrastructure.
Double the number of miles of safe walking and biking facilities in the Village of Estero within ten years.

40
miles of sidewalks

34
miles of bike lanes



80
miles of sidewalks*

68
miles of bike lanes*

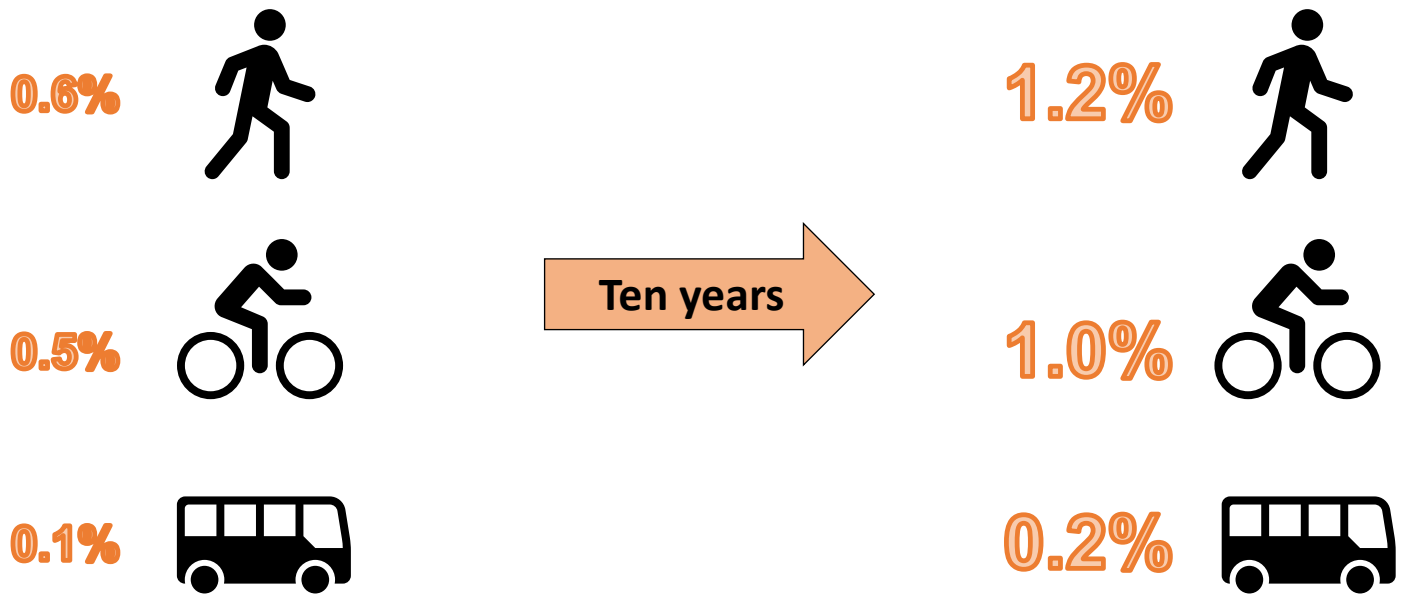
*or shared use paths



GOAL #3: Commuting rates



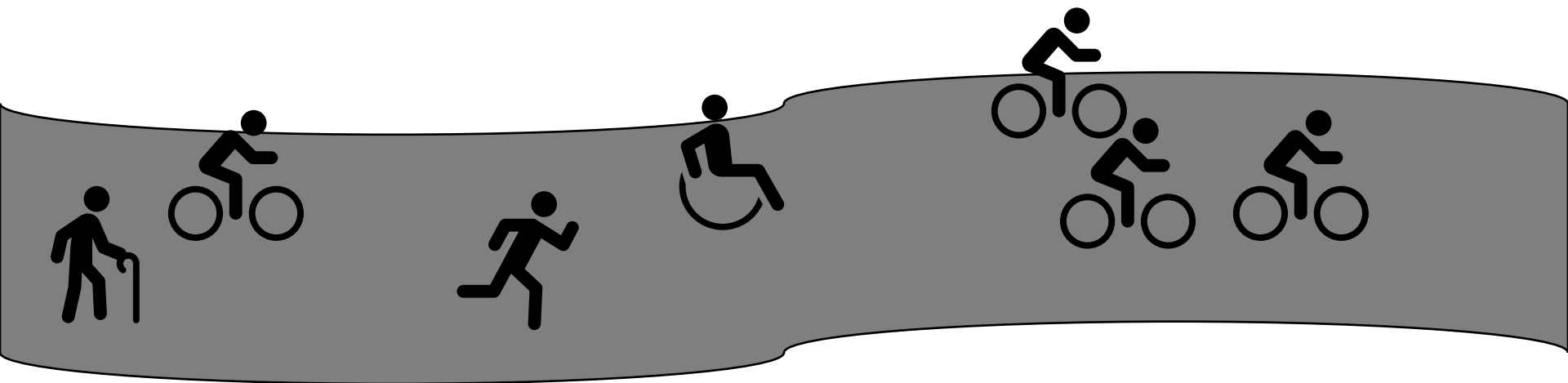
Increase the active transportation options for commuters. **Double the share of commuters who choose to walk, bike, and use transit by 100 percent within ten years.**



GOAL #4: SUN Trail



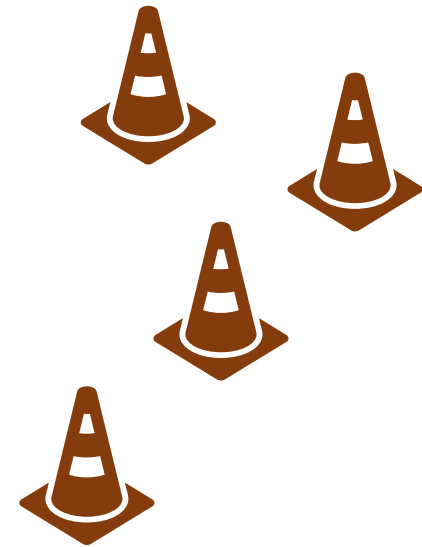
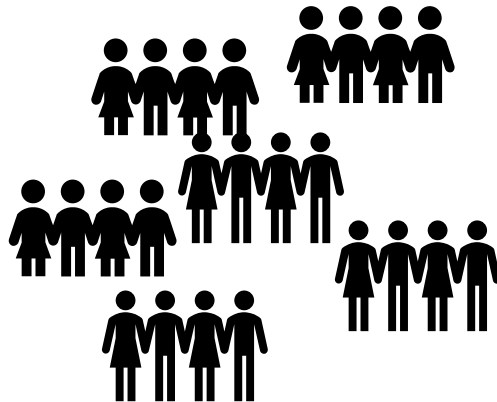
Complete the Florida SUN Trail link within the Village of Estero by 2030.



GOAL #5: Education



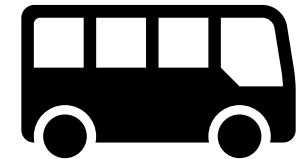
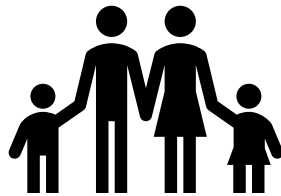
Create at least one new educational campaign geared towards improving safety in the Village of Estero within five years of adopting this plan.



GOAL #6: Encouragement



Create at least one new encouragement program to increase the number of people using the active transportation network in the Village of Estero within five years of adopting this plan.



Needs Assessment, Prioritization, and Draft Recommendations



Project Recommendations



1. Broadway West, from Estero Bay Preserve State Park to Sandy Lane (2.00 miles)

- Shared Use Path on south side of road
- Complete the sidewalk connections on the north side of the road

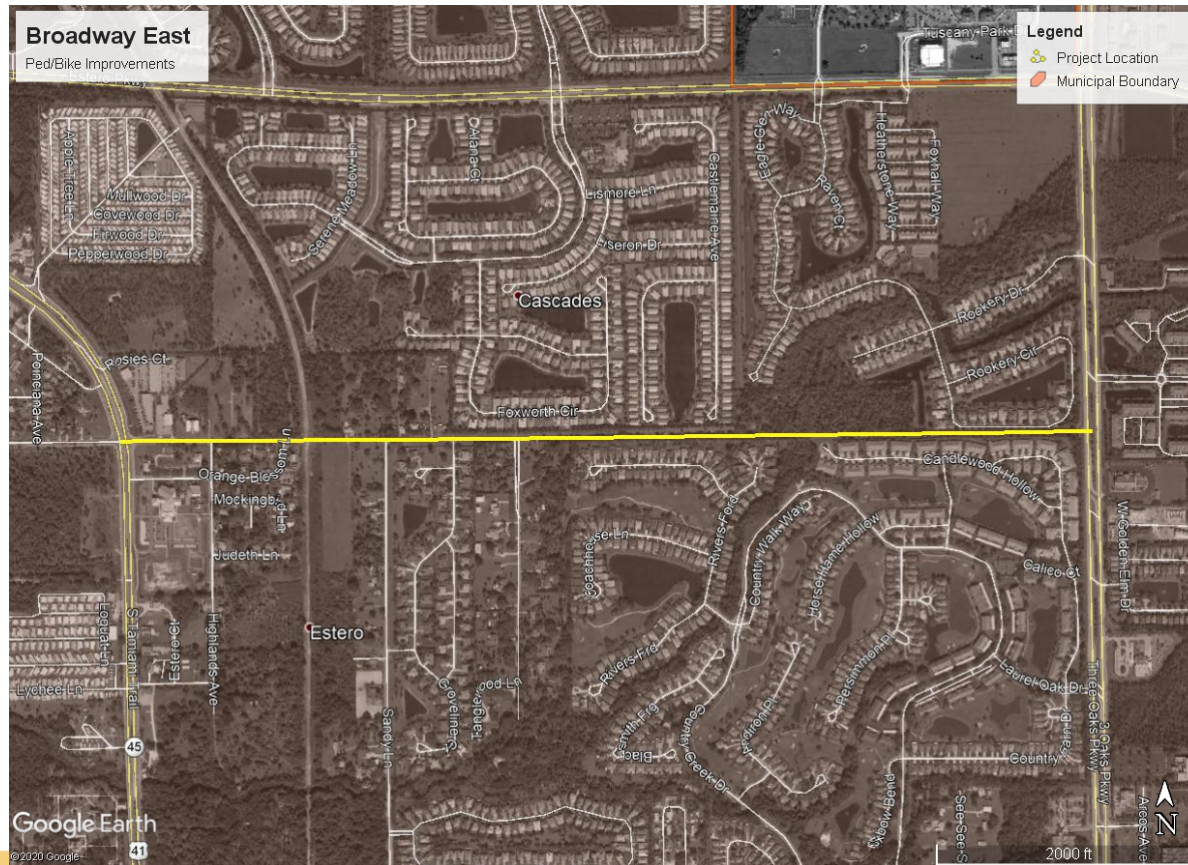


Project Recommendations



2. Broadway East, from Sandy Lane to US 41 (1.00 miles)

- Shared Use Path on south side of road (Portion included in 2-yr CIP)
- Complete the sidewalk connections on the north side of road (Portion in 2-yr CIP)
- Shared Use Path extension to Three Oaks Parkway
- Shared Use Path extension north from Broadway East to Estero Parkway



Project Recommendations



3. Corkscrew Road, from Koreshan State Park to US 41 (0.25 miles)

- Shared Use Path on north side of road
- Complete the sidewalk connections on the south side of road (6 or 8 feet wide)



Project Recommendations



4. Corkscrew Road, from US 41 to NE Village Limits (9.50 miles)

- Buffered bike lanes on both sides of road
- Shared Use Path on both sides of road (Portion in 2-yr CIP)

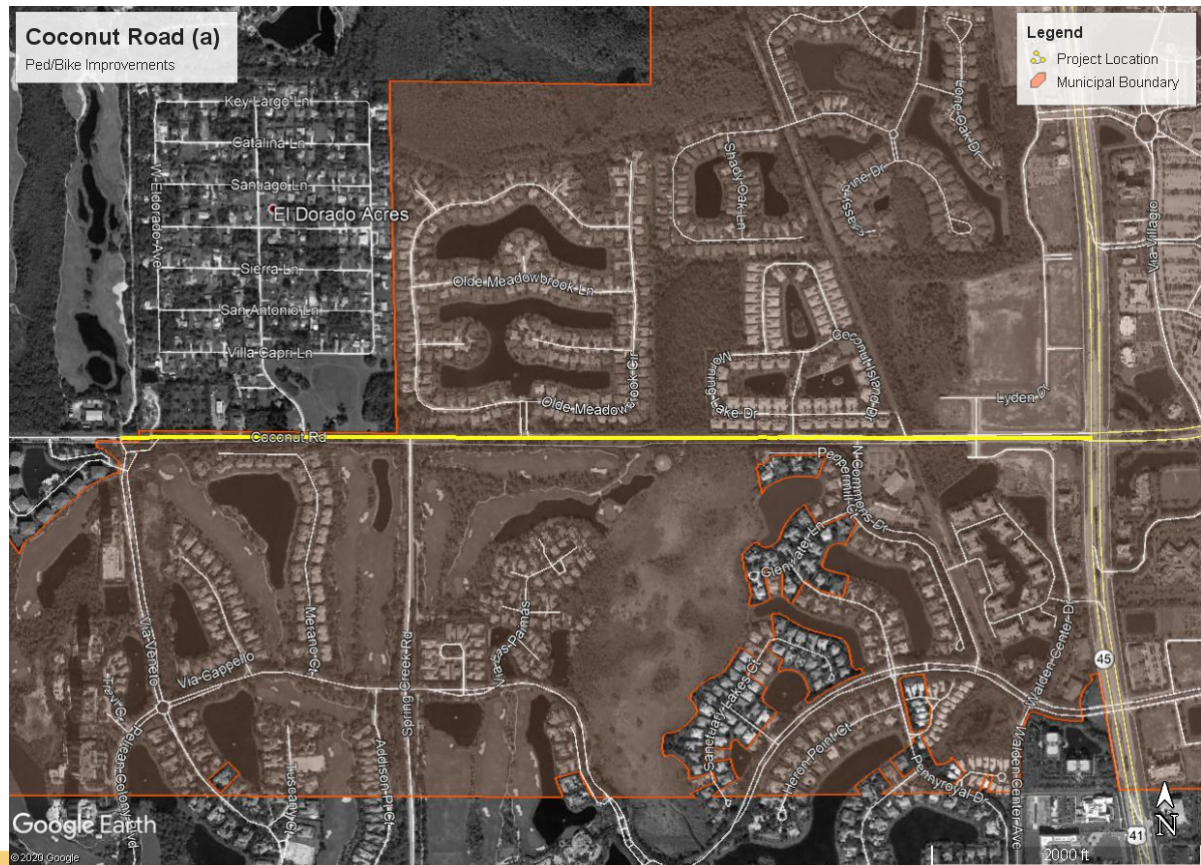


Project Recommendations



5. Coconut Road, from Three Oaks Parkway to US 41 (1.75 miles)

- Shared Use Path on south side of road
- Reduce travel lanes by two feet total
- Install buffered bike lanes on both sides of road
- Complete the sidewalk connections on the north side of road

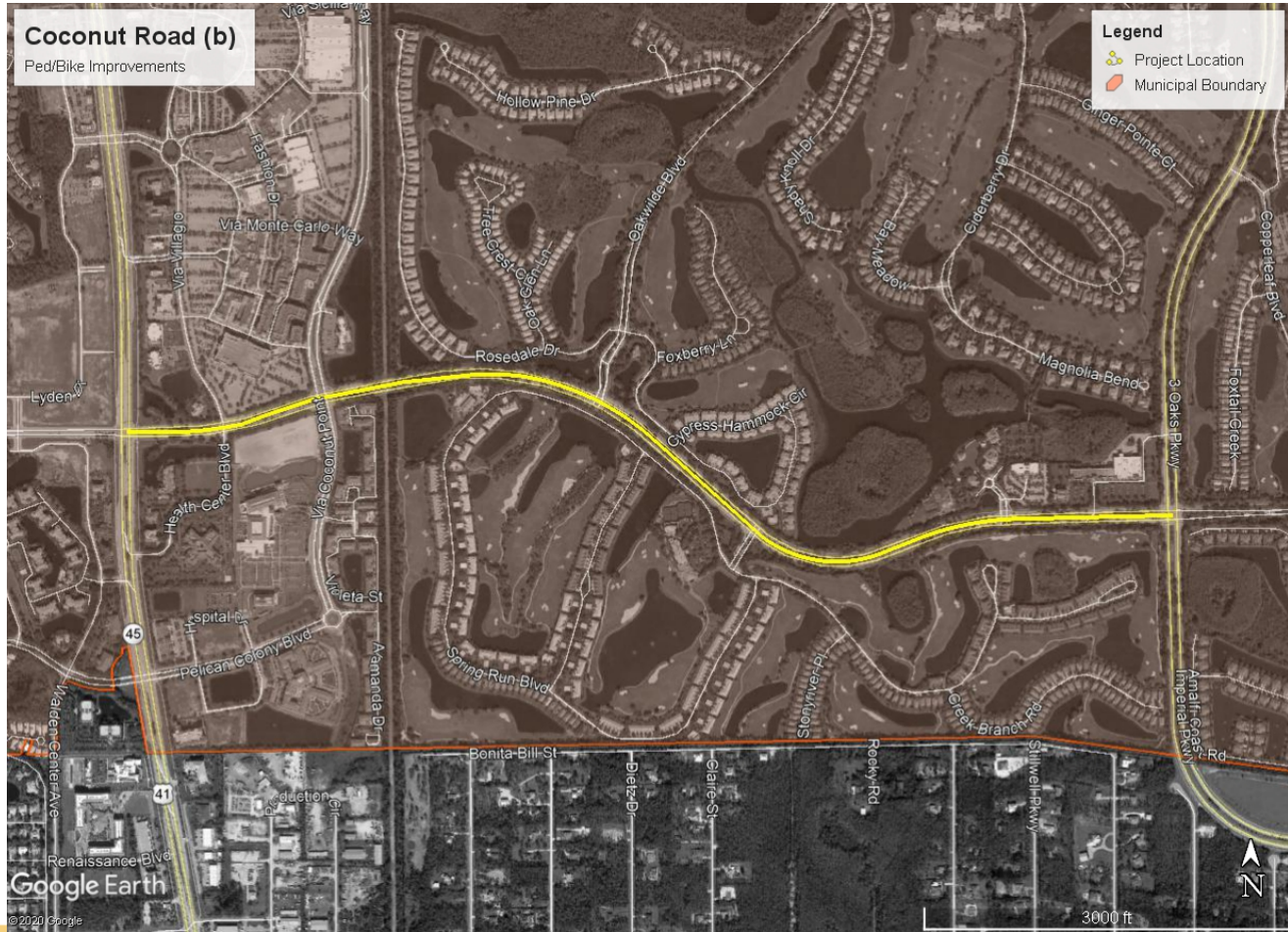


Project Recommendations



6. Coconut Road, from US 41 to Tuscany Way (1.25 miles)

- Complete sidewalk connections
- Shared Use Path on one side of road



Project Recommendations



7. River Ranch Road, from Williams Road to Corkscrew Road (0.75 miles)

- Shared Use Path on west side of road (Included in 2-year CIP)
- Complete the sidewalk connections on the east side of the road (Included in 2-yr CIP)



Project Recommendations



8. Estero Community Park, access Via Coconut Point and Corkscrew Road (0.70 miles)

- Shared Use Path on one side of entrance
- Complete the sidewalk connections on the other side of the entrance
- Create connection to existing path to Williams Road (Included in 2-year CIP)



Project Recommendations



9. Williams Road, from Kings Road to Three Oaks Parkway (2.25 miles)

- Protected bike lanes on both sides of the road (Portion Included in 2-year CIP)
- Complete the sidewalk connections on both sides of the road (Portion Included in 2-year CIP)

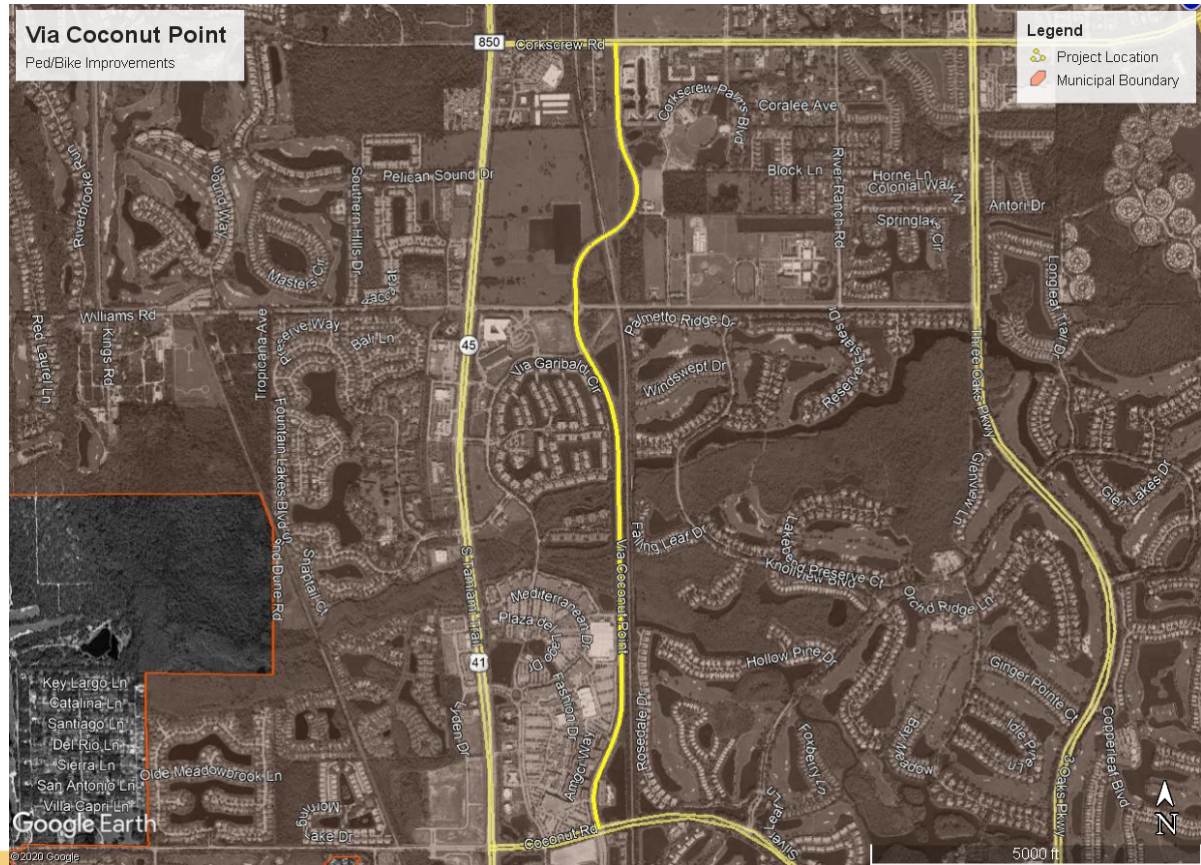


Project Recommendations



10. Via Coconut Point, from Coconut Road to Corkscrew Road (4.75 miles)

- Reduce travel lanes by one foot each
- Install two-foot buffered bike lanes on both sides of road
- Improve connections through roundabout
- Add landscaping (Design included in 2-year CIP)

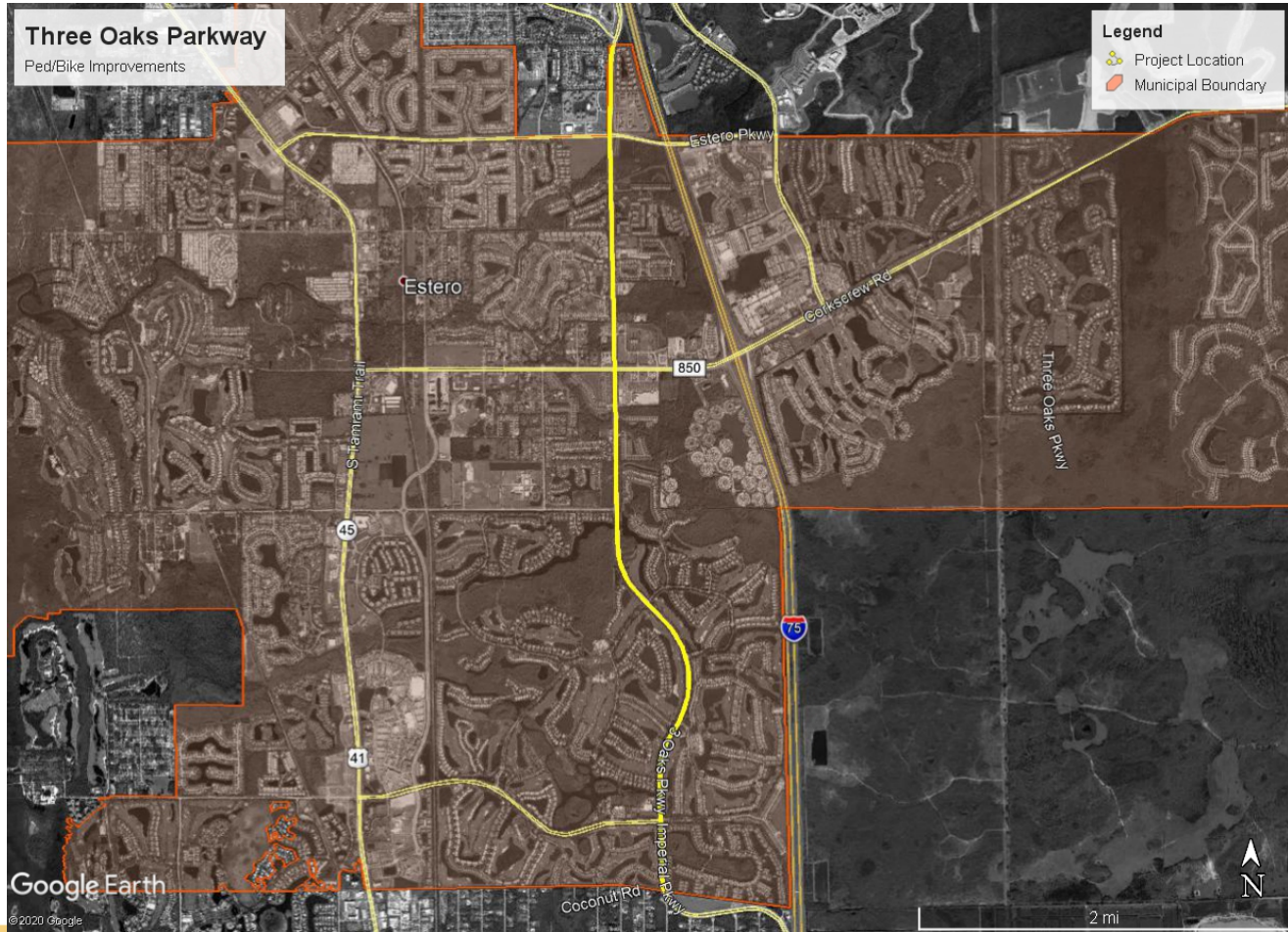


Project Recommendations



11. Three Oaks Parkway, from South Village Limits to North Village Limits (9.25 miles)

- Reduce travel lanes by one foot each
- Install buffered bike lanes on both sides of road

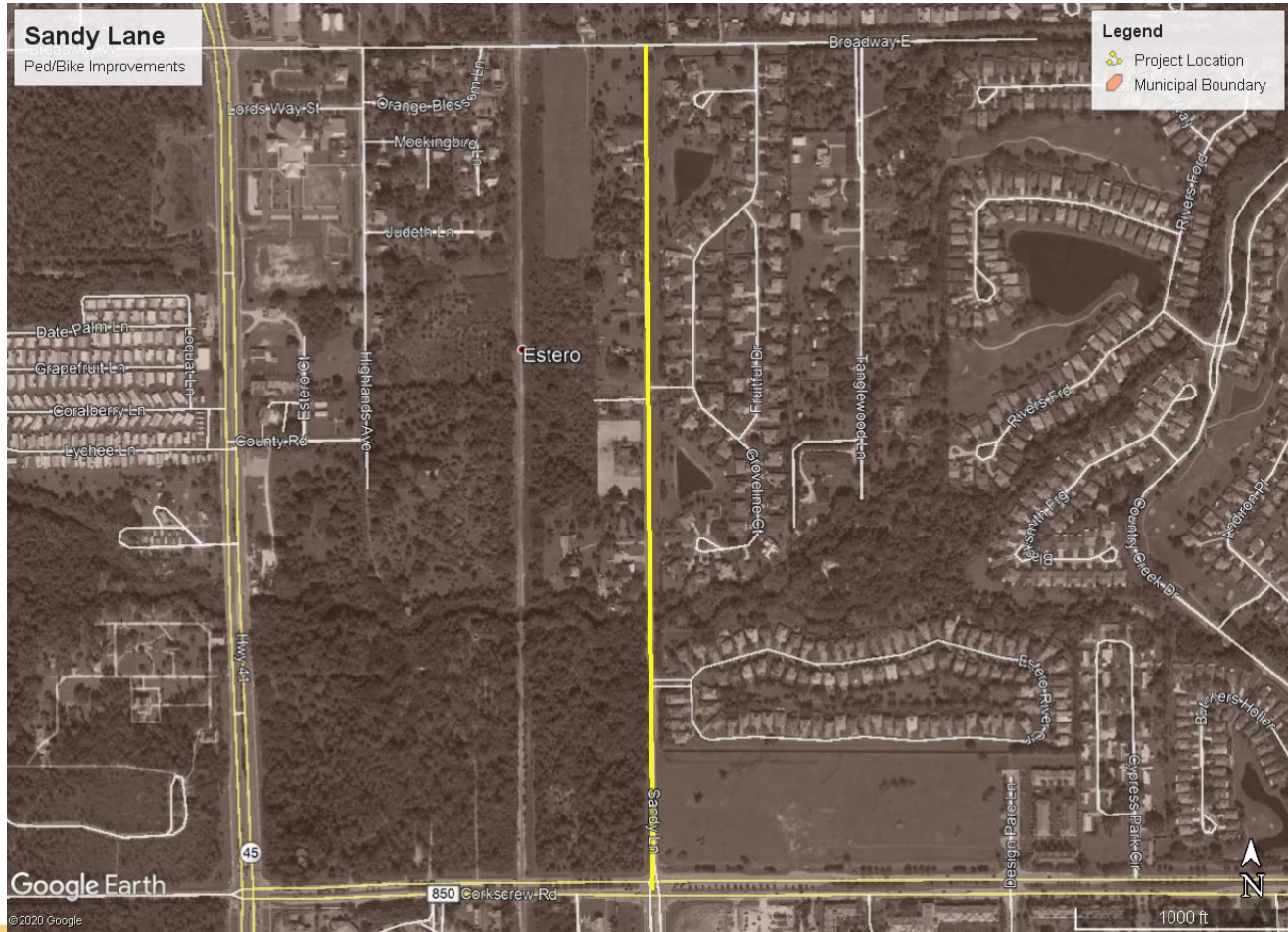


Project Recommendations



12. Sandy Lane, from Corkscrew Road to Broadway East (0.75 miles)

- Shared Use Path on east side of road (Included in 2-year CIP)

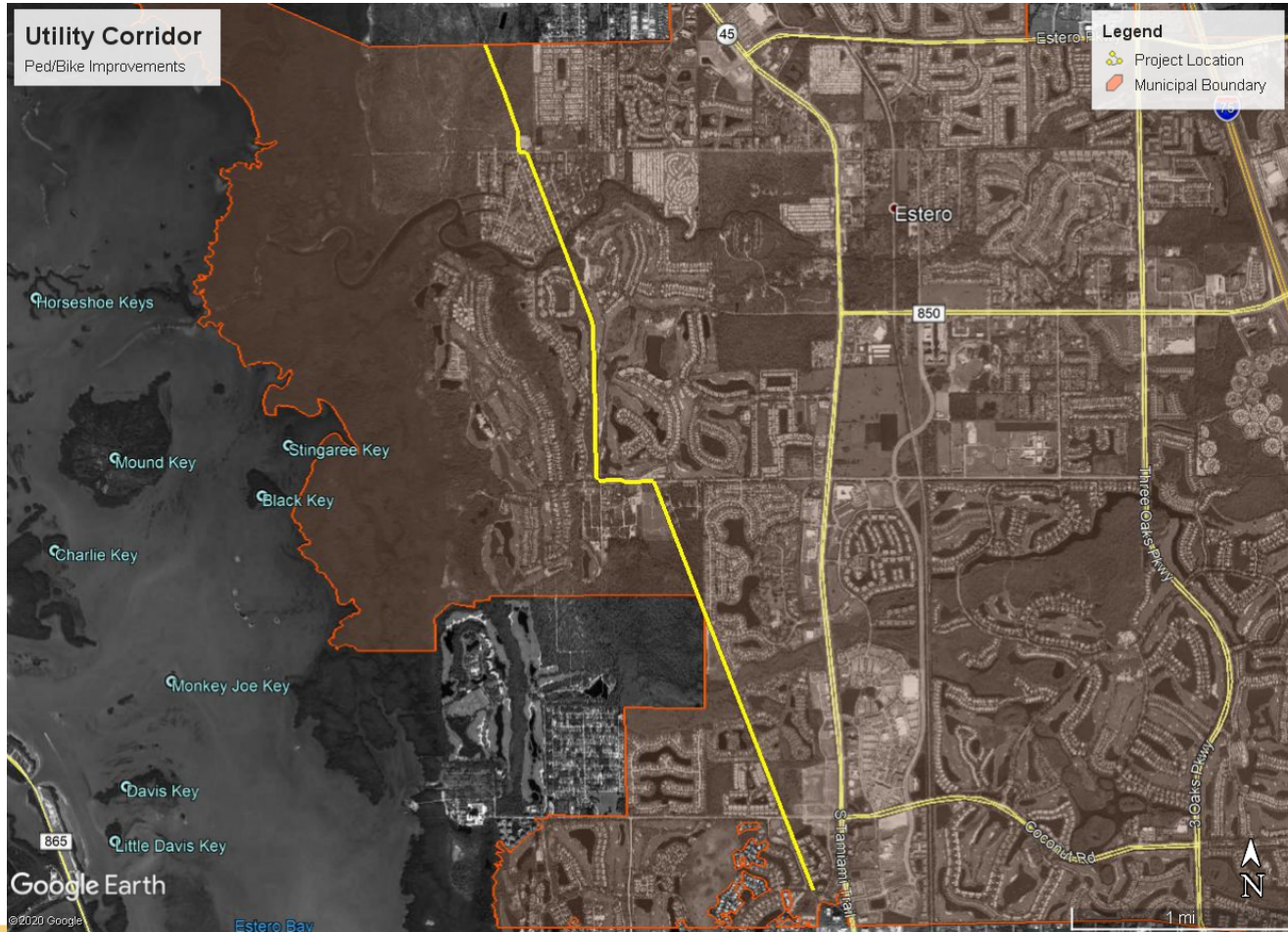


Project Recommendations



13. Utility Corridor, from South Village Limits to North Village Limits (4.50 miles)

- Shared Use Path

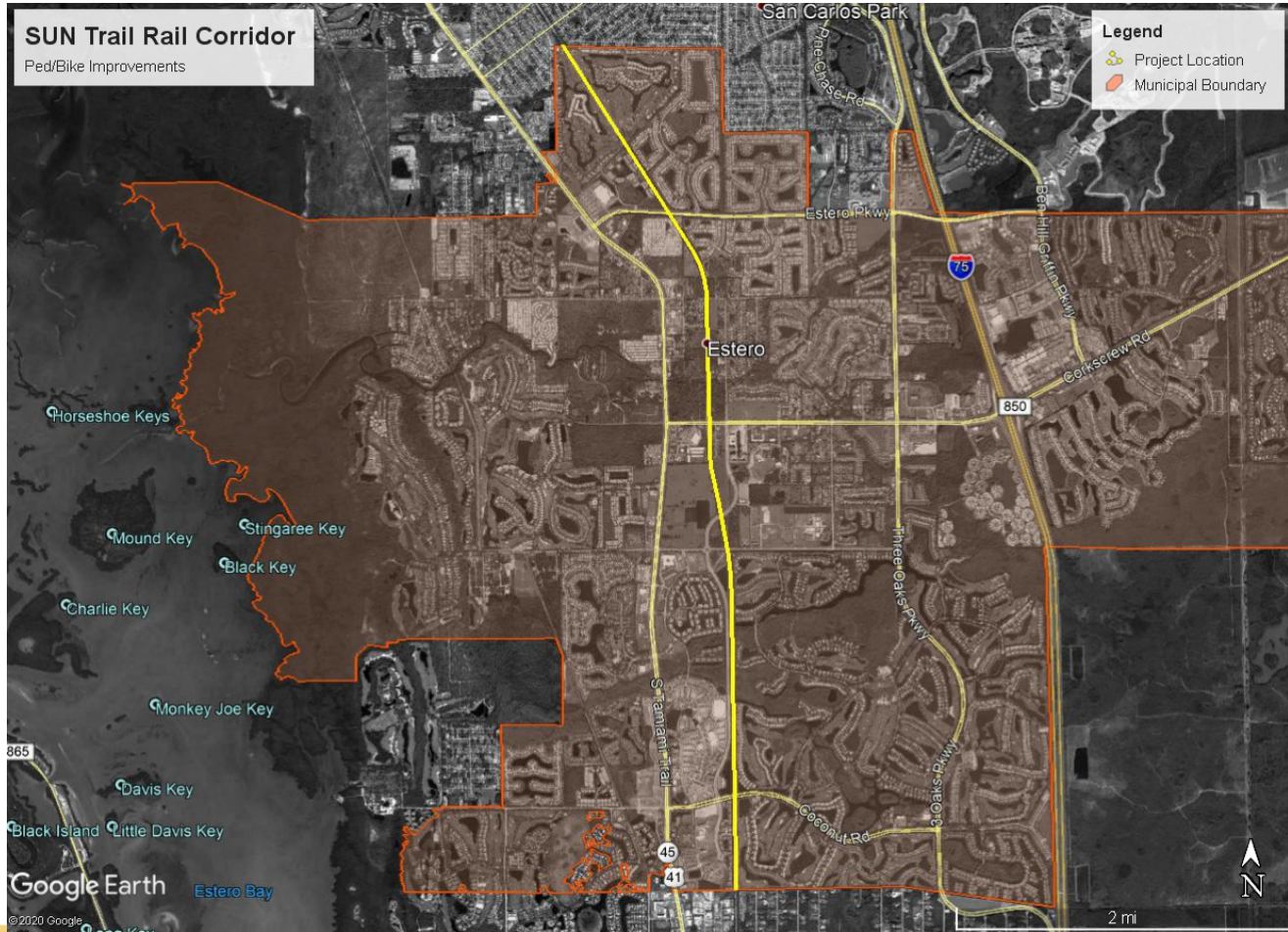


Project Recommendations



14. SUN Trail Rail Corridor, from South Village Limits to North Village Limits (5.25 miles)

- Shared Use Path



Project Recommendations



15. Florida Power and Light Utility Line (east of I-75), from South Village Limits to North Village Limits (2.00 miles)

- Shared Use Path



Project Recommendations



16. Estero Parkway Extension, from Ben Hill Griffin Parkway to Florida Power and Light Utility Line (1.25 miles)

- Shared Use Path

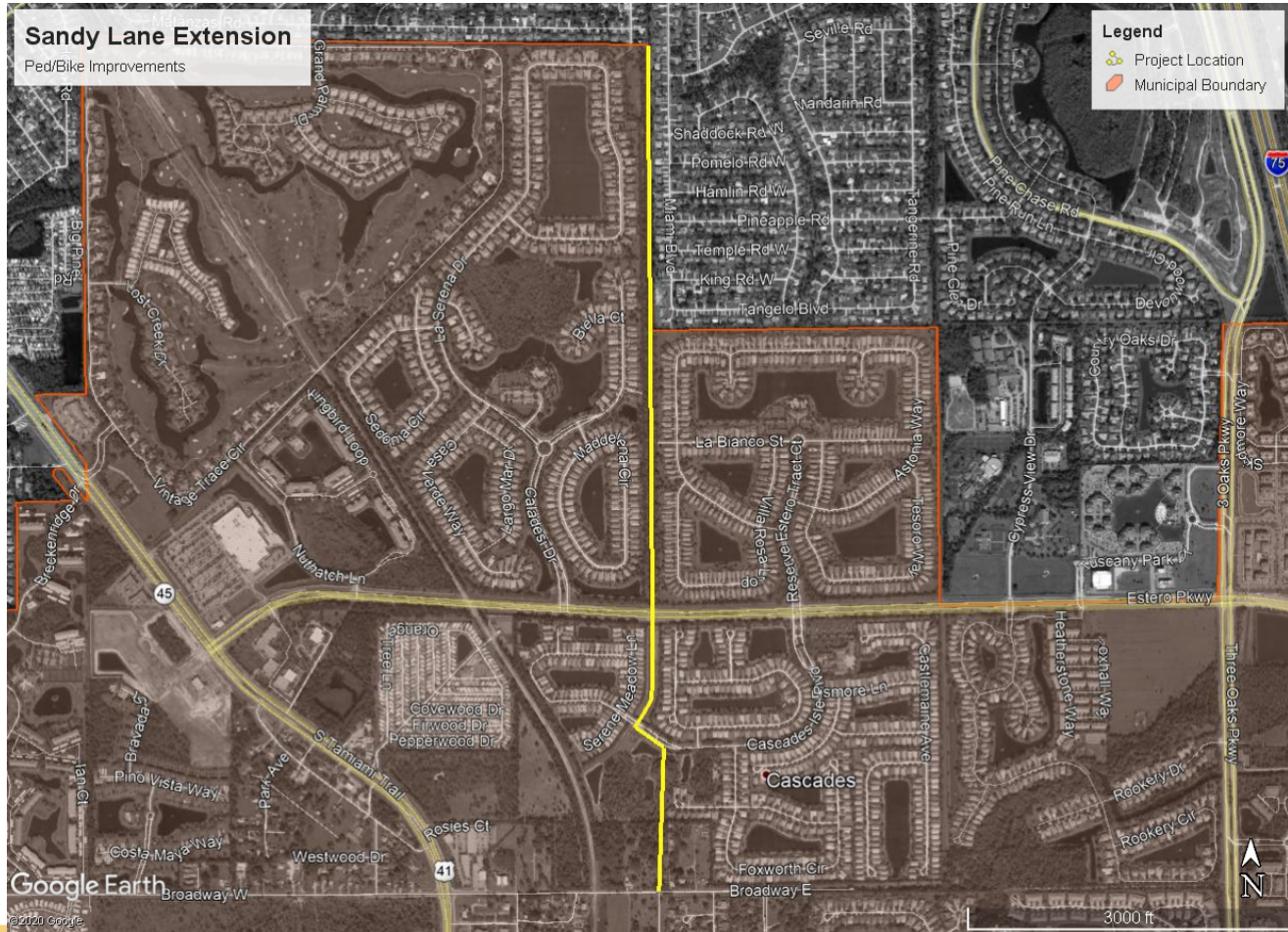


Project Recommendations



17. Sandy Lane North Extension, from Broadway East to North Village Limits (1.50 miles)

- Shared Use Path



Intersection Recommendations



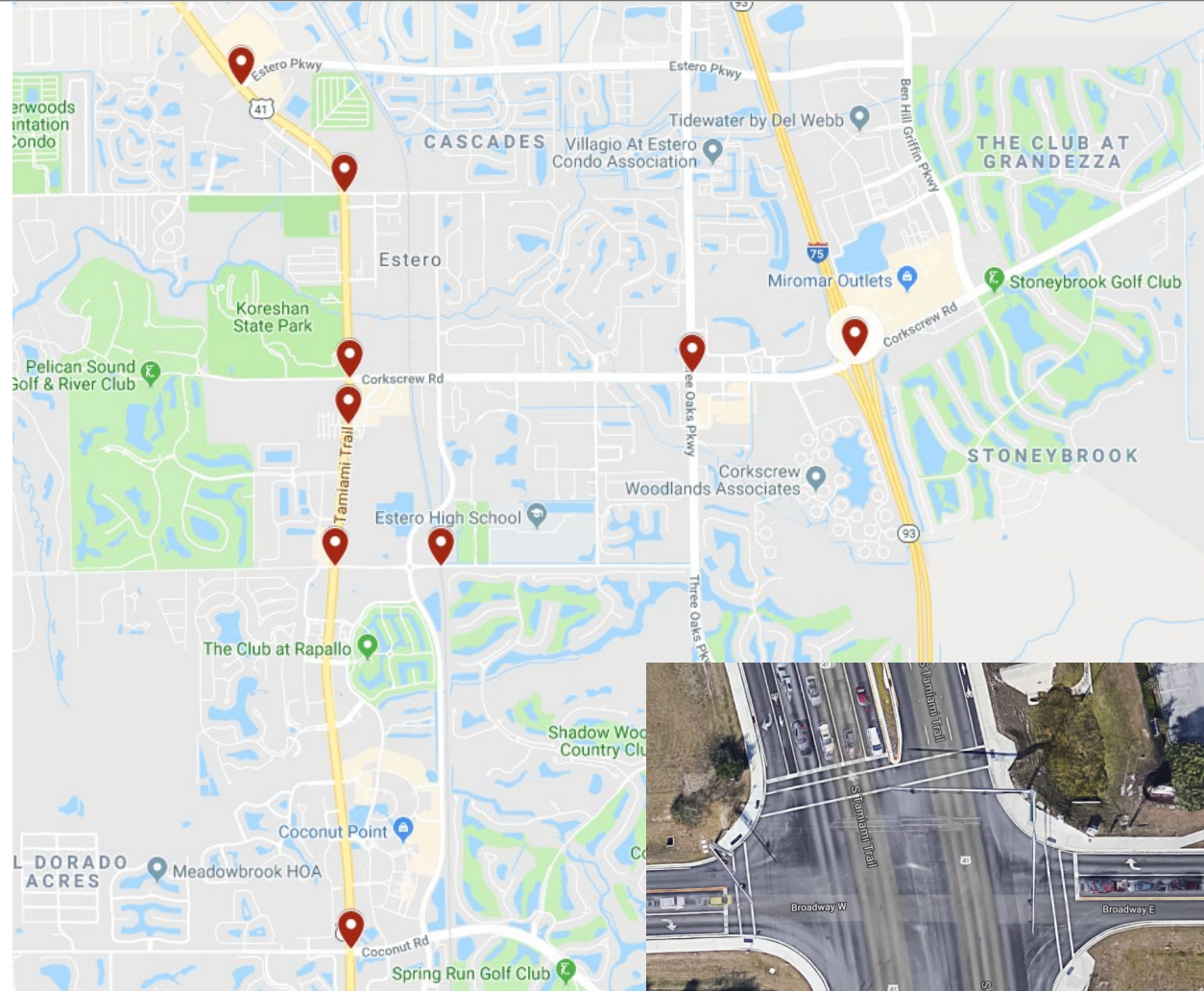
US 41 and ...

- Estero Parkway
- Broadway
- Corkscrew Road
- Commons Way
- Williams Road
- Coconut Road

I-75 and Corkscrew Road interchange

Williams Road and Grade Crossing

Three Oaks Parkway and Corkscrew Road



Recommendations: Costs

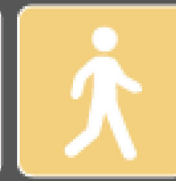


Project Recommendation	Estimated Miles	Estimated Project Cost
6' Buffered Bikeway	17.50	\$ 20,943,299
7' Buffered Bikeway	9.00	\$ 10,202,697
Multipurpose Trail	9.25	\$ 5,390,995
Protected Bikeway	4.50	\$ 12,663,706
Shared Use Path	23.25	\$ 11,205,000
Sidewalk	10.00	\$ 3,140,642
Total	73.50	\$ 63,546,339

More than 70 miles of new biking and walking infrastructure is recommended. The costs are planning level and preliminary.

All recommendations could be funded with about \$3 million annual investment over 20 years.

	Total Cost	Cost Per Year
Walkway Projects	\$ 14,345,000	\$ 717,250
Bikeway Projects	\$ 49,200,000	\$ 2,460,000
Total	\$ 63,545,000	\$ 3,177,250



Thank You

