



## Agenda BPAC

Bicycle Pedestrian Advisory Committee  
GMD Planning & Regulations Building  
Conference Room 609/610  
2800 N. Horseshoe Drive  
Naples, FL 34104

**NOTE: THIS IS AN IN-PERSON MEETING**

**August 16, 2022, 9:00 AM**

1. **Call to Order**
2. **Roll Call**
3. **Approval of the Agenda**
4. **Approval of the May 17, 2022 Meeting Minutes**
5. **Open to Public for Comments Items Not on the Agenda**
6. **Agency Updates**
  - A. FDOT
  - B. MPO
7. **Committee Action**

None
8. **Reports & Presentations\***
  - A. MPO Report and Discussion Items
  - B. Lee MPO Rail-Trail Feasibility Study Update
  - C. City of Naples Pedestrian and Bicycle Master Plan 2022 Update
  - D. Gulf Coast Trail Update
9. **Member Comments**
10. **Distribution Items**
11. **Next Meeting Date**

September 20, 2022
12. **Adjournment**

*\*May Require Committee Action*

### ***PLEASE NOTE:***

The meetings of the advisory committees of the Collier Metropolitan Planning Organization (MPO) are open to the public and citizen input is encouraged. Any person wishing to speak on any scheduled item may do so upon recognition of the Chairperson. Any person desiring to have an item placed on the agenda should contact the MPO Director at least 14 days prior to the meeting date. Any person who decides to appeal a decision of the advisory committee will need a record of the proceedings pertaining thereto, and therefore may need to ensure that a verbatim record of the proceeding is made, which record includes the testimony and evidence upon which the appeal is to be based. In accordance with the Americans with Disabilities Act, any person requiring special accommodations to participate in this meeting should contact the Collier Metropolitan Planning Organization 72 hours prior to the meeting by calling (239) 252-5850. 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 that within the MPO's planning process they have been discriminated against because of race, color, religion, sex, age, national origin, disability, or familial status may file a complaint with the Collier MPO Title VI Specialist Mr. Scott Philips (239) 252-5850 or by email at: [scott.philips@colliercountyfl.gov](mailto:scott.philips@colliercountyfl.gov), or in writing to the Collier MPO, attention: Mr. Philips, 2885 South Horseshoe Dr., Naples, FL 34104.

**BICYCLE & PEDESTRIAN ADVISORY COMMITTEE of the  
COLLIER METROPOLITAN PLANNING ORGANIZATION  
609/610 Conference Room, Growth Management Division  
2800 N Horseshoe Dr**

**May 17, 2022 - 9:00 A.M.  
Meeting Minutes**

**1. Call to Order**

Mr. Matonti called the meeting to order at 9:03 am.

**2. Roll Call**

Mr. Philips called roll and confirmed a quorum

**Members Present**

Anthony Matonti, Chair  
Alan Musico  
Andrea Halman  
Kim Jacob  
Patty Huff  
Dayna Fendrick  
George Dondanville

**Members Absent**

Mark Komanecky  
Claudia Keeler  
Joe Bonness

**MPO Staff Present**

Scott Philips, Principal Planner  
Anne McLaughlin, Executive Director

**Others Present**

Steven Andrews, FDOT  
Matt Dockins, RK&K / FDOT  
Lorraine Lantz, Collier County Transportation Planning  
Michael Tisch, Collier County Transportation Engineering  
Michelle Avola-Brown, NPC [arrived late]  
Megan Greer, Blue Zones [arrived late]

**3. Approval of the Agenda**

*Ms. Fendrick moved to approve the agenda. Second by Ms. Huff. Carried unanimously.*

4. **Approval of the April 19, 2022 Meeting Minutes**

*Ms. Halman moved to approve the April 19, 2022 minutes. Ms. Fendrick seconded. Carried unanimously.*

5. **Open to the Public for Comment on Items Not on the Agenda**

None.

6. **Agency Updates**

A. **FDOT:** [Update provided by Ms. McLaughlin.] Deborah Chesna announced she is leaving FDOT.

B. **MPO:** MPO Board approved updated SUN Trail alignment.

**Ms. Huff:** Who is responsible for construction at 92/41? Took out trees and removed part of bike path. **Ms. McLaughlin:** Not aware of project, will look into it and report back.

7. **Committee Action**

None.

8. **Reports & Presentations (May Require Committee Action)**

8.A. **Immokalee TIGER Grant Complete Streets Project – Collier County**

**Mr. Tisch:** project adds 20 miles of new sidewalk, a shared-use path, bike boulevard, street lighting, bus shelters, new CAT Transfer Station, landscaping, and stormwater drainage improvements; project cost \$22.9 million

**Ms. Fendrick:** What are the characteristics of a bike boulevard? **Mr. Tisch:** Signage and bike sharrows. **Ms. Halman:** Why not doing anything on New Market? How will new Loop Rd affect it? **Mr. Tisch:** Sidewalks were just installed on both sides of New Market. **Ms. Halman:** It's still dangerous; all the schools are located on one side; lots of trucks use New Market; can hardly cross it. **Ms. Lantz:** PD&E for new Loop Rd. just finished; no construction start date. **Mr. Tisch:** anticipates Phase 1 construction to start in November; largest grant County ever received. **Ms. Fendrick:** Does it build off Walkability Study? **Ms. Lantz:** Yes. Grant includes 80% of Tier 1 sidewalks. **Mr. Tisch:** Public meeting at CRA office on May 25<sup>th</sup> from 5:00 pm to 7:00 pm.

8.B. **Old 41 PD&E Study – FDOT**

**Mr. Andrews:** Introduced Matt Dockins, RK&K, to give presentation in agenda packet.

**Mr. Dockins:** Design cost \$3M, construction cost estimate \$85M; improves safety, adds bike/ped facilities, address congestion, and serve County industrial park; 2 alignment alternatives: 1) New quadrant road southeast corner Bonita Beach Rd intersection (former racetrack property)

alleviates congestion at Bonita Beach Rd and Old 41 intersection, provides cut through to I-75; 2) cut off connection to US 41 south of Veterans Memorial Blvd and remove existing signal on US 41; add signals at Veterans Memorial Blvd and Railhead Drive (industrial park); provide U-turn bulb-outs to allow trucks to make left turn/turn around; working with MPO to find funding for design, ROW, and construction; held two public workshops in April, one in-person, one virtual, received 300 comments; FAQs to be added to project website.

**Ms. Huff:** Will new traffic signals add to congestion; does project continue north of Bonita Beach Rd? **Mr. Dockins:** Signals can be timed to platoon through corridor; will lessen congestion at either end of project. No plans to go further north. **Ms. Fendrick:** Why is a sidewalk not included in Lee County section? **Mr. Dockins:** City of Bonita Springs request – not a lot of destinations on east side. When racetrack property development occurs, a sidewalk will be required. **Ms. Fendrick:** The sidewalk just ends? **Mr. Dockins:** Extends to entry to Spanish Wells. Shared-Use Path will T into railroad crossing, coordinating with railroad. **Mr. Matonti:** ROW costs mostly attributable to new quadrant road? **Mr. Dockins:** ROW will be donated by new development; ROW costs attributable to stormwater ponds, intersections, railroad crossing. [in response to further questions]; new quadrant road is consistent with Bonita Beach Rd Vision Plan; the four historic sites are the roadway, the railroad track, the racetrack, and the donut shop.

## **9. Member Comments**

**Ms. Huff:** Reported the USBR 15 study team gave a status update to the Everglades City Council; cyclist riding on 29 forced off road by pickup truck and required surgery. A police report will be filed with the Collier County Sheriff.

**Mr. Dondanville:** Good news. 311 County system works. Immediate hookup with right department.

## **10. Distribution Items**

None.

## **11. Next Meeting Date**

*August 16, 2022 – 9:00 a.m. In-Person Only Meeting*

## **12. Adjournment**

*The Chair adjourned the meeting at 10:22 a.m.*



**EXECUTIVE SUMMARY**  
**REPORTS AND PRESENTATIONS**  
**ITEM 8A**

**MPO Report and Discussion Items**

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**OBJECTIVE:** For MPO staff to report on the status of several topics of interest to the committee, followed by discussion and recommendations as needed.

**CONSIDERATIONS:**

1. Joint BPAC Meeting – The Collier and Lee MPOs traditionally host an annual joint BPAC meeting. Due to logistical difficulties, Lee MPO has proposed instead that the respective committee Chairs attend each other's meeting and give an update on planning activities of mutual interest. Staff is seeking the committee's input on potential reporting topics.
2. 2022 Bicycle & Pedestrian Priorities – The MPO Board discussed two priority projects at length before voting on them - the Bike/Ped Trail Crossing at Golden Gate Parkway, Freedom Park, and the Gordon River Greenway, and the three Naples Park Sidewalk projects. In the end, the Board voted to support the three Naples Park Sidewalk projects but eliminated the Bike-Ped Trail Crossing (ranked #11) as shown in **Attachment 1**. Staff will report on the discussion that preceded the vote and options the committee may wish to recommend staff pursue.
3. Outlook for SU Funding – Staff will report on multiple factors that may impact the availability of SU funds for programming new bike/ped project priorities in FY28 and beyond.

**STAFF RECOMMENDATION:** That the committee have the opportunity to discuss these topics, ask questions, and make recommendations as needed.

Prepared By: Scott Philips, Principal Planner

**ATTACHMENT(S):**

1. Strike-Through and Clean Versions – 2022 Bike-Ped Priorities Adopted June 10, 2022

STRIKE THROUGH VERSION 2022 BICYCLE & PEDESTRIAN PROJECT PRIORITIES ADOPTED 6-10-22				
Rank	Project Name	Submitting Agency	LAP	Funding Request
1	Immokalee Sidewalks	Collier County	County	\$ 1,079,000
2	Bayshore CRA Sidewalks	Collier County	County	\$ 239,824
3	Naples Manor Sidewalks	Collier County	County	\$ 1,100,000
4	Golden Gate City Sidewalks	Collier County	County	\$ 309,100
5	Everglades City Phase 4 Bike/Ped Improvements	Everglades City	FDOT	\$ 563,380
6	Marco Island - Bald Eagle Dr Bike Lanes	Marco Island	Marco Is.	\$ 802,475
7	Naples Park Sidewalks - 106 Ave North	Collier County	County	\$ 621,000
8	Naples Park Sidewalks - 108 Ave North	Collier County	County	\$ 627,000
9	Naples Park Sidewalks - 109 Ave North	Collier County	County	\$ 622,000
10	Vanderbilt Beach Rd Pathway	Collier County	County	\$ 703,000
11	<del>B/P Trail Crossing Golden Gate Pkwy @ Freedom Park &amp; Gordon</del>	<del>MPO</del>	<del>FDOT</del>	<del>\$ 750,000</del>
<b>Total</b>				<b>\$ 7,416,779</b>

CLEAN VERSION 2022 BICYCLE & PEDESTRIAN PROJECT PRIORITIES ADOPTED 6-10-22				
Rank	Project Name	Submitting Agency	LAP	Funding Request
1	Immokalee Sidewalks	Collier County	County	\$ 1,079,000
2	Bayshore CRA Sidewalks	Collier County	County	\$ 239,824
3	Naples Manor Sidewalks	Collier County	County	\$ 1,100,000
4	Golden Gate City Sidewalks	Collier County	County	\$ 309,100
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9	Naples Park Sidewalks - 109 Ave North	Collier County	County	\$ 622,000
10	Vanderbilt Beach Rd Pathway	Collier County	County	\$ 703,000
<b>Total</b>				<b>\$ 6,666,779</b>

**EXECUTIVE SUMMARY**  
**REPORTS AND PRESENTATIONS**  
**ITEM 8B**

**Lee MPO Rail-Trail Feasibility Study Update**

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**OBJECTIVE:** For the committee to receive an update on the Lee MPO Rail-Trail Feasibility Study.

**CONSIDERATIONS:** In March 2021, the Lee County MPO partnered with the City of Bonita Springs and the Village of Estero to conduct a feasibility study for the construction of a public multi-use trail within the Seminole Gulf Railway (SGLR) corridor. Study area boundaries are Alico Road (north), Bonita Beach Road (south), I-75 (east), US 41 (west), passing through the City of Bonita Springs and the Village of Estero and ending at the Collier/Lee County line. The study evaluates three potential trail alignments for connectivity, project readiness, service, and user experience; and includes an analysis of right-of-way (ROW) and environmental impacts; and safety, security, and maintenance needs. The study will be used to select a preferred alignment for further analysis. The Rail-Trail feasibility study will be completed in September 2022. (**Attachment 1**).

The Lee Rail-Trail segment will be part of the FDOT Southwest Coast Regional Connector and Gulf Coast Trail initiative to build a continuous multi-use trail from Tampa to Naples, tying into the Legacy Trail network to the north and the Paradise Coast Trail in Collier County (south). The Study is funded by a grant from the Florida Department of Transportation's (FDOT) Shared Use Network (SUN) Trail Program with local match provided by the City of Bonita Springs and the Village of Estero.

**STAFF RECOMMENDATION:** That the committee receive the presentation and have the opportunity to ask questions.

Prepared By: Scott Philips, Principal Planner

**ATTACHMENT(S):**

1. Lee MPO Rail Trail Public Workshop Presentation 6-2-2022



# Lee MPO Rail-Trail Feasibility Study

## Public Workshop | June 2, 2022





# STUDY PURPOSE

## Purpose

- To study the feasibility of a rail-trail within or near the Seminole Gulf Railway (SGL) corridor
- To meet the requirements of the Florida Shared-Use Nonmotorized (SUN) Trail Network Program
- To maintain eligibility for SUN Trail funding
- Recommend a Preferred Alternative(s) using:
  - Technical analysis
  - Public and stakeholder input

## Key Study Terms

- Rail-to-Trail: Rail corridor converted to a multi-use trail
- Alignment: The location and type of project within a corridor
- Alternative: The corridor and alignment under study

# STUDY TEAM

## Consultant Team



## Government Partners



# ABOUT RAIL-TO-TRAILS

## U.S.



### 1965

Elroy-Sparta State Trail opened,  
the first in the U.S.

### 2,270

Number of completed  
rail-to-trail projects in the U.S.

## FLORIDA



### 1988

Tallahassee-St. Marks Historic Railroad  
State Trail opened, the first in Florida

### 65

Number of completed  
rail-to-trail projects in Florida

Source: Rails to Trails Conservancy as of 2021





# LEGACY TRAIL, FLORIDA

## Trail Timeline:

- 1971: Passenger rail service ends
- 1992: Freight rail service ends
- 2004: Sarasota County purchases corridor
- 2008: Trail opens
- 2017: Voters approve funding for extension

## Trail Length:

- ~18.5 miles
  - Fruitville Road (north)
  - Venice Train Depot (south)
- Connects to a wider trail network

## Trail Demand:

- ~479K people used the trail in 2021
- ~305K as of April 2022



Legacy Trail, Florida



# STUDY AREA

## Boundaries:

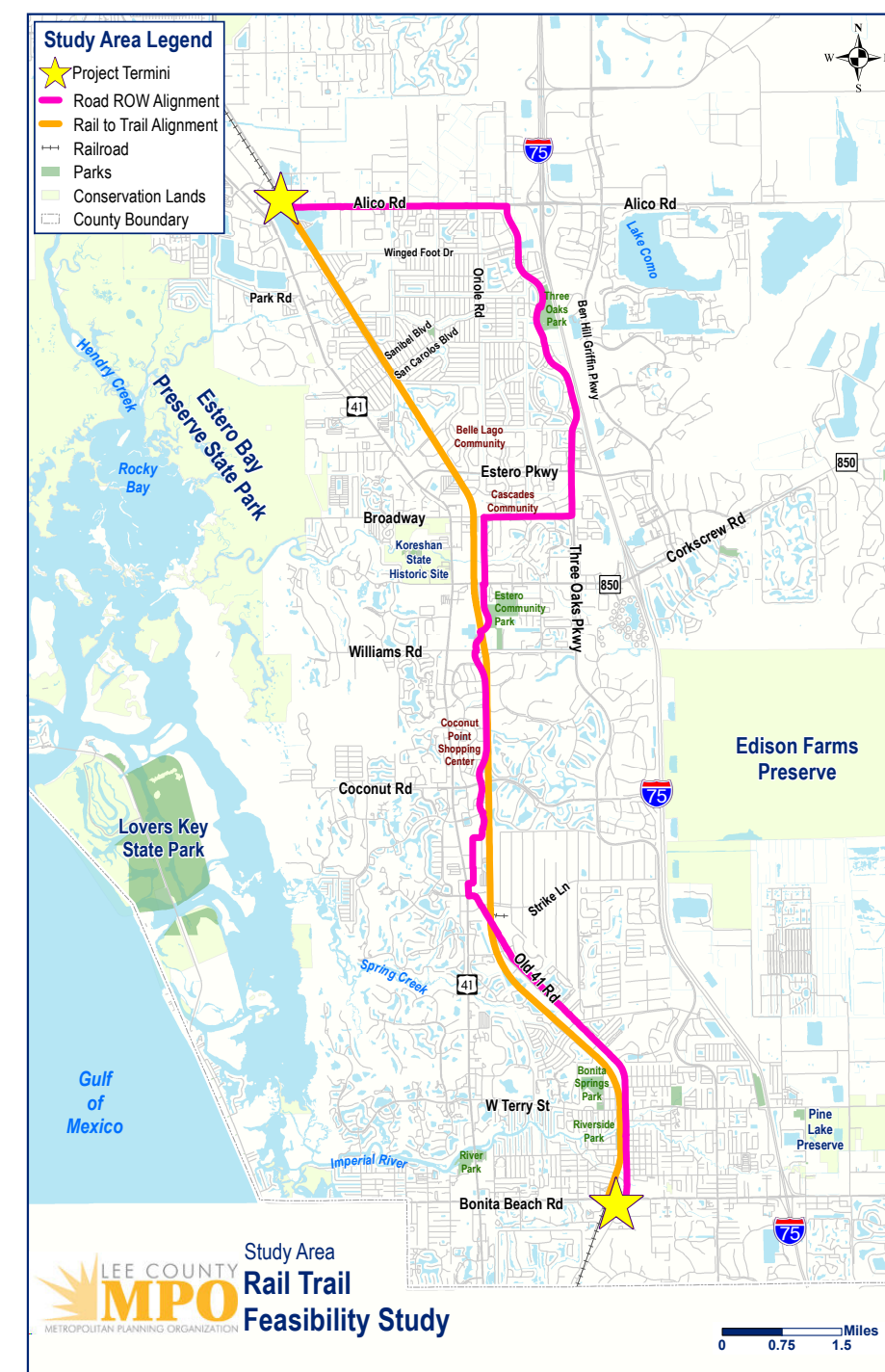
- Alico Road (north) and Bonita Beach Road (south)
- I-75 (east) and US 41 (west)

## Collier County Segment:






































- Extends 1.5-miles into Collier County
- Not evaluated for this study

## Future Study:

- Explore connection to:
  - Paradise Coast Trail
    - ✓ Via Old US 41: Widening includes shared-use path on west side of the road and bike lanes
  - SUN Trail Network
    - ✓ Via Rail Corridor and Veterans Memorial Boulevard Extension
    - ✓ Via Imperial Boulevard/Livingston
    - ✓ Via Old 41 as part of 4-lane widening



# STUDY SCHEDULE

18 - Month Schedule	2021										2022											
<div><div><div><div></div><div>= Public Meeting</div></div><div><div></div><div>= Report Docs</div></div></div><div><div><div></div><div>= Milestone Event</div></div><div><div></div><div>= Progress Item</div></div></div></div>	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
Notice to Proceed (March 19, 2022) - Study Completion																						
Task Management (Monthly Progress Meeting with PM; Kickoff Meeting and Management Plan))																						
Task 1 (Kickoff Meeting)		 																				
Task 2, 5, 6, 9 (Data Collection)																						
Task 3 (Title Search)																						
Task 4 (Survey)																						
Task 5 (Trail Corridor Review and Mapping)																						
Task 6 (Environmental Assessment)																						
Task 7 (Geotechnical)																						
Task 8 (Stormwater Analysis)																						
Task 9 (Utility Impacts)																						
Tasks 10 and 11 (Roadway Crossings/Bridges Existing)																						
Tasks 12, 13, 14 (Trail Concept Planning and Analysis)																						
Task 15 (Briefing Report)																						
Task 16 (Public Involvement; Steering Committee and Public Workshop)																						

# STUDY METHODOLOGY

## SCREEN 1 ANALYSIS

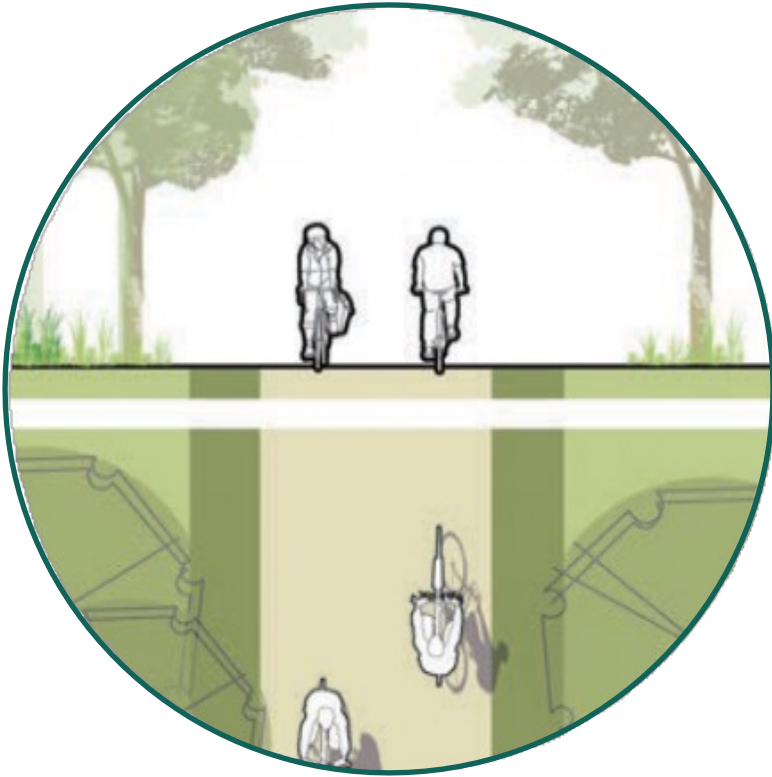
- Evaluated 7 alternatives
- Used the following evaluation criteria:
  1. SUN Trail Funding Eligibility
  2. Available ROW
  3. User Experience
  4. Development Challenges



## SCREEN 2 ANALYSIS

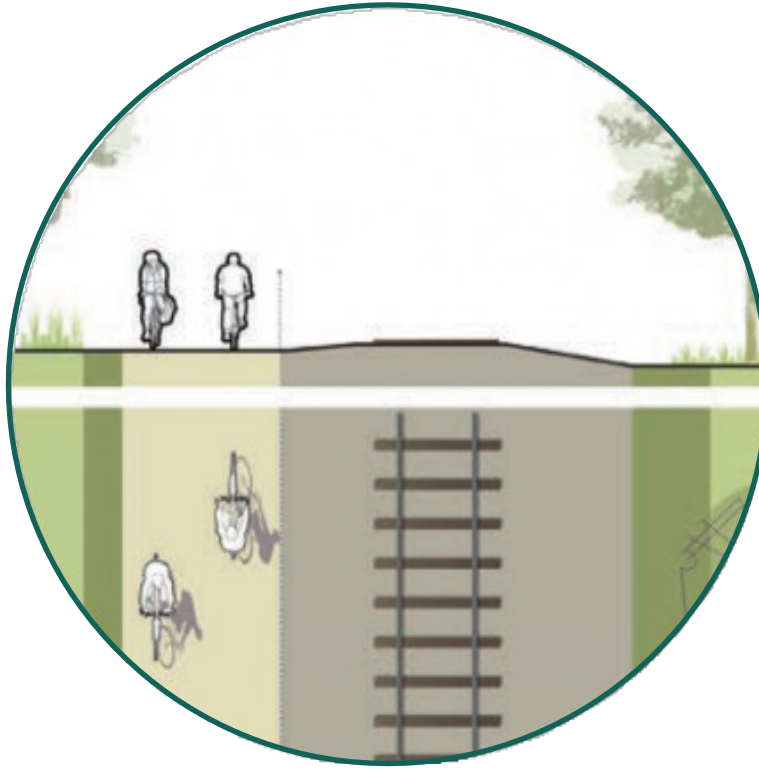
- Evaluated 3 alternatives
- Used the following evaluation criteria:
  1. Connectivity
  2. Project Readiness
  3. Service
  4. User Experience

# ALTERNATIVES



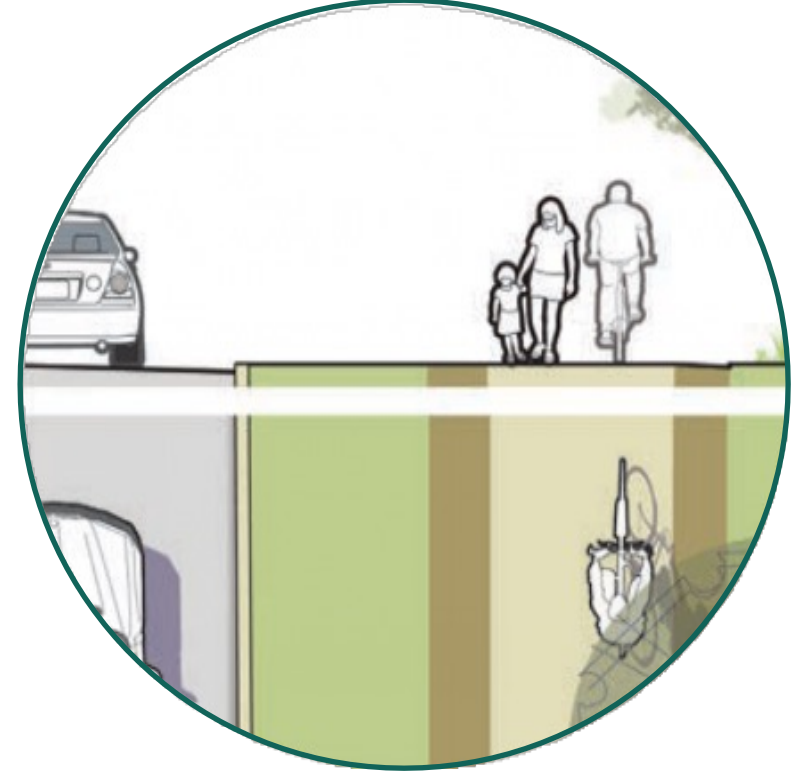
## **Alternative 1**

Rail-to-trail alignment  
within the SGL corridor



## **Alternative 2**

A rail-with-trail alignment  
within the SGL corridor



## **Alternative 3**

A trail alignment within the  
road right-of-way (ROW)



# FEASIBILITY STUDY PROGRESS



The Delaware and Lehigh National Heritage Trail in Lehighton, Pennsylvania

## Tasks that are In Progress:

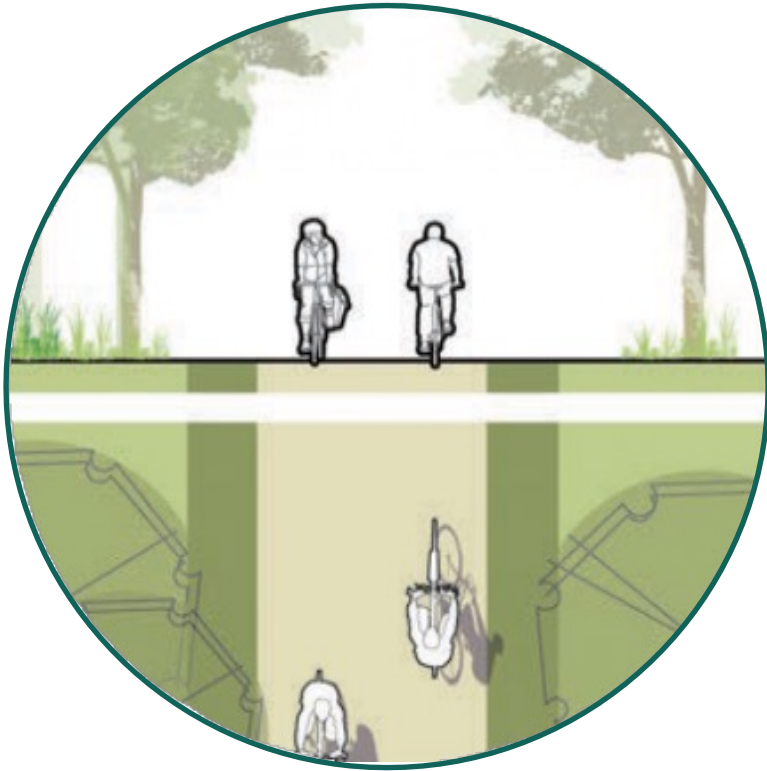
- Documentation/Tech Memos
- Public Presentations
- Monthly Progress Meetings
  - MPO and Municipal Staff

## Completed Tasks:

- Bridge Inventory Analysis
- Environmental Assessment
- Kickoff meeting (April 6)
- Data collection and Mapping
- Utilities Inventory
- Roadway Crossing Inventory
- Alternatives Evaluated
- Briefing Report



# ALTERNATIVE #1: RAIL-TO-TRAIL



A Rail-to-Trail is a multiuse path that is converted to a trail from an inactive rail line.



The Michigan Airline Trail in Wixom, Michigan

# ALTERNATIVE #1: RAIL-TO-TRAIL

## Planning Level Construction Costs:

- \$4-6 Million per mile

## Right-of-way:

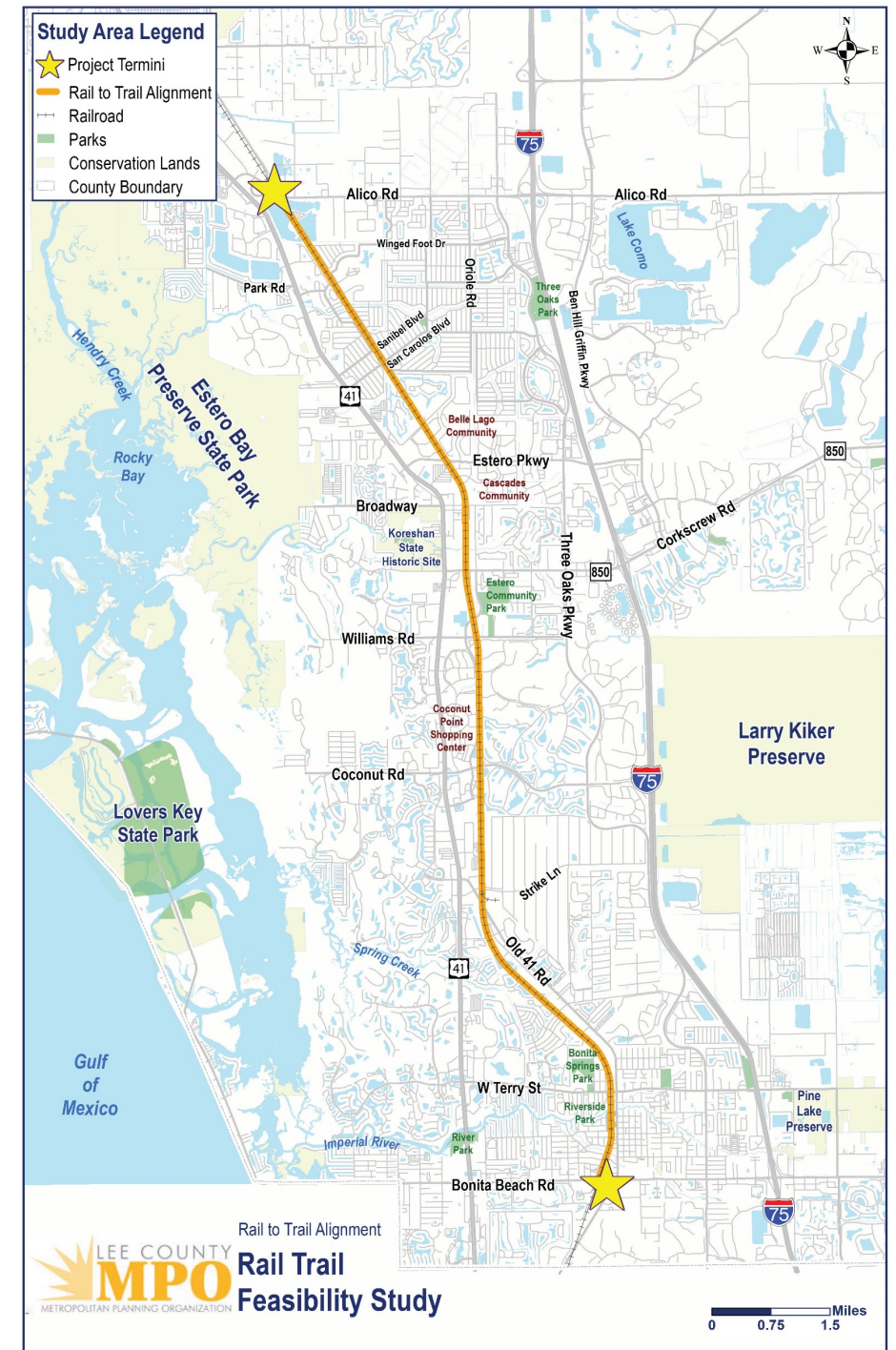
- Requires agreement with railroad for fee simple purchase

## Road-Trail Crossings:

- 20

## Utility Providers:

- Florida Power & Light, TECO Gas, Lee County Utility, Bonita Springs Utility (predominantly at road crossings)





# ALTERNATIVE #1: RAIL-TO-TRAIL



## Connectivity



## Project Readiness



## Service



## User Experience

### OPPORTUNITIES

- Creates connections to local businesses, parks, schools, and other civic spaces
- Could use existing bridges
- Provides equal access opportunities to residents from both the east and west side of the corridor
- Creates more of a linear park opportunity and is a low-stress facility completely separate from the roadway

### CHALLENGES

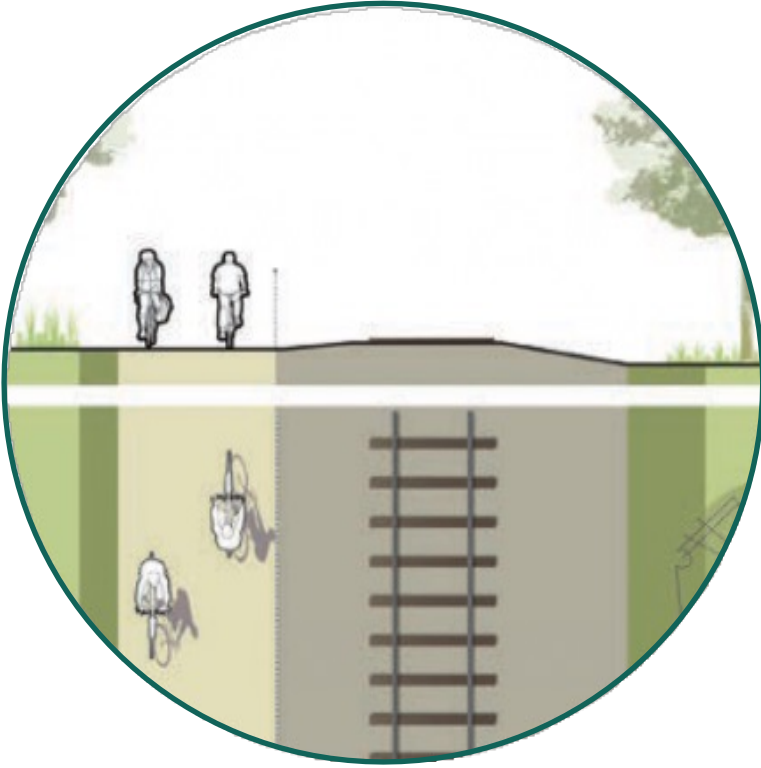
- May require relocation of utilities and retrofit of existing bridges.
- Will require agreement with railroad for fee simple purchase of right-of-way
- Estero Parkway, Corkscrew Road, and Coconut Road are potential locations for overpass crossings



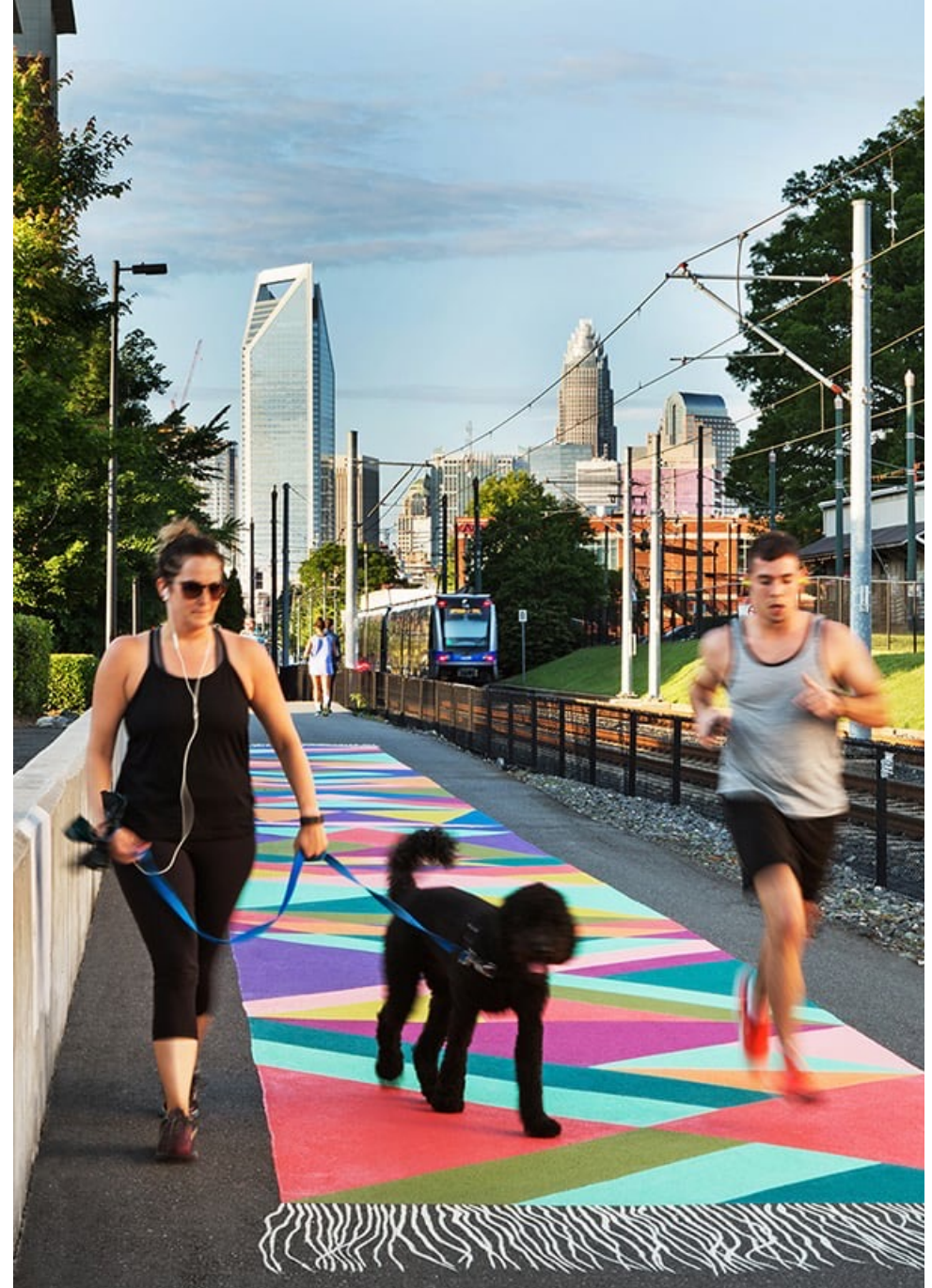
West Fork Trail in West Virginia



# ALTERNATIVE #2: RAIL-WITH-TRAIL



A Rail-with-Trail alignment is parallel to the rail line. The path would be built within the railroad right-of-way on one side of the rail line. This allows the rail to continue to be operational.



A Rail-with-Trail in Charlotte, NC

# ALTERNATIVE #2: RAIL-WITH-TRAIL

## Planning Level Construction Costs:

- \$7-10 Million per mile

## Right-of-way:

- Requires agreement with railroad for fee simple purchase or lease\* with SGLR for partial corridor

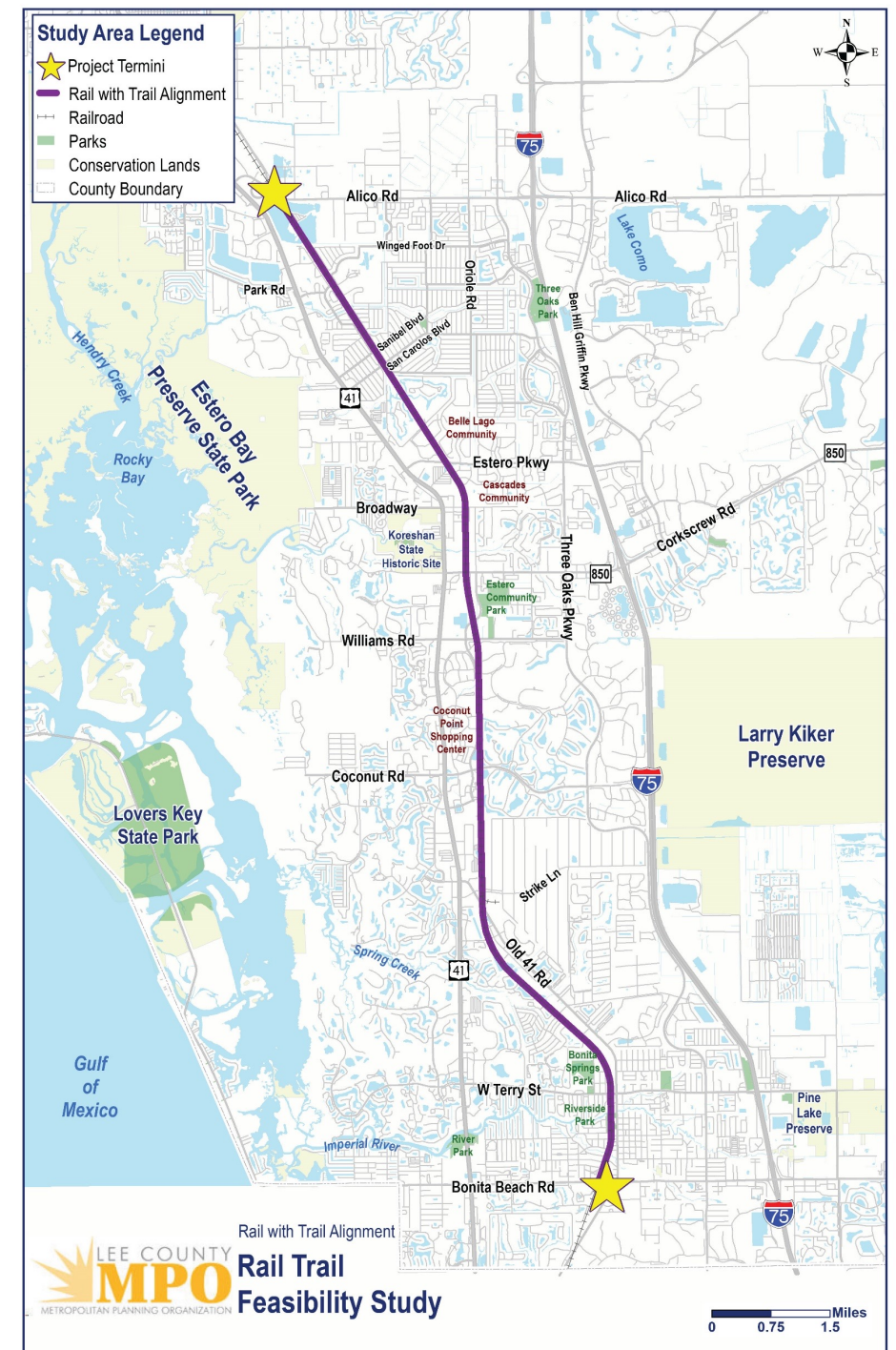
## Road-Trail Crossings:

- 20

## Utility Providers:

- Florida Power & Light, TECO Gas, Lee County Utility, Bonita Springs Utility (predominantly at road crossings)

\*With lease option, Alternative #2 capital improvements will not be eligible for SUN Trail funding





# ALTERNATIVE #2: RAIL-WITH-TRAIL



## Connectivity



## Project Readiness



## Service



## User Experience

### OPPORTUNITIES

- Is a low-stress facility because it would be separate from the road

### CHALLENGES

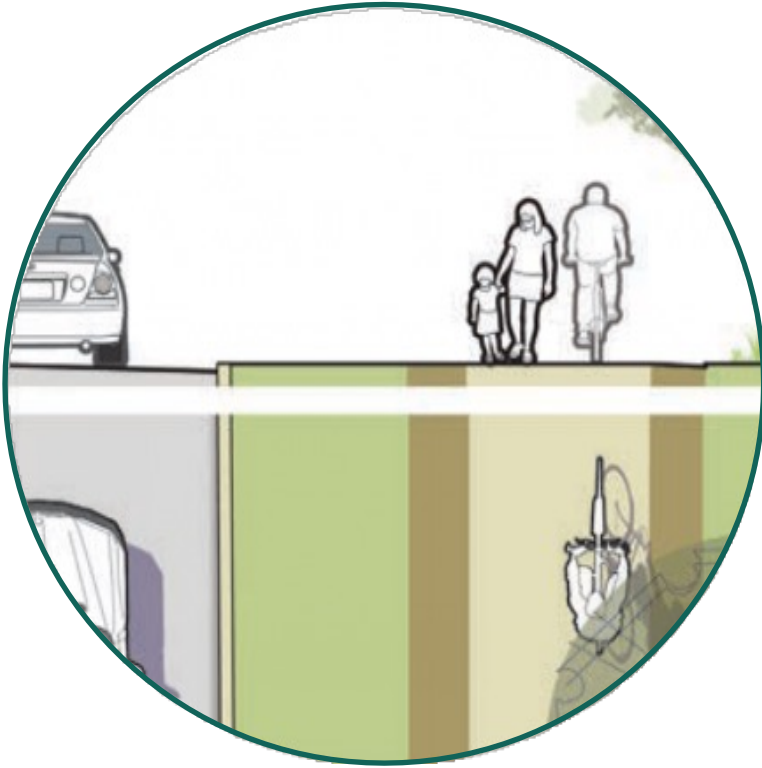
- Requires selection of east or west side of the rail, which will limit connectivity to secondary access points
- May require utility relocation, new bridges, and modification to stormwater features.
- May require pedestrian overpasses at Estero Parkway, Corkscrew Road, and Coconut Road.
- May require purchase of partial rail corridor or a lease with Seminole Gulf Rair
- Because of the rail line, it will not be accessible from all directions



A rail-with-trail in Cambridge, MA



# ALTERNATIVE #3: TRAIL ALIGNMENT ADJACENT TO ROAD



A trail alignment that runs parallel to the road within the road's ROW. Also named sidepath, they require ample space between the road and path for people to comfortably and safely use it.



A trail adjacent to the roadway in Fort Myers Beach, FL



# ALTERNATIVE #3: TRAIL ALIGNMENT ADJACENT TO ROAD

## Planning Level Construction Costs:

- \$13-18 Million per mile

## Right-of-way:

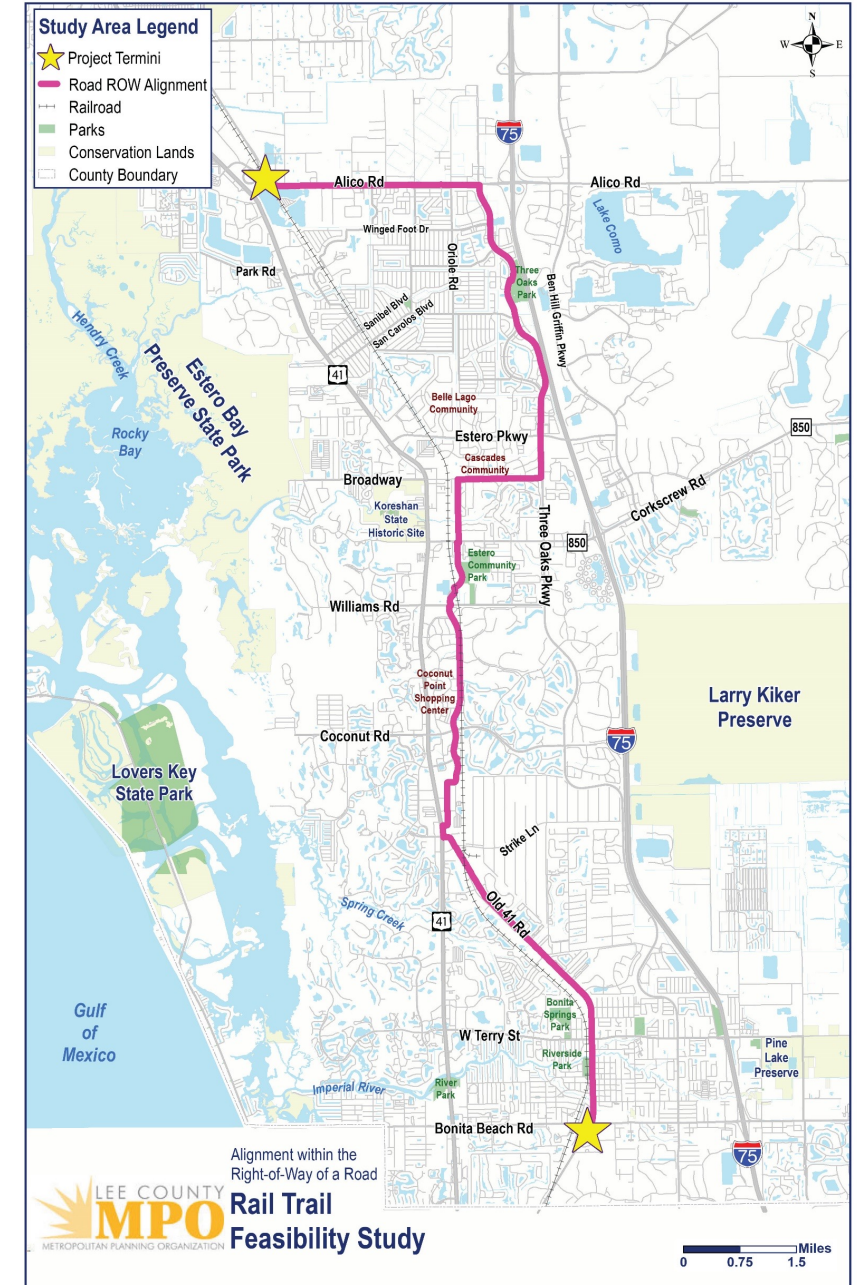
- Cannot be built entirely within existing roadway ROW
- Will require acquisition of property

## Road-Trail Crossings:

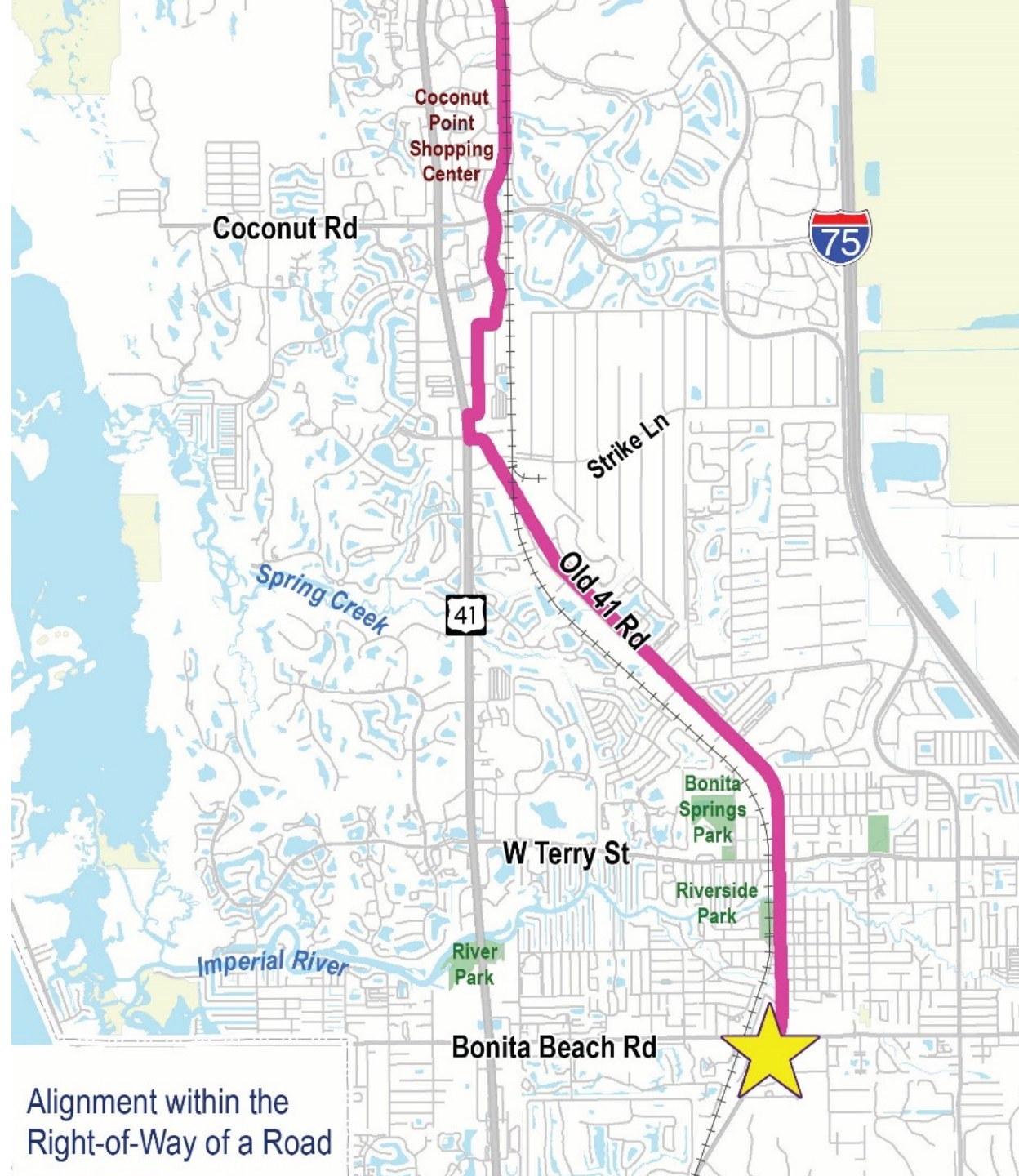
- 96 (includes roadway/ driveway crossings)

## Utility Providers:

- Florida Power & Light, TECO Gas, Lee County Utility, Bonita Springs Utility throughout the corridor







Alignment within the  
Right-of-Way of a Road



# ALTERNATIVE #3: TRAIL ALIGNMENT ADJACENT TO ROAD



## Connectivity



## Project Readiness



## Service



## User Experience

### OPPORTUNITIES

- Portions ready for construction (e.g., Sandy Lane shared-use path; Broadway East to Three Oaks and/or Broadway North to Estero Parkway)

### CHALLENGES

- Does not directly connect to the existing SUN Trail Network because it is farther from US 41 and closer to I-75
- Requires purchase of ROW
- Requires new bicycle and pedestrian bridges, and upgrades to 96 crossings.
- Does not provide as much accessibility
- Is a high stress facility next to high-volume multi-lane road, with many driveway and roadway crossings



A trail adjacent to the road in Austin, TX





# Next Steps and Questions



**EXECUTIVE SUMMARY**  
**REPORTS AND PRESENTATIONS**  
**ITEM 8C**

**City of Naples Pedestrian and Bicycle Master Plan 2022 Update**

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**OBJECTIVE:** For the committee to receive a presentation on the City of Naples Pedestrian and Bicycle Master Plan 2022 Update.

**CONSIDERATIONS:** On June 15, 2022, the Naples City Council voted unanimously to approve the City's 2022 Pedestrian and Bicycle Master Plan, subject to several revisions. City of Naples staff will give presentation, shown in **Attachment 1**, to brief the committee on the plan as approved by the City Council. This is the City's first Pedestrian and Bicycle Master Plan update since 2013.

**STAFF RECOMMENDATION:** That the committee the receive the presentation and have the opportunity to ask questions.

Prepared By: Scott Philips, Principal Planner

**ATTACHMENT(S):**

1. City of Naples Pedestrian and Bicycle Master Plan Update - Presentation



# City of Naples Pedestrian and Bicycle Master Plan Update

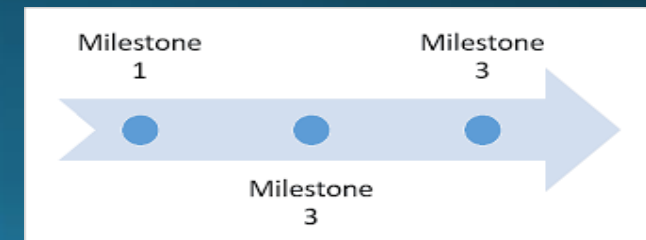
STREETS & STORMWATER DEPARTMENT

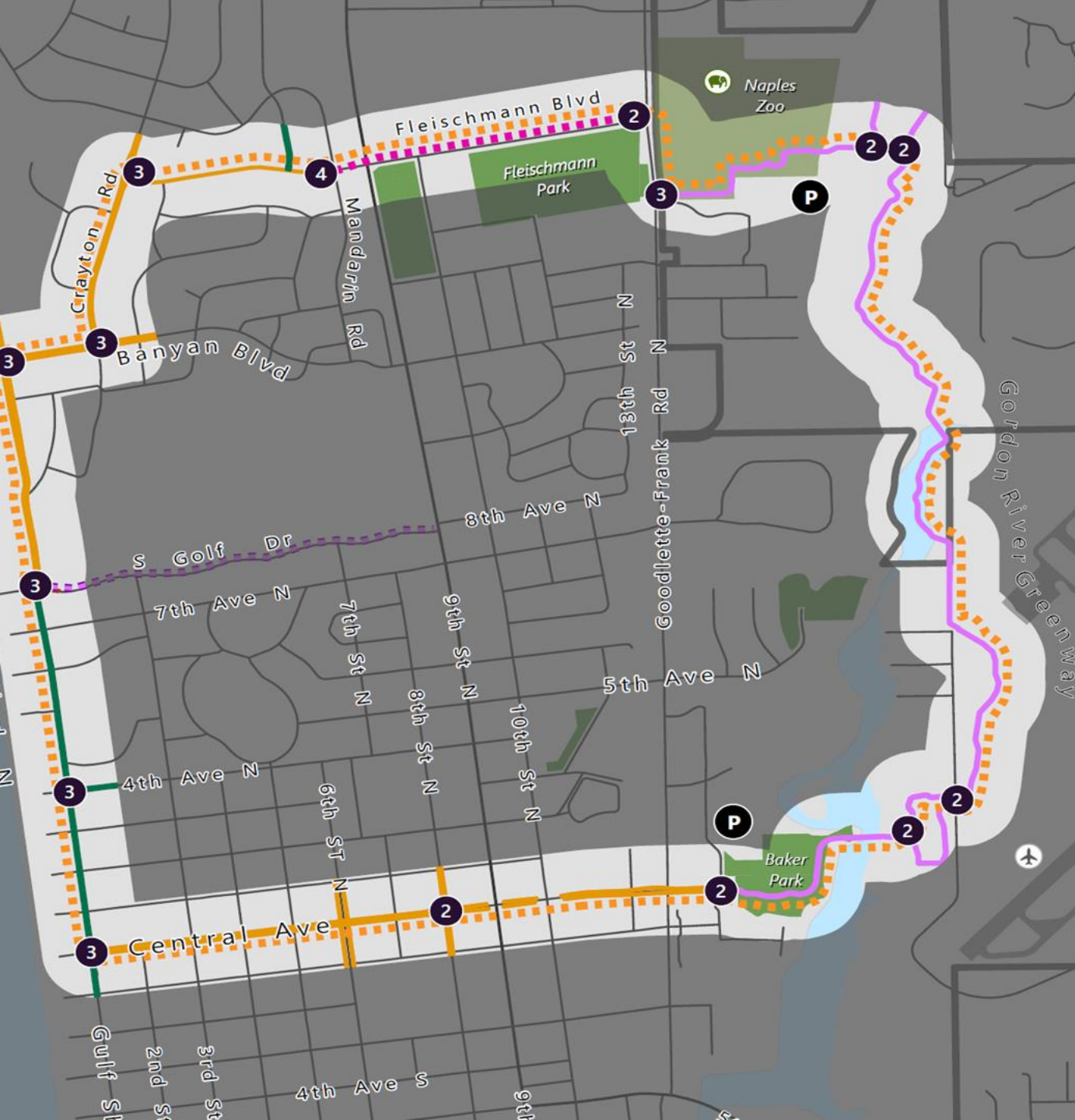
August 2022



# Timeline

- October 2007 - City adopted first Pedestrian and Bicycle Master Plan (MP)
- June 12, 2013: Adoption of 2013 MP Update
- December 2, 2020 – VHB hired to update 2013 MP
- April 19, 2021 - VHB update to City Council following public outreach
- May 2021 - City Council directed staff to work directly with property owners' associations
- Jun. – Oct. 2021 – Staff worked with POA's to review & create projects
- November 1, 2021 – Council update of MP(draft report & compiled list of projects)
- February 17, 2022 –Priority list of projects & Bike Loop Map presented at Council Workshop
- March 31, 2022 – Public meeting for input on the final priority lists
- May 20, 2022 – Staff presented final feedback at City Council Workshop
- June 15, 2022 – Adoption of 2022 Bike & Ped Master Plan Update





# Bike Loop

## Proposed Facilities

- Wayfinding Signage
- Loop Route
- Bike Lane
- Traffic Calming
- Shared Use Path
- Sharrows

## Existing Facilities

- Shoulders
- Bike Lanes
- Multi Use Paths
- Sharrows

## City of Naples

- Parking



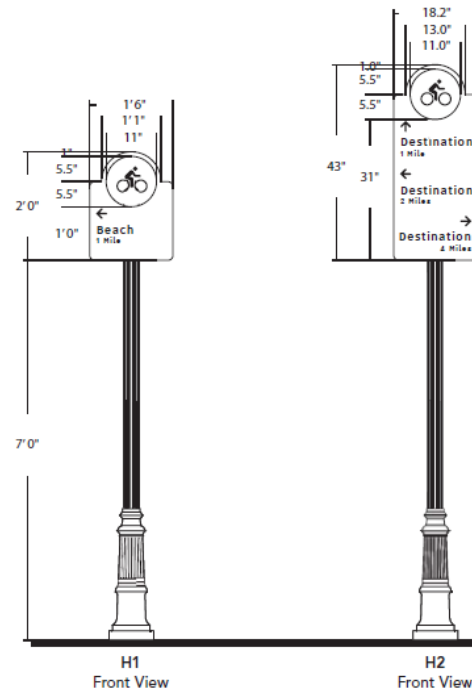


# Wayfinding Signage

## Sign Type H - Bike Path Directional

Scale: 1/2" = 1'

H



Decorative posts to match existing signs already installed within the City

Post and footer design is the responsibility of the sign contractor and shall comply with FDOT requirements (including breakaway) and all other codes

**AECOM**

Wayfinding Studio  
150 N Orange Avenue  
Suite 200  
Orlando, FL 32801  
407 843 6562

City of Naples  
736 8th Street South  
Naples, FL 34102

### City of Naples

Wayfinding Signage  
Conceptual Design  
Additional Sign Types

These drawings express visual design intent only. Final engineering, materials, and fabrication shall remain the responsibility of the fabricator.

The content of this document is subject to the design intent requirements outlined in the Specifications.

Date Issued: January 24, 2017

Revisions:

Project Team: KMN  
SPC

Drawn by: KMN  
SPC

OPTIONAL  
Sign Type H  
Bike Path Directional Signs

**AG-702**



# County & Zoo Signage





Existing Map signage



# Fleischmann Corridor



# Project Prioritization Lists

## Two separate lists

- City projects
- FDOT, County and necessary easements or usage of other properties

Naples Bike and Pedestrian Master Plan City Project Recommendations Matrix												
Neighborhood	Improvement Type	Street / Intersection	Roadway Limits	Improvement Description	Estimated Cost (\$)	FY21/22	FY22/23	FY 23/24	FY24/25	FY25/26	FY26/27	Out Year
Multiple neighborhoods - Bike Loop	Directional Map, TBD	Bike Route	Boston River Driveway, Central Ave, Buft Shore Boulevard, Banyan Blvd, Paschimani Blvd	Lighting program to delineate "Bike Route" and provide wayfinding to key destinations.	\$ -							TBD
City of Naples	Sidewalk	Riverside Dr	Baker Park Driveway to Naples Community Development Driveway, west side		\$ 40,000.00			\$40,000.00				
Collier Park of Commerce	Sidewalk	S Horseshoe Dr	Collier Way W to Airport Rd N, north side		\$ 100,000.00				\$100,000.00			
Collier Park of Commerce	Sidewalk	Horseshoe Dr N	400' west of Collier Way W to Airport Rd N, south side		\$ 102,111.63					\$102,111.63		
Aquafine Shores	DOT'S ERECTIONS (Bulb-Outs/Chokers/Neckdowns)	Boston Dr and 12th Ave S		Stipous w/PSDA	\$ 40,000.00		\$40,000.00					
Aquafine Shores	Pedestrian Crossing	Boston Dr and 12th Ave S	North leg	Mark special emphasis crosswalk, provide curb ramps, and install pedestrian crossing warning lights. Must be evaluated/monitored.	\$ 25,000.00						\$25,000.00	
Aquafine Shores	Benene Traffic Calming/Enforcement	12th Ave S	3rd St S to the NE of 20th St S	Coordinate with the PCA and abutting property owners in developing progressive traffic calming solutions based on data.	\$ 99,024.29							Out Year
Aquafine Shores	Benene Traffic Calming/Enforcement	11th Ave S	Boston Dr to Marine Dr	Pavement marking / signage to calm traffic. Coordinate with the PCA, etc. as below.	\$ 99,024.27							Out Year
Aquafine Shores/ Port Royal	Benene Traffic Calming/Enforcement	Boston Dr	Kings Town Dr to 12th Ave S	Coordinate with the PCA and abutting property owners in developing progressive traffic calming solutions based on data.	\$ 72,952.77							Out Year
Coquina Sands	Sidewalk	Banyan Blvd	US 41 - FDOT	Fix the light transition in the sidewalk alignment. It was noted to be an odd transition & must get off your bike in this area.	\$ 8,000.00		\$5,000.00					
Coquina Sands	Pedestrian Crossing	Bufl Shore Blvd N and Cleander Dr	Across Bufl Shore Blvd - modifications as per Naples Beach House ACIO improvements	Mark special emphasis crosswalk, provide curb ramps, and install pedestrian crossing warning lights	\$ 25,000.00							Developer Improvements
Coquina Sands	Pedestrian Crossing	Cleander Dr and Clayton Dr	South leg	Mark special emphasis crosswalk, provide curb ramps, and install pedestrian crossing warning lights	\$ 25,000.00				\$25,000.00			
Bufl Shore Association of Condos	Other	Bufl Shore Blvd & Park Shore	SBH	Extend the existing painted lanes for bicyclists and pedestrians better route.	\$ 60,000.00					\$50,000.00		
Harbour Dr Bufl Shore / Moorings	Other	Bufl Shore Blvd N and Via Miramar	South leg	Extend median to provide pedestrian refuge, requested to not narrow lanes	\$ 20,000.00			\$20,000.00				
Harbour Dr Bufl Shore / Park Shore	Other	Bufl Shore Blvd N and Horizon Way	South leg	Extend median to provide pedestrian refuge	\$ 20,000.00			\$20,000.00				
Harbour Dr Bufl Shore / Moorings	Flashing crosswalk lights	Bufl Shore Blvd N and Videado Way	South leg	Flashing crosswalk lights	\$ 25,000.00			\$25,000.00				
Lake Park	Sidewalk	12th Ave N	US 41 to 12th St N, north side		\$ 20,000.00							Out Year
Lake Park	Pedestrian Crossing	12th St N and 12th Ave N	South leg & north leg	Mark special emphasis crosswalk, provide curb ramps, and install pedestrian crossing warning lights	\$ 25,000.00		\$25,000.00					
Lake Park	Sidewalk	12th Ave N	US 41 to 12th St N, south side	Set sidewalk 180 ft.	\$ 24,000.00		\$24,000.00					
Moorings/ Peninsula	Benene Traffic Calming/Enforcement	Clayton Rd	Seagrass Dr to Harbour Dr	Enforcement + other traffic calming methods as determined	\$ 147,838.77							Out Year
Moorings	Pedestrian Crossing	Anchor Road Dr and Binace Dr	West leg	Mark special emphasis crosswalk and provide curb ramps	\$ 25,000.00					\$25,000.00		
Moorings	Pedestrian Crossing	Binace Dr and Bear Ln	East leg	Mark special emphasis crosswalk, provide curb ramps, and install pedestrian crossing warning lights	\$ 25,000.00					\$25,000.00		
Moorings	Pedestrian Crossing	Leeward Ln & Harbour Dr		Add a crosswalk by the condos	\$ 25,000.00					\$25,000.00		
Old Naples	Sidewalk	3rd St S	Central Ave to 1st Ave S	Fill in the sidewalk gap from where it ends at the church.	\$ 24,000.00		\$24,000.00					
Old Naples	Pedestrian Crossing	Bufl Shore Blvd & 2nd Ave S	SBH	* Cross walk (in conjunction) with Beach Outfit Project	\$ 25,000.00							Beach Outfit Project

Naples Bike and Pedestrian Master Plan FDOT & County - Project Recommendations Matrix					
Neighborhood	Improvement Type	Street / Intersection	Roadway Limits	Improvement Description	Estimated Cost (\$)
Collier County ROW	Shared Use Path	Goodlette-Frank Rd N (County ROW)	Northern City limit to US-41, Naples Zoo entrance south to US 41	Preferred 8 ft. wide pathway or wider if feasible along Goodlette-Frank Rd. Separated bike lane	\$ 1,915,584.61
Collier County ROW	Pedestrian Crossing	Bayfront Pl/ 3rd Ave S and Goodlette Frank Rd S	North leg	Mark special emphasis crosswalk and provide curb ramps	\$ 15,000.00
Collier County ROW	Sidewalk	Goodlette-Frank Rd N		Widen the sidewalk on the east side of Goodlette since Baker Park is on that side.	\$ 112,000.00
FDOT ROW/PRIVATE	Other	Entrance to Naples Bay Resort- River Point Dr & Driveway to Kelly's Shell Shack	FDOT/Private Right-of-way	Add "watch for bicyclists" signage (Coordinate with Private property owner.)	\$ 750.00
Collier County ROW	Pedestrian Crossing	Golden Gate Pkwy and Vinland Dr / Greenway to Freedom Rd.		Work with the County to investigate feasibility of a pedestrian overpass or mark special emphasis crosswalk, provide curb ramps, and supplement with Pedestrian Hybrid Beacon or Traffic Signal, if warranted	\$ 20,000,000.00
FDOT ROW	General Intersection Improvement		South leg	Remove acceleration taper on southbound departure leg	\$ 40,000.00
Coquina Sands/FDOT	Other	US 41		Add a buffer between the sidewalk and 41.	\$ 70,385.70
Coquina Sands/FDOT	Curb Extensions (Bulb-Outs/Chokers/Neckdowns)	Orchid Dr and US 41	Northwest corner (FDOT)		\$ 40,000.00
Lake Park/ Coquina Sands- FDOT	Pedestrian Crossing	US 41 and Banyan Blvd/12th Ave N	FDOT ROW	Mark special emphasis crosswalk, provide curb ramps, and supplement with Pedestrian Hybrid Beacon or Traffic Signal (based on Traffic Engineering Manual guidance)	\$ 25,000.00
Lake Park/ Coquina Sands- FDOT	Pedestrian Crossing	US 41 and Banyan Blvd/12th Ave N	US-41/FDOT	Mark special emphasis crosswalk, provide curb ramps, and supplement with Pedestrian Hybrid Beacon or Traffic Signal (based on Traffic Engineering Manual guidance)	\$ 25,000.00
Old Naples/FDOT ROW	Pedestrian Crossing	US 41 and 7th Ave N	North leg	Mark special emphasis crosswalk and provide curb ramps	\$ 25,000.00
Park Shore/FDOT	Pedestrian Crossing	Park Shore Dr and US 41	North leg - US-41	Mark special emphasis crosswalk and provide curb ramps - **Would impact EBLT traffic.	\$ 25,000.00
Park Shore/FDOT	Pedestrian Crossing	West Blvd and Whispering Pine Ln *By School	North side of the intersection	Illuminated crosswalk	\$ 25,000.00

# Moving Forward...

1. Annual review of project list – particularly for upcoming fiscal year
2. Further discussion on Bike Loop development & potential additional loops
3. Removed roundabouts for separate discussions
4. Annual inclusion in budget process



**EXECUTIVE SUMMARY**  
**REPORTS AND PRESENTATIONS**  
**ITEM 8D**

**Gulf Coast Trail Update**

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**OBJECTIVE:** For the committee to receive a presentation on progress made on the Gulf Coast Trail. (Attachment 1)

**CONSIDERATIONS:** When complete, the Gulf Coast Trail (GCT) will provide a 336-mile non-motorized shared use corridor in Southwest Florida connecting the cities of Tampa, St. Petersburg, Clearwater, Palmetto, Bradenton, Sarasota, Venice, North Port, Fort Myers, Cape Coral, and Naples, and is part of Florida's statewide SUN Trail network.

Recent activity on the GCT includes construction of the Port Charlotte Gateway – Harbor Walk in 2021, and the Punta Gorda US-41 Multi-use Recreational Trail in 2020; studies being conducted on the corridor include the Old US-41 Project Development & Environmental (PD&E) Study in Lee and Collier Counties, and the Paradise Coast Trail Feasibility Study.

- Port Charlotte Gateway – Harbor Walk: Located in Charlotte County, this project provides a safe non-motorized bike/ped route on the Peace River that cross under US-41 connecting to Live Oak Point Park and the Charlotte Harbor National Harbor Estuary.
- US 41 Multi-use Recreational Trail: Located in Punta Gorda, the project entailed the construction of a 110-foot pedestrian bridge across the North Fork Alligator Creek. The trail is located on the eastern side of US 41 and closes a gap on the US-41 Multi-use Recreational Trail.
- Old US 41 PD&E Study: The study examines environmental and design impacts from proposed improvements proposed to relieve congestion and accommodate future growth. The study area is broken into two segments due to the project being located in Collier and Lee Counties. Proposed improvements include adding new driving lanes and bicycle/pedestrian facilities. The final report is expected in November 2022. Construction is not funded at this time.
- Paradise Coast Trail: The Paradise Coast Trail feasibility study is complete and the MPO submitted the revised Paradise Coast Trail alignment to the Office of Greenway and Trails in May 2022. The revised alignment cleans up the Livingston Road trail segment including the FPL easement, removes the trail segment through Rookery Bay, and realigns the connection at Rich King Greenway/Rattlesnake Hammock Rd to extend eastward to Collier Blvd and then south to US 41. The Livingston FPL Trail Extension from Radio Road to the Collier/Lee County line PD&E Study is programmed for funding in FY 2026.

**STAFF RECOMMENDATION:** That the committee receive the presentation and have the opportunity to ask questions.

Prepared By: Scott Philips, Principal Planner

**ATTACHMENT(S):**

1. Gulf Coast Trail Presentation

# Gulf Coast Trail

Collier MPO BPAC  
August 16, 2022







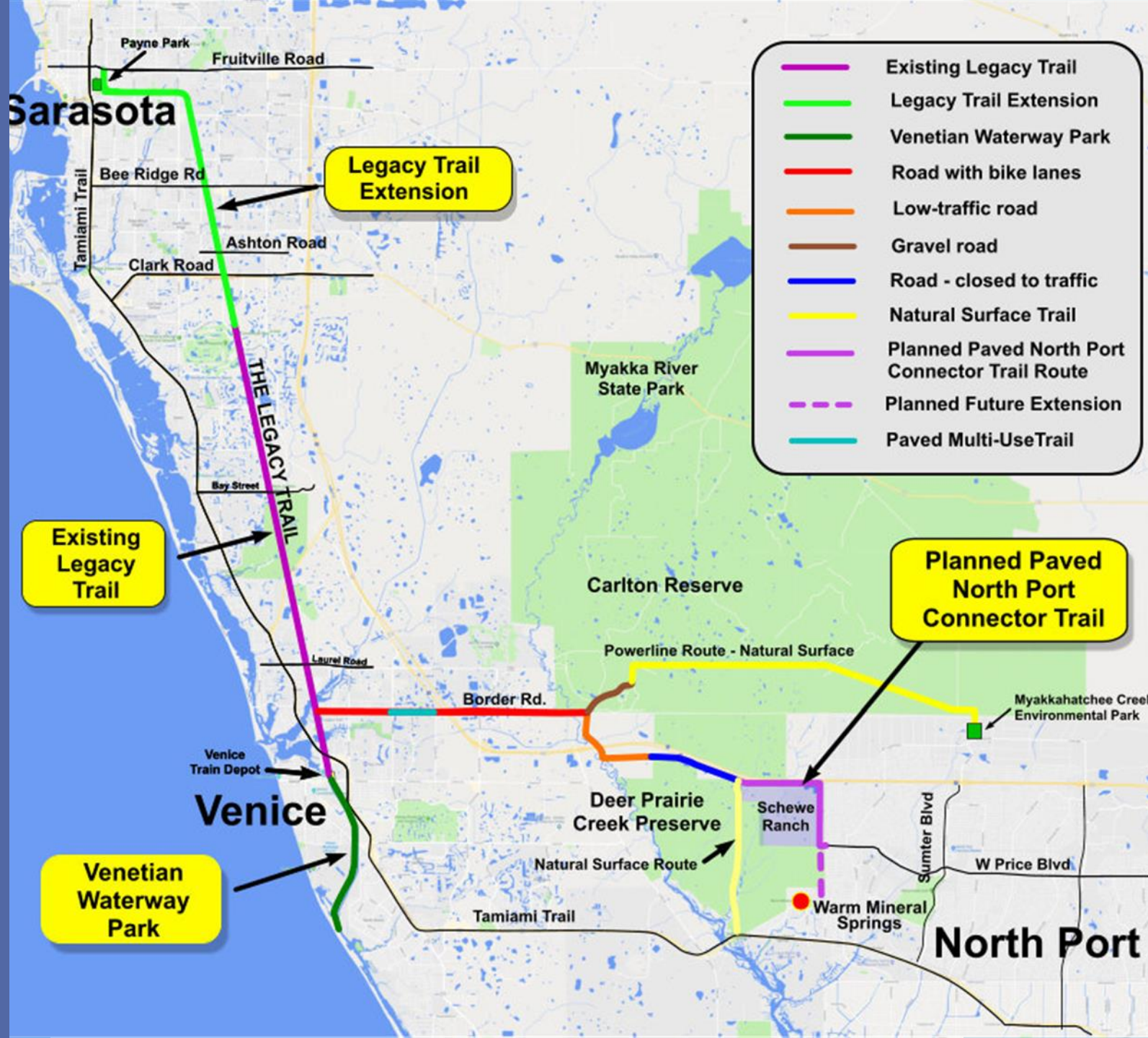
# What is the Gulf Coast Trail?

- Serves as the spine that links Southwest Florida's non-motorized corridors across seven counties
- Recent MPO Gulf Coast Trail Activities
  - ❖ Sarasota/Manatee: Acquisition of the Legacy Trail Northern Extension
  - ❖ Charlotte/Punta Gorda: Construction of the North Fork Alligator Creek Bridge & the Gateway – Harbor Walk
  - ❖ Lee: Rail-Trail Feasibility Study
  - ❖ Collier: Paradise Coast Trail Feasibility Study
  - ❖ FDOT: Old US 41 PD&E Study
- The Gulf Coast Trail will provide a 336-mile non-motorized multi-use corridor connecting the Tampa/St. Pete area to Collier County when complete



# Legacy Trail Northern Extension Sarasota County

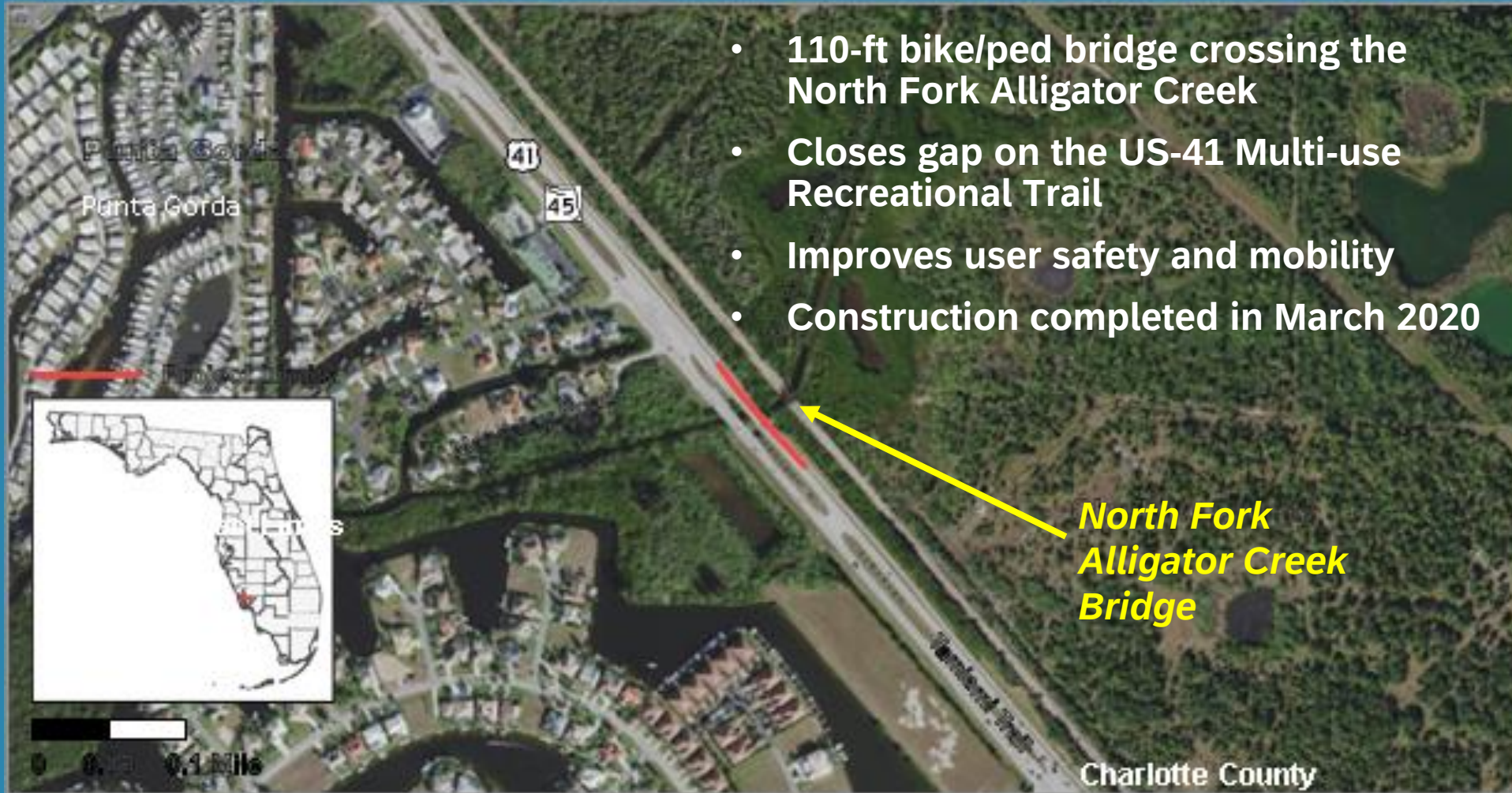
- Acquired approximately 9-miles of abandoned railroad in 2019
- Connects downtown Sarasota to the cities of North Port and Venice
- Improvements include a pedestrian overpass at Clark Road and Bee Ridge Road





# Punta Gorda Pathway

## North Fork Alligator Creek Bridge





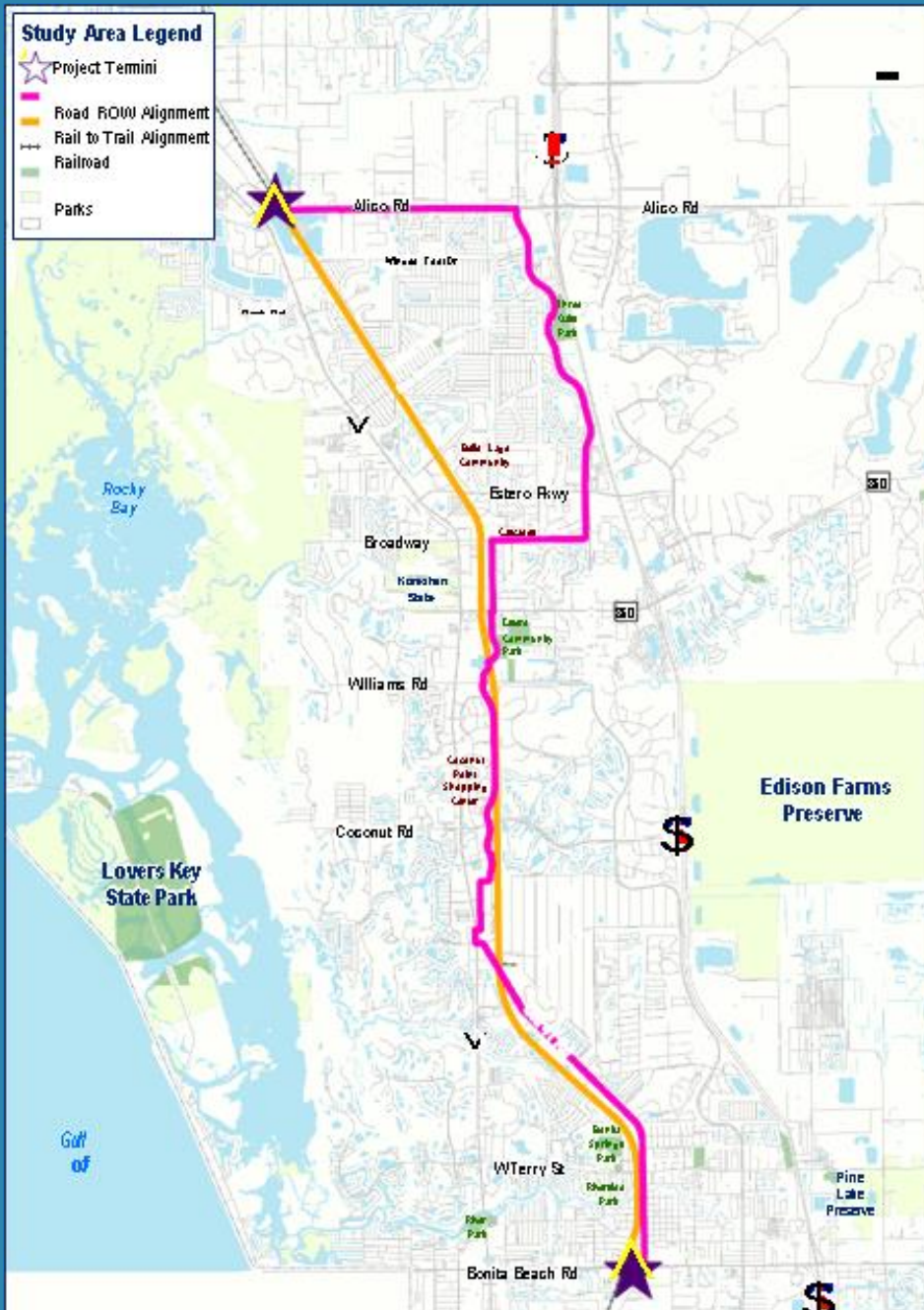
# Gateway – Harbor Walk Charlotte County

- New non-motorized connection on the Peace River that crosses under US-41
- Links the eastern flank of US-41 to the western flank
- Improves safety and mobility
- Provides access to Live Oak Point Park
- Completed in March 2022

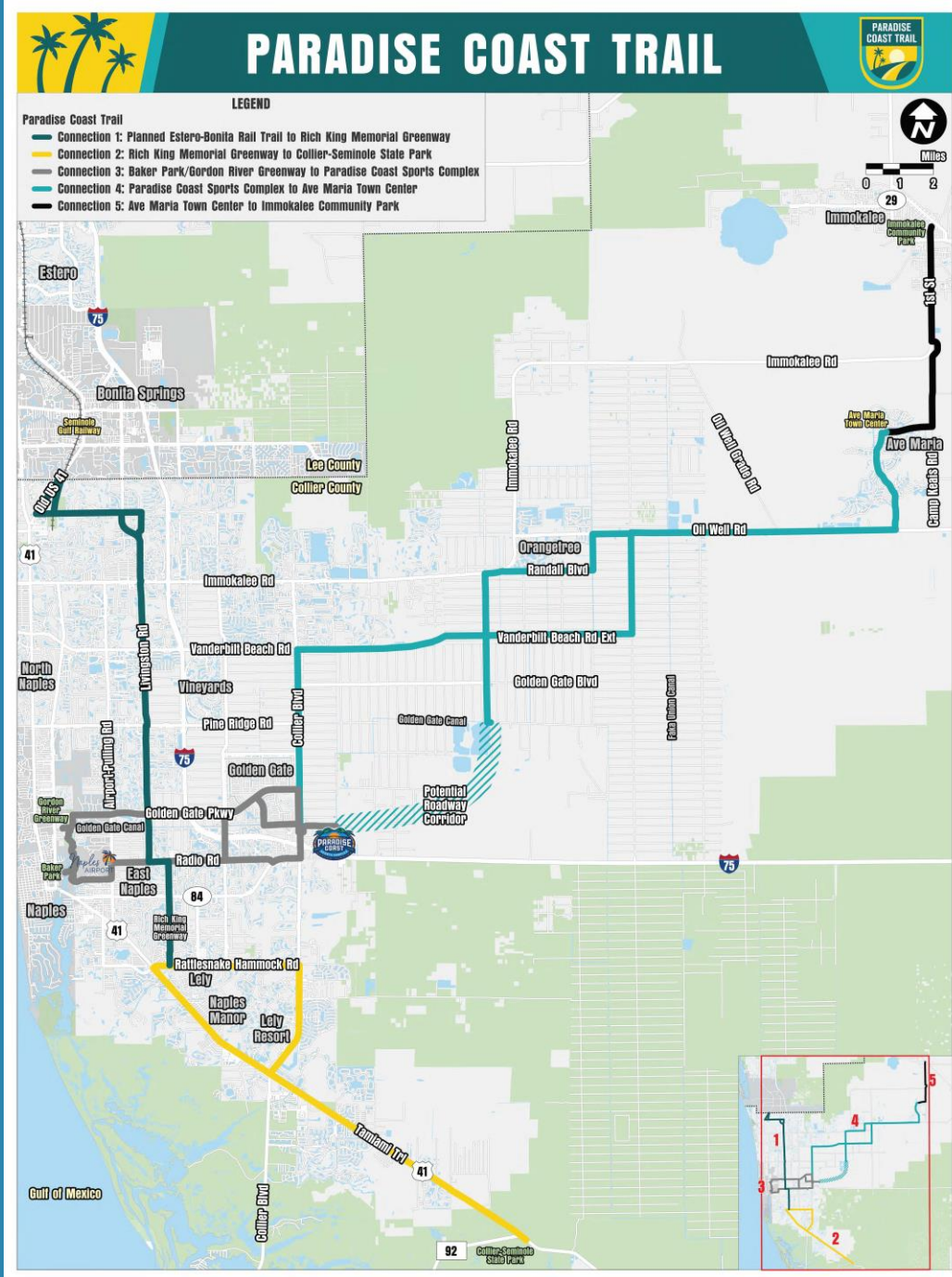


# Lee MPO Rail-Trail Feasibility Study

- Study Area: Alico Road (north); Bonita Beach Road (south); I-75 (east); & US-41 (west)
- Rail line extends 1.5-miles into Collier County (not evaluated for this study)
- Provides connection to the Paradise Coast Trail via Old US 41 as part of 4-lane widening
- Improves safety, access, mobility, connectivity
- Study to be completed in September 2022







# Paradise Coast Trail Feasibility Study

- Proposes a 70+ mile multi-use trail in Collier County
- Supports the SUN Trail & Gulf Coast Trail Network goals and alignment
- Will provide connections to:
  - ❖ Gulf Coast Trail
  - ❖ Collier Seminole State Park
  - ❖ Ave Maria
  - ❖ Immokalee
  - ❖ Marco Island
  - ❖ Everglades City
  - ❖ Estero Bonita Lee Rail-Trail



**Questions?**

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