







Public Meeting August 23, 2021

Agenda

- 1. Introductions
- 2. Master Planning Process
- 3. Proposed LauderTrail Master Plan
- 4. Trail Branding Development
- 5. Next Steps
- 6. Questions and Answers



1 Introductions

Introduction - PATH Team



Nico Shen, PLA



Trail Planning Principals

- Ed McBrayer, Executive Advisor
- Greta deMayo, Executive Director

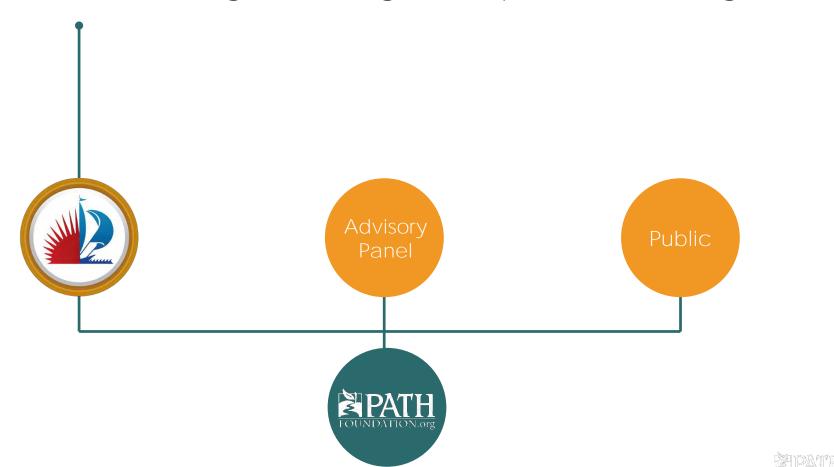
Trail Planning Support Staff

- Michael Slagle, Community and Environmental Planning
- Tony Madore, Landscape Architectural Designer



City Project Manager + Advisory Panel

- Kristin Thompson, Program Manager, Transportation and Mobility
- Ben Rogers, Director, Transportation and Mobility
- Karen Warfel, Program Manager, Transportation Planning Division



PATH FOUNDATION



- Non-profit agency building trails since 1991
- Utilizes private donations to match public funds allocated for trail development
- Raised over \$100 million from private sector for trail development
- Postured \$200 Million to be allocated from public sector for trails

PATH FOUNDATION

- Master planned multi-use trail systems for over 30 communities
- Built 300 miles of bike/ped facilities in the southeast







2 Master Planning Process

> Formed Advisory Panel > Established Planning Goal > Data Collection >









> Fieldwork Assessment > Meeting with Advisory Panel + Key Stakeholders









> JICK REFER

Who are we planning the LauderTrail for?







< 1%

7%

60% Interested but Concerned

33% No way No How

Strong & Fr

Need to be separated from the road

Strong & Enthused & Fearless Confident

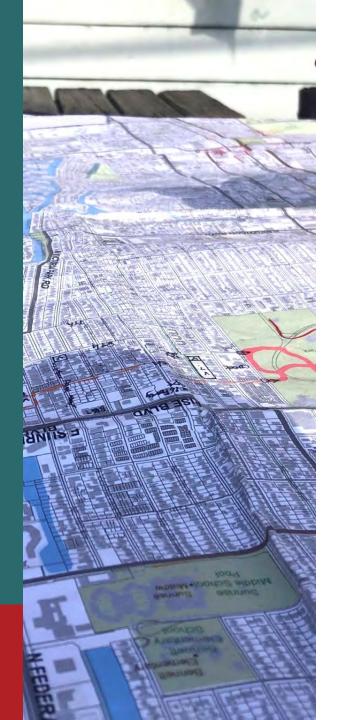
Will ride in the road

Who are we planning the LauderTrail for?



"60% Interested but Concerned"

- They want low stress routes and separation from traffic...
- We must carefully select design treatments that meet expectations and are safe if we are going to sustain their usership



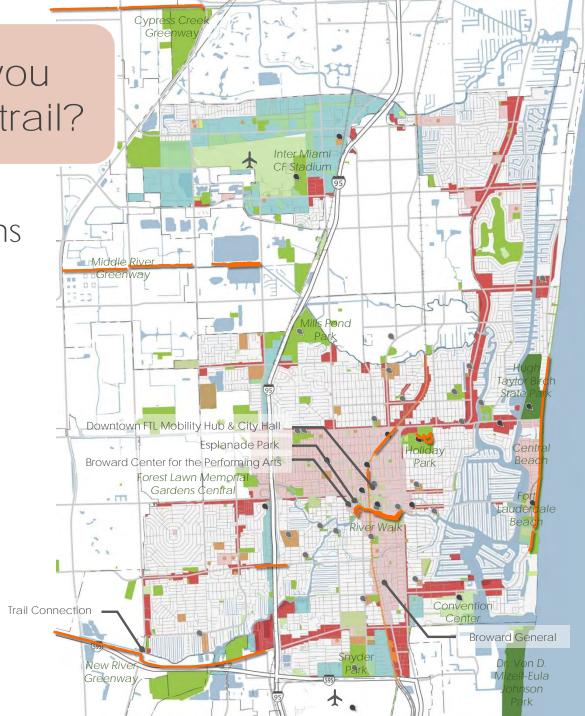
Trail Master Planning Goal:

The Fort Lauderdale Trail Master Plan's goal is to provide an inclusive, implementable, inspiring, interconnected, and engaging

trail system safely connecting everyone in the City of Fort Lauderdale to parks, transit, local businesses, attractions, and their neighbors. Where would you want to go on a trail?

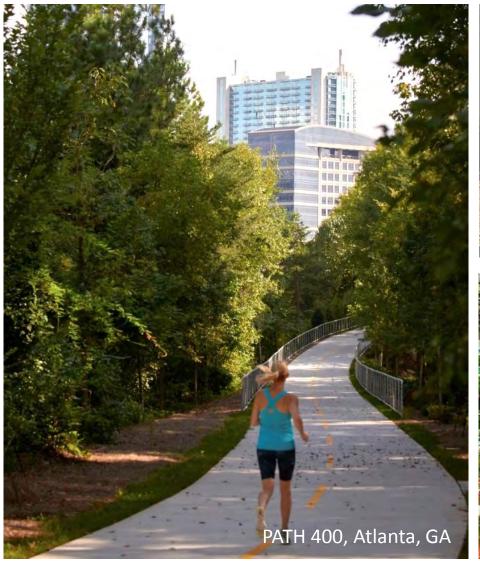
Identified Destinations

- Regional Destinations
- Local Destinations
- Existing Trails
- Colleges & Schools
- Office & Employment Center
- Commercial
- Activity Center
- State Parks
- Parks & Open Space
- Waterway
- City of Fort Lauderdale Limit



Trail Types – #1 Greenway

• Within greenspace, 10' to 12' recommended width





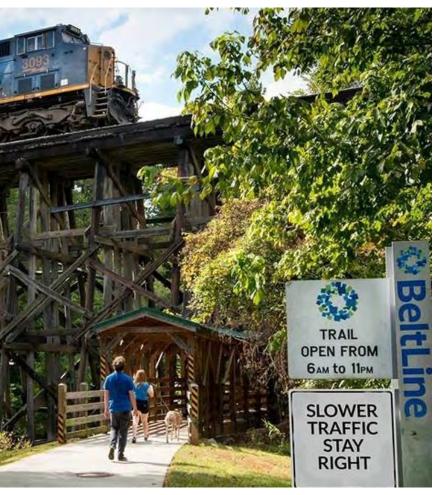


FOUNDATION.org

Trail Types – #1 Greenway

- Provides quality trail user experience
- Separated from traffic





Peachtree Creek Greenway, Brookhaven, GA

Atlanta BeltLine Northside Trail



Trail Types – #1 Greenway

- Connects communities to nature
- Creates linear park space



Boardwalk, South Peachtree Creek Greenway, Dekalb County, GA



Custom Trail Bridge over PT Creek

Trail Types – #2 Green Alley



- Repurposed a neglected alleyway
- Vehicular space is at-grade with bicyclists and pedestrians.
- Linking key destinations in the community through the shared space.



Source: The Trust for Public Land

Trail Types – #2 Green Alley





Midtown Green Alley, Detroit, MI

 Vehicular access is controlled at alley entrances where it is desired by neighborhood



Trail Types – #3 Shared-use Street (Woonerf)



- Traffic calming elements, pavers, street furnishings, and signage are used to create the shared space.
- Shared-Use Streets can be closed for city festivals/events.



Trail Types – #3 Shared-use Street (Woonerf)



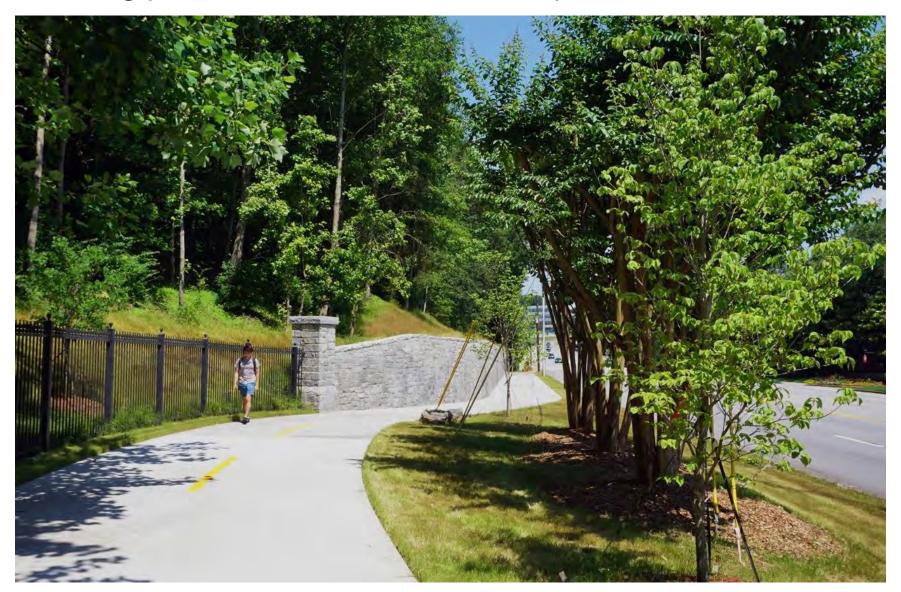


New River Street, Batavia, IL

Trail Types - #4 Buffered Sidepath



Trail Types - #4 Buffered Sidepath







Trail Types – #5 Buffered Cycle Track

Raised one-way cycle track at curb level



Trail Types – #5 Buffered Cycle Track

• Identification signage for pedestrian and bicyclist



Trail Types – #6 Neighborhood Greenway

- Offset curb extensions to create a chicane for traffic calming
- Curb extension or raised crosswalk at intersection
- Mini roundabout
- Street closure at strategic location to prevent cut-through traffic







3

Proposed LauderTrail Master Plan

LauderTrail Master Plan

Legend

Existing and Programmed Bike/Ped Improvements

Suggested Bike/Ped Improvements

Existing Trails

Programmed Trails

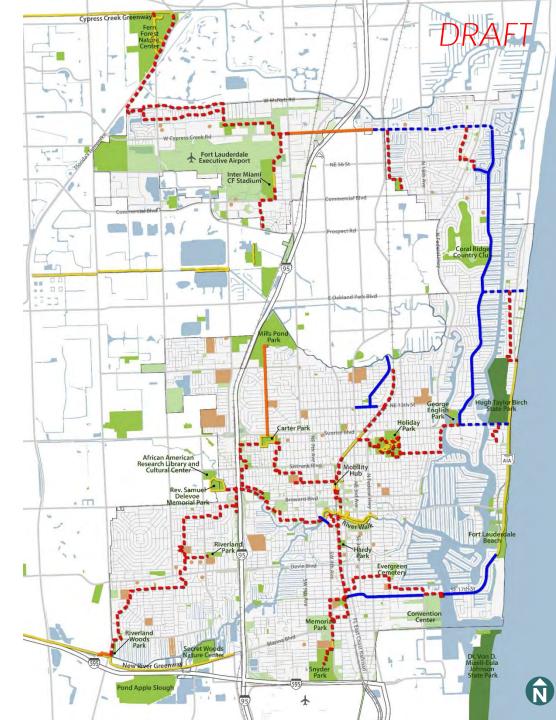
Proposed Trails

Parks & Open Spaces

Public owned land

Colleges & Schools

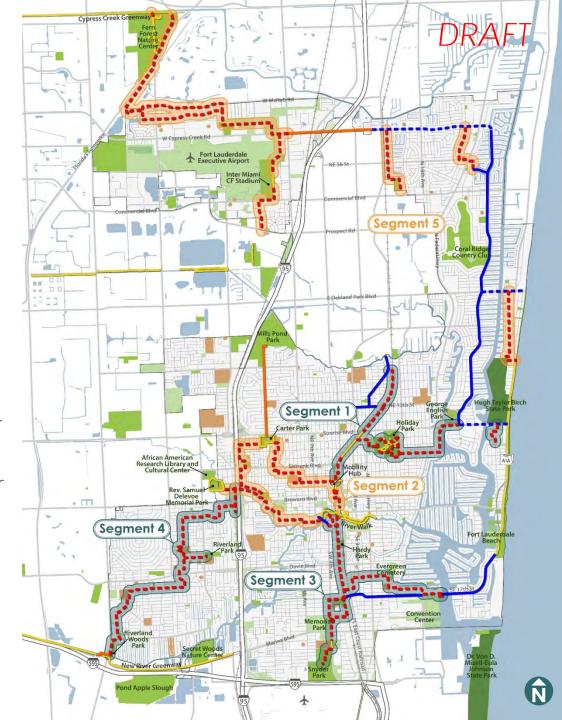
City of Fort Lauderdale Limit



LauderTrail Master Plan

Segments

- Northside Trail
- Westside Loop
- Southside Trail
- Southeast Connector
- Northwest Connector



LauderTrail Master Plan

Segment 1: Northside Trail

Legend

Programmed Bike/Ped Improvements

Suggested Bike/Ped Improvements

Existing Trails

Programmed Trails

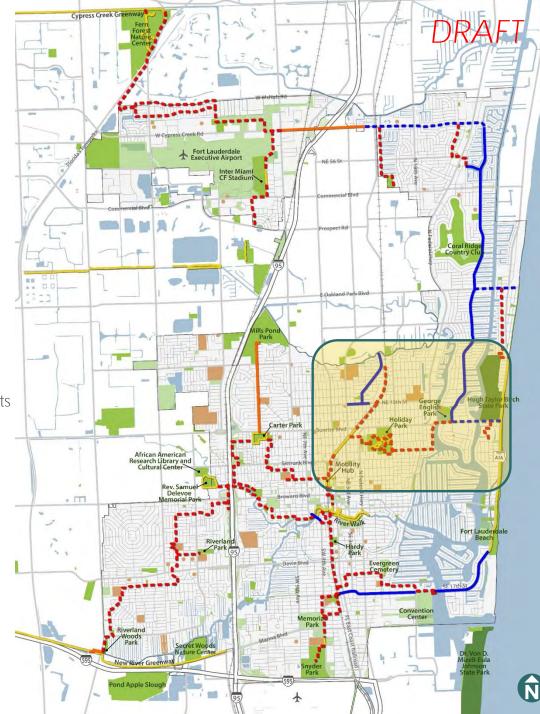
Proposed Trails

Parks & Open Spaces

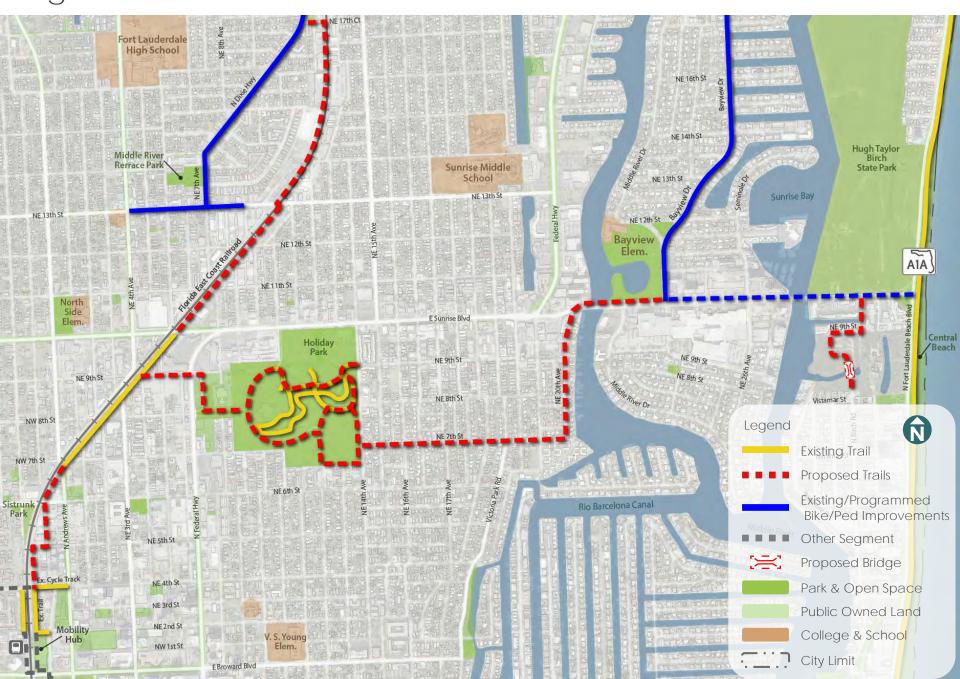
Public owned land

Colleges & Schools

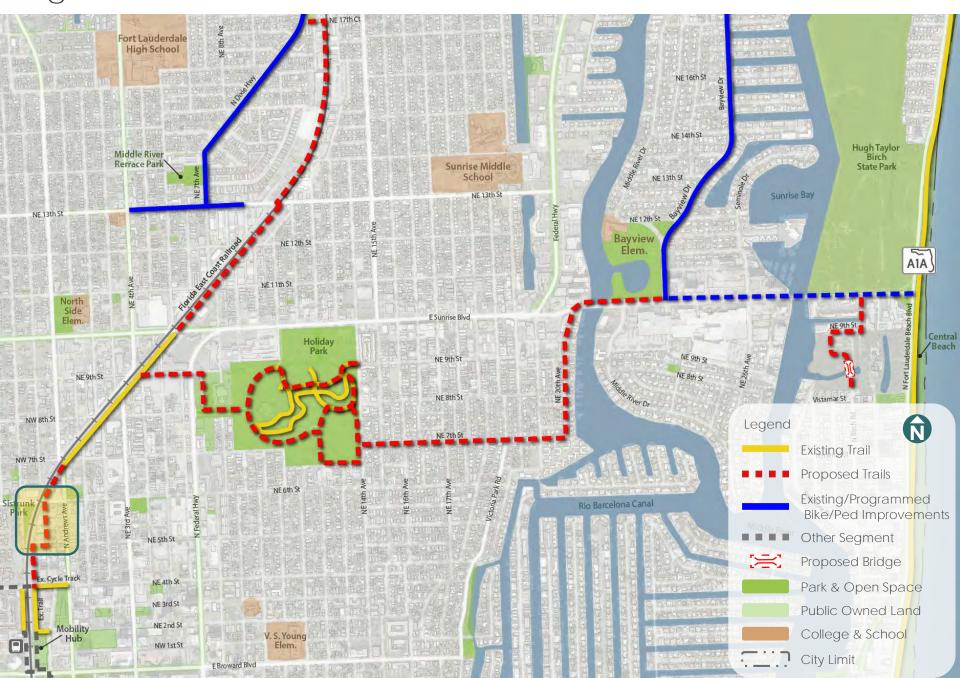
City of Fort Lauderdale Limit



Segment 1 - Northside Trail



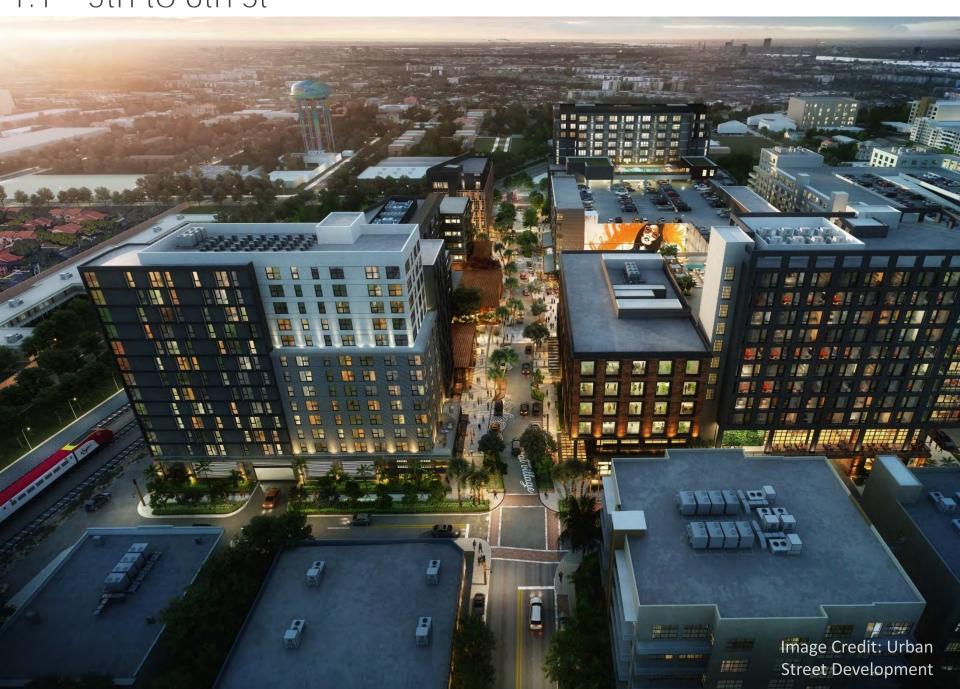
Segment 1 - Northside Trail



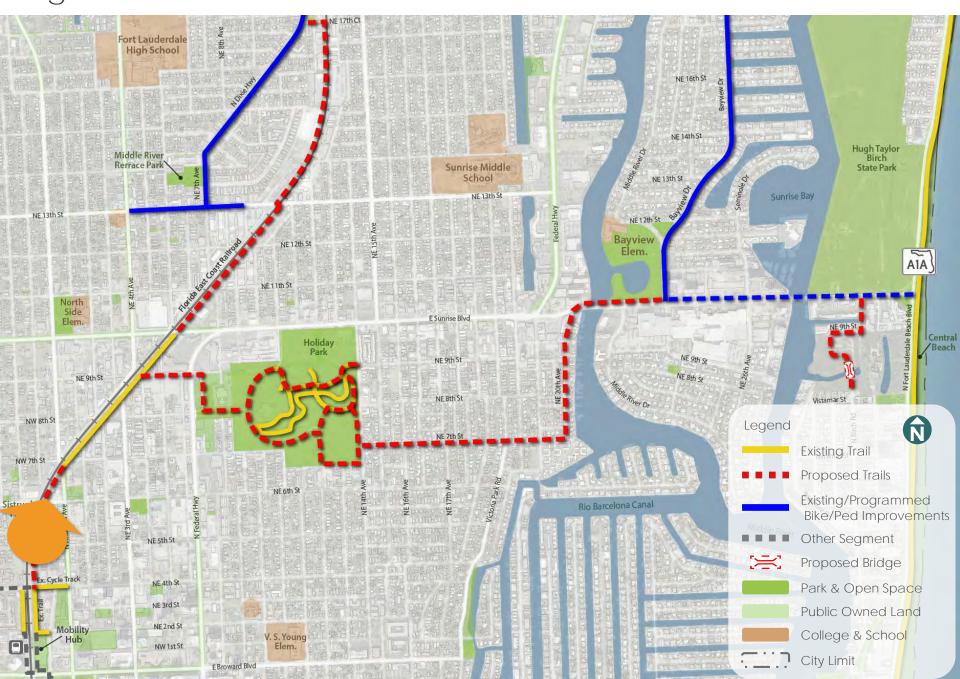
1.1 – 5th to 6th St



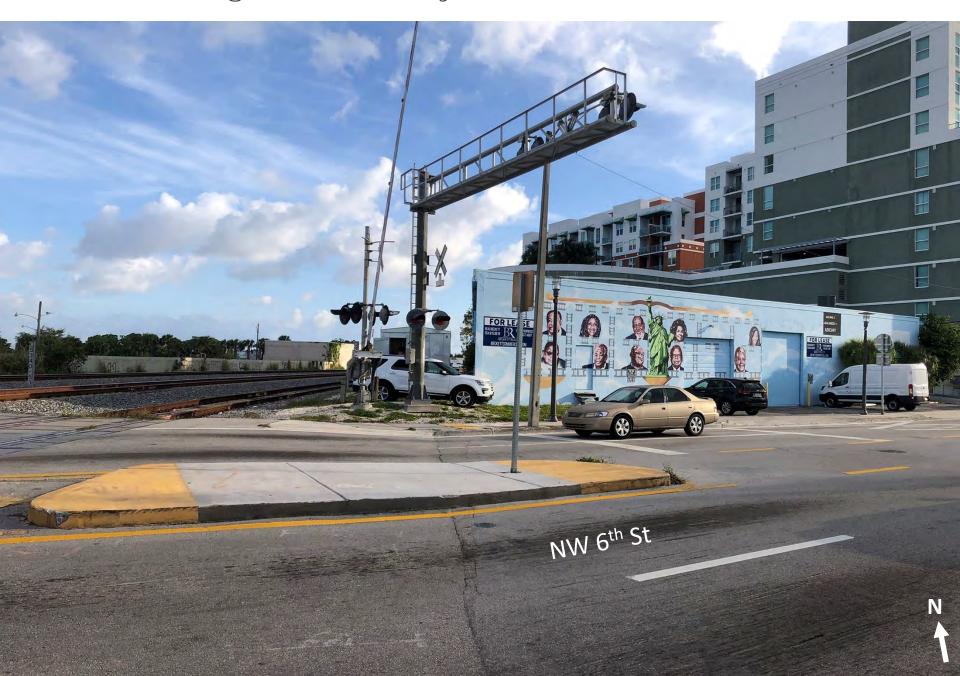
1.1 – 5th to 6th St



Segment 1 - Northside Trail



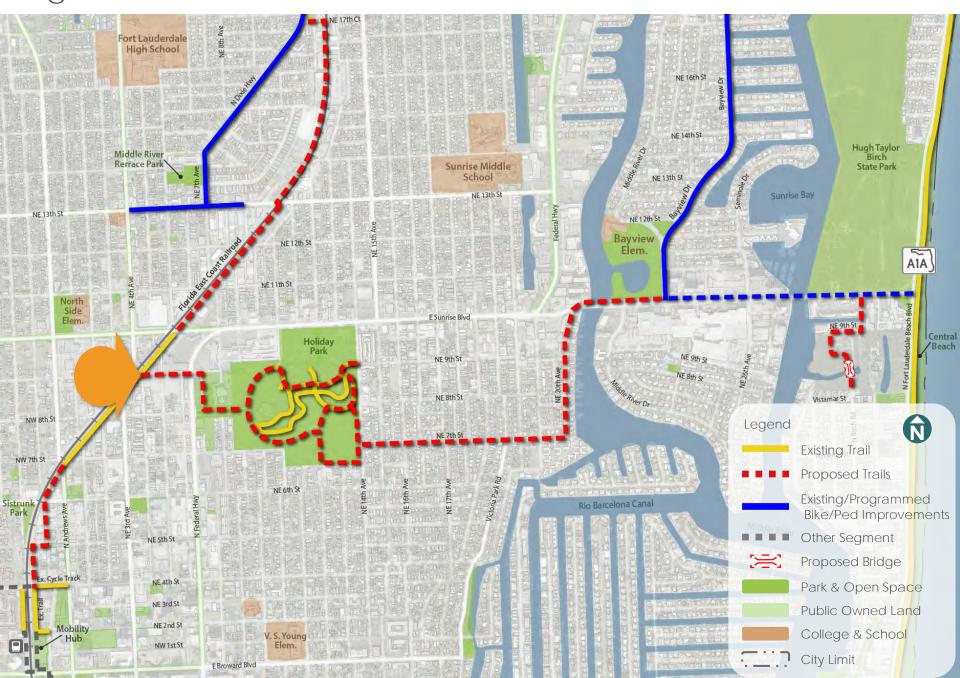
1.2 – North Flagler Greenway at NE 6th St



1.2 – North Flagler Greenway at NE 6th St



Segment 1 - Northside Trail



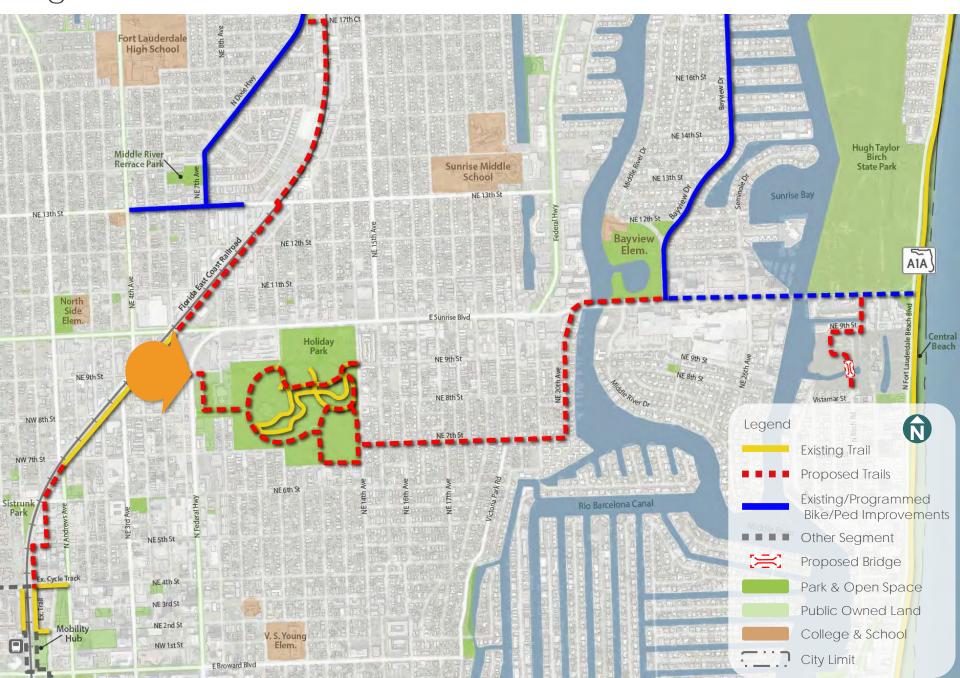
1.3 – Flagler Greenway - NE 9th St



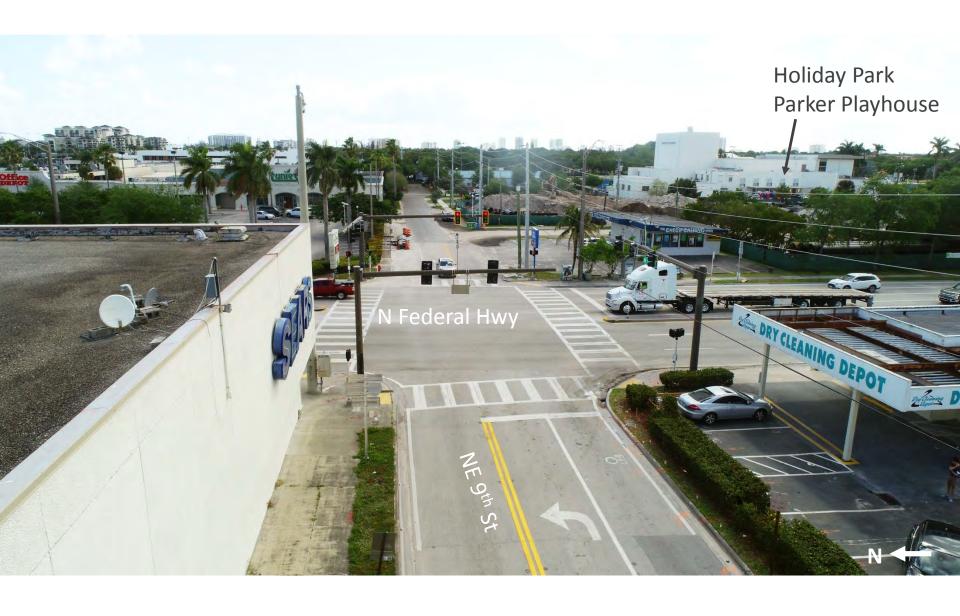
1.3 – Flagler Greenway - NE 9th St



Segment 1 - Northside Trail



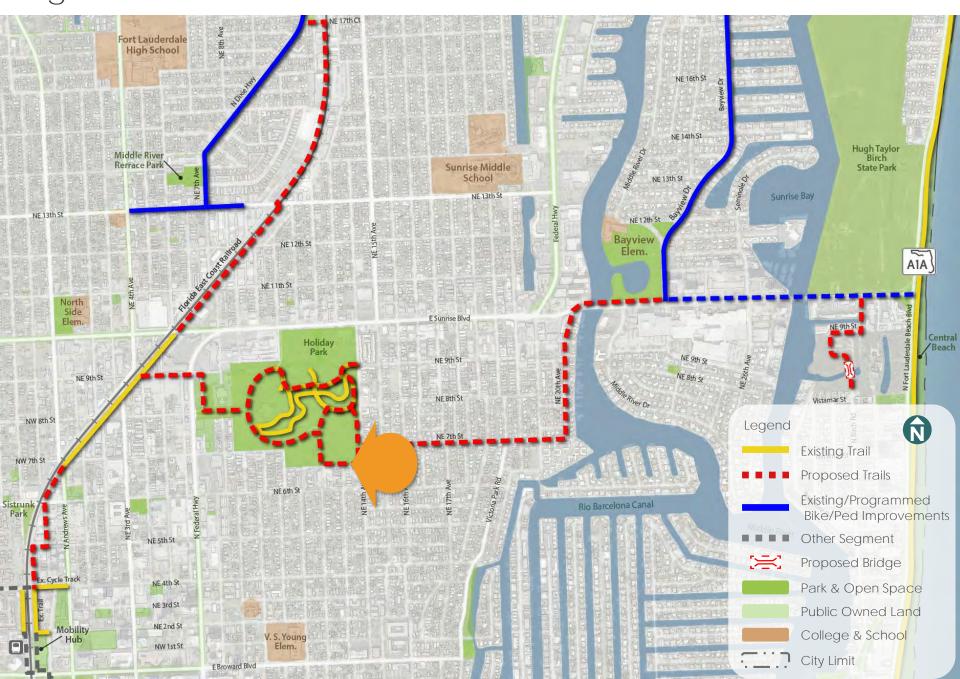
1.4 – NE 9th St – Holiday Park



1.4 – NE 9th St – Holiday Park



Segment 1 - Northside Trail



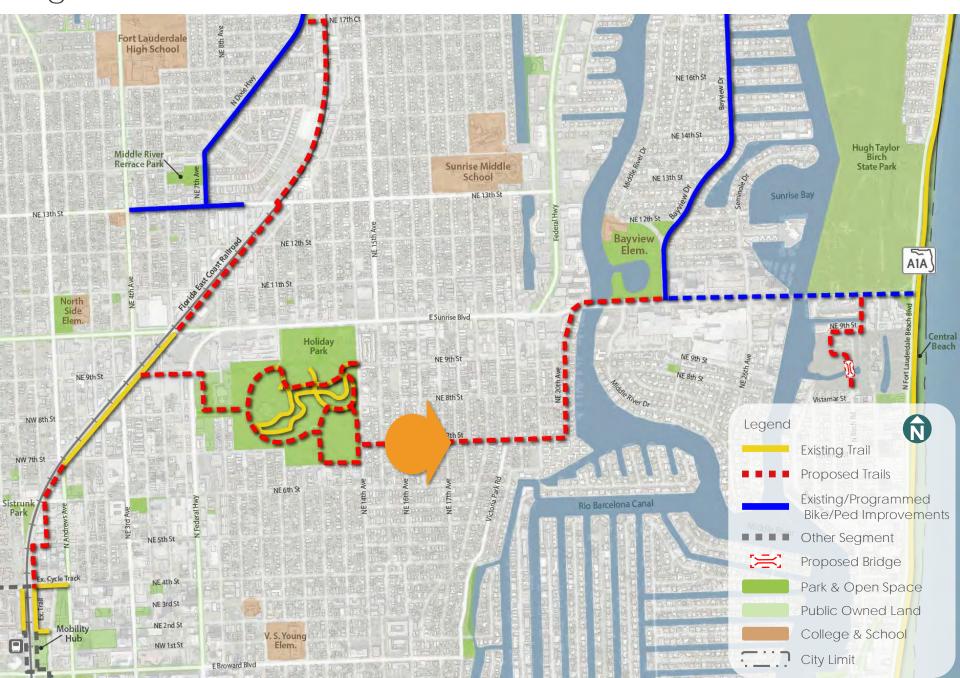
1.5 - Holiday Park Trail Improvements



1.5 - Holiday Park Trail Improvements



Segment 1 - Northside Trail



1.6 – NE 7th St Neighborhood Greenway



1.6 – NE 7th St Neighborhood Greenway



LauderTrail Master Plan

Segment 2: Westside Loop

Legend

Programmed Bike/Ped Improvements

Suggested Bike/Ped Improvements

Existing Trails

Programmed Trails

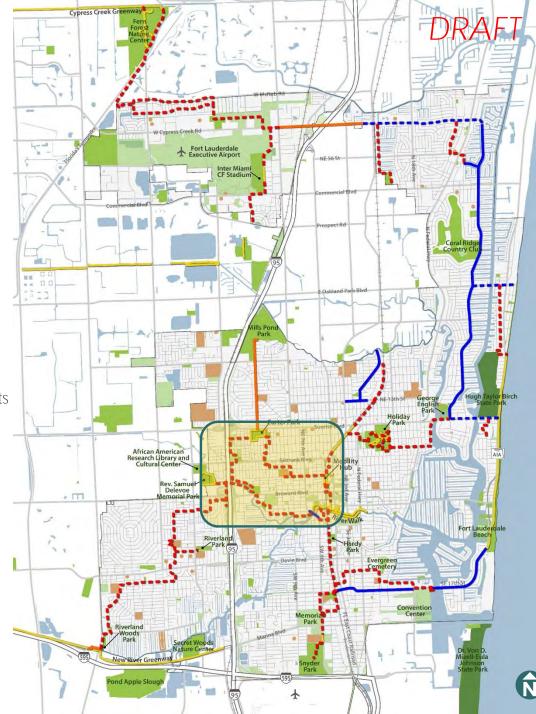
Proposed Trails

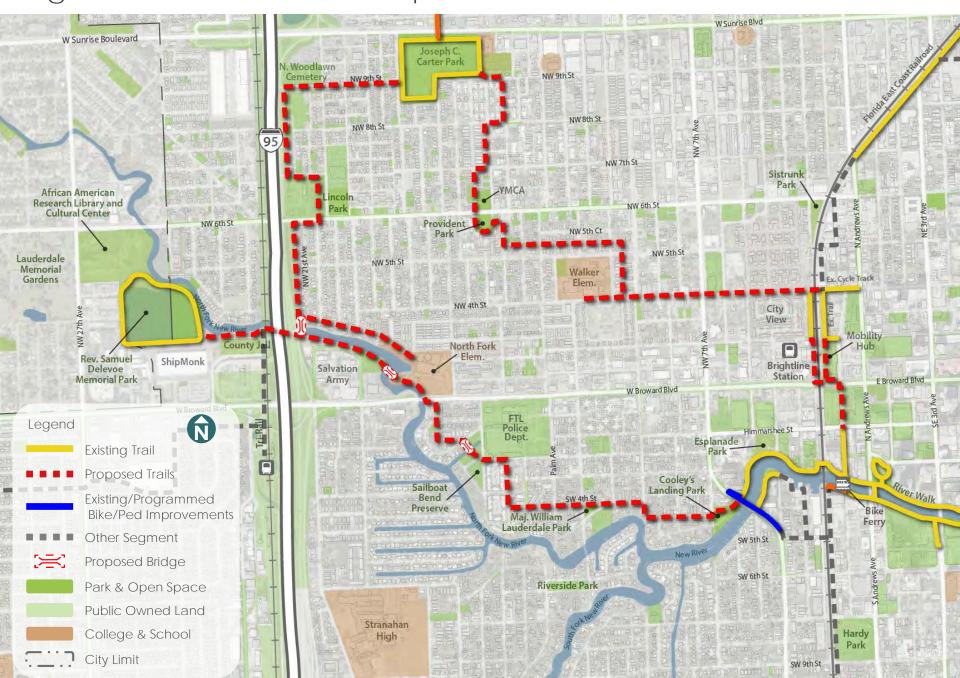
Parks & Open Spaces

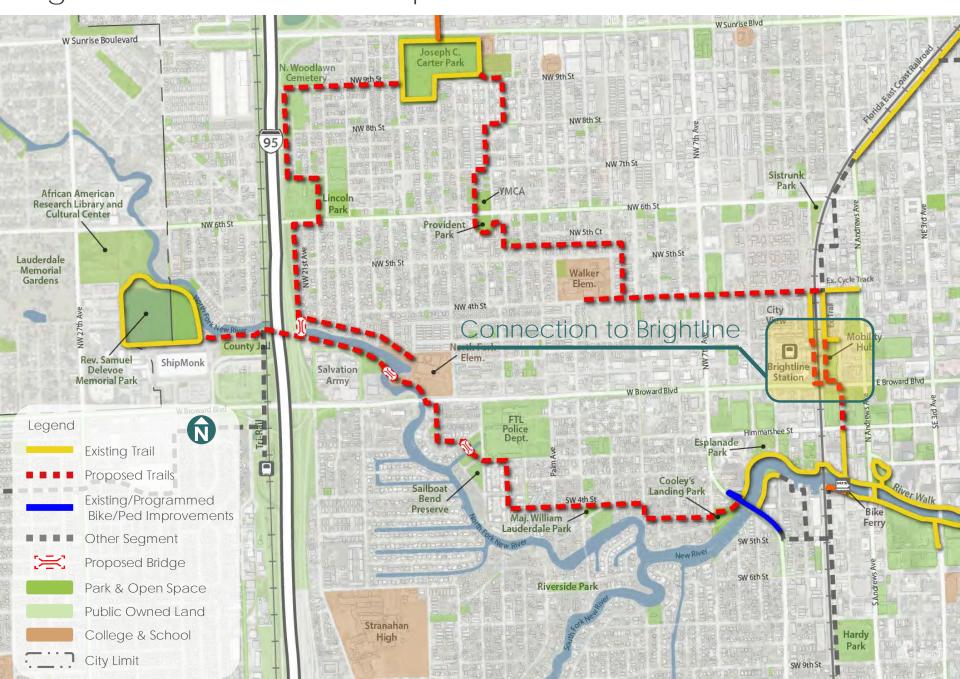
Public owned land

Colleges & Schools

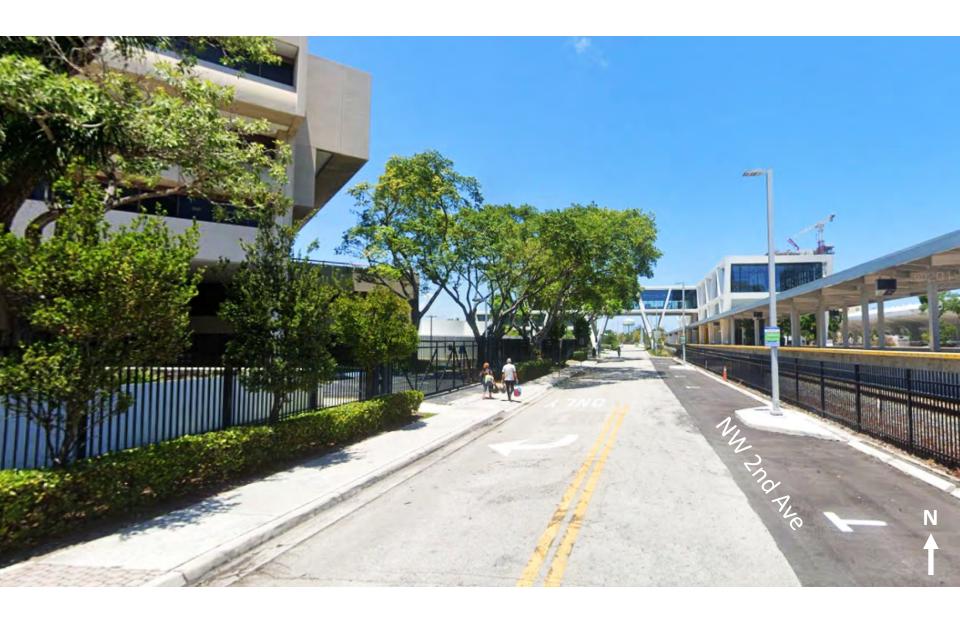
City of Fort Lauderdale Limit





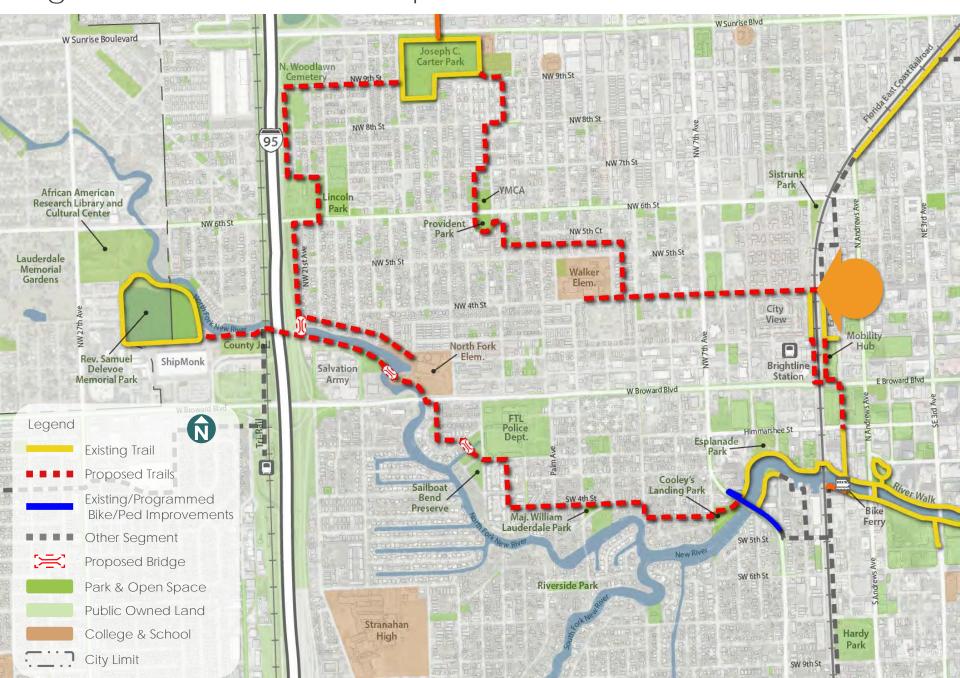


2.1 - Connection to Brightline Station



2.1 - Connection to Brightline Station





2.2 – NW 4th St. Buffered Cycle Track

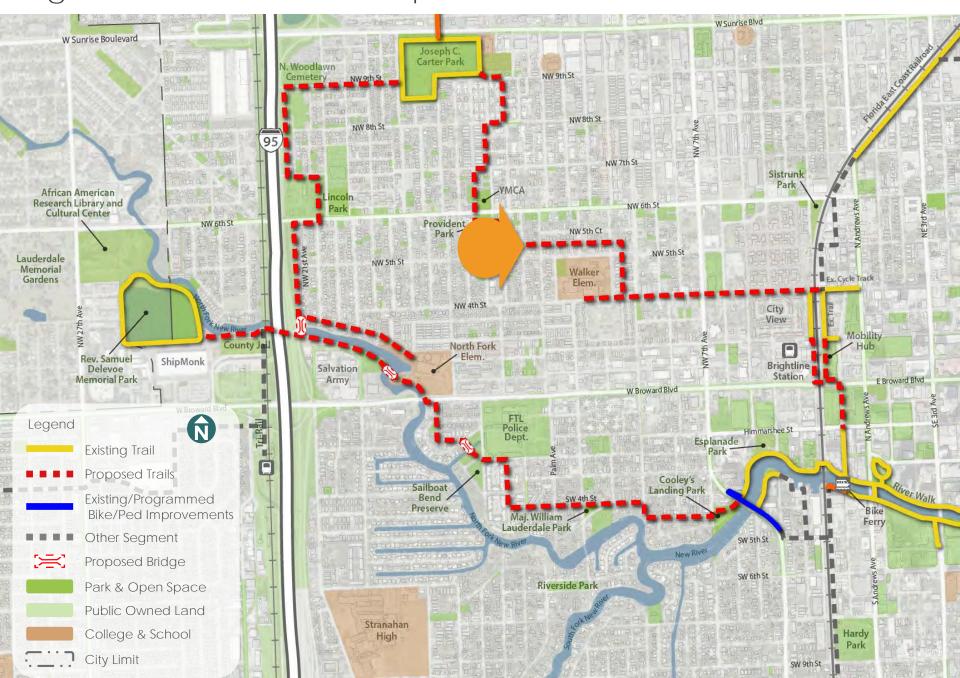


2.2 – NW 4th St. Buffered Cycle Track



2.2 – NW 4th St. Buffered Cycle Track



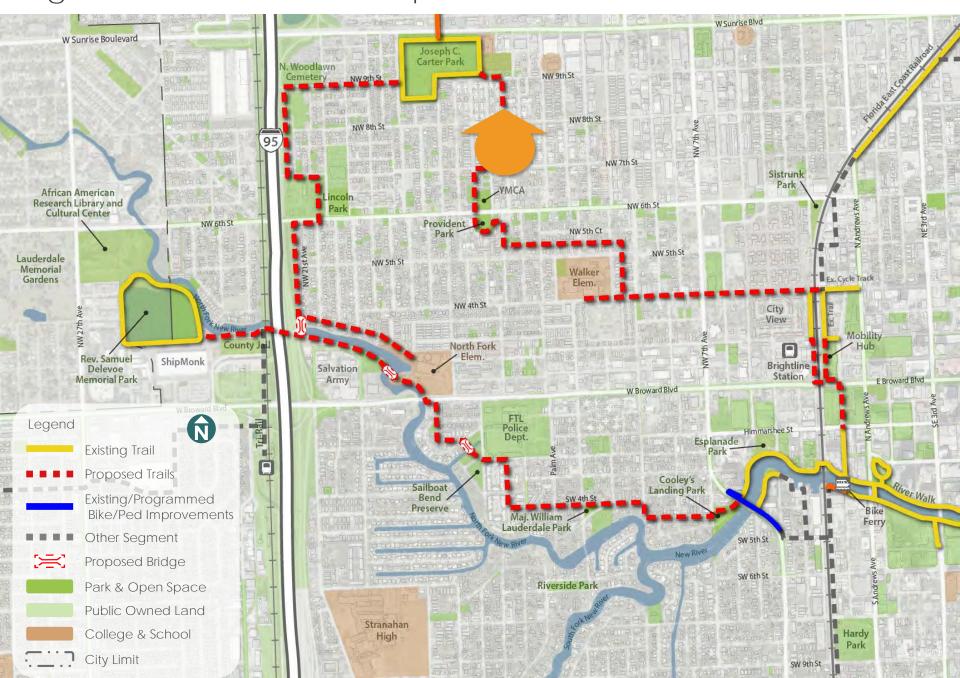


2.3 – Proposed green alley between NW 5th St and 5th Ct



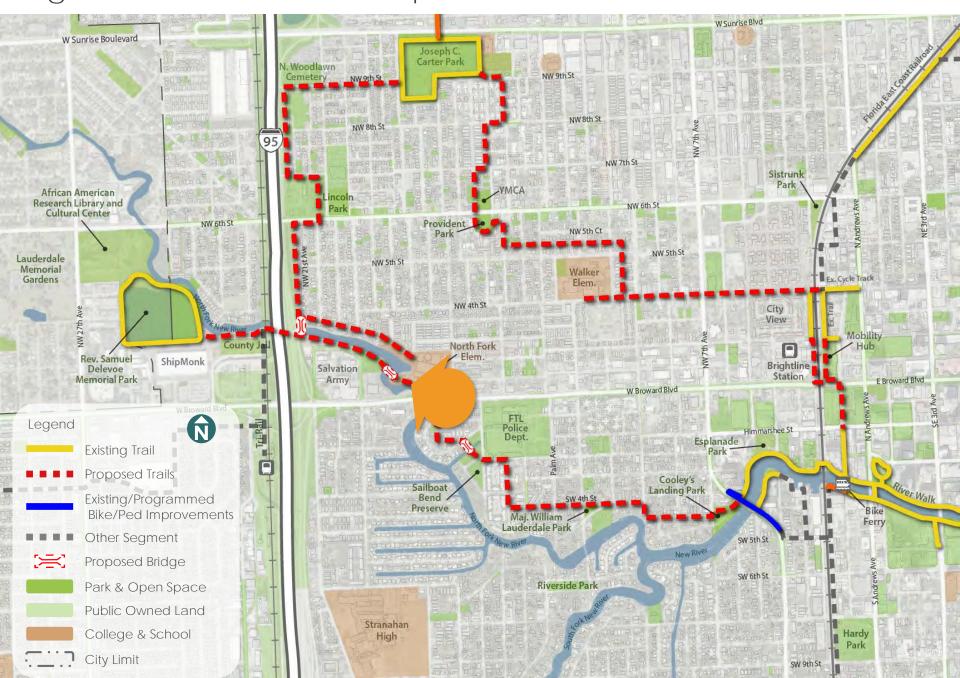
2.3 – Proposed green alley between NW 5th St and 5th Ct





2.4 - Proposed trail on NW 13th Terrace

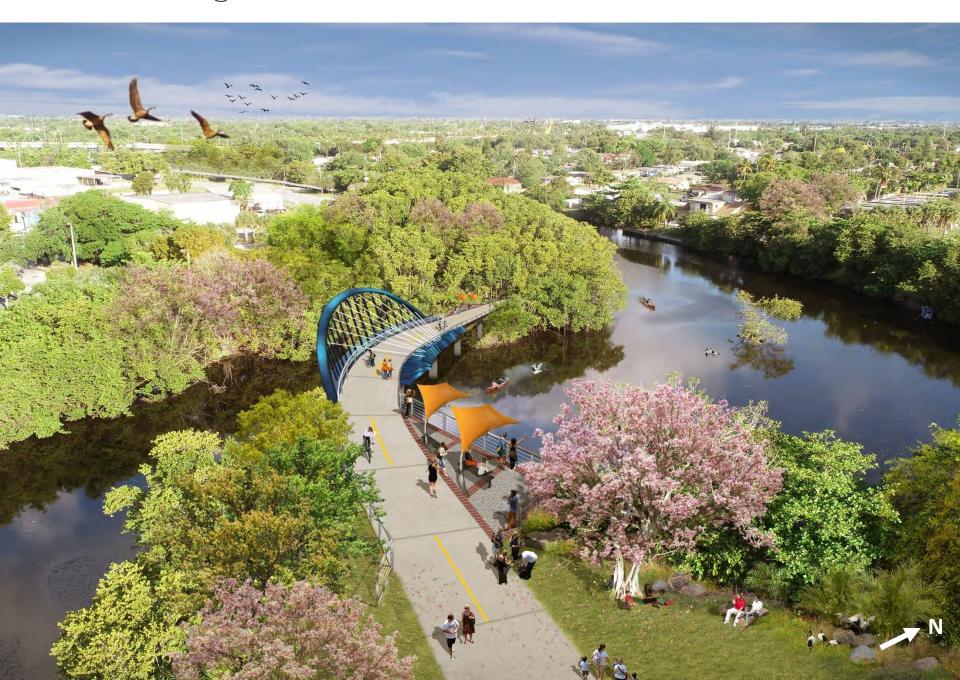


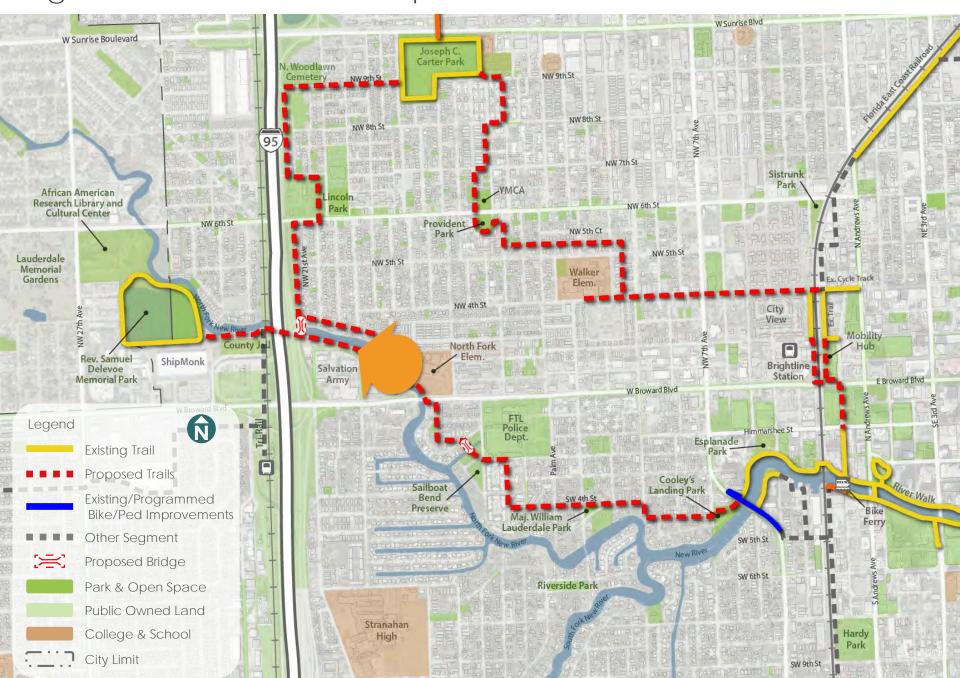


2.6 – Trail Bridge over North Fork New River



2.6 – Trail Bridge over North Fork New River

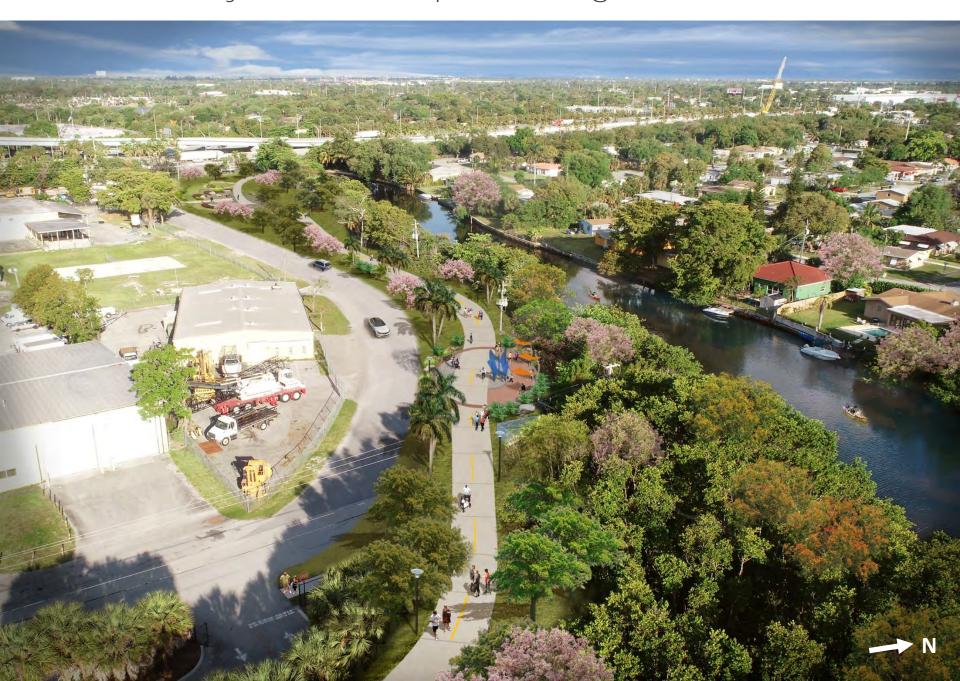


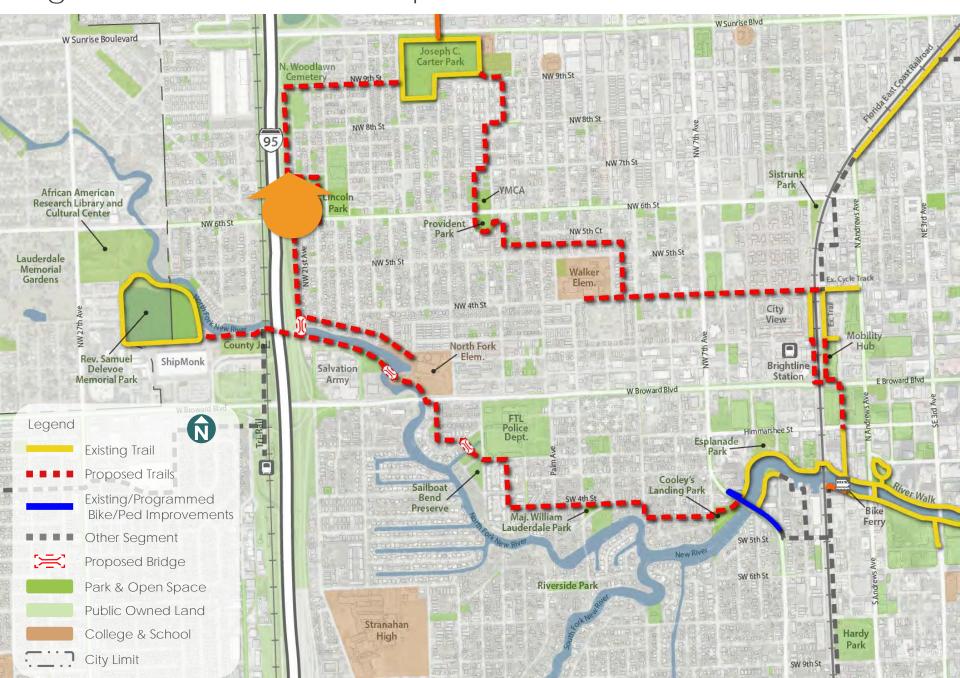


2.7 - Greenway Trail & Park Space along North Fork New River



2.7 - Greenway Trail & Park Space along North Fork New River





2.8 – Trail along FDOT ROW corridor



2.8 – Trail along FDOT ROW corridor



LauderTrail Master Plan

Segment 3: Southside Trail

Legend

Programmed Bike/Ped Improvements

Suggested Bike/Ped Improvements

Existing Trails

Programmed Trails

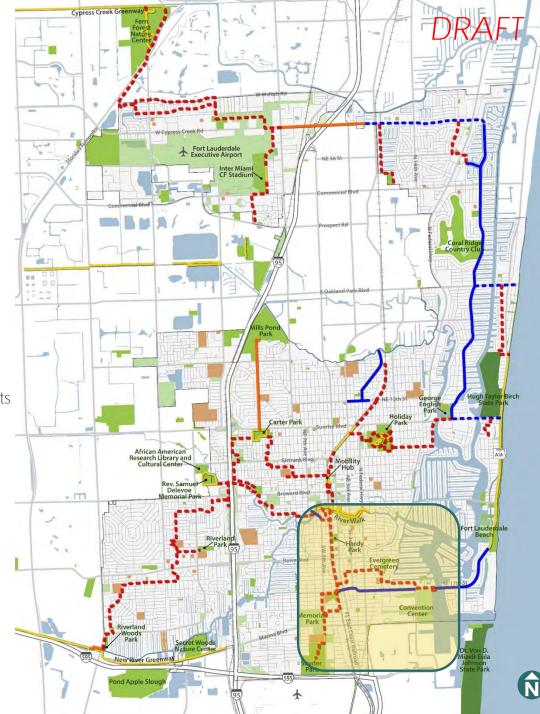
Proposed Trails

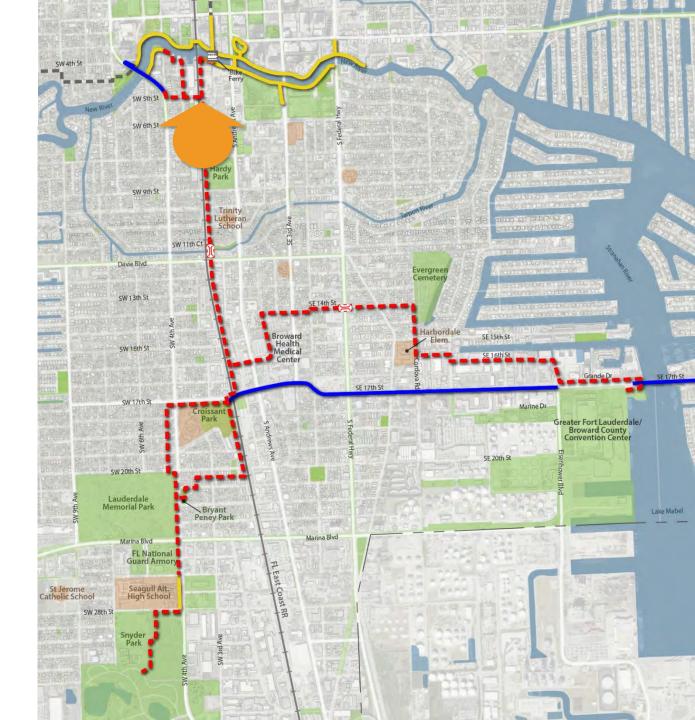
Parks & Open Spaces

Public owned land

Colleges & Schools

City of Fort Lauderdale Limit

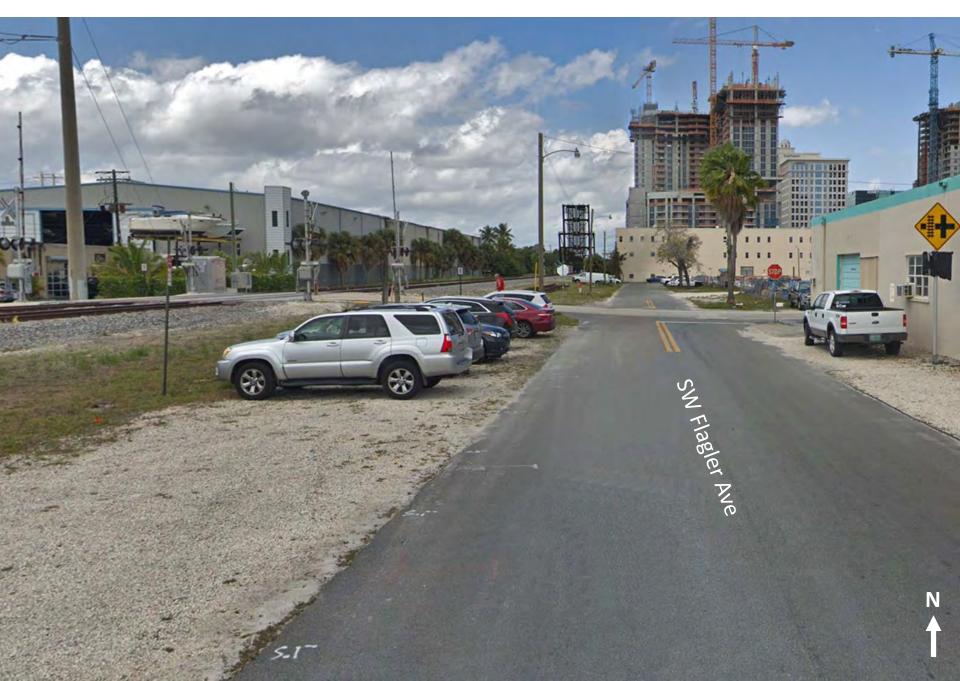




3.1 – South Riverwalk Extension

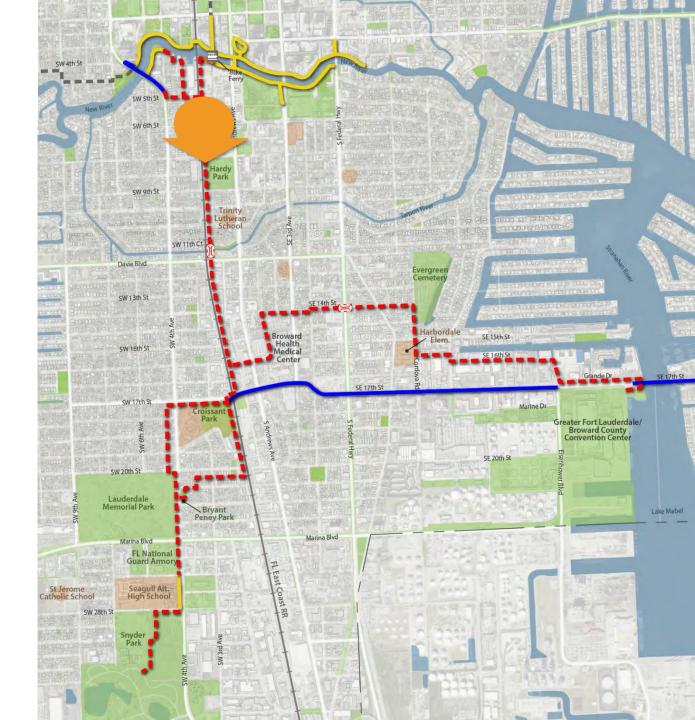


3.2 – South Riverwalk to SW 7th St



3.2 – South Riverwalk to SW 7th St



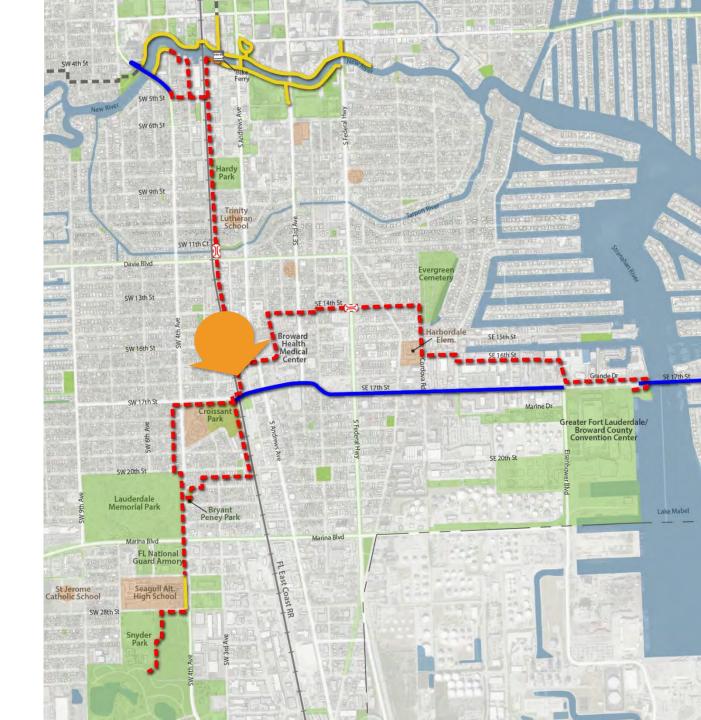


3.3 – Southside Trail at Hardy Park



3.3 – Southside Trail at Hardy Park



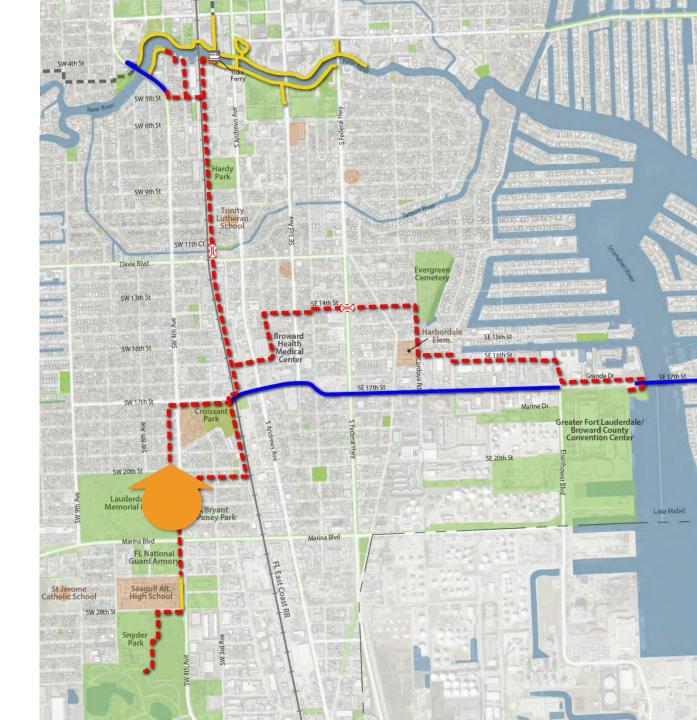


3.4 – Southside Trail to SW 17th St



3.4 – Southside Trail to SW 17th St



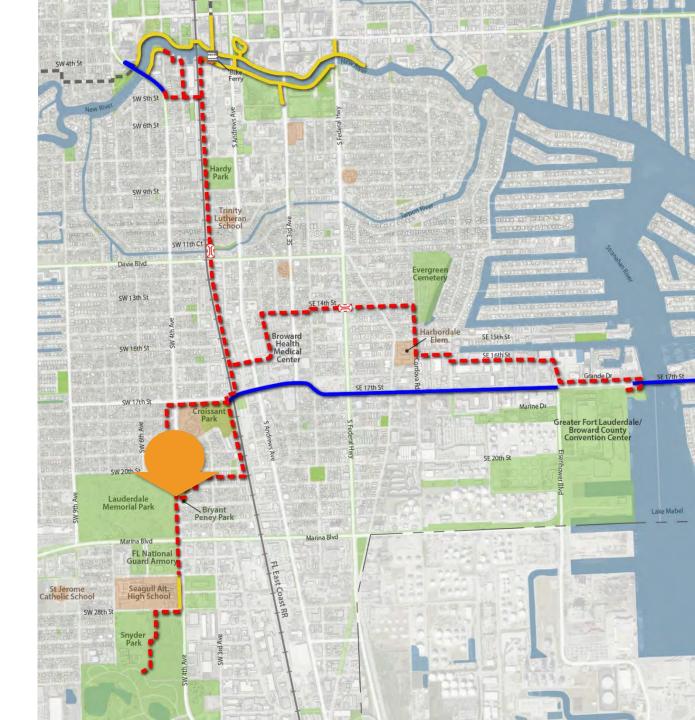


3.5 – Proposed green alley between SW 4th and 6th Ave



3.5 – Proposed green alley between SW 4th and 6th Ave



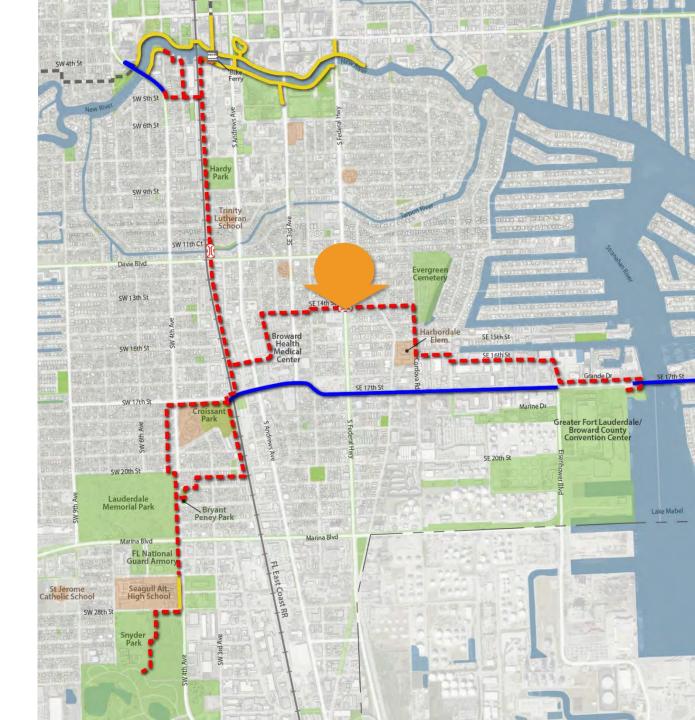


3.6 - Trail crossing over SW 4th Ave. with Pedestrian Activated signal (HAWK)



3.6 - Trail crossing over SW 4th Ave. with Pedestrian Activated signal (HAWK)

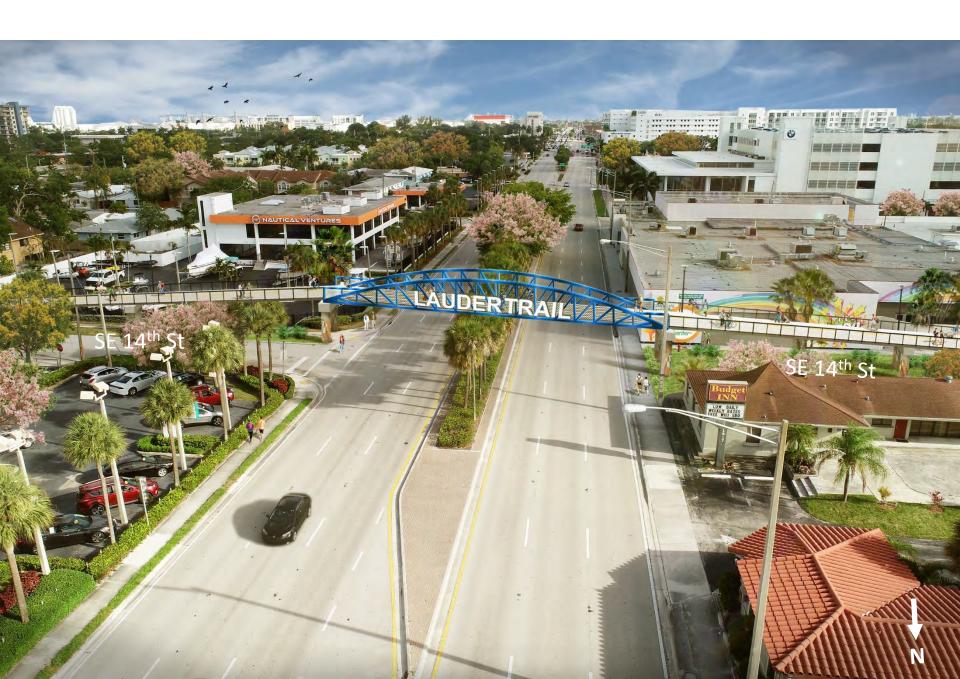




3.7 - Broward Health to Convention Center



3.7 - Broward Health to Convention Center



Example: Trail bridge over State Highway



LauderTrail Master Plan

Segment 4: Southwest Connector

Legend

Programmed Bike/Ped Improvements

Suggested Bike/Ped Improvements

Existing Trails

Programmed Trails

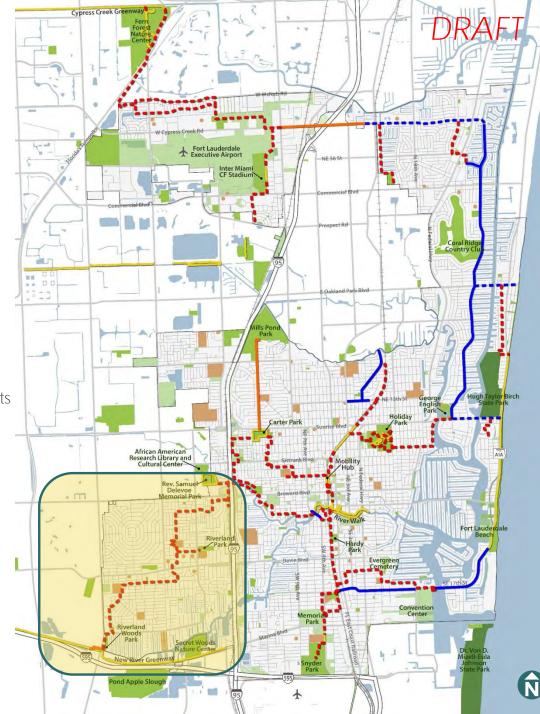
Proposed Trails

Parks & Open Spaces

Public owned land

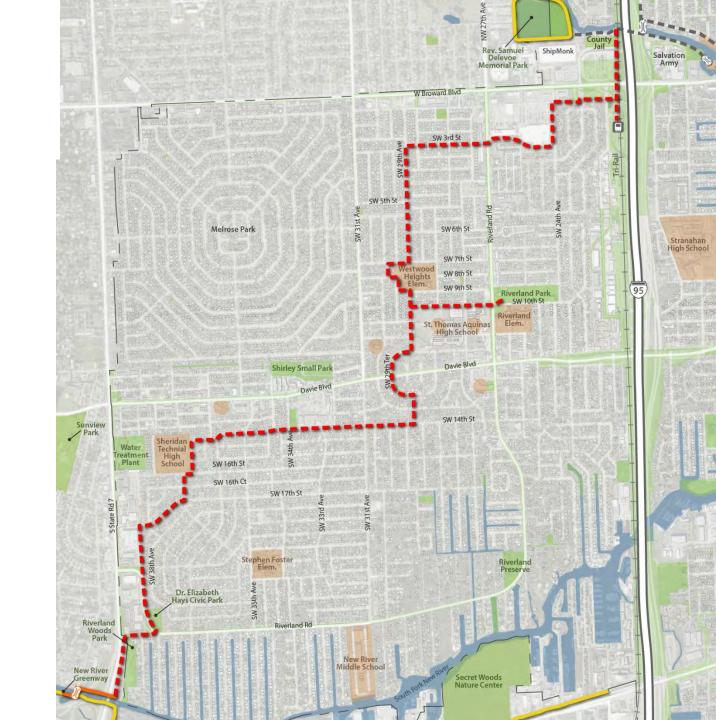
Colleges & Schools

City of Fort Lauderdale Limit



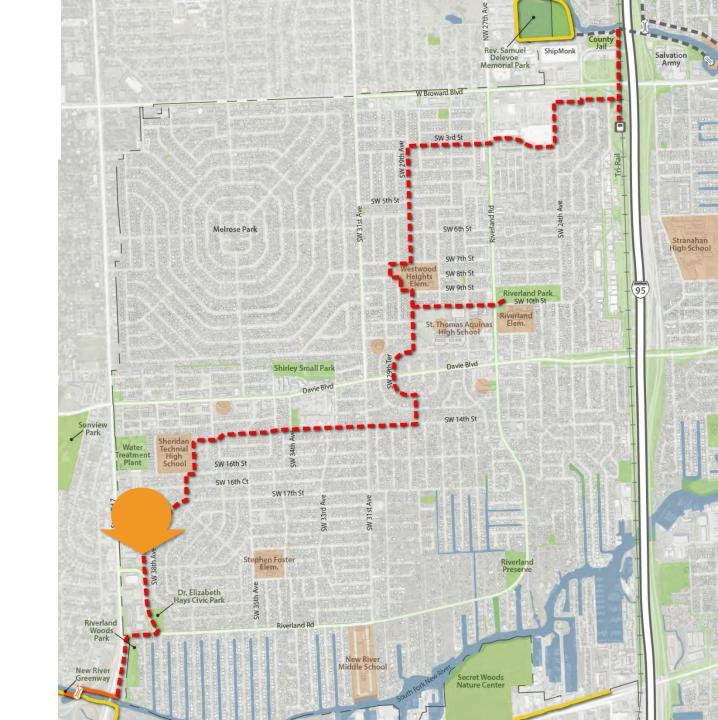
Segment 4 – Southwest Connector





Segment 4 – Southwest Connector Phases

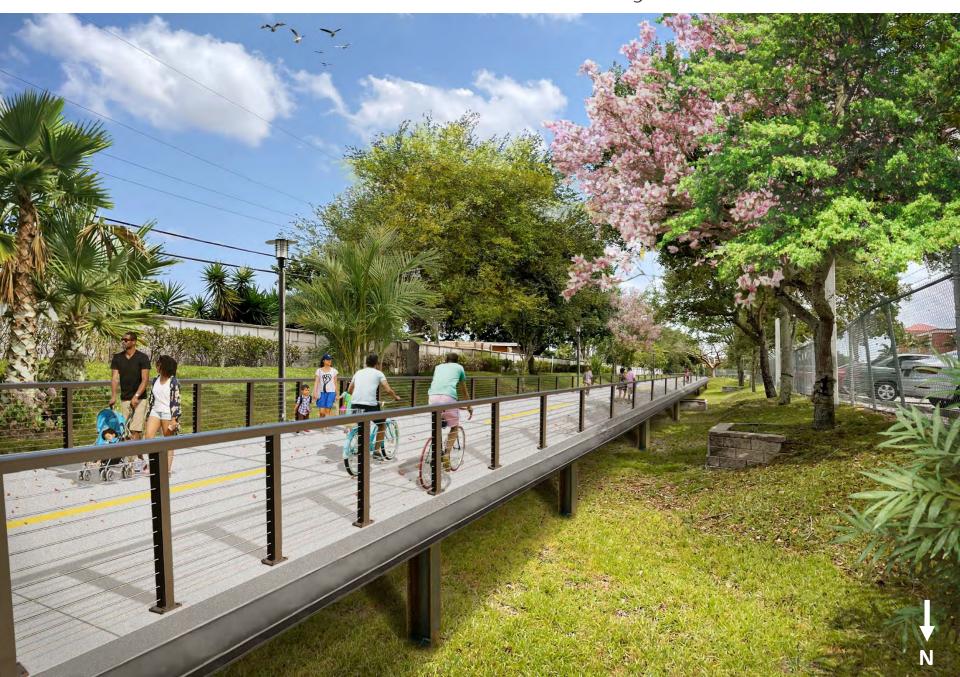




4.1 – Riverland Rd to SW 17th St Greenway

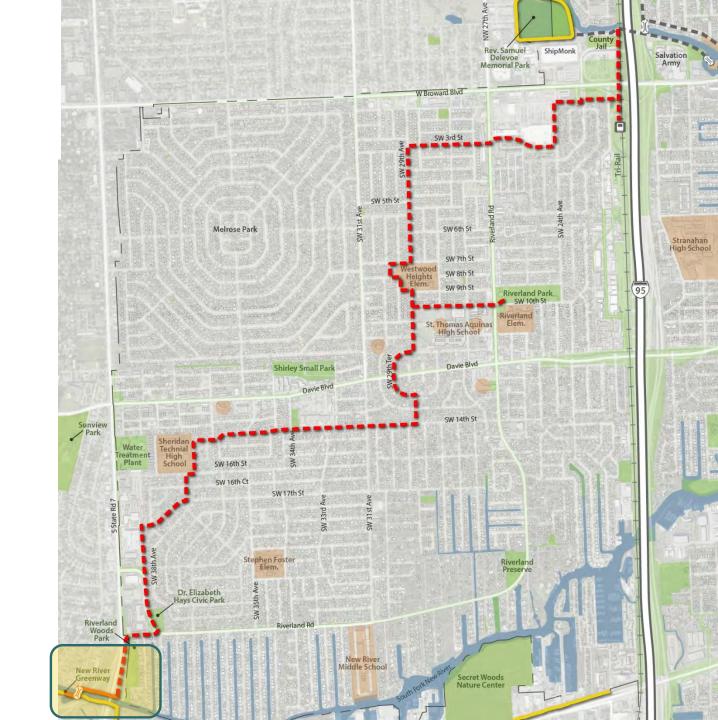


4.1 – Riverland Rd to SW 17th St Greenway

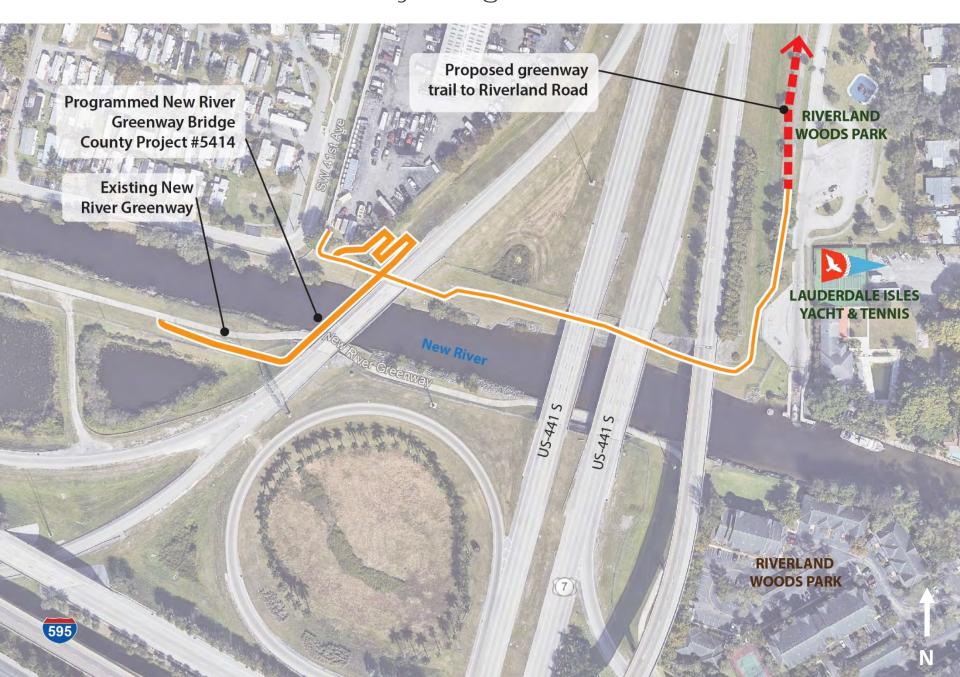


Segment 4 – Southwest Connector Phases





4.2 - New River Greenway Bridge to Riverland Woods Park



LauderTrail Master Plan

Segment 5: Northwest Connector

Legend

Programmed Bike/Ped Improvements

Suggested Bike/Ped Improvements

Existing Trails

Programmed Trails

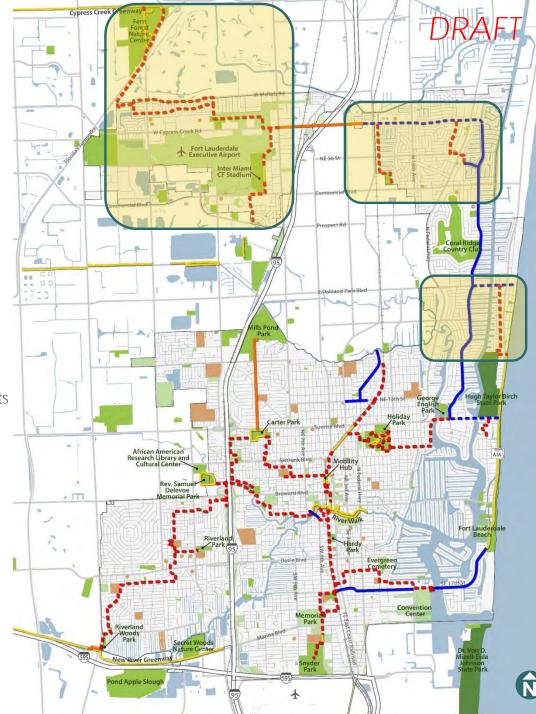
Proposed Trails

Parks & Open Spaces

Public owned land

Colleges & Schools

City of Fort Lauderdale Limit



Segment 5 – Northwest Connector

Legend



Existing Trails

Programmed Trails

■■■ Proposed Trails

Suggested Bike/Ped Improvements

Existing/Programmed
Bike/Ped Improvements

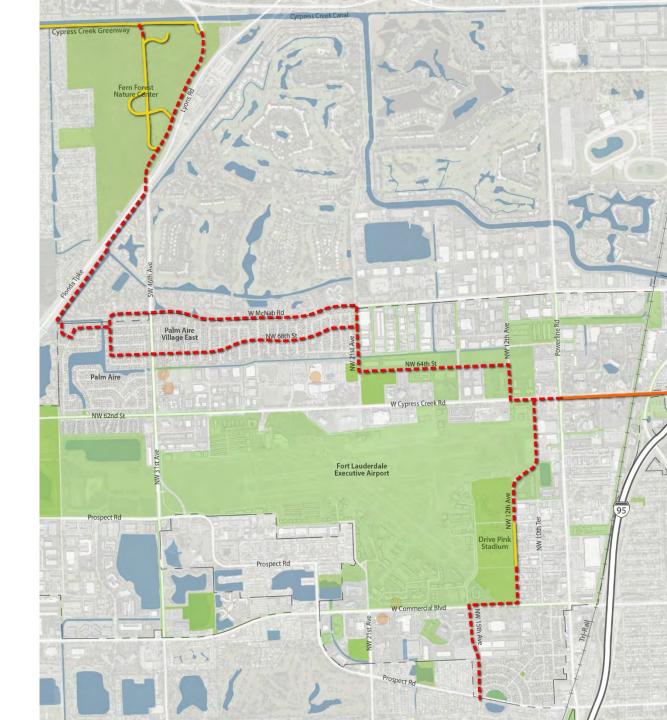
Other Segment

Park & Open Space

Public Owned Land

College & School

City Limit



Segment 5 – Northwest Connector

Legend



Existing Trails

Programmed Trails

■ ■ Proposed Trails

Suggested Bike/Ped Improvements

Existing/Programmed
Bike/Ped Improvements

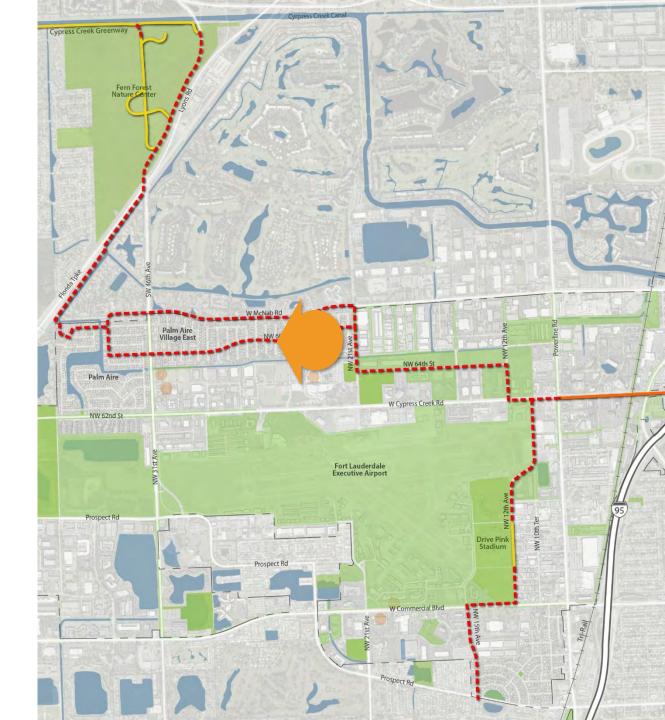
Other Segment

Park & Open Space

Public Owned Land

College & School

City Limit



5.1 – NW Neighborhood Greenway



5.1 – NW Neighborhood Greenway



Segment 5 – Northwest Connector

Legend



Existing Trails

Programmed Trails

■ ■ Proposed Trails

Suggested Bike/Ped Improvements

Existing/Programmed
Bike/Ped Improvements

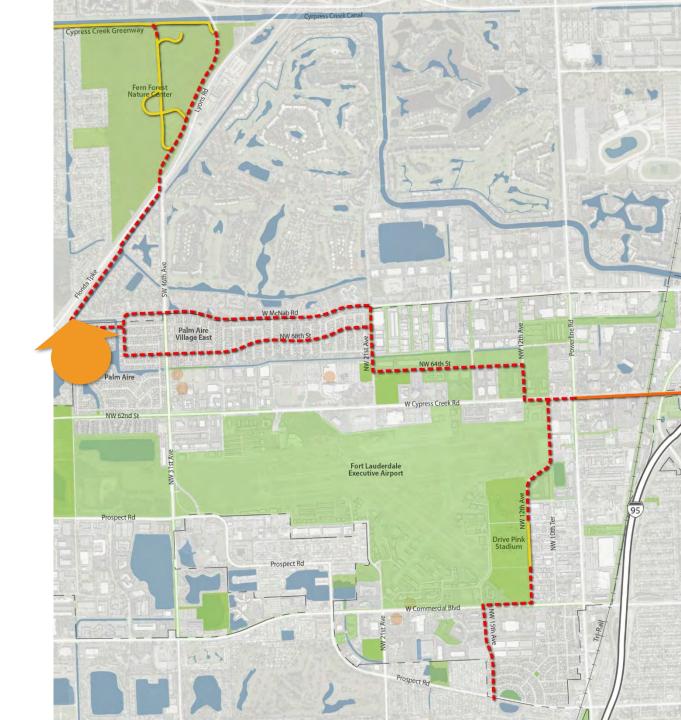
Other Segment

Park & Open Space

Public Owned Land

College & School

City Limit



5.2 – Florida Turnpike Greenway



5.2 – Florida Turnpike Greenway



Segment 5 – Northwest Connector

Legend



Existing Trails

Programmed Trails

■■■ Proposed Trails

Suggested Bike/Ped Improvements

Existing/Programmed
Bike/Ped Improvements

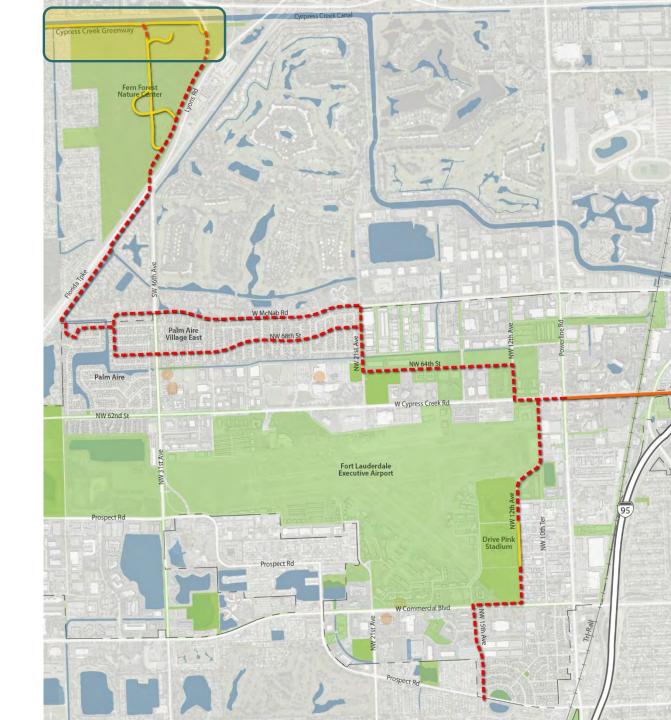
Other Segment

Park & Open Space

Public Owned Land

College & School

City Limit



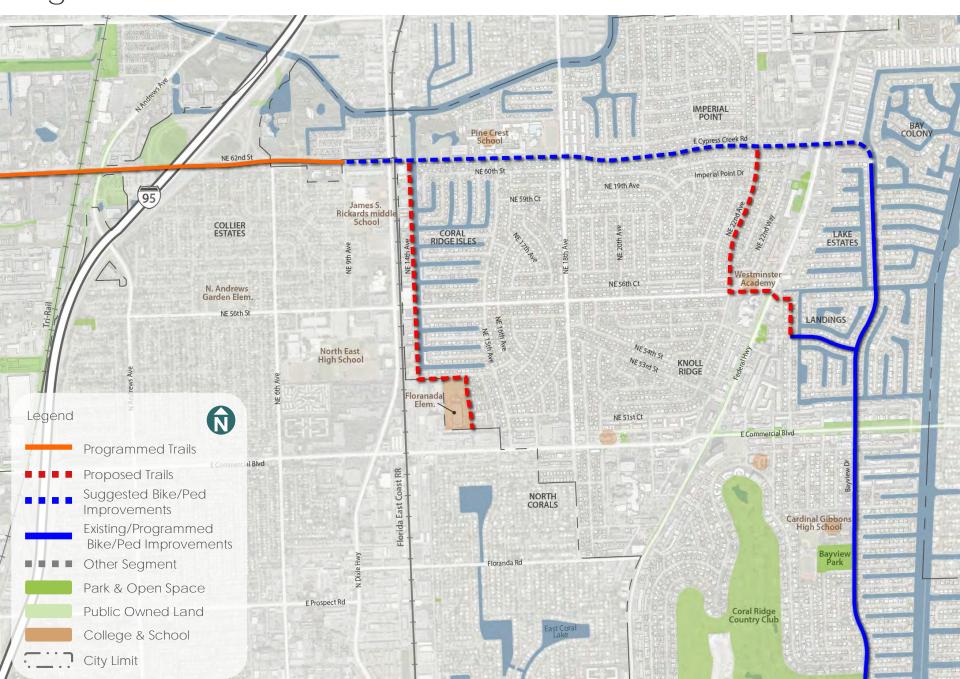
5.3 – Cypress Creek Greenway



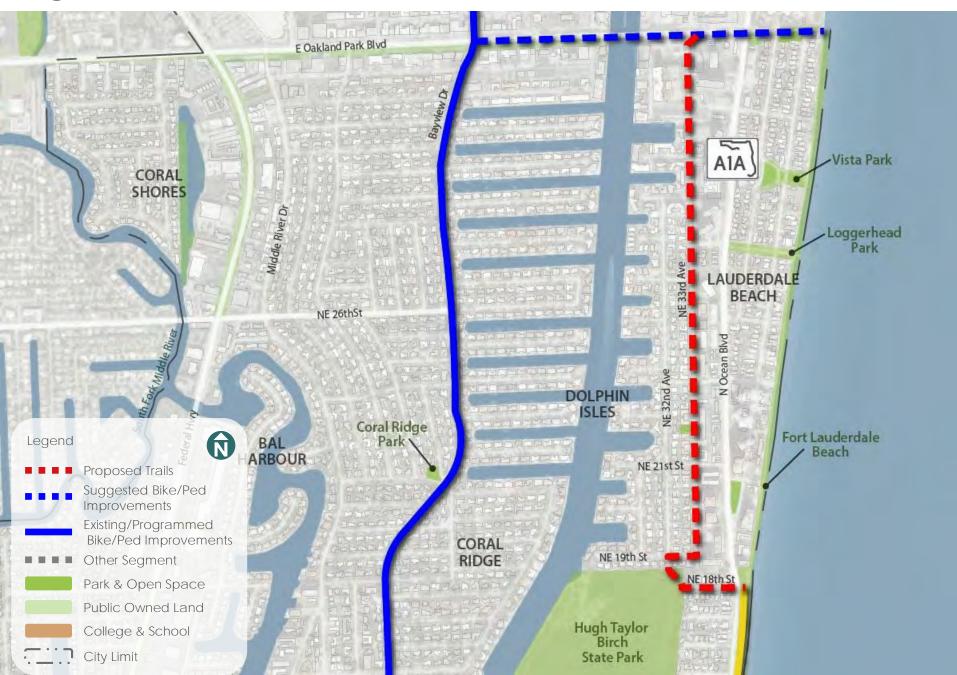
5.3 – Cypress Creek Greenway



Segment 5 - Northwest Connector



Segment 5 - Northwest Connector



LauderTrail Master Plan

Legend

Programmed Bike/Ped Improvements

Suggested Bike/Ped Improvements

Existing Trails

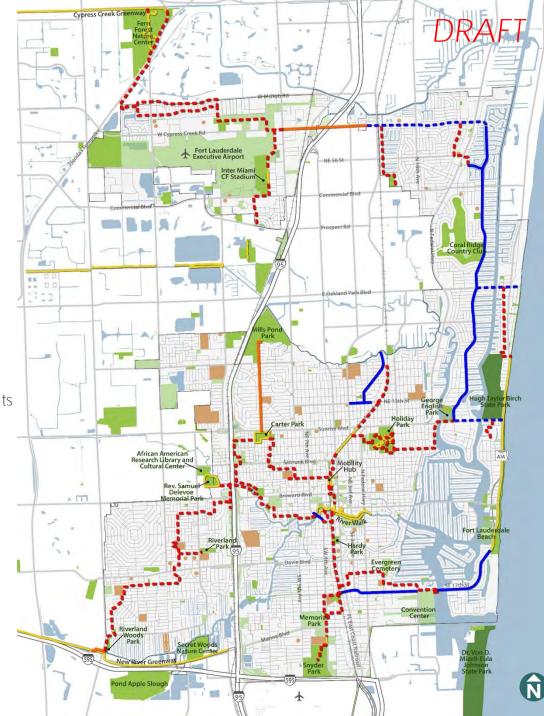
Programmed Trails

Proposed Trails

Parks & Open Spaces

Public owned land

Colleges & Schools



Recommended Model Project

What Makes a successful model project?

- Demonstrates amenities & design standards
- Worthy stand-alone project
- Minimal acquisition
- City-wide support
- Control over implementation timeframe



Recommended Model Project

Legend

Programmed Bike/Ped Improvements

Suggested Bike/Ped Improvements

Existing Trails

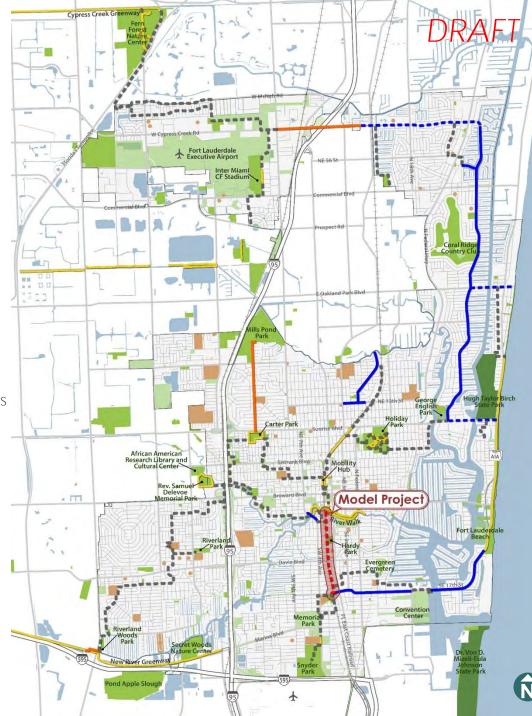
Programmed Trails

Proposed Trails

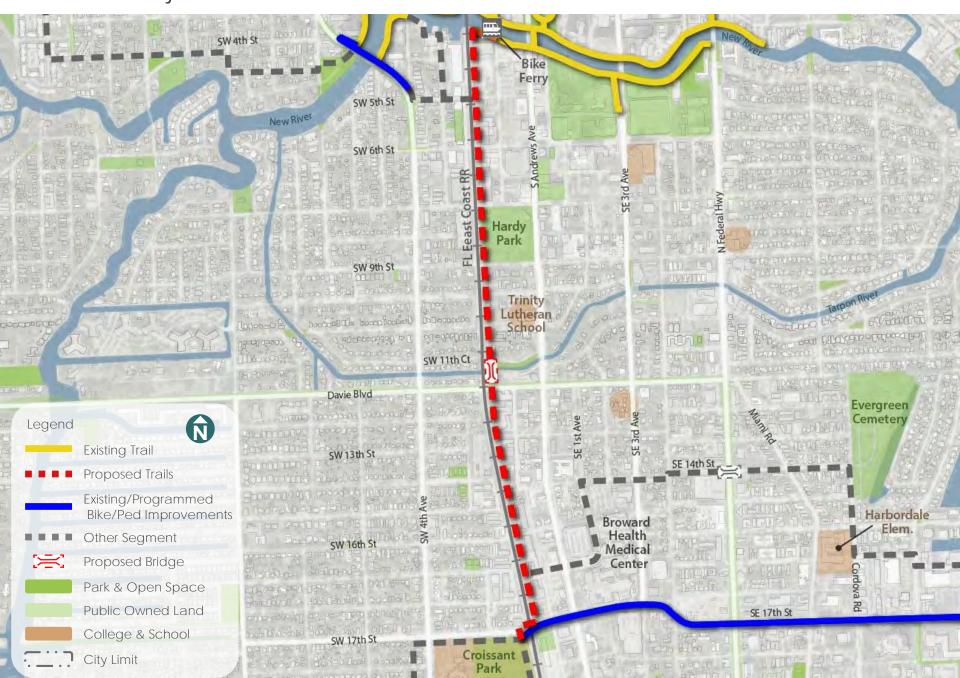
Parks & Open Spaces

Public owned land

Colleges & Schools



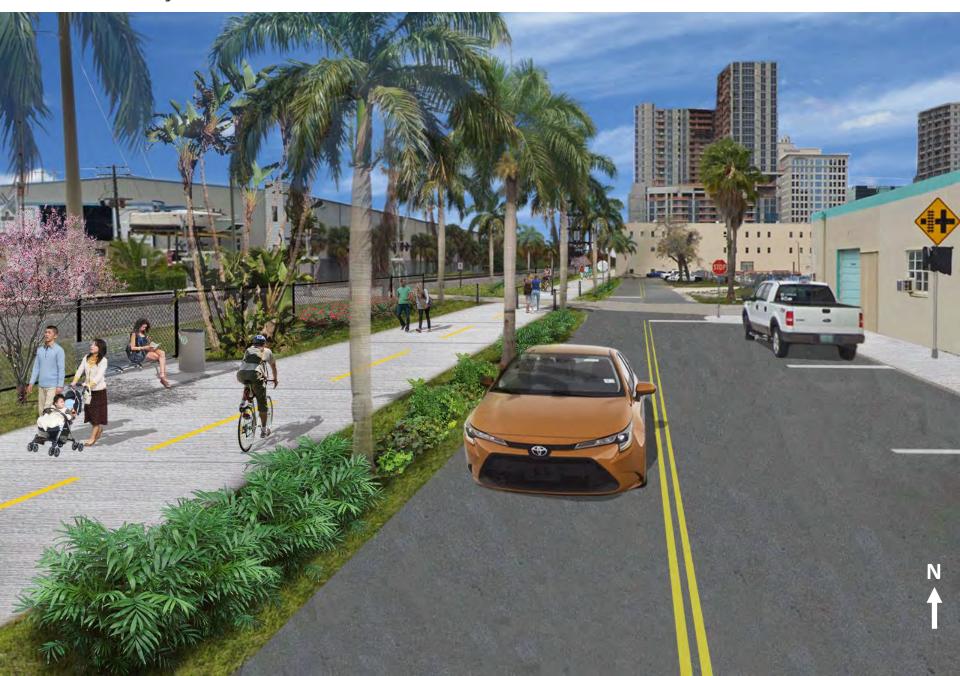
Model Project - South Riverwalk to Croissant Park



Model Project - South Riverwalk Extension



Model Project – South Riverwalk to SW 7th St



Model Project - Southside Trail at Hardy Park



Model Project – Southside Trail to SW 17th St



Recommended Model Project

Total Length 1.3 mi Cost Estimate \$5.7M

Legend

Programmed Bike/Ped Improvements

Suggested Bike/Ped Improvements

Existing Trails

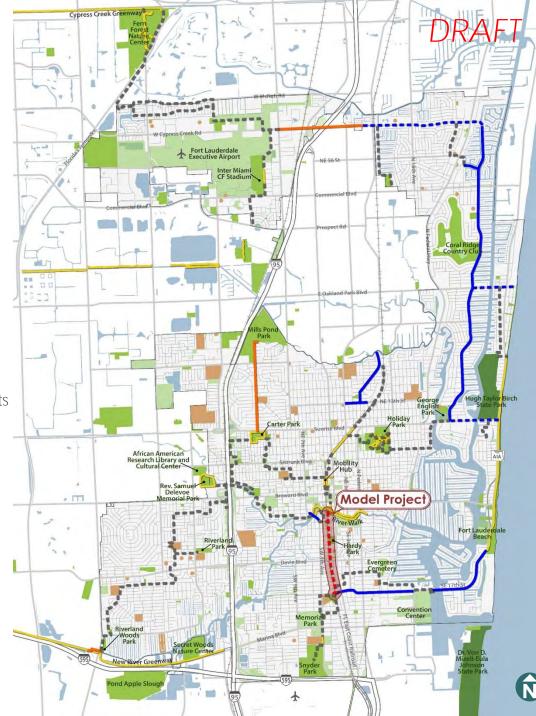
Programmed Trails

Proposed Trails

Parks & Open Spaces

Public owned land

Colleges & Schools



Tier I Implementation Plan

Total Length 11.0 mi Cost Estimate \$37.6M

Legend

Programmed Bike/Ped Improvements

Suggested Bike/Ped Improvements

Existing Trails

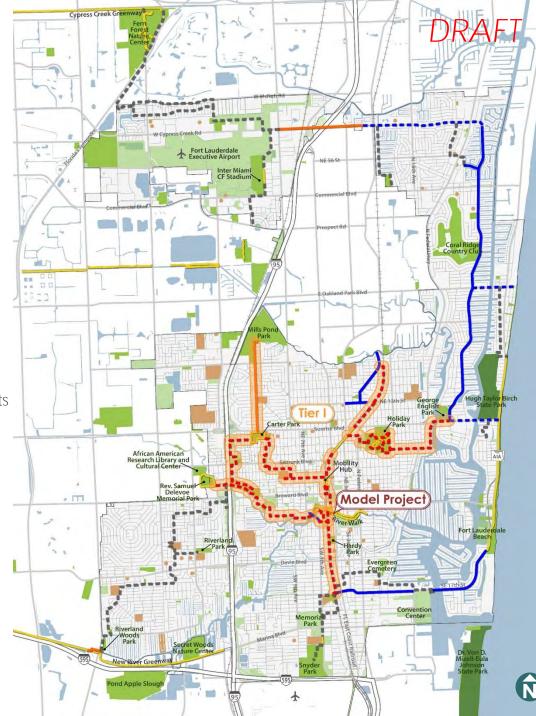
Programmed Trails

Proposed Trails

Parks & Open Spaces

Public owned land

Colleges & Schools



Tier II Implementation Plan

Total Length 19.1 mi Cost Estimate \$47.0M

Legend

Programmed Bike/Ped Improvements

Suggested Bike/Ped Improvements

Existing Trails

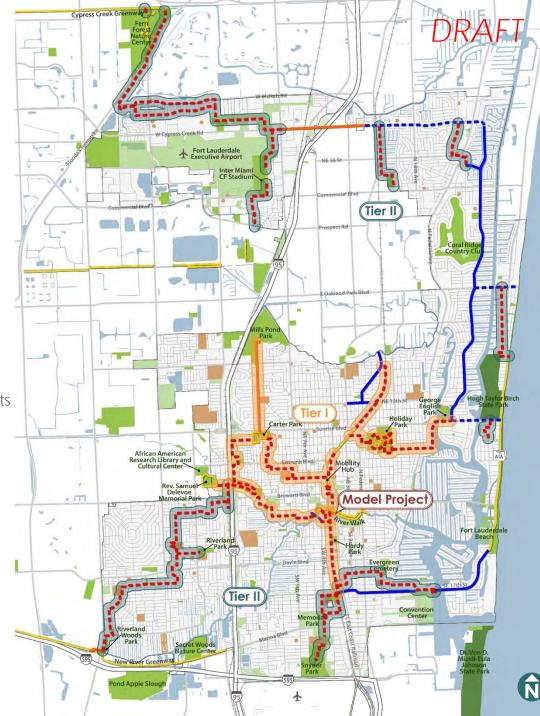
Programmed Trails

Proposed Trails

Parks & Open Spaces

Public owned land

Colleges & Schools



Cost Estimate Methodology

 The cost estimate is generated based on material and labor pricing from Spring 2021.

What's included in the cost estimate:

- Trail Construction per type as described in the Master Plan
- Signage
- Landscape
- Trail Amenities
- Lighting and Security Camera
- Survey + P&E Estimated Fee

What's Not included in the cost estimate:

- Easement and property acquisition costs
- Public arts



LauderTrail Implementation Plan

8 miles Existing trails3 miles Programmed trails31 miles of Proposed trails

Est. \$90M+ for implementation

Total of 42-mile trail system

Connecting

45 Parks

12 Schools

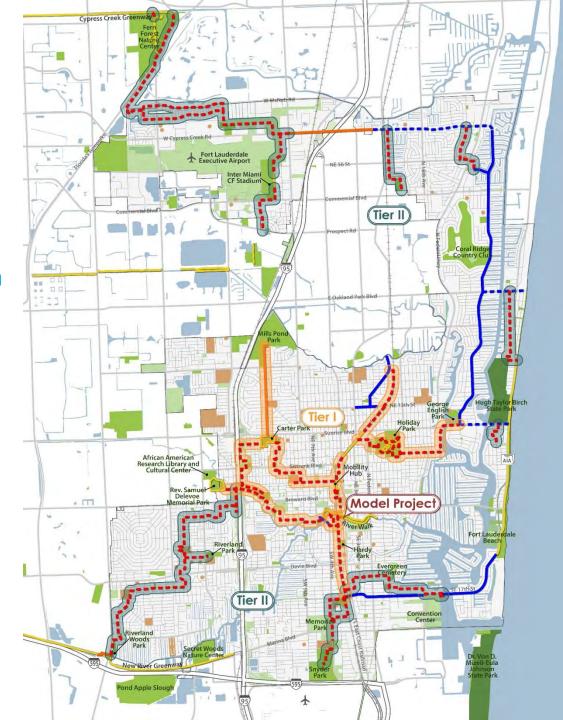
270 Businesses

35 Neighborhoods

2 Railroad Stations

17 Bus Routes

12 Water Taxi Stops



4

Trail Branding Development

Proposed Naming and Logo Options

Concept 1





Concept 2



Concept 3





Selected Logo Options





Symbolism







FOUNDATION

Example of Branding Opportunity



5 What's next?

- Collect public feedback
- Finalize branding and design standards
- Present DRAFT Master Plan report to Advisory Panel
- City Commission Work Session
- Design and build the model project trail segment



6 Questions?









Fort Lauderdale Trail Master Plan

Legend

Programmed Bike/Ped Improvements

Suggested Bike/Ped Improvements

Existing Trails

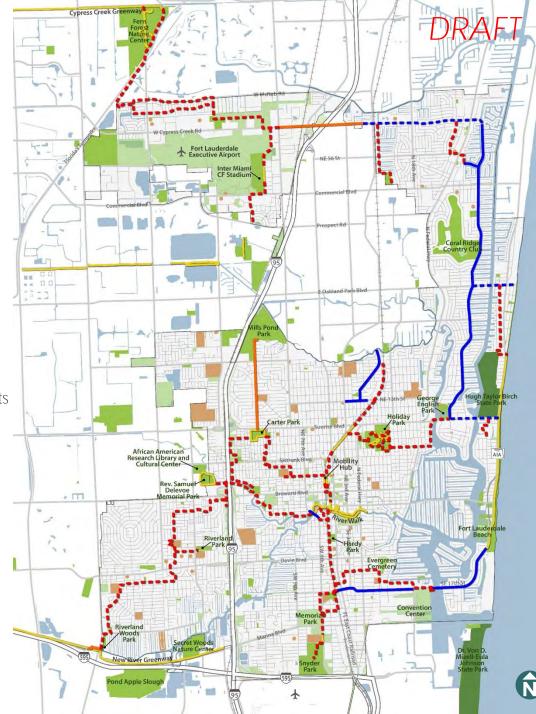
Programmed Trails

Proposed Trails

Parks & Open Spaces

Public owned land

Colleges & Schools



Contact

Nico Shen, PLA nico@pathfoundation.com C: (706) 714-3343

Ed McBrayer, Executive Advisor edwin@pathfoundation.com
C: (404) 213-5150

Greta deMayo, Executive Director greta@pathfoundation.com
C: (404) 234-6327



