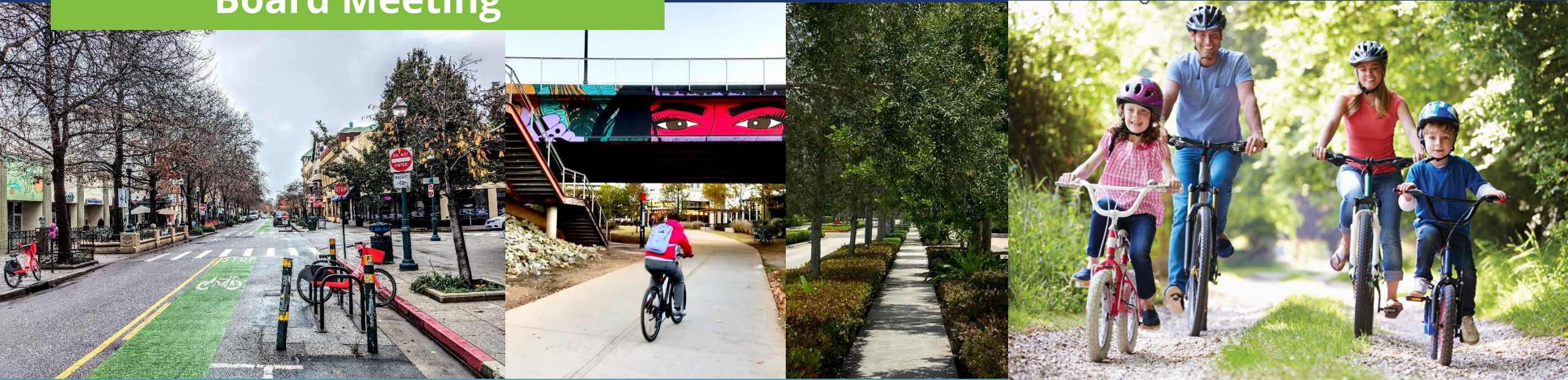


BROWARD COUNTY

# Low Stress Multimodal Mobility Network Master Plan



## Board Meeting



MPO Board Meeting  
February 13, 2025

# Broward Multimodal Mobility Master Plan (MMMP)

## Vision



To create an inclusive low-stress multimodal transportation network for all ages and abilities in Broward County.

## Goal

Enhance accessibility and mobility for all through educational, economic, and social opportunities.

## Scope Overview

1. Project Management
2. Public Engagement & Outreach
3. Existing Conditions
4. Needs Assessment
5. Feasibility Analysis
6. Design Manual
7. Final Report



# Agenda

1. Proposed Low Stress Network
2. Prioritization
3. Feasibility
4. Design Manual
5. Q&A





# Summary of Proposed Projects

Proposed Improvement	% of Projects
New Side Paths, Widen Sidewalks, Gap Closures	49%
Planned Project (i.e., Surtax, TIP, CSLIP, CSMP)	44%
New Trail Segments + Extensions	21%
Implement Identified Proposed Improvements	19%
Traffic Calming	17%
Bicycle Lane Modifications	14%
Enhancements to Existing Trails/Greenways	12%
Lane Narrowing/Repurposing Projects	6%
Ped/Bike Bridge/Tunnel	4%
Under Construction	1%

*\*Several projects fall into multiple categories.*



# Prioritization Criteria

	METRIC	POTENTIAL POINTS	NOTES
1	Safety	30	Ped/bike crashes and crash severity
2	Connectivity	20	To: Schools, Transit, Parks, Medical, Activity Center, Grocery Stores, Jobs
3	Comfort	20	Level of Traffic Stress Score 1 – 2 or improved LTS Score
4	Equity	10	BMPO Transportation Planning Equity Assessment – High, Medium, Low Census Tracts
5	Health	10	USDOT Equitable Transportation Community Explorer – Environmental Burden and/or Health Vulnerability
6	Demand Potential	10	Population within a 15-minute travel shed – 2020 Census Block Data
<b>TOTAL POTENTIAL POINTS</b>		<b>100</b>	

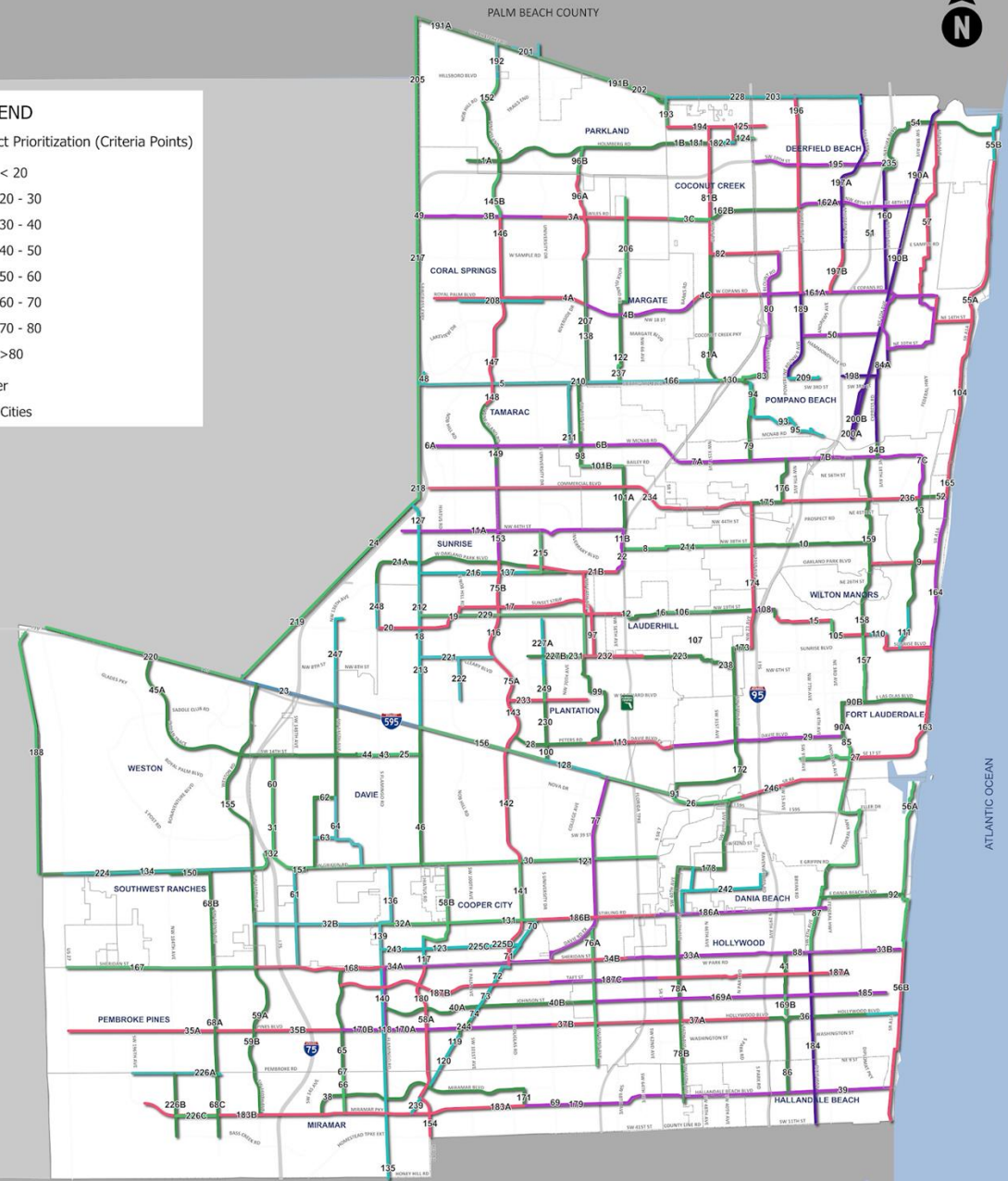
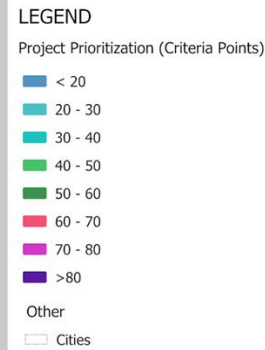
*\*Potential points in each category may change as the prioritization is finalized.*



# Preliminary Prioritized Segments

Highest Scored Segment = 84

Purple Segments Scored the Highest



# Top 10 Selected Projects for Feasibility

Project #	Score	Primary Alignment	From	To	Difficulty	Project Description	Planned Projects	Length (Miles)	Jurisdiction	City Boundary
200A	84.67	Dixie Highway (NB)	McNab Road	Pompano Park Place	Existing Buffered Bike Lane	There may be opportunities to add a physical barrier between the bike lane and travel lane to further protect cyclists and pedestrians or widen sidewalk.		1.13	City	Pompano Beach
200B	84.67	Dixie Highway (SB)	McNab Road	Pompano Park Place	Existing Buffered Bike Lane	There may be opportunities to add a physical barrier between the bike lane and travel lane to further protect cyclists and pedestrians or widen sidewalk.		1.13	City	Pompano Beach
190A	83	Dixie Highway	County Line/Pioneer Park	Sample Road	Moderate to implement	Widen sidewalk to side path standards. Implement crossing enhancements. South of 54th will be more difficult with FEC R/W. Need a bike buffer.	Super Connector	3.47	State	Deerfield Beach
77	77	Davie Road Extension	I-595	University Drive / Sheridan Street	Moderate to implement	Narrow travel lanes to buffer bike lane. This project area includes University Dr from Davie Rd Extension to Sheridan St.	Super Connector	5.01	County	Davie
6B	75	McNab Road	SW 61st Ave	East of NW 70th Avenue	Difficult to Implement to implement	Multiple typicals, east section very tight with guard rail existing on side. Western section widen sidewalk to side path standards. Add physical barrier between sidewalk and travel lane on larger portion of roadway. This corridor and its intersections are being further evaluated under the BSAP for safety improvements and should consider improvements for bicycling and walking comfort as well as crossing treatments.	Super Connector	2.41	County / City	Tamarac
190B	82.67	Dixie Highway	Sample Road	NE 10th Street	Moderate to implement	Widen sidewalk to side path standards and/or Bike Buffer. FEC R/W will be difficult. Implement crossing enhancements to support bus stops.	Super Connector	3.13	City	Deerfield Beach
33A	78	Sheridan St	NW 66th Avenue	I-95	Difficult to implement/on higher speed facilities with limited ROW. Potential Pedestrian buffer and widening sidewalks will require coordination with a utility	Widen sidewalk to side path standards and provide buffer between side path and travel lane.	Super Connector	3.51	State	Hollywood
7A	72.67	McNab Connection	West of SR 7	N Andrews Avenue	Moderate to implement	Widen sidewalk to side path standards, closing sidewalk gaps as needed. This corridor and its intersections are being further evaluated under the BSAP for safety improvements and should consider improvements for bicycling and walking comfort as well as crossing treatments.	Super Connector, Under Construction from Powerline to Andrews Ave	3.74	County	Fort Lauderdale
7B	71	McNab Connection (E/W)	N Andrews Avenue	Bay Colony Dr	Moderate to implement	Widen sidewalk to side path standards, closing sidewalk gaps as needed.	Super Connector	3.69	County	Fort Lauderdale
179	71	Miramar Pkwy	Canal Road	SW 56th Avenue	Difficult to implement/on higher speed facilities with limited ROW/would require coordination with a utility	Implement traffic calming measures.	Super Connector	3.87	County / City	Miramar
233	67.67	W Broward Blvd	S Pine Island Rd	Holloway Canal	Canal opportunities	Trail development and/or bridge connections along canal. Implement crossing improvements. Note that the Plantation Mobility Hub identified covering canal for SUP.		1.91	Multiple / Canal	Plantation

# Feasibility Analysis & Concept Design

Conduct feasibility for up to 10 projects, considerations to include:

- ROW/Easements
- Elevation & Drainage
- Environmental Impacts
- Existing Utilities & Streetscape
- Impacts to Adjacent Properties
- Fatal Flaw
- Planning Cost Estimates

Conceptual design to be completed for up to 5 projects:

- Scalable Aerial Plans
- Cross Section Plans
- Renderings



# Design Manual: Key Themes

The Low-Stress Design Manual **focuses on how to create low stress facilities for non-motorized users, responsive to context classes and roadway characteristics.**



The manual will provide standards for all context classes and demonstrate the different facility types and **design approach appropriate for each functional class within the context.**

The low-stress designation will be assigned **only** to facilities built to the standards in the manual - not all facilities will qualify to be low-stress.

Design criteria will be linked to FDOT's Context Classification System and the BMPO Complete Streets Design Guide.



BROWARD COUNTY

# Low Stress Multimodal Mobility Network Master Plan

## Q & A



Multimodal Mobility  
**Master Plan**

Mobility for All Ages & Abilities



**MAP Broward**  
Mobility Advancement Program  
Brought to you by the  
Penny For Transportation



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