

# SUMMARY MINUTES - ADOPTED



## Bicycling and Pedestrian Advisory Committee (BPAC)

Broward County Government Center, in person  
1 University Drive, 2<sup>nd</sup> FL Hearing Room, Plantation, FL 33324  
November 13, 2024, at 6:30 p.m.

### Board Members Present

Steve Lim – District 1  
Lynne Kunins – District 2  
Chris Wolf – District 3  
Maximiliano Goldstein (Vice Chair) – District 5  
Janet Arango – District 6  
Michael Kroll (Chair) – League of Cities

### Board Members Absent

George Palaidis – District 4

### County Staff

Sara Forelle, Senior Planner, BPAC Coordinator, Urban Planning Division.  
Gretchen Cassini, Director, Broward Mobility Advancement Program.  
Josette Severyn, Broward Mobility Advancement Program.

### Attendees

Christina Fermin, Marlin Engineering  
Jeff Weidner, Marlin Engineering  
Michael Melendez, FDOT District 4

## I. CALL TO ORDER

Michael Kroll, Chair called the meeting to order at 6:30 PM.

## II. ROLL CALL

The roll was called by staff. A quorum was present. Attendees introduced themselves. Chair Kroll welcomed the attendees and recognized, Ms. Lynne Kunins, a new member representing District 2. She introduced herself as the president of *Flipany*, a non-profit that promotes healthy eating and active living to students at Broward County schools and Markham Park.

## III. APPROVAL OF MINUTES – September 11, 2024

Chair Kroll requested but did not receive any comments on the minutes. Upon a motion by Vice Chair Goldstein, seconded by member Wolf, the September 11, 2024 minutes were approved by unanimous vote.

## IV. NEW BUSINESS

1. **DISCUSSION & APPROVAL OF BPAC 2024 ANNUAL MEETING SCHEDULE** – Ms. Forelle clarified that the wrong annual meeting schedule was submitted with the meeting packet and asked the BPAC to approve the revised schedule. Meetings will be held at 6:30pm on the second Wednesday of every other month beginning with January. Upon a motion by Member Kunins, seconded by Vice-Chair Goldstein, the BPAC unanimously approved meeting on the second Wednesday of the months of January, March, May, July, September and November 2025.
2. **PRESENTATION** – Surtax funding and applicable programs – Gretchen Cassini, Director, Broward Mobility Advancement Program (MAP).

Ms. Cassini shared a presentation with an overview of the Mobility Advancement Program (MAP). The MAP Program is a 30-year transportation program funded by a local option sales surtax that the voters of Broward County approved in 2018. A copy of the slides shared during the meeting are located in the Attachments of these minutes.

Ms. Cassini focused on projects that are improving the safety, quality, number, accessibility of bike and pedestrian facilities. The majority of the \$16 billion surtax funds are focused on premium transit and improving accessibility to these corridors. She also spoke about the importance of the Multimodal Mobility Master Plan that is being developed to improve safety and increase accessibility. She asked the BPAC members to visit the MAP website to view the interactive dashboards and maps, and also encouraged members to provide feedback.

Ms. Cassini provided more details about projects being developed in the County's nine commission districts (see images in Appendix).

### DISCUSSION

Chair Kroll asked about the ability to fund pedestrian and bicycle improvements that are not tied to transit or roadway improvements. Ms. Cassini responded that an updated legal interpretation reflects state statute since standalone bike facilities, multi-use paths, and greenways are all considered to be eligible under the state statute. It authorizes using the surtax in the same manner as a road project, but it does not require the facility be primarily used by motorized vehicles. Chair Kroll expressed that he was pleased to learn that those non-motorized mobility projects do not have to be implemented in conjunction with a roadway project.

3. **PRESENTATION** – Broward Multimodal Master Plan (BMMMP) – Updates – Christina Fermin, Marlin Engineering and Josette Severyn, Broward Mobility Advancement Program (MAP)



Figure 1 - Broward County Low Stress Multimodal Mobility Network Master Plan - Title Slide

Ms. Fermin provided a recap of the process thus far. She reviewed information previously shared with the BPAC (for more information, refer to [the BPAC website](#) meeting minutes from November 2023 and March 2024).

The slide below identifies Key Findings from reviewing the Crowd Source Map they have been sharing for the past few months. In particular they found that Safety, Comfort, Connectivity and Convenience were key desirable characteristics of bike/pedestrian facilities. Safety was the key area of improvement needed, and key challenges include discomfort and vehicle speed.

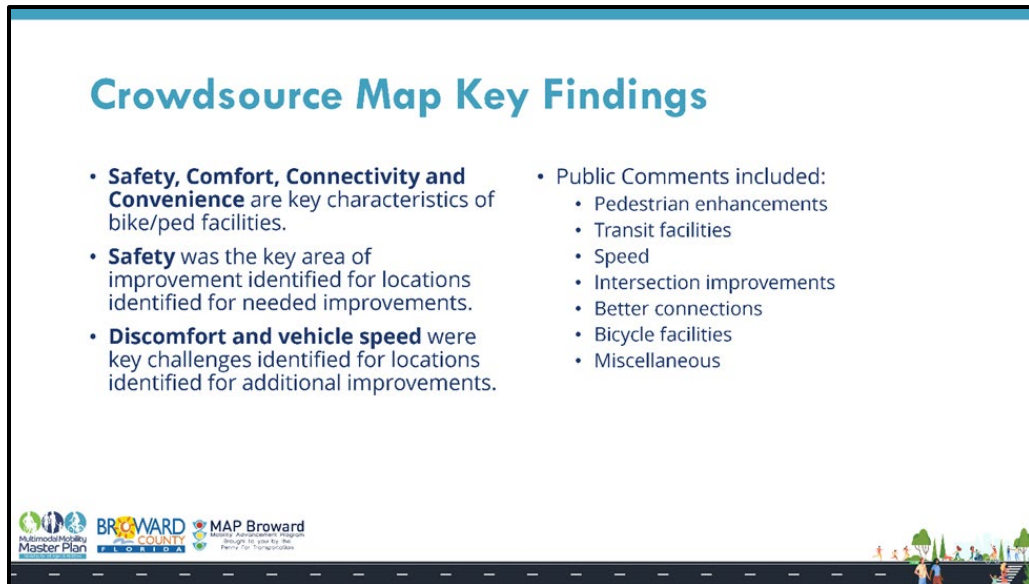


Figure 2 - Slide - Crowdsource Map Key Findings

Ms. Fermin shared maps that show existing conditions and proposed future

conditions for pedestrian and bicycle networks and the associated level of stress on the different segments. The analysis process identified 240 potential projects. The slide below shows the breakdown by 112 city roads, 43 Broward County roads, 52 state roads, and 33 projects that require multi-agency coordination, for reasons that include right-of-way availability.

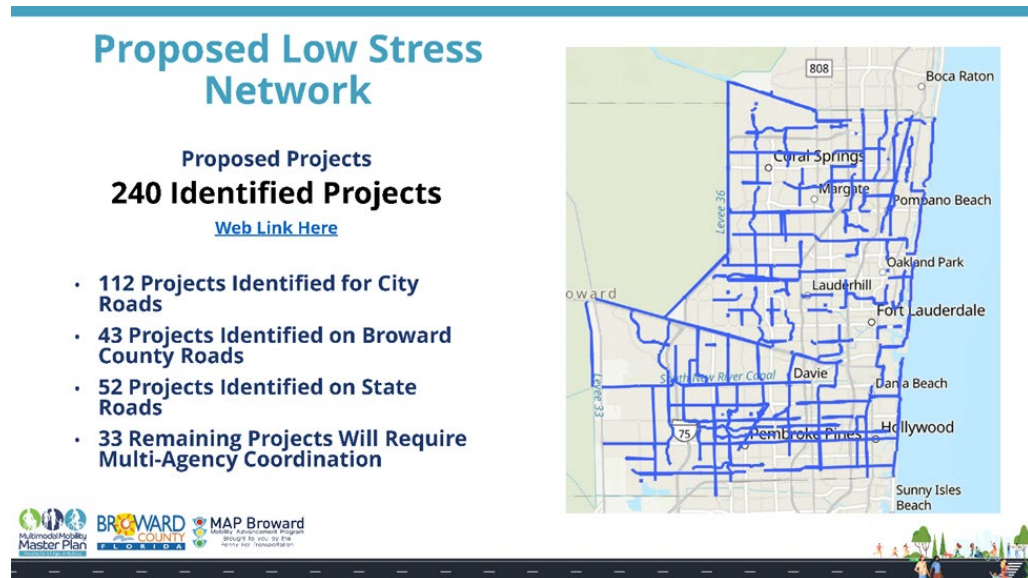


Figure 3 - Slide - Map of Proposed Low Stress Network

The slide summarizes proposed approaches to improvements, including expanding sidewalks or bike lanes on existing facilities and building new ones on bridges, tunnels, trails, and side paths. More intensive projects may require lane repurposing and traffic calming approaches.



Figure 4 - Slide - Summary of proposed projects

Prioritization criteria have been established to help rank projects based on safety, connectivity, lower stress, equity, health and demand potential. A Health Assessment that supports this effort is underway.

## Prioritization Criteria



No.	Metric	Notes
1	Safety	Ped/bike crashes and crash severity
2	Connectivity	Accessibility/Connectivity
3	Lower Stress	LTS/PLOC score/improvement
4	Equity	BMPO Transportation Planning Equity Assessment
5	Health	Rapid HIA rank/score
6	Demand Potential	Population within a 15-minute travel shed – 2020 Census

*\*Points may change once prioritization is completed.*



Figure 5 - Slide - Prioritization Criteria

Ms. Fermin shared an update on the progress of the Design Manual.

## 4. 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 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.
- 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.**
- Design criteria will be linked to FDOT's Context Classification System and the BMPO Complete Streets Design Guide.



Figure 6 - Slide - Design Manual Key Themes

Ms. Fermin explained that the low stress designation would only be assigned to facilities built to the standards contained in the manual. Not all improved facilities would qualify to be low-stress.



# Comprehensive Planning & Design Approach

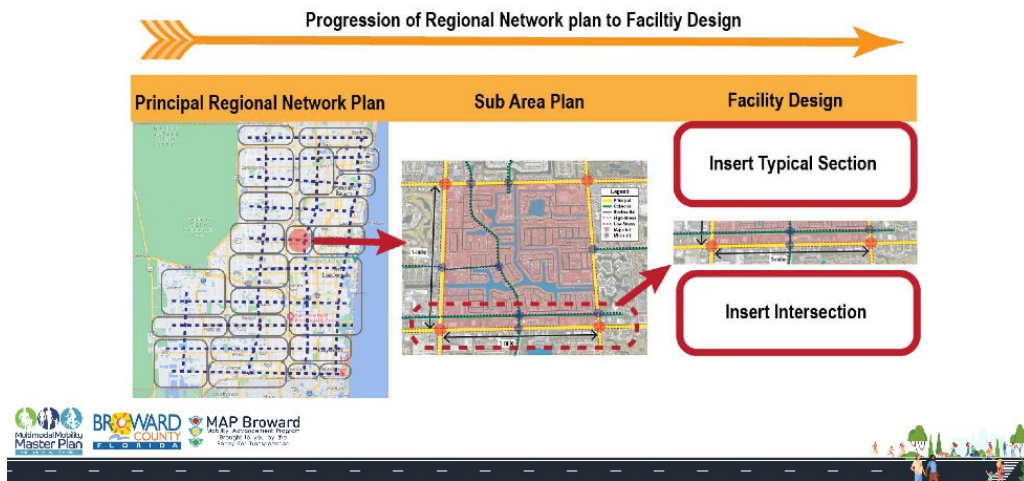


Figure 7 - Slide - Illustration of the Comprehensive Planning and Design Approach

The standards will be organized consistent with FDOT’s roadway context classifications, based on the characteristics of the surrounding built environment. An image of a typical street profile is used to depict the “low-stress zone”, located between the private parcel frontage and the travel lanes in the public right-of-way. While the low-stress zone is mainly located in the public realm, in many cases it will serve as transition and access from public right-of-way to private property.

## Every Street has these Bucket Areas

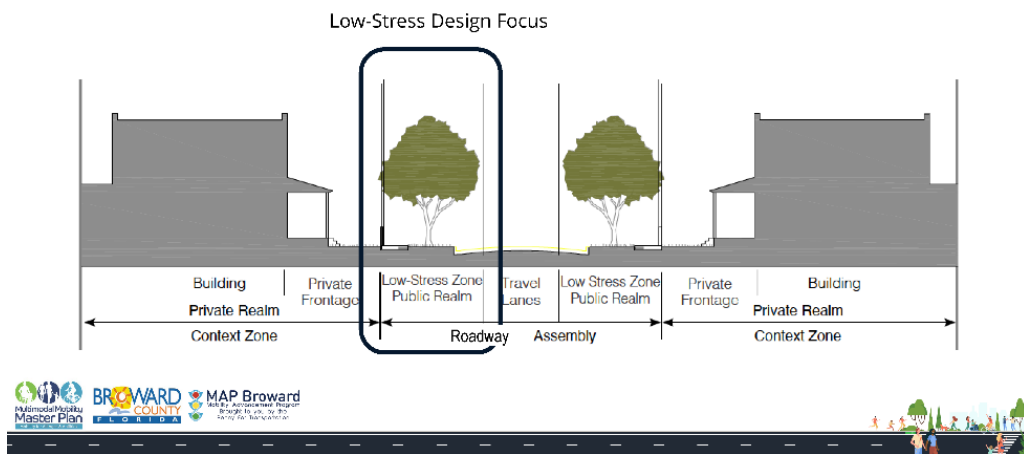


Figure 8 - Slide - Illustration of the Low Stress Zone in a street profile.

Next steps include completing the Health Impact Assessment and project prioritization. A feasibility analysis will be applied to ten of the prioritized projects, which will include conceptual design for up to five (5) projects. They are scheduled to present findings to the Broward MPO Technical Advisory, Community Advisory, and Complete Streets Committees in January 2025 for feedback.


## Next Steps


**Project Tasks:**

1. Your Feedback for Proposed Network
  1. Due, Friday, November 22, 2024
2. Rapid Health Impact Assessment
3. Project Prioritization
4. Feasibility Analysis of 10 projects

**Meetings:**

1. December 5 – Technical Working Group Meeting
2. December 12 – Surtax Oversight Board Meeting
3. January 2025 – BMPO TAC/CAC/CSAC Meetings








Figure 9 - Slide - Next Steps

## DISCUSSION

One of the BPAC members asked how many responses have been received to their online survey. Ms. Fermin responded that they received a little over 300 responses. When asked if these were sufficient, she affirmed that the rate was statistically significant and that demographics were somewhat representative of the County, except possibly for race and ethnicity. They are open to additional comments, which should be sent directly to Ms. Fermin at [c.fermin@marlinengineering.com](mailto:c.fermin@marlinengineering.com) or Josette Severyn of Broward MAP at [jseveryn@broward.org](mailto:jseveryn@broward.org).

A member asked how the manual might impact current standards applied by Broward County. Ms. Fermin responded that the County currently relies on the Florida Greenbook standards published by FDOT, but the manual would recommend standards that go beyond those requirements. Asked if that may prove to be inconvenient for the County, Ms. Fermin responded that there are procedural details that are being worked on. The intent, however, is that in order to be designated as a low-stress facility, the facility will need to meet higher safety and convenience standards than the minimum currently required. They are also trying to determine how the designation process would be implemented and whether or not it will result in mapping and/or signage. An attendee recommended using the designation for branding purposes.

Another aspect that being developed is how the manual may affect funding opportunities from the MPO (such as Complete Streets funding) or local public works annual budgets. Asked about who would build the facility, Ms. Fermin responded that most of the listed projects are currently within public right-of-way, but there may be several funding partners, such as agencies, local governments, MAP surtax funding, and private developers. However, Ms. Fermin reiterated that what might be considered a good complete streets project may not make it to the level of being designated as a low-stress facility.

#### **4. DISCUSSION & APPROVAL OF DRAFT 2025 BICYCLE MONTH PROCLAMATION**

Chair Kroll requested comments. No comments were offered. Upon a motion by Vice Chair Goldstein, seconded by Member Wolf, the 2025 Bicycle Month Proclamation was approved by unanimous vote.

#### **5. DISCUSSION & APPROVAL OF 2024 ANNUAL BPAC REPORT – Motion to approve report and forward to the County Administrator to share with the Board of County Commissioners.**

Chair Kroll requested comments. No comments were offered. Upon a motion by Member Wolf, seconded by Vice Chair Goldstein, the motion was approved by unanimous vote.

#### **V. OLD BUSINESS**

None.

#### **VI. AGENCY UPDATES**

Mr. Michael Melendez shared that Ms. De los Santos, FDOT District 4, is expected to reincorporate in February 2025. Mr. Melendez works in the Office of Modal Development on different aspects of bike, pedestrian, complete streets, SunTrail, etcetera. He also shared that FDOT has two related positions with different objectives: one in the Safety Office, which handles safety issues; the other in Modal Development, which is responsible for adding new or improving existing facilities. District 4 is in the process of updating the 2018 Bicycle Master Plan, which spans five (5) counties, from Broward on the south to Indian River County on the north.

The data collection and literature review phases are complete. They are currently working on the analysis methodology, followed by an outreach phase. He anticipates that they will present to the BPAC. They are applying equity considerations to the review of gaps and need to build networks. One of the BPAC members voiced interest in participating in the review of projects in the southeast. Mr. Melendez explained that there are several project managers who will be coordinating on outreach in the near future.

His position is to advocate for the bike and pedestrian modalities. A project goal is to develop guidance on facility type and width, as well as how to address bridges, particularly under constrained conditions. He shared that features may be stripped out of projects or moved to implementation ten or more years into the future. This is often due to lack of funds or insufficient right-of-way; as a result, stop gaps are sometimes needed. He encouraged providing continuous feedback throughout the different stages of planning and design of the project, since the District is obligated to respond. Multimodal review comments can be considered at the District's Scope Refinement stage or Complete Streets Team discussions.

Mr. Melendez was asked how the District would be using the outputs of the Master Plan and whether standards would be updated. He responded that it will not affect the standards, but rather how solutions that fulfill the needs and/or gaps will be prioritized. In some cases, they will be looking for opportunities in existing projects. The idea is that it would serve as a road map, not just a list of projects. Also, the context classifications will play an important role in defining alternative solutions depending on the context of the facility.



Vice Chair Goldstein asked about the impact of new legislation adopted at the state level that could make lane repurposing more difficult for complete streets projects. Mr. Melendez offered to find out more. Mr. Melendez also offered to share a copy of the 2018 Districtwide Bicycle Master Plan.

## VII. STAFF REPORT

Ms. Forelle shared highlights from the 2024 Broward County Wellness Jamboree event at Delevoe Park. Member Wolf attended all day and was very helpful in providing residents and their families with informational pedestrian and bicycle safety handouts, free bicycle helmets and assisting with the free bicycle raffle that is conducted each year. Member Wolf commented on enjoying the event for a second year.

## VIII. PUBLIC COMMENT

None.

## IX. COMMITTEE MEMBER UPDATES

### a. *Complete Streets Team Updates* –

- Vice Chair Goldstein mentioned attending the most recent Complete Streets Team meeting, where the Low Stress Multimodal Master Plan updates were also shared.

### b. *Committee Member Updates*

- Vice Chair Goldstein spoke about several regional transportation efforts in which he is participating:
  1. The County is undergoing a comprehensive update of the BrowardNEXT land use plan, which is done every seven years. He mentioned that it is where the standards and goals are set for the County. So, if the BPAC really wants to advocate for a higher minimum standard, this would be the process in which to participate, since the comprehensive plan is enforceable. He encouraged members to forward comments to the County. [Note: Click on the link for more information about [BrowardNEXT](#) and submit public comment to [planningcouncil@broward.org](mailto:planningcouncil@broward.org).]

## X. ADJOURN

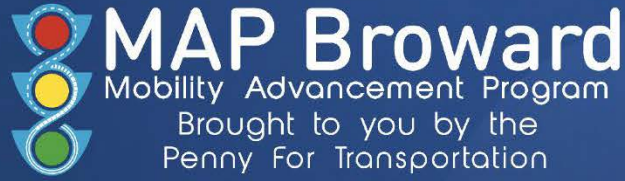
Upon a motion by Vice Chair Goldstein, seconded by Member Kunins, the BPAC voted unanimously to adjourn at approximately 8:00 p.m.

***Next Meeting: Wednesday, January 8, 2025, at 6:30 PM***

*Transcript of meeting or recording available upon request. Contact Sara Forelle, Senior Planner, for additional information. Email: [sforelle@broward.org](mailto:sforelle@broward.org) or Phone: (954) 357-9785*

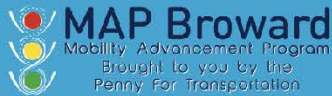
## **APPENDIX**

Copy of Slides from the Surtax funding and applicable programs presentation by Gretchen Cassini, Director, Broward Mobility Advancement Program (MAP).



# Mobility Advancement Program Update to BPAC

November 13, 2024



3

## 3 Foundational Elements

- 🔍 Transparency
- ✅ Accountability
- 🔄 Resiliency

## 5 MAP Broward Goals

1. Create Connectivity
2. Improve Transit Service
3. Manage Traffic Systems
4. Enhance Multimodal Options
5. Ensure Economic Development and Benefits



## 8 MAIN PROJECT TYPES



## Transportation Surtax Plan Main Components

- **County Transit System:** (Operations and Capital) existing service and expansion (including premium transit, like bus rapid transit and rail)
- **County Public Works Projects:** Roads, bridges, traffic signal system enhancements, school zones, lighting, multimodal improvements, congestion management strategies, road resiliency initiatives
- **Municipal Surtax Program:** Community Shuttles (Operations + Capital/Vehicles); Capital Projects (primarily new); Rehabilitation & Maintenance projects
- **Planning & Support Services:** Economic & Small Business Development to assist with assuring the local small business goal on the program is managed and met; legal, contract management, communications, audit, budget, and financial support to the Oversight Board & program



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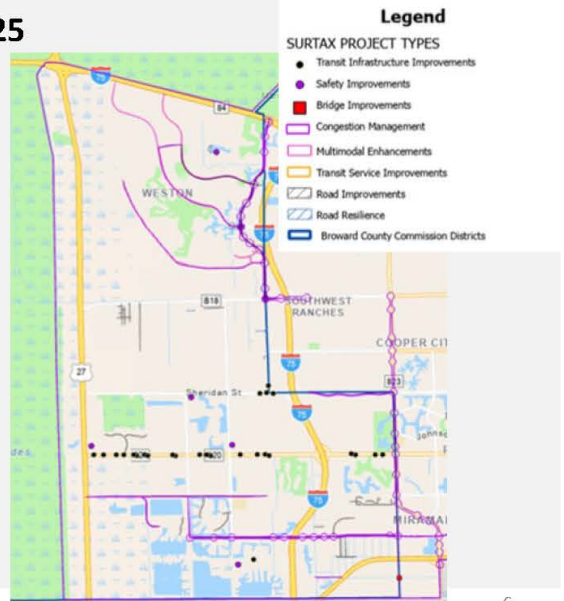
# County Commission District 1

## Projects with Surtax Funding Appropriated FY2019-2025

- Completed: 2 safety improvement projects
- Construction: 4 multimodal enhancement projects
- Design:
  - 1 multimodal enhancement project
  - 3 safety improvement projects
- Planning: 1 multimodal enhancement project

## Projects Anticipated for FY2026-2029:

- Planning: 4 safety improvement projects



# District 1 Project Photos



City of Weston Multimodal Enhancements

Everglades High School Safety Improvements



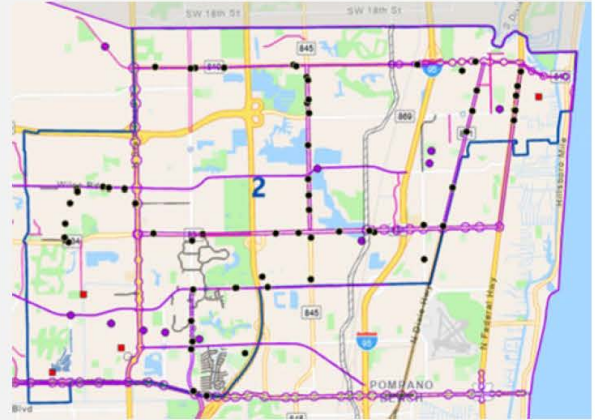
# County Commission District 2

## Projects with Surtax Funding Appropriated FY2019-2025

- **Completed:** 1 multimodal enhancement project  
2 safety improvement projects
- **Construction:** 4 multimodal enhancement projects  
1 safety improvement project
- **Design:**  
3 multimodal enhancement project  
2 safety improvement projects

## Projects Anticipated for FY2026-2029:

- **Planning:** 1 multimodal enhancement project  
4 safety improvement projects



# District 2 Project Photos

## Multimodal Enhancements along Copans Rd



## City of Margate Greenway Project



## Abundant Life Academy School Zone



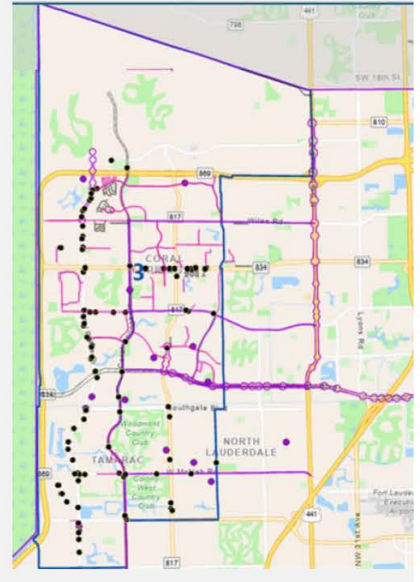
# County Commission District 3

## Projects with Surtax Funding Appropriated FY2019-2025

- **Completed:** 4 multimodal enhancement project  
2 safety improvement projects
- **Construction:** 2 multimodal enhancement projects  
4 safety improvement project
- **Design:**  
3 multimodal enhancement project  
5 safety improvement projects

## Projects Anticipated for FY2026-2029:

- **Planning:** 4 multimodal enhancement project  
3 safety improvement projects



# District 3 Project Photos



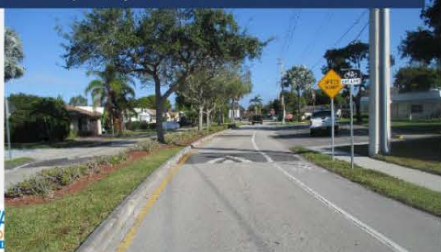
City of Tamarac (Traffic Calming)  
Safety Improvements



Lox Rd Multimodal and  
Safety Improvements



Riverside Dr (Bike Lanes  
and Sidewalks) Multimodal  
Enhancements





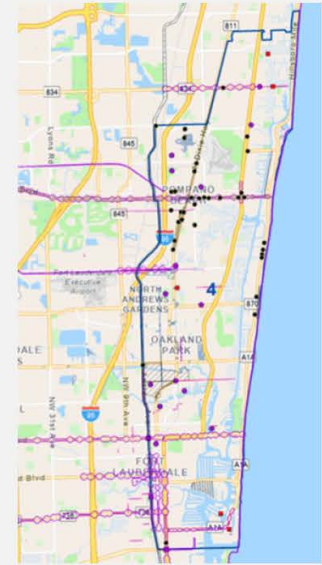
# County Commission District 4

## Projects with Surtax Funding Appropriated FY2019-2025

- **Completed:** 4 safety improvement projects
- **Construction:** 2 multimodal enhancement projects  
3 safety improvement project
- **Design:**  
9 multimodal enhancement project  
5 safety improvement projects
- **Planning:** 2 multimodal enhancement project  
1 safety improvement project

## Projects Anticipated for FY2026-2029:

- **Planning:** 3 safety improvement projects



# District 4 Project Photos



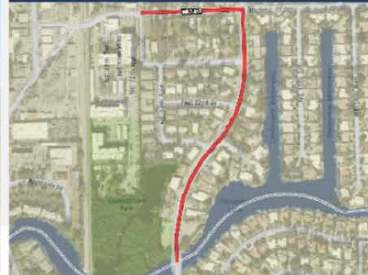
Dixie Hwy/Atlantic Blvd  
Multimodal & Sidewalk Improvements



Wilton Drive  
Multimodal Enhancements



Fort Lauderdale  
Sidewalk Improvements



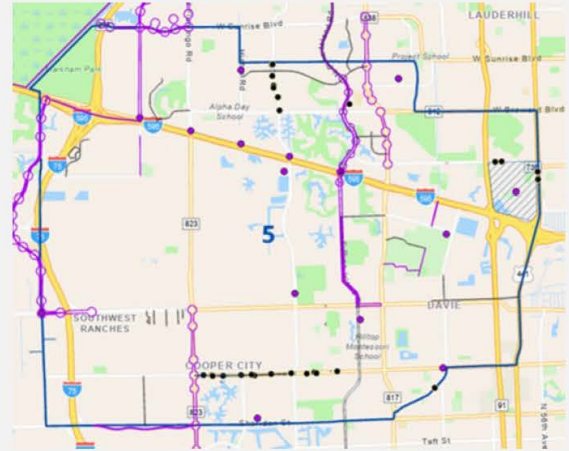
# County Commission District 5

## Projects with Surtax Funding Appropriated for FY2019-2025

- **Completed:** 1 safety improvement project
- **Construction:** 1 safety improvement project
- **Design:** 6 safety improvement projects
- **Planning:** 2 safety improvement projects

## Projects Anticipated for FY2026-2029:

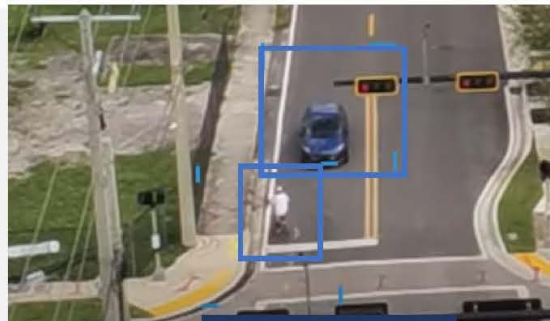
- **Planning:** 1 multimodal enhancement project
- **Planning:** 5 safety improvement projects



# District 5 Project Photos



Davie Rd  
 Multimodal &  
 Safety  
 Improvements



University of Florida  
 Near-Miss Study





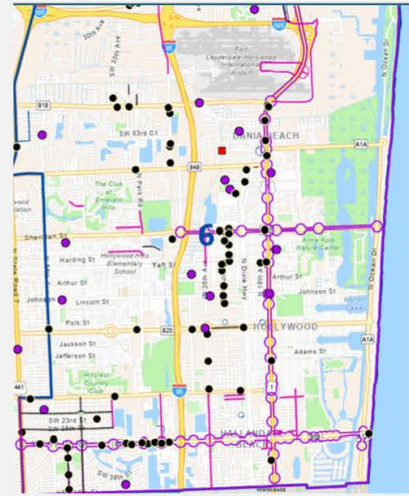
# County Commission District 6

## Projects with Surtax Funding Appropriated for FY2019-2025

- **Completed:** 1 multimodal enhancement project  
4 safety improvement projects
- **Construction:** 4 multimodal enhancement projects  
5 safety improvement project
- **Design:**  
1 multimodal enhancement project  
8 safety improvement projects
- **Planning:** 2 multimodal enhancement project  
1 safety improvement projects

## Projects Anticipated for FY2026-2029:

- **Planning:** 6 multimodal enhancement projects  
3 safety improvement projects



# District 6 Project Photos



Hollywood Blvd Complete Streets

Attucks Middle School Zone

SW 25<sup>th</sup> St Multimodal Improvements





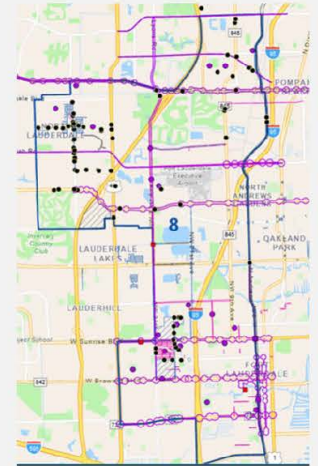
# County Commission District 8

## Projects with Surtax Funding Appropriated for FY2019-2025

- **Completed:** 2 multimodal enhancement projects  
3 safety improvement projects
- **Construction:** 8 multimodal enhancement projects  
5 safety improvement project
- **Design:** 6 multimodal enhancement project  
14 safety improvement projects

## Projects Anticipated for FY2026-2029:

- **Planning:** 1 multimodal enhancement project  
5 safety improvement projects



## District 8 Project Photos



Cypress Creek Rd  
Multimodal Enhancements (bike lanes)



Broward Municipal Services District  
Washington Park Sidewalk Improvements



Kimberly Blvd  
Multimodal & Sidewalk Enhancements





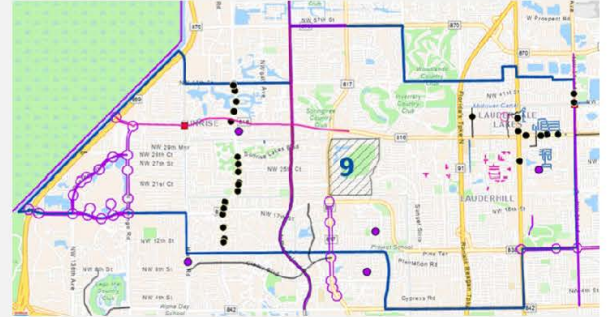
# County Commission District 9

## Projects with Surtax Funding Appropriated for FY2019-2025

- **Construction:** 4 multimodal enhancement projects  
1 safety improvement project
- **Design:** 6 safety improvement projects

## Projects Anticipated for FY2026-2029:

- **Planning:** 3 safety improvement projects



# District 9 Project Photos



Lauderdale Lakes  
Sidewalk Improvements (Citywide)



Roosevelt Gardens Street Lighting  
(various locations)

