

# Commuter Rail First / Last Mile Plan

Steering Group Meeting #5

October 18, 2022



[browardmpo.org](http://browardmpo.org)

# AGENDA

- ❑ Introductions
- ❑ Presentation: Khalilah Ffrench, Project Manager, BCT's *PREMO*

❑ Presentation: Ana Alvarez, Chief Planner, Oakland Park, Tri-City  
**Moved to December Meeting**  
*Reconnecting Communities Grant*

- ❑ Example FLM Planning Concept: Bicycle Boulevard Network
- ❑ Pop-up Public Input Events
- ❑ Next Steps

The **purpose** of the Plan is to **maximize ridership** through enhancing accessibility of the proposed commuter rail station located near NE 38 Street in Oakland Park, which will provide **additional travel options** and **reduce roadway vehicle congestion**.

The need of this Plan is to improve safety and multimodal connectivity. The Plan aims to create **inclusive transportation infrastructure for people of all ages and abilities** and to complement the efforts of the Broward Commuter Rail project and the Broward County Premium Mobility Plan (PreMo).

# INTRODUCTIONS – STEERING GROUP

- ❑ **City of Oakland Park**
  - **Jennifer Frastai, Assistant City Manager**
  - **Albert Carbon, PE, City Engineer**
  - **Ana Alvarez, Chief Planning Officer**
  - **Pete Schwarz, Planning Director**
  - **Lester Leavitt, Resident**
  - **Winsome Bowen, AICP, Transportation Planner**

# INTRODUCTIONS – STEERING GROUP

- ❑ **City of Wilton Manors**
  - **Pamela Landi, Assistant City Manager**
  - **Todd DeJesus, Capital Projects & Grants**
  - **Jennifer Gomez, Resident**
  - **Hunter Stephens, Resident**

# INTRODUCTIONS – STEERING GROUP

- ❑ **Broward County Government**
  - **Richard Tornese, PE, County Engineer**
  - **Laila Kitchen, PE, County Engineer**
  - **Anna Bielawska, Broward County Transit**
  - **Josette Severyn, AICP, Senior Mobility Planner**

# INTRODUCTIONS - STEERING GROUP

- **Florida Department of Transportation - District Four**
  - **Lisa Maack, AICP, Passenger Operations Manager**

# INTRODUCTIONS – PROJECT TEAM

- ❑ **Broward Metropolitan Planning Organization (MPO)**
  - **Amanda Christon, AICP, Transit Manager**
  - **Mark Brown, AICP, Senior Transportation Planner**
  - **Darci Mayer, Senior Transportation Planner**
  - **Levi Stewart-Figueroa, Senior Transportation Planner**
  - **Karen Friedman, AICP, Senior Transportation Planner**
  - **Fazal Qureshi, PE, Project Engineer**
  - **Andrew Riddle, AICP, City Services Manager**

# INTRODUCTIONS - GUEST SPEAKER

- ❑ **Broward County Transit - Premium Mobility Plan (PREMO)**
  - **Khalilah Ffrench, Project Manager**



# Bike Boulevards Network Concepts



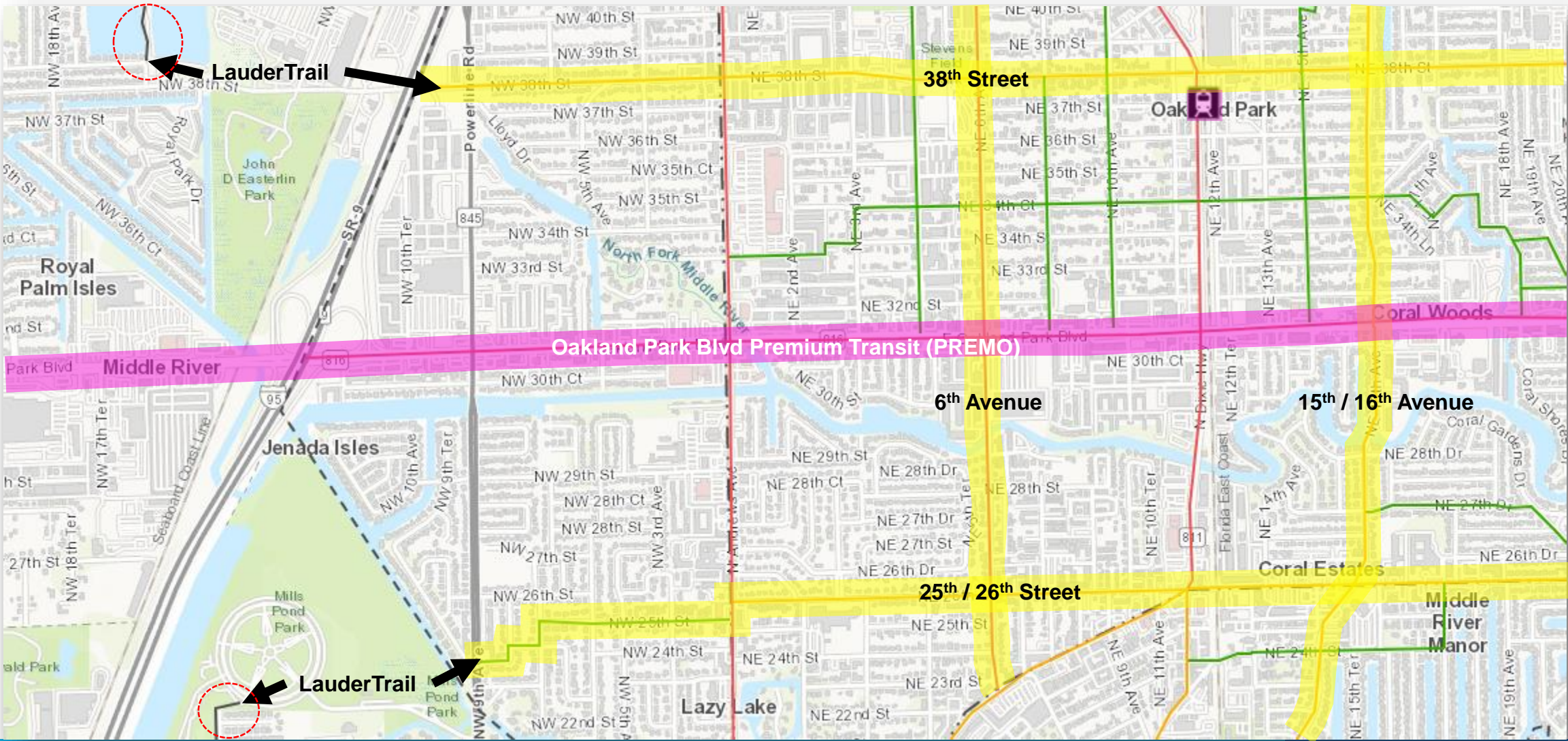
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# WHAT IS A BIKE BOULEVARD?

- Lower motorized traffic volumes & speeds
- Designated & designed to provide safe routes for bicyclists.
  - Encourage use by bicyclists (public awareness campaigns)
  - Distinctive signs, pavement markings, etc.
  - Improve crossings of arterial streets (speed management techniques)
- Important for first / last mile connection



# PROPOSED BICYCLE BOULEVARD FLM NETWORK

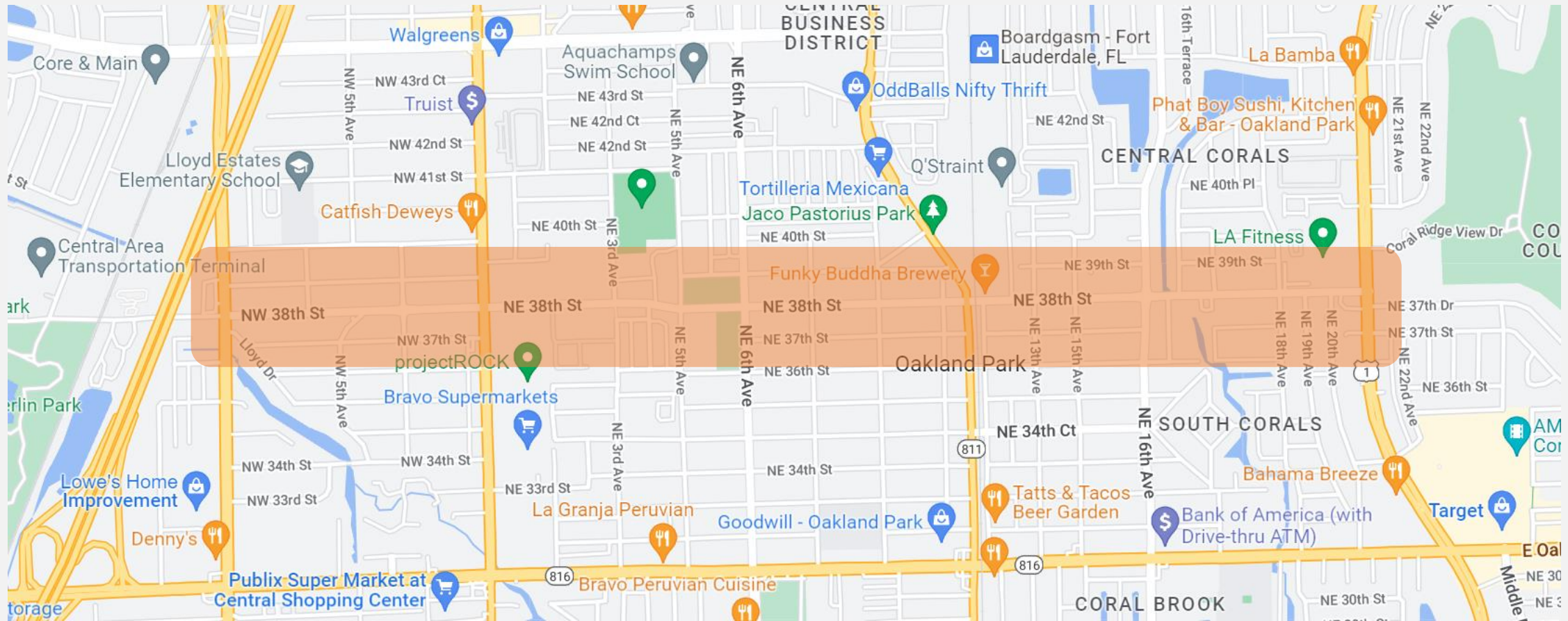


# 38<sup>th</sup> Street Bike Route Concept



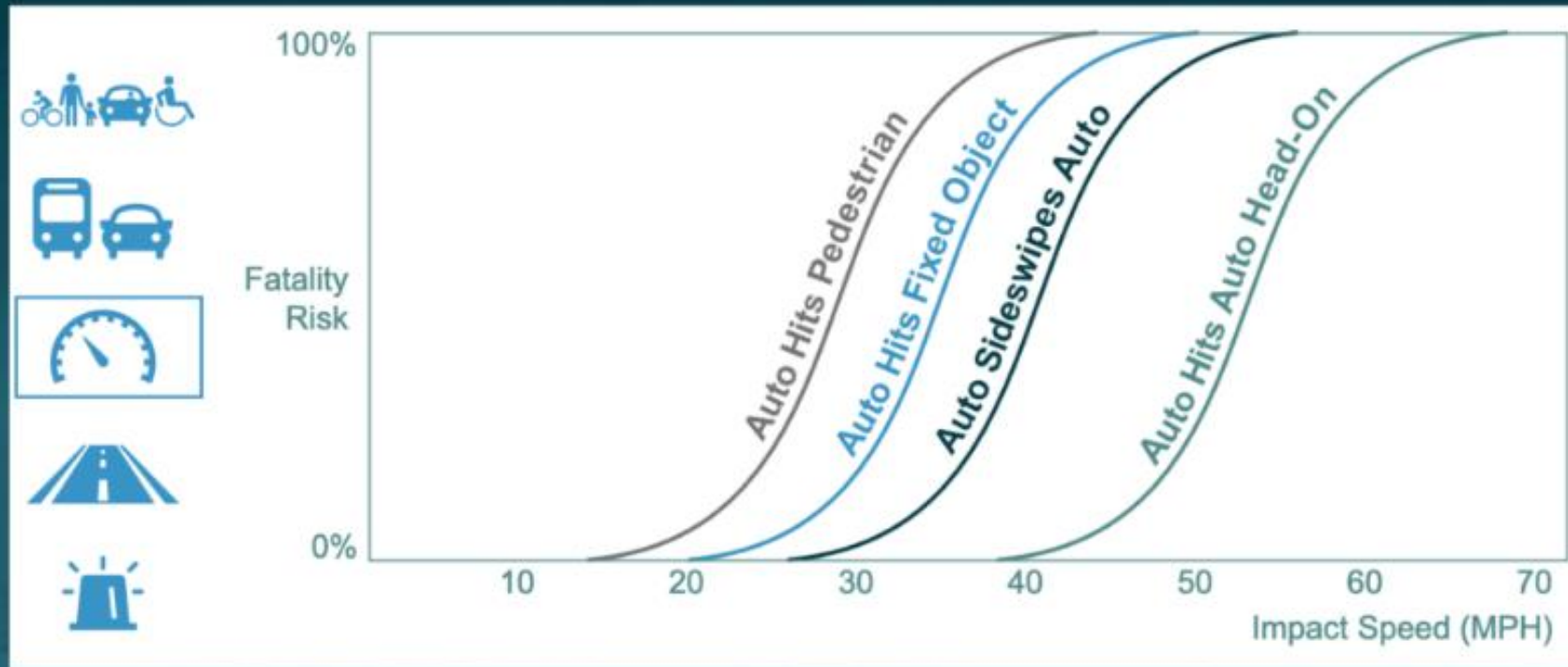
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# 38<sup>TH</sup> STREET BIKE ROUTE CONCEPT



# 38<sup>TH</sup> STREET BIKE ROUTE CONCEPT

## SAFE SPEEDS: FATALITY RISKS



Source: FHWA

# 38<sup>TH</sup> STREET BIKE ROUTE CONCEPT

- City Collector / AADT: Between 5,000 and 7,000
- Speed Limit: 25 mph
- 479 total crashes from over the past 5 years, including 17 bike crashes mostly in the bike lane section of corridor west of 6<sup>th</sup> Ave.

# 38<sup>TH</sup> STREET BIKE ROUTE CONCEPT

- Crash hot spots at intersections of:
  - Powerline Rd
  - Andrews Ave
  - NE 6<sup>th</sup> Ave (intersection of proposed 6<sup>th</sup> Ave Bike Boulevard)
  - N Dixie Hwy
  - N Federal Hwy



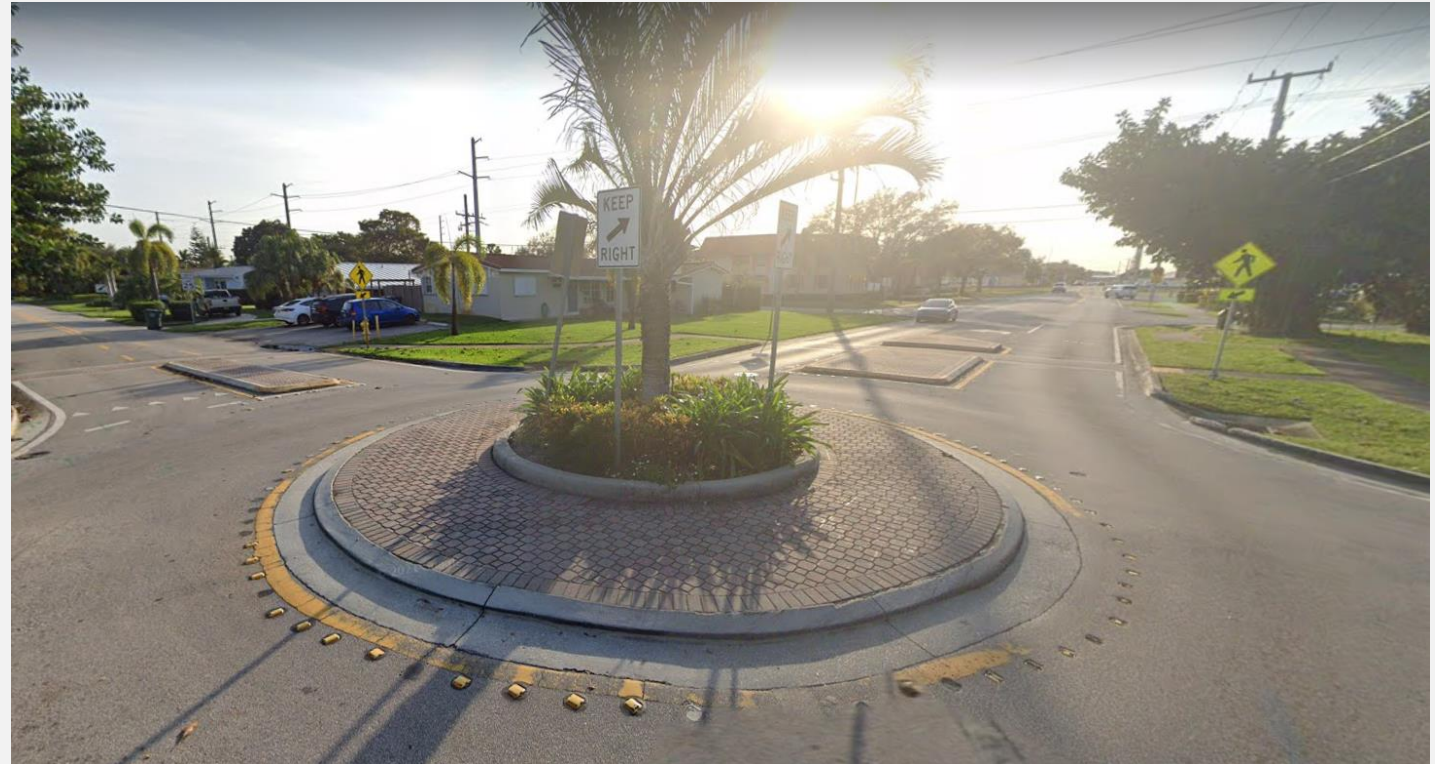
# 38<sup>TH</sup> STREET BIKE ROUTE CONCEPT

## Mid-Block Speed Tables



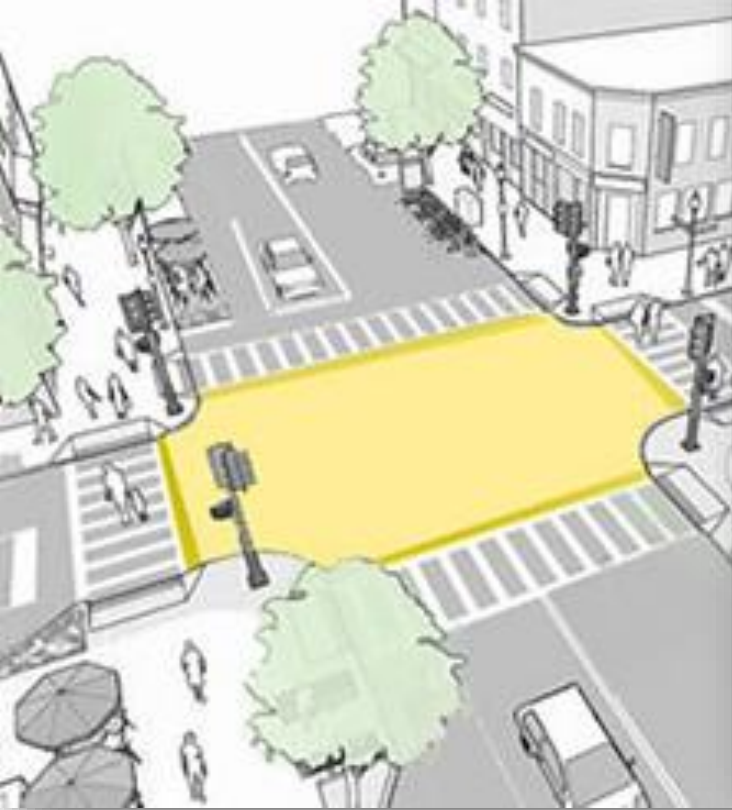
# 38<sup>TH</sup> STREET BIKE ROUTE CONCEPT

Mini-Roundabouts



# 38<sup>TH</sup> STREET BIKE ROUTE CONCEPT

Raised Intersection



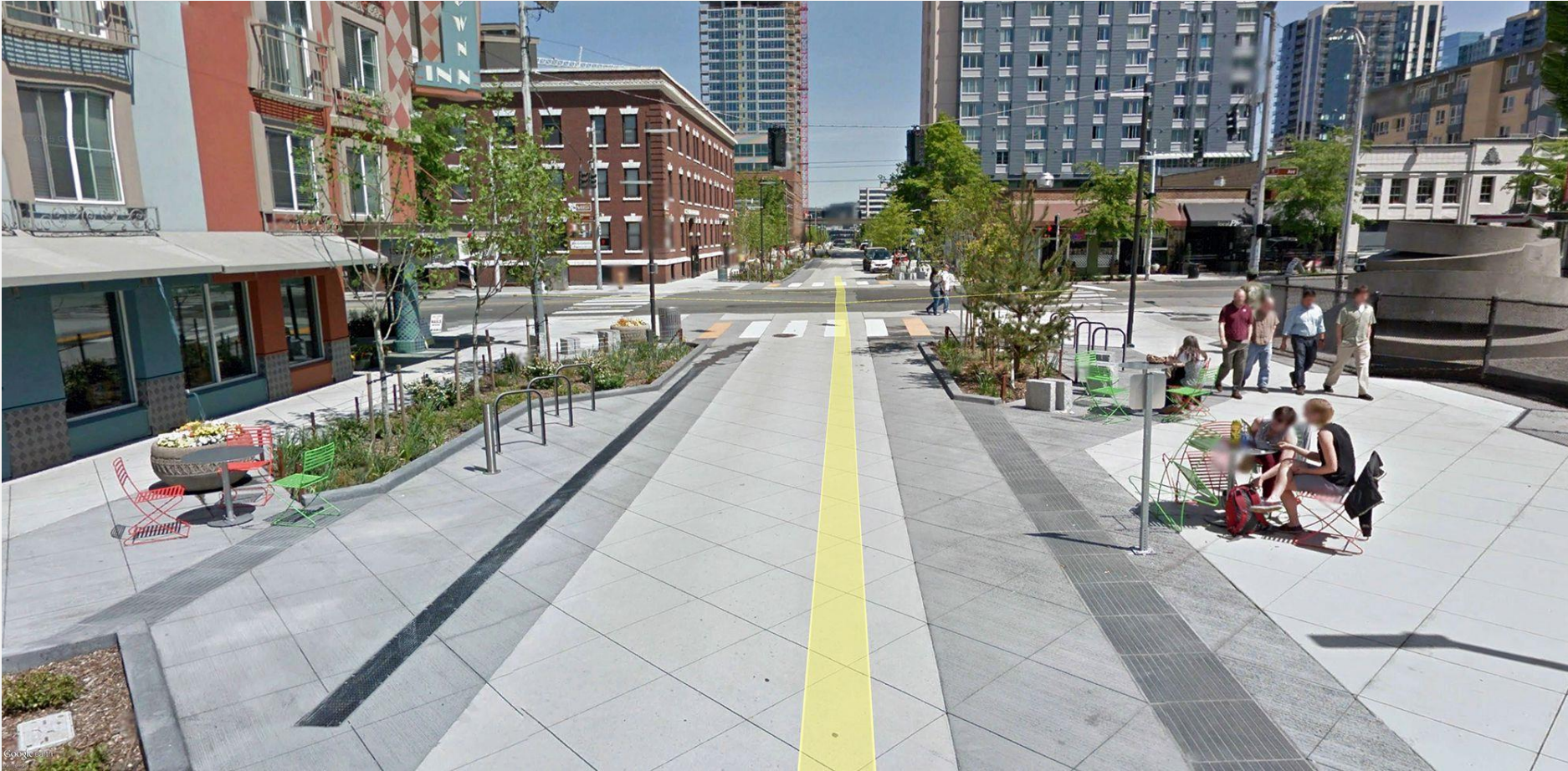
# 38<sup>TH</sup> STREET BIKE ROUTE CONCEPT

Green Bike Lanes



# 38<sup>TH</sup> STREET BIKE ROUTE CONCEPT

Woonerf  
FROM NE 11<sup>TH</sup> AVE  
TO NE 13 AVE





NW 9th Ave

NW 3rd Ave

N. Andrews Ave

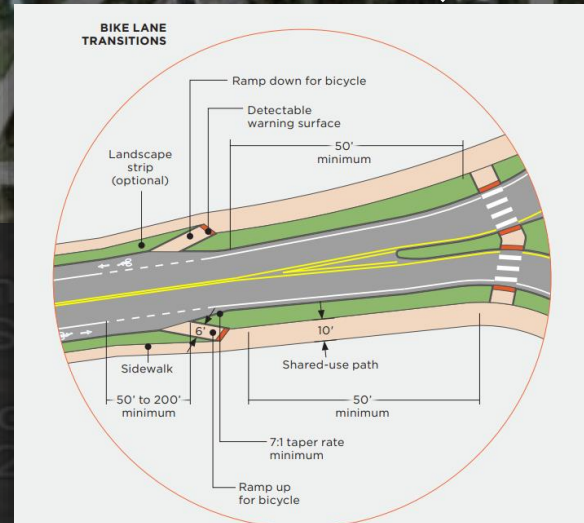
Paint existing bike lanes green throughout



Refresh to make existing speed table more visible

 **Speed Table**

 **Raised Intersection**



Provide widened sidewalks adjacent to roundabout for shared use path.



Stripe bike lane markings through N. Andrews Ave. intersection (E-W and N-S)



Andrews Ave.

Paint existing bike lanes green throughout

NE 5th Ave.

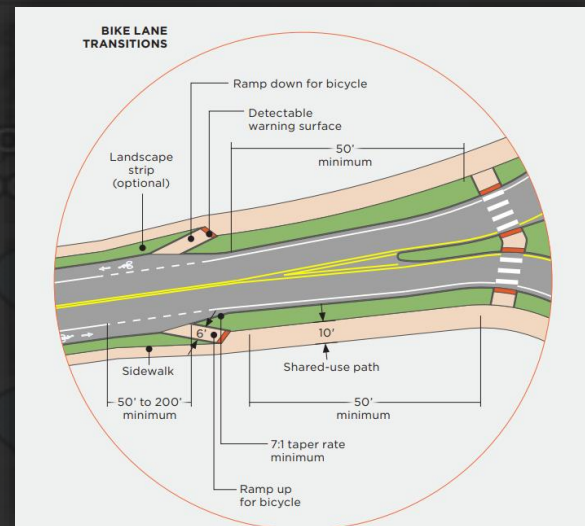
NE 6th Ave.



**Speed Table**



**Raised Intersection**



Provide widened sidewalks adjacent to roundabout for shared use path.



NE 6<sup>th</sup> Ave

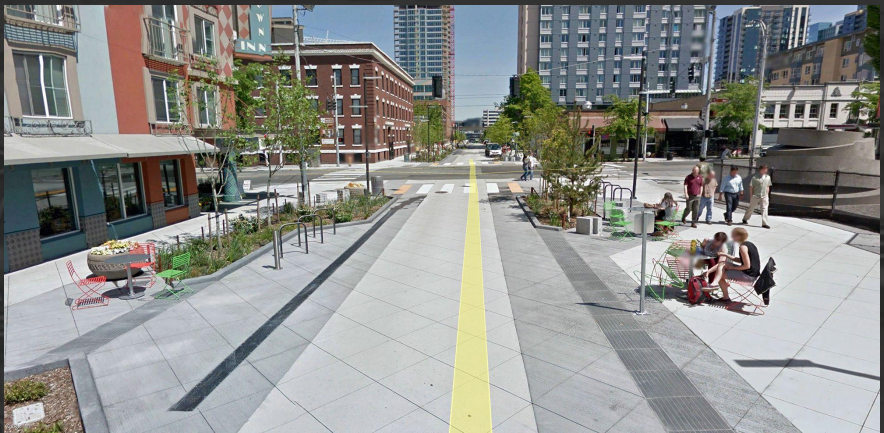


NE 10<sup>th</sup> Ave




N Dixie Hwy



New Roundabout at 6<sup>th</sup> Ave w/  
adjacent shared use path to  
accommodate cyclists



Woonerf (11<sup>th</sup> Ave to 13<sup>th</sup> Ave)

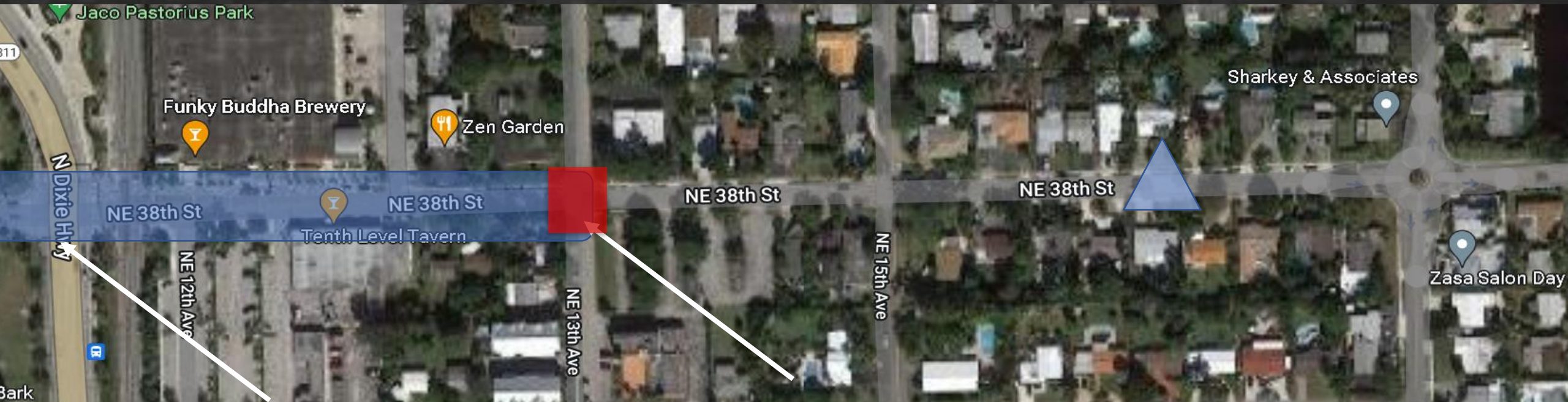
-  **Raised Intersection**
-  **Roundabout**
-  **Woonerf**



N Dixie Hwy

NE 15th Ave

NE 16th Ave.



- Raised Intersection**
- Speed Table**
- Woonerf**

Stripe bike lane markings through N Dixie Hwy

Raised Intersections

NE 16<sup>th</sup> Ave

NE 18<sup>th</sup> Ave

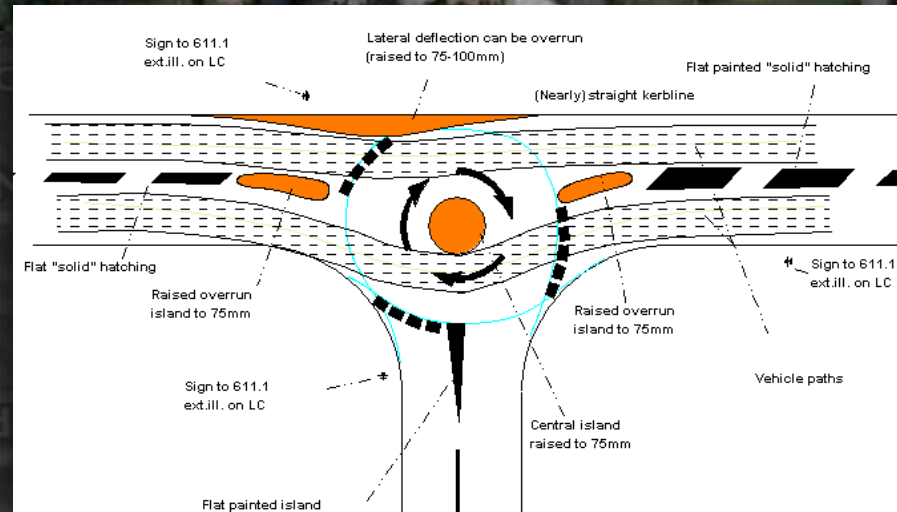
N Federal Hwy



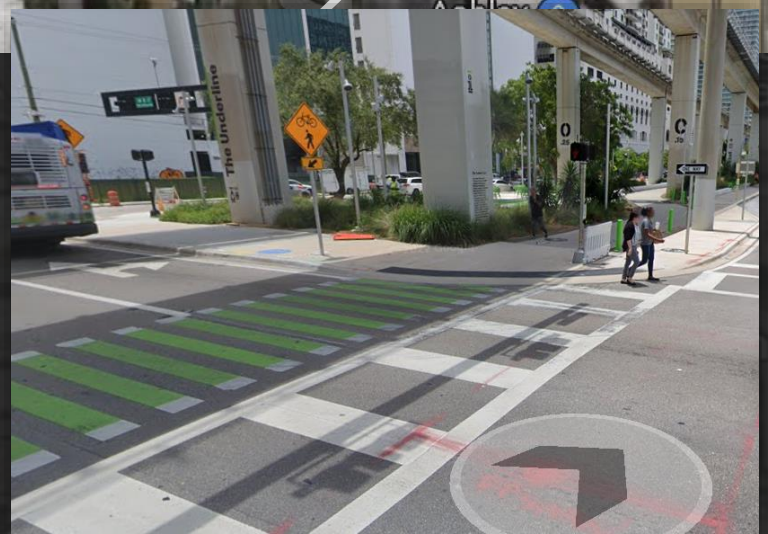
 **Raised Intersection**

 **Speed Table**

 **Roundabout**



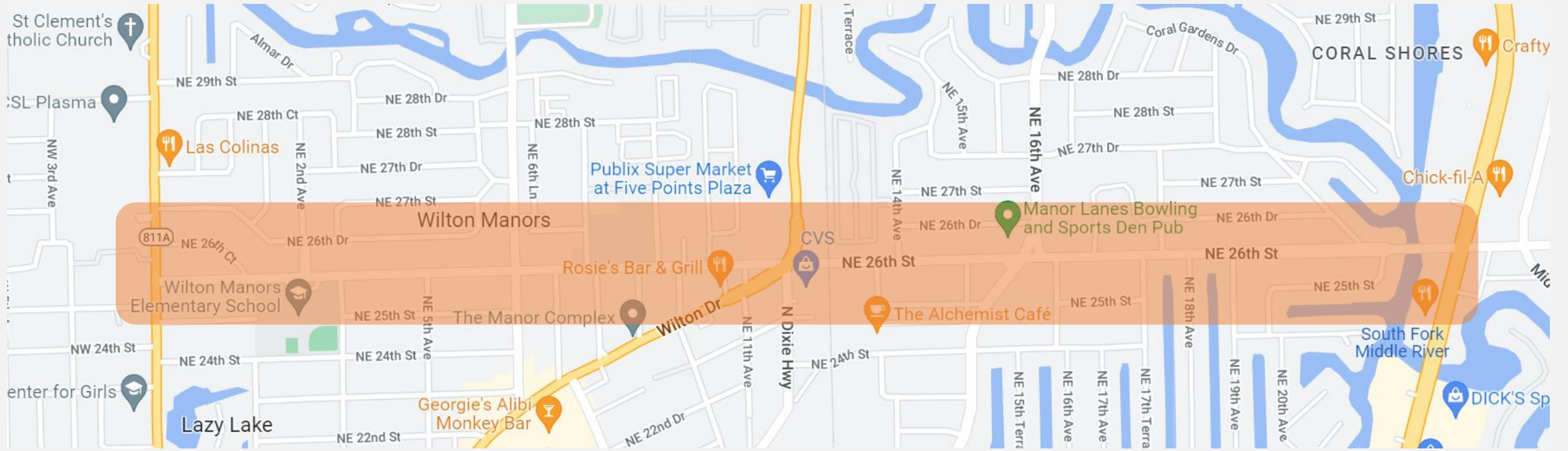
3-legged mini-roundabout



Bike crosswalk across N Federal Hwy

# NE 26<sup>th</sup> Street Bike Route Concept

# NE 26<sup>TH</sup> ST. BIKE ROUTE CONCEPT

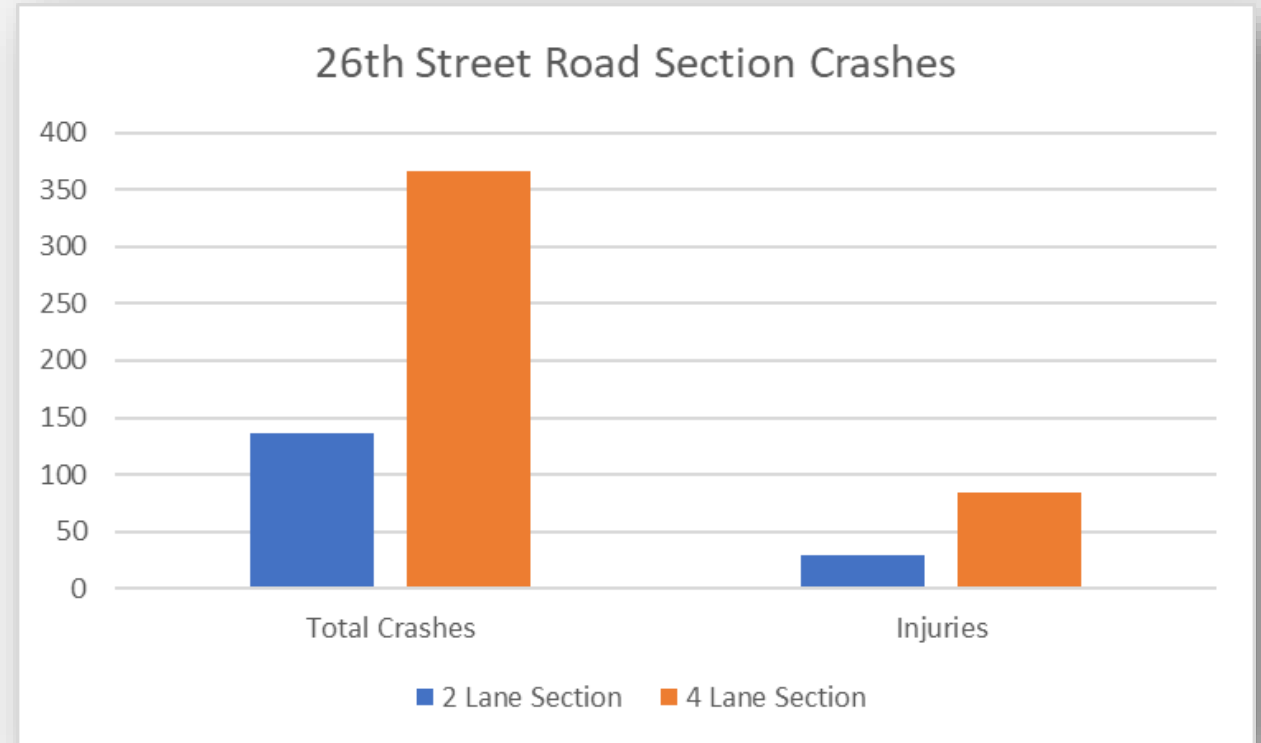


# NE 26<sup>TH</sup> ST. STREET BIKE ROUTE CONCEPT

- City & County Collector / AADT: 12,000-14,000
- Speed Limit: 30mph (15mph in school zone)
- 373 total crashes since 2017. Hot spots include:
  - Andrews Ave.
  - Wilton Dr.
  - Entire 4 lane section east of Wilton Dr.

# NE 26<sup>TH</sup> ST. STREET BIKE ROUTE CONCEPT

- 2 lane section vs. 4 lane section crashes over 5 years (nearly equal length segments)
  - 2 lane: 136 total crashes, 30 injuries
  - 4 lane: 366 total crashes, 84 injuries

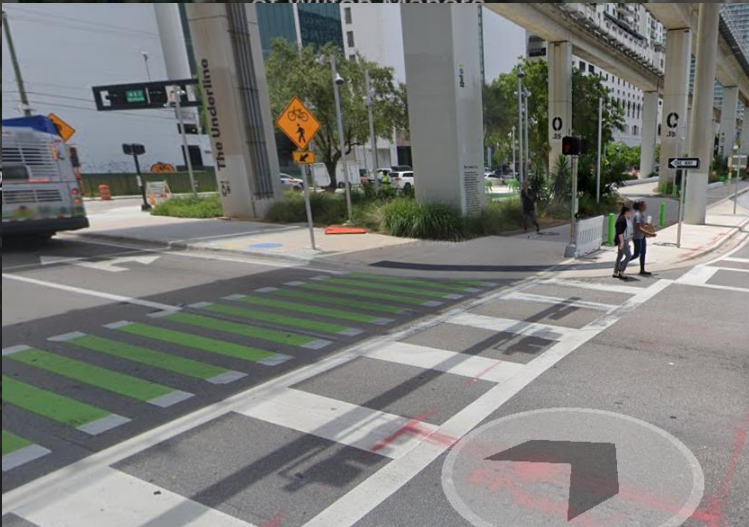


Andrews Ave

Paint existing bike lanes green throughout

NE 3rd Ave


NE 6th Ave.



New Crosswalks & Bike Markings @ Andrews Ave.



New Crosswalks + RRFB @ NE 5th Ave

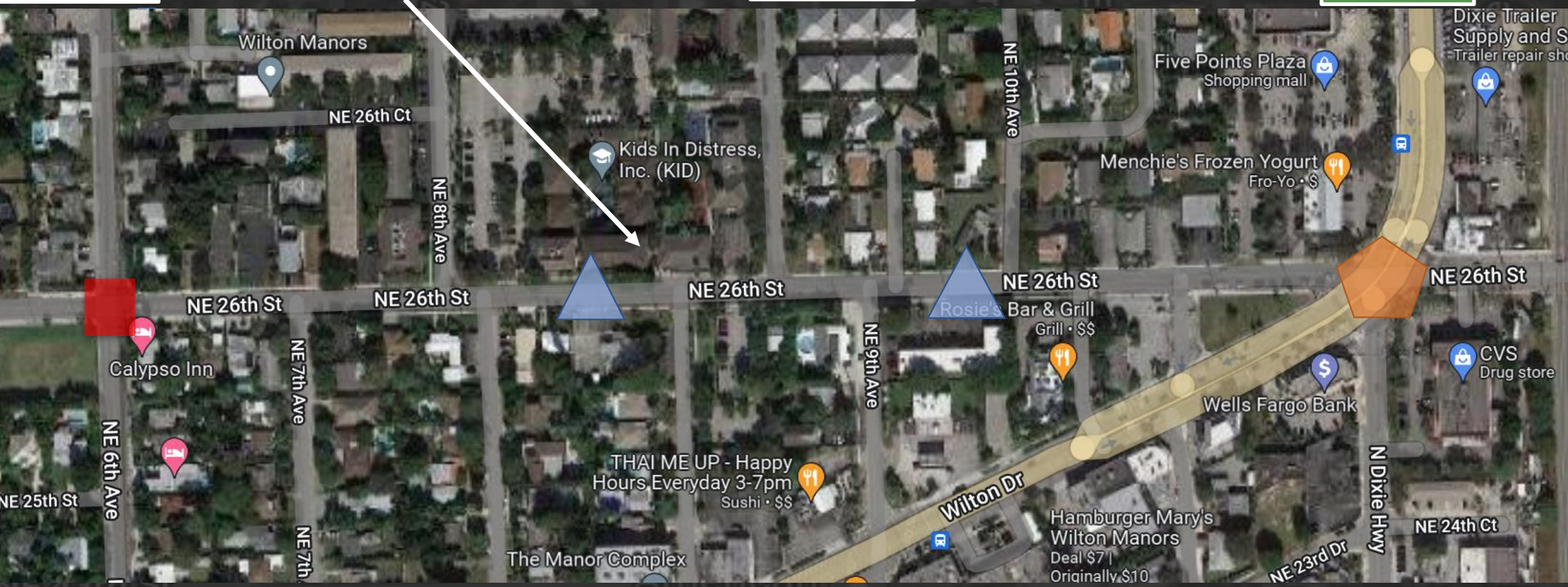
-  **Raised Intersection**
-  **Speed Table**
-  **Roundabout**

NE 6<sup>th</sup> Ave

Paint existing bike lanes green throughout

NE 9<sup>th</sup> Ave

Wilton Dr.



**Raised Intersection**

**Speed Table**

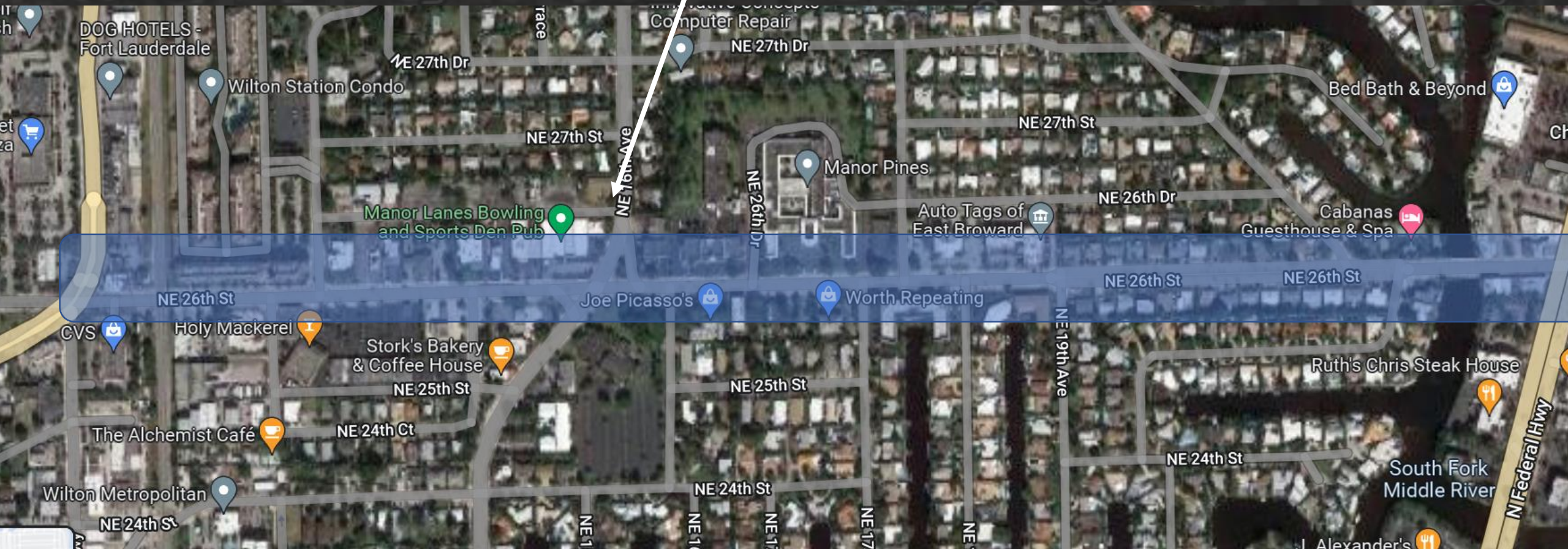
**Roundabout**



# Road diet w/ protected bike lanes (long term)

Wilton Dr.

N. Federal Hwy



North

Google

# Public Input



[browardmpo.org](http://browardmpo.org)

# PUBLIC INPUT “POP-UP” EVENTS

- ❑ **November 19 / Wilton Manors**  
**Equality Garden Club Plant Fair**  
**Richardson Park**  
**9 a.m. to 11 a.m.**
- ❑ **December 3 / Oakland Park**  
**Holiday Village**  
**Jaco Pastorius Park**  
**11 a.m. to 1 p.m.**



**Volunteers Welcomed & Appreciated!**

# Preview: First / Last Mile Pedestrian Network “The Safe System”



# Slowing Down at Pedestrian Crossings



U.S. Department of Transportation  
Federal Highway Administration

<https://www.youtube.com/watch?app=desktop&v=Ws8wOmq4uaE&feature=youtu.be>

# NEXT STEPS / Q&A

## □ Next Steps

- **Distribute Steering Group Input Summary:**
  - **FLM Toolbox**
  - **Bike Boulevard Concept**
- **Continue Building GIS Data Map of Study Area**
  - **Steering Group Input: Sidewalk Gaps (Zone A)**
- **Continue Developing FLM Strategies / Improvements**
  - **FLM “The Safe System” Pedestrian Network**

## □ Q&A / Thank you!

[www.browardmpo.org/commuter-rail-first-last-mile-plan](http://www.browardmpo.org/commuter-rail-first-last-mile-plan)