



# **VISION ZERO PROGRAM MUNICIPAL COORDINATION #2**

**May 24, 2023**

PRESENTED BY

**MIAMI-DADE COUNTY DEPARTMENT OF  
TRANSPORTATION AND PUBLIC WORKS (DTPW)**

# Agenda

- Director's Message
- DTPW Vision Zero Team
- Program Goal & Mission
- Progress to Date
- Upcoming Efforts
- 2023 Action Plan Update
- Municipal Safety Priorities
- FY23 Safe Streets and Roads for All (SS4A) Grant
- Questions & Answers

# Director's Message



**EULOIS CLECKLEY**

DTPW Director & CEO

# DTPW Vision Zero Team



**LISA COLMENARES, AICP**  
Chief Planning Officer



**IVAN JIMENEZ, EI**  
Vision Zero Program  
Manager



**PAOLA BAEZ, PE**  
Chief of Multimodal Development



**GABRIELLA SERRADO**  
Vision Zero Program  
Consultant Support

# Program Goal and Mission

## Goal

To end all traffic  
fatalities and  
serious injuries by  
**2040**

## Mission

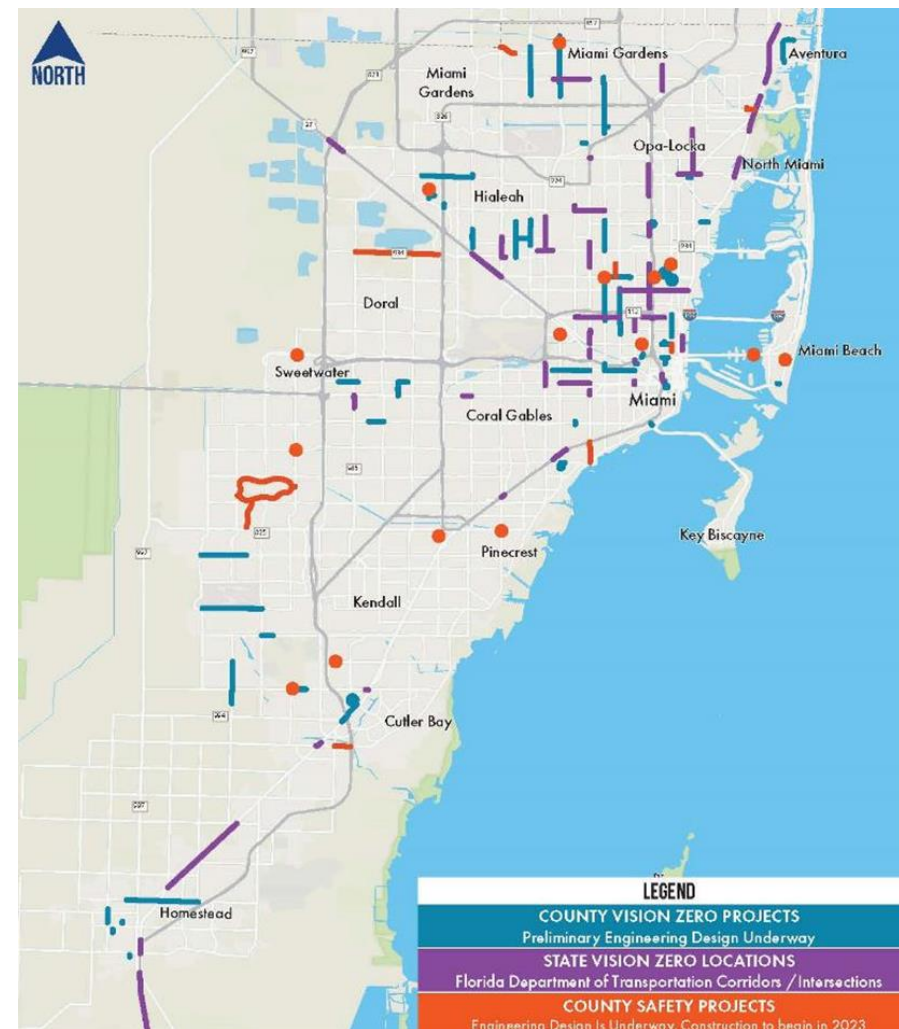
To increase **safe**,  
reliable, sustainable,  
and equitable  
**mobility  
for all**



# Progress to Date

## 2021 Vision Zero Framework Plan

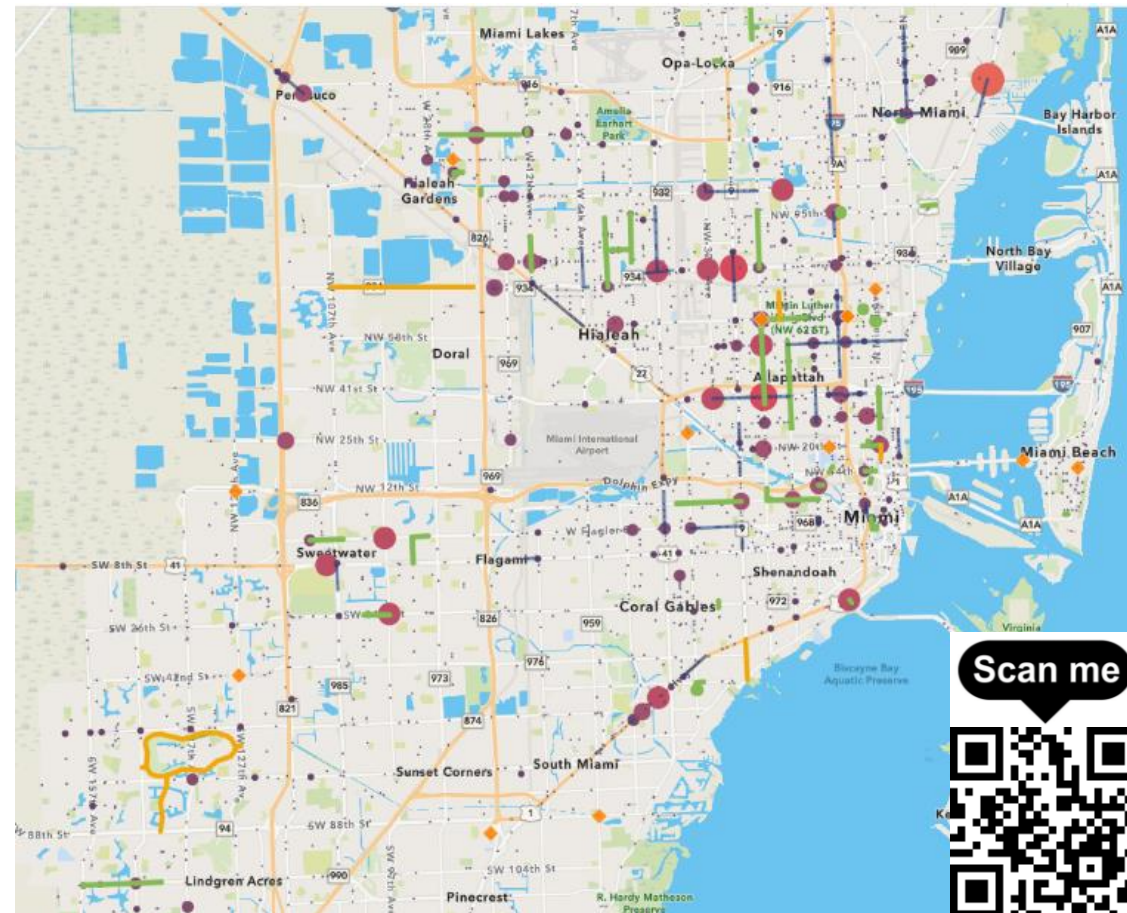
- Ongoing planning and funding determination for Top 100 Safety Priority Locations
- Locations prioritized based on crash severity, crash density, located in disadvantaged community, and proximity to transit
- 55 locations are in County/Municipal roads
- 45 locations are in FDOT roads



# Progress to Date

## GIS Online Map

- Online map open to DTPW staff and municipal partners with 25 Safety Projects, Top 100 Safety Priority Locations, crash data, and more
- Crash data will be updated in June to include 2018-2022 Fatal and Serious Injury Crashes



[bit.ly/DTPWVisionZeroMap](https://bit.ly/DTPWVisionZeroMap)

# Progress to Date

## Community Outreach

- All outreach efforts done in English, Spanish, and Creole
- 41 in-person outreach events
  - 60% in equity neighborhoods
- Online survey map
  - 570 comments and over 6,100 visits
- Fact Sheets
- Municipal Partnerships
- Social Media Posts



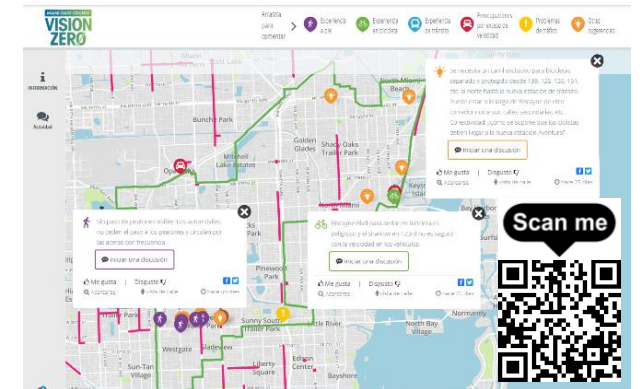
Join our **Miami-Dade County Vision Zero Team** at the

**Bike305**  
Ride of Silence

**Crandon Park Marina Parking Lot**

**MAY 17, 2023**  
6:00 p.m. Arrival  
6:40 p.m. Key Remarks  
7:00 p.m. Bike Ride

Contact Bike 305 Manager  
Sue Kawalerski to reserve



[www.miamidade.gov/VisionZero](http://www.miamidade.gov/VisionZero)



# Progress to Date

## 25 Safety Projects

- 68% of these projects are in disadvantaged communities
- 4 In Design
- 14 Under Construction/Scheduled for 2023
- 4 Construction Scheduled for 2024
- 3 Completed



SW 142 Ave. from SW 68 St. to SW 88 St.  
(Under Construction)

# Progress to Date

## Completed Safety Projects

N Miami Ave. from NW 17 St. to NW 20 St.

- Realigned bicycle lane geometry crossing the FEC/Brightline railroad crossing
- Added green bicycle pavement markings and delineators



N Miami Ave. south of NW 20 St.  
looking North

# Progress to Date

## Completed Safety Projects

### Downtown Micromobility Network Protection Elements

- Added buffer pavement markings, concrete curbs and wheelstops, and delineators
  - N Miami Ave. from Flagler St. to NE 11 St.
  - NE 1 Ave. from Flagler St. to NE 10 St.
  - N 5 St. from NW 3 Ave. to NE 2 Ave.
  - N 6 St. from NW 3 Ave. to NE 2 Ave.



NW 5 St. and NW 2 Ave.  
looking East



# Progress to Date

## Completed Safety Projects

### NW 20 St. and NW 10 Ave.

- Implemented Leading Pedestrian Interval (LPI)
  - Gives pedestrians a 3–7 second head start when entering the intersection
  - Increases the visibility of MDC Medical Campus students crossing NW 10 Ave. to the parking garage
  - Shown to reduce pedestrian-vehicle collisions as much as 13% (FHWA Proven Safety Countermeasures)



NW 20 St. and NW 10 St.  
Southeast Corner



# Upcoming Efforts

- 30% Design of 55 Top 100 Safety Priority Locations in County/Municipal roads
- Creation of a Vision Zero Dashboard
  - Will visualize different trends and cross-sections in crash data
- Targeted Project Outreach and Safety Education Campaigns
  - To inform residents of new safety countermeasures in their neighborhood

**MIAMI-DADE COUNTY**  
**VISION ZERO**

**DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS (DTPW)**  
**PROJECT FACT SHEET**

NW 7th Street between NW 32nd Avenue and NW 30th Court  
Safety Improvements

**PROGRAM GOAL**

Miami-Dade's Vision Zero goal is to end traffic fatalities and serious injuries by 2040, while increasing safe, reliable, sustainable, and equitable mobility for all.

**PROJECT DESCRIPTION**

The segment of NW 7th Street between NW 32nd Avenue and NW 30th Court has been identified as a safety priority due to the number of fatal and serious injury crashes between 2017 and 2021. To enhance safety at this location, it was determined that a new midblock pedestrian crossing is warranted at this location and will be advanced to evaluate preliminary engineering design.

**CRASH HISTORY**

Key findings include:

- 110 total crashes reported, 4 involving bicyclist or pedestrian
- 1 fatal crash involving a car and a pedestrian in 2017
- 1 serious injury crash involving a car and a pedestrian in 2018

\*2017 to 2021 crash data from the University of Florida's Signal Four Analytics (S4), Florida Department of Highway Safety and Motor Vehicles (FLHSMV) and the Florida Department of Transportation (FDOT)

**PROJECT BENEFITS**

- Increase the visibility of pedestrians and bicyclists crossing at this mid-block location
- Raise awareness for pedestrians, bicyclists and motorists of potential conflict areas
- Improve pedestrian and bicycle safety by providing a designated crossing area along the corridor where there has been an observed demand.

**GET INVOLVED**

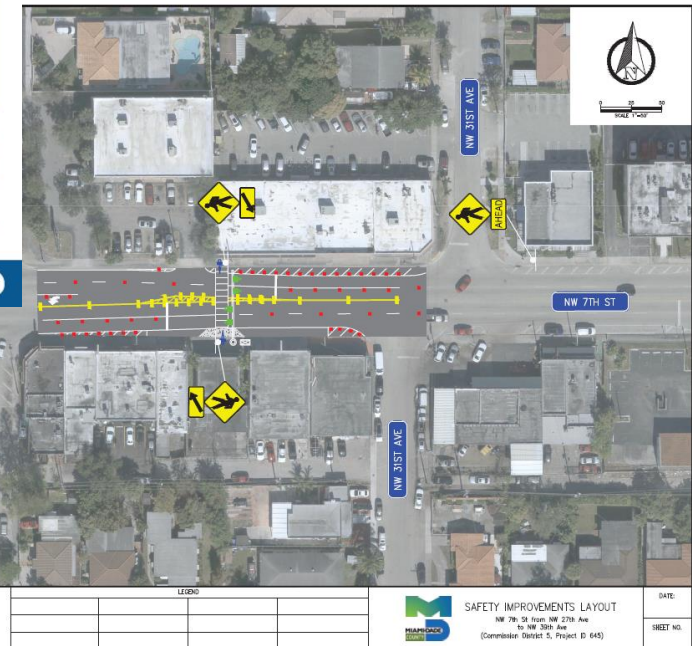
Public participation and feedback are key to our process. Your suggestions to enhance improvements in the area are welcome. You can participate by:

- Contacting Ivan Jimenez at 786-469-5078 or [Ivan.Jimenez@miamidade.gov](mailto:Ivan.Jimenez@miamidade.gov) to provide comments and receive information on the project.
- Visiting [MiamiDade.gov/VisionZero](https://miamidade.gov/VisionZero) to take our Community and Project Surveys.

**EXAMPLE IMPROVEMENT**

**VISION ZERO**

Miami-Dade County  
Vision Zero Implementation Plan  
Corridor: DP215-DP216-DE217 | Web Order No: M-CP215B-001-00





# **2023 ACTION PLAN UPDATE**

# 2023 Action Plan Update

A proactive multimodal transportation safety initiative that prioritizes **equity and data**.



Builds on the 2021 Vision Zero Framework Plan's principles and action strategies

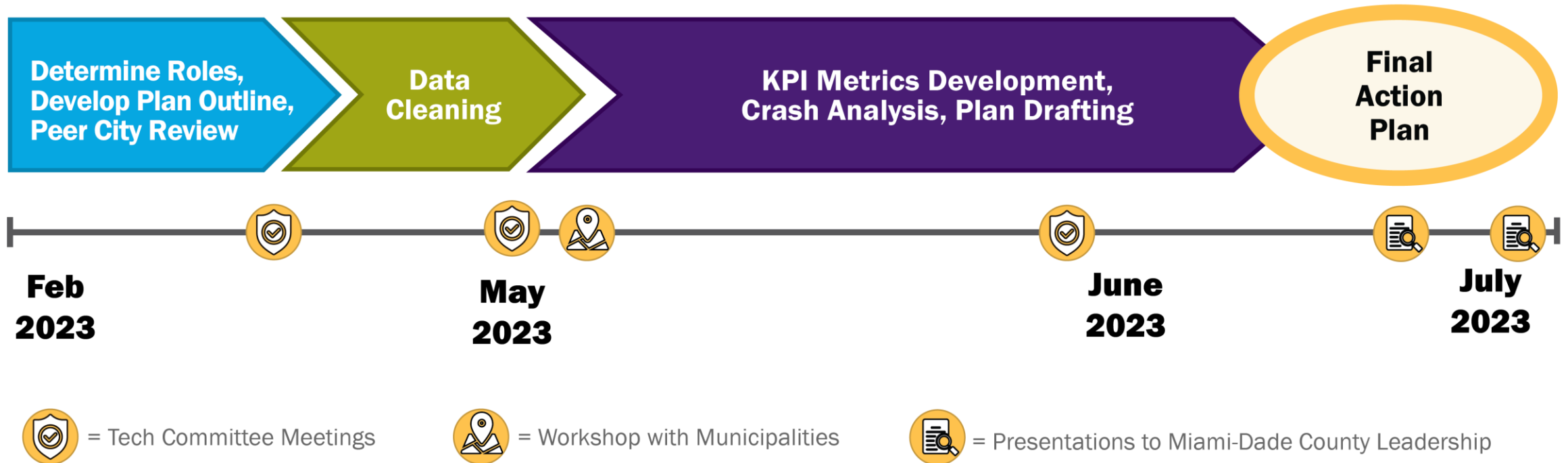


Establishes the county's High Injury Network (HIN) and Key Performance Indicators (KPIs)



# 2023 Action Plan Update

## Timeline





# 2023 Action Plan Update

## Outline



### Executive Summary

1. Letter from Mayor Levine-Cava
2. Letter from DTPW Director Cleckley



### Introduction

1. Vision Zero & Safe Systems Approach Overview
2. Program Overview
3. Existing & Upcoming Municipal VZ Plans
4. FDOT Target Zero Plan
5. DTPW Progress-to-Date



### Plan Update

1. Methodology
2. High Injury Network (HIN)
3. Municipal Vision Zero and Safety Priorities
4. Key Performance Indicators (KPIs)



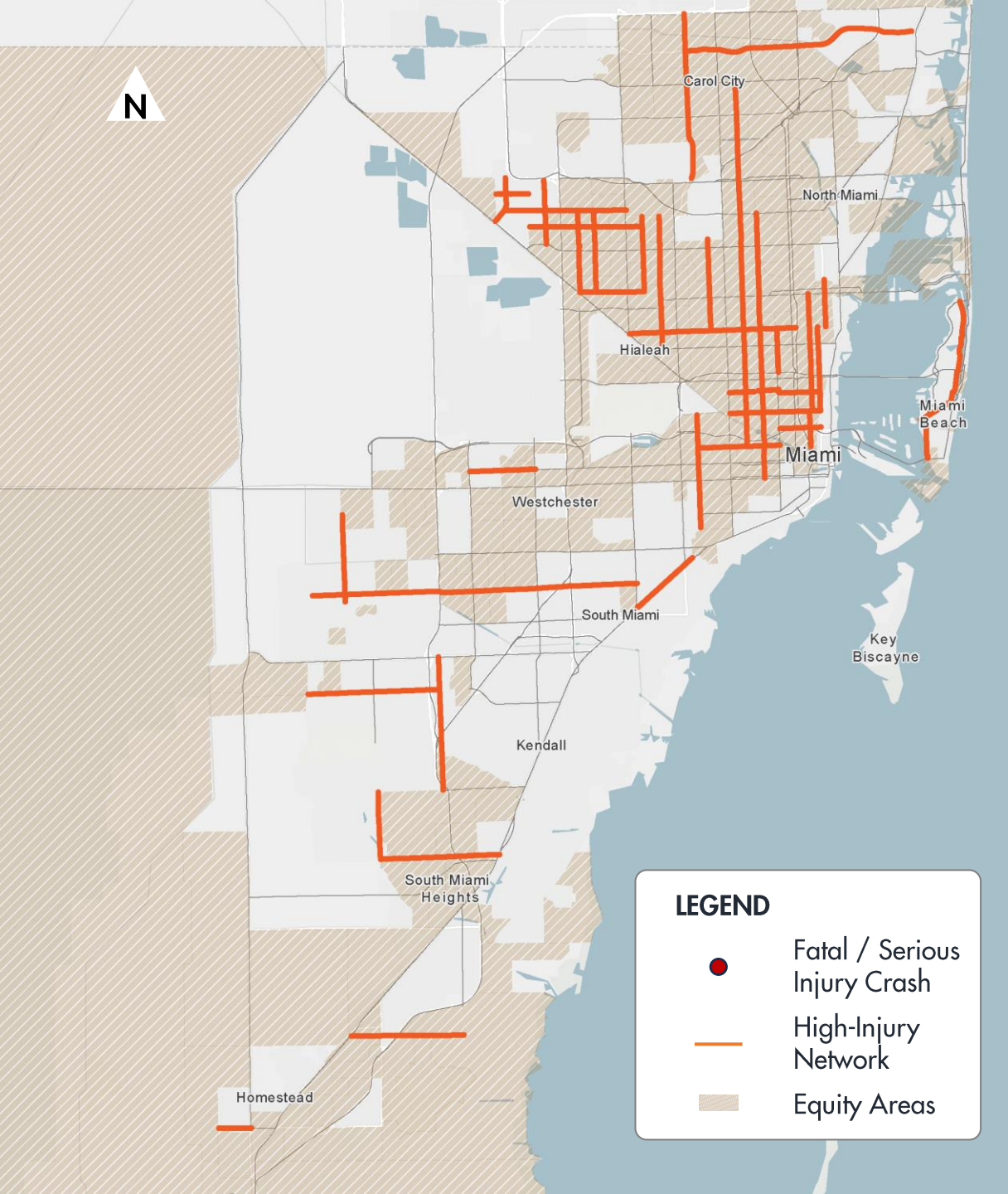
### Implementation Actions & Conclusion

1. Steps & Targets
2. Achievement Timelines

# 2023 Action Plan Update

## DTPW's High Injury Network (HIN)

- 2018-2022 fatal & serious injury crashes
  - 7,314 on all roads
  - 2,505 (34%) on all County/Municipal roads
- 40 corridors account for approximately 31% of the 2,505 crashes in 1.2% of the total County/Municipal centerline miles
- HIN Development Methodology:
  - Excludes FDOT roads
  - Prioritizes vulnerable road users



# Municipal Safety Priorities

Congratulations FY 22 SS4A Action Plan grant awardees!

- City of North Miami Beach
- City of Opa-Locka
- Village of Palmetto Bay
- City of Miami Beach

Has your municipality adopted or is developing a Safety or Vision Zero Action Plan ?



MIAMIBEACH



# Municipal Safety Priorities

- DTPW's 2023 HIN can help your municipality prioritize safety improvements
- Consider including your municipal safety priorities in our 2023 Action Plan Update to make your municipality eligible for local, state, or federal funding

**Tell us your municipality's Top 3 safety priorities by Friday, June 2**







# **FY 23 SAFE STREETS & ROADS FOR ALL (SS4A) GRANT**

# FY23 SS4A GRANT

- Purpose: To reduce or eliminate roadway fatalities and serious injuries for all users
- Deadline: Monday, July 10 at 5:00 PM
- 20% Local Match Required
- Types of Grants
  - Planning & Demonstration Grants
    - \$100,000 - \$10,000,000
  - Implementation Grants
    - \$2,500,000 - \$25,000,000



BILLING CODE 4910-9X

DEPARTMENT OF TRANSPORTATION  
Office of the Secretary of Transportation  
DOT-OST-2023-0048  
USDOT FY23 Safe Streets and Roads for All Funding

AGENCY: Office of the Secretary of Transportation, U.S. Department of Transportation (DOT or the Department)

ACTION: Notice of Funding Opportunity (NOFO), Assistance Listing # 20 939

SUMMARY: The purpose of this notice is to solicit applications for Safe Streets and Roads for All (SS4A) grants. Funds for the fiscal year (FY) 2023 SS4A grant program are to be awarded on a competitive basis to support planning, infrastructure, behavioral, and operational initiatives to prevent death and serious injury on roads and streets involving all roadway users, including pedestrians, bicyclists, public transportation, personal conveyance, and micromobility users; motorists; and commercial vehicle operators.<sup>1</sup>

DATES: Applications must be submitted by 5:00 PM EDT on Monday, July 10, 2023. Late applications will not be accepted.

ADDRESSES: Applications must be submitted via Valid Eval, an online submission proposal system used by USDOT, at [https://usg.valideval.com/teams/usdot\\_ss4a\\_2023\\_implementation/signup](https://usg.valideval.com/teams/usdot_ss4a_2023_implementation/signup) for Implementation Grant applicants, and [https://usg.valideval.com/teams/usdot\\_ss4a\\_2023\\_planning\\_demo/signup](https://usg.valideval.com/teams/usdot_ss4a_2023_planning_demo/signup) for Planning and Demonstration Grants. Customer support for Valid Eval can be reached at [support@valideval.com](mailto:support@valideval.com).

FOR FURTHER CONTACT INFORMATION: Please contact the SS4A grant program staff via email at [SS4A@dot.gov](mailto:SS4A@dot.gov), or call Paul Teicher at 202-366-4114. A telecommunications device for the deaf (TDD) is available at 202-366-3993. In addition, DOT will regularly post answers to questions and requests for clarifications, as well as schedule information regarding webinars providing additional guidance, on DOT's website at <https://www.transportation.gov/grants/SS4A>. The deadline to submit technical questions is June 16, 2023. The NOFO is listed under opportunity number DOT-SS4A-FY23-01 at [grants.gov](https://www.transportation.gov/grants).

SUPPLEMENTARY INFORMATION: Each section of this notice contains information and instructions relevant to the application process for SS4A grants, and all applicants should read this notice in its entirety so that they have the information they need to submit eligible and competitive applications.

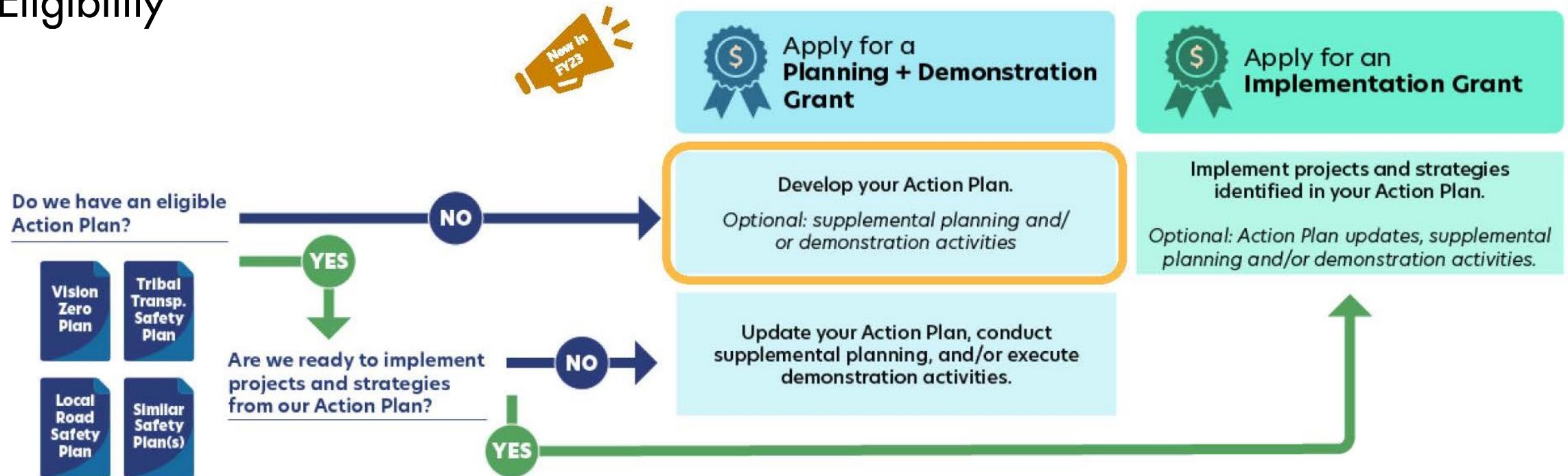
Section	Content
N/A	Summary Information
A	Program Description
B	Federal Award Information
C	Eligibility Information
D	Application and Submission Information
E	Application Review Information
F	Federal Award Administration Information
G	Federal Awarding Agency Contacts

<sup>1</sup>The term "pedestrians" is inclusive of all users of the pedestrian infrastructure, including persons with disabilities.

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# FY23 SS4A GRANT

## Eligibility



See the Self-Certification Eligibility Worksheet at [transportation.gov/grants/ss4a](https://transportation.gov/grants/ss4a) to determine if your plan is eligible!

Source: [US DOT SS4A webinar](#)



# FY23 SS4A GRANT

## Planning & Demonstration Grants

- Three types of activities:
  - Action Plan
  - Supplemental Planning
    - Sub-area plans, Road Safety Audits, Equity Assessments, Engagement, etc.
  - Demonstration Activities
    - Feasibility Studies or Pilot Programs for Engagement Campaigns or use of Technology/ITS





# FY23 SS4A GRANT

## Planning & Demonstration Grants

- Can apply for Supplemental Planning or Demonstration Activities using DTPW's 2021 Framework Plan as long as:
  - Location is identified in the 2021 Framework Plan
  - Have secured local match (20%)
  - DTPW reviews and concurs that the proposal informs the 2021 Framework Plan

**Deadline for submitting requests to DTPW  
Vision Zero: Friday, June 2**

E-mail all requests to [Ivan.Jimenez@miamidade.gov](mailto:Ivan.Jimenez@miamidade.gov)



# FY23 SS4A GRANT

## Implementation Grants

- DTPW to submit joint application with the Miami-Dade TPO
- Total Request: \$20M for 25 projects
  - 15 Implementation Projects
  - 7 Supplemental Planning Projects
    - 5 Road Safety Audits on 2023 HIN corridors
    - Creation of Community & Technical Committees
    - Development of Advanced Dashboard
  - 3 Demonstration Projects
    - Bicycle Facility Protection Elements at 3 Locations
    - HIN Unreported Crash Data Pilot Project
    - Video Safety Analysis using Innovative Technology Pilot Project

### SS4A Implementation Grant Application



# FY23 SS4A GRANT

## 15 Implementation Projects

LOCATION	MUNICIPALITY	MAINTENANCE
SW 59 St. and SW 133 Ave.	Unincorporated	County
SW 59 St. and SW 137 Ct.	Unincorporated	County
NW 22 Ave. b/n NW 91 St. and NW 92 St.	Unincorporated	County
NW 22 Ave. b/n NW 81 St. and NW 81 Ter.	Unincorporated	County
NW 62 St. and NW 21 Ave.	Unincorporated	County
NW 22 Ave. b/n NW 33 St. and NW 34 St.	Unincorporated	County
SW 136 St. and SW 138 Ave.	Unincorporated	County
N Miami Ave. and N 60 St.	Unincorporated	County



# FY23 SS4A GRANT

## 15 Implementation Projects

LOCATION	MUNICIPALITY	MAINTENANCE
NW 17 Ave. b/n NW 52 St. and NW 53 St.	Miami	County
NW 7 St. near NW 38 Ct.	Miami	County
N Miami Ave. b/n N 24 St. and N 25 St.	Miami	County
NW 2 Ave. and NW 1 Pl.	Miami	County
E 4 Ave. b/n E 36 St. and E 37 St.	Hialeah	County
W 12 Ave. b/n W 37 St. and W 26 St.	Hialeah	County
W Flagler St. and SW 108 Ave.	Sweetwater	County

# FY23 SS4A GRANT

## 5 Road Safety Audits

LOCATION	MUNICIPALITY	MAINTENANCE
NW 22 Ave. from NW 7 St. to NW 183 St.	Miami Gardens, Opa-Locka, Miami & Unincorporated	County
NW 62 St. from Okeechobee Rd. to NW 6 Ave.	Miami, Hialeah, & Unincorporated	County
SW 56 St. from SW 157 Ave to SW 57 Ave	Unincorporated & South Miami	County
Pine Tree Dr. from W 63 St. to 23 St.	Miami Beach	County
SW 312 St. from SW 187 Ave. to Krome Ave.	Homestead	County

# FY23 SS4A GRANT

## Bicycle Facility Protection Elements

LOCATION	MUNICIPALITY	JURISDICTION
SW 72 St. from SW 147 Ave. to SW 137 Ave.	Unincorporated	County
SW 47 St. from SW 142 Ave. to SW 147 Ave.	Unincorporated	County
SW 142 Ave. from SW 182 St. to SW 154 St.	Unincorporated	County



SW 72 St.



SW 142 Ave.



SW 47 St.



# Questions & Answers



## Additional Questions

Email [Ivan.Jimenez@miamidade.gov](mailto:Ivan.Jimenez@miamidade.gov)

Questions will be addressed after the meeting



# THANK YOU