

# Vision Zero Safety Action Plan



North Miami City Council  
October 28, 2025





# Vision Zero Safety Action Plan (VZ SAP)

- VZ SAP Goal: Zero traffic crash fatalities and serious injuries by 2050
- USDOT Safe Streets and Roads for All (SS4A) grant
- Plan development started in January 2025
- Collaborative effort with partner agencies and community
- TODAY: Requesting the approval of VZ SAP!





# Components of Vision Zero Plan

Leadership Commitment and Goal Setting



Planning Structure



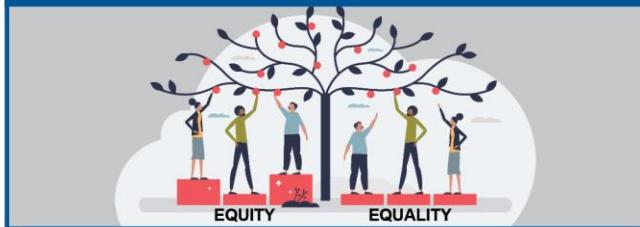
Safety Analysis



Engagement and Collaboration



Equity



Policy and Process Changes



Strategy and Project Selections



Progress and Transparency

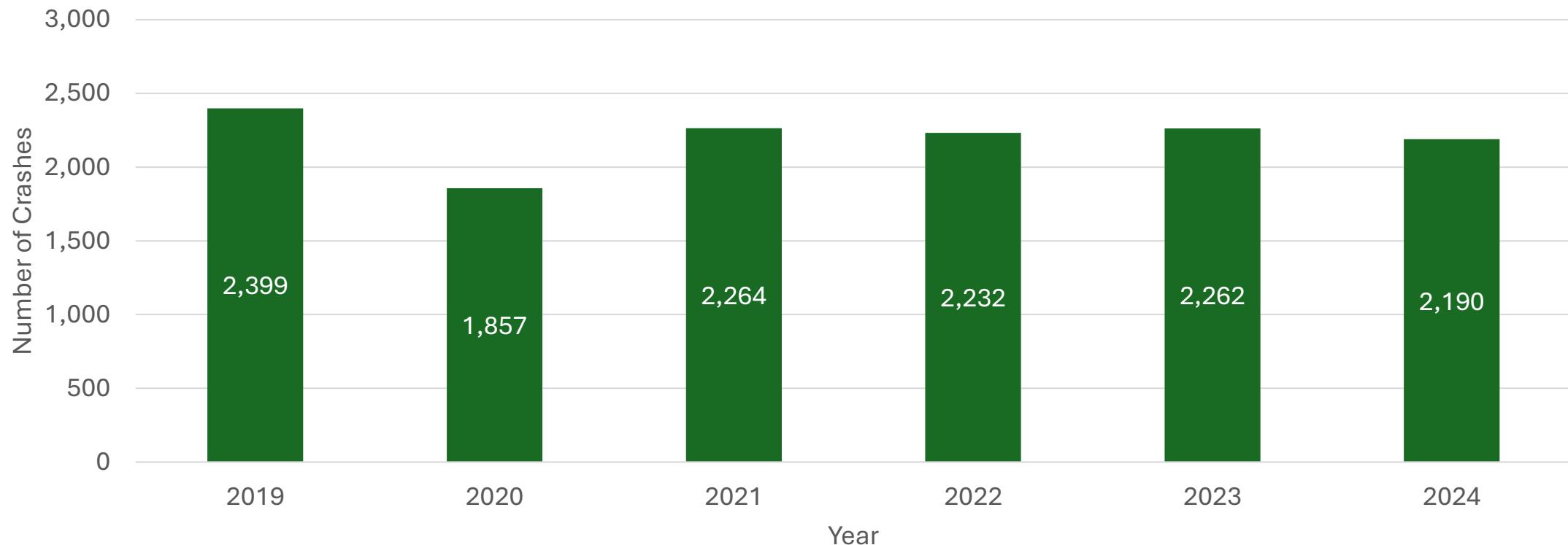


Safety Action Plan





# Crashes by Year (2019-2024)



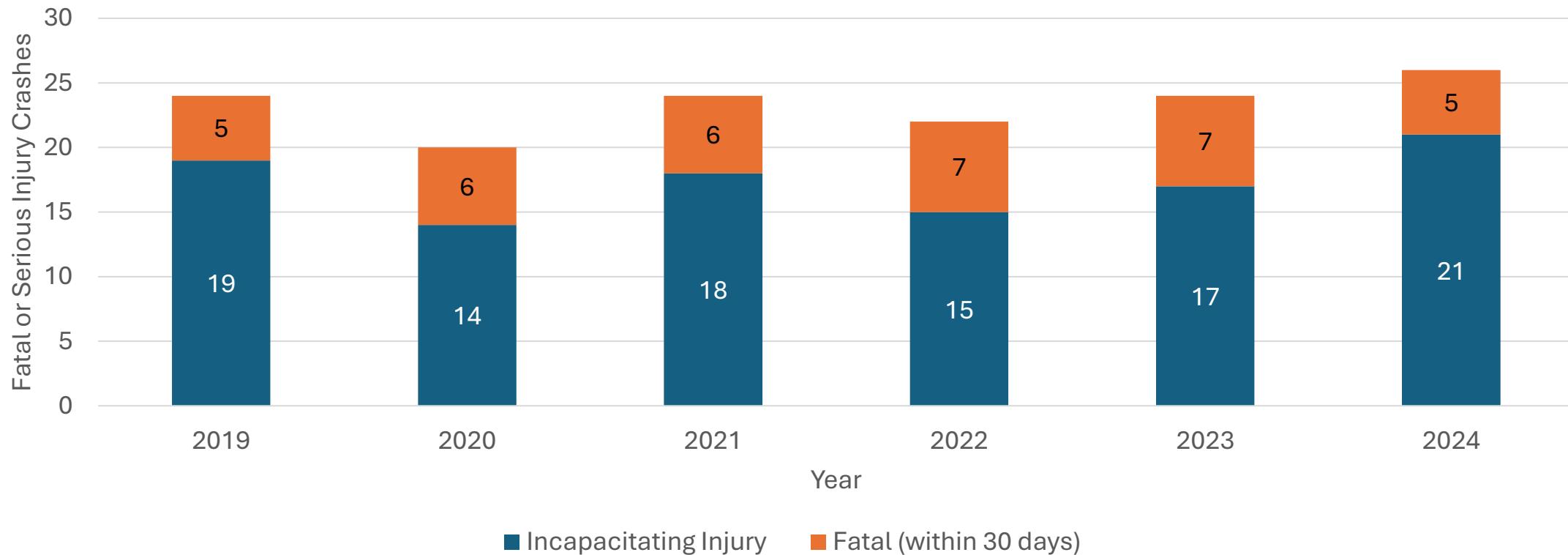
13,204 crashes in 6 years

35 fatal and 104 incapacitating injury crashes in 6 years

Using FDOT's unit crash costs, the average annual societal economic burden of crashes is ~\$150M



# Fatal and Serious Injury (FSI) Crashes



### FSI Crashes: 139 in 6 years (1.1% of total crashes):

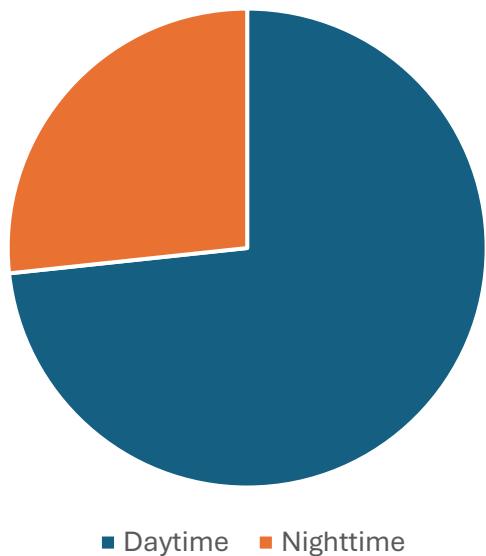
The average annual societal economic burden of FSI crashes is ~\$80 million.

113 crashes on State Roads and 26 crashes on Other (county and local) roads.

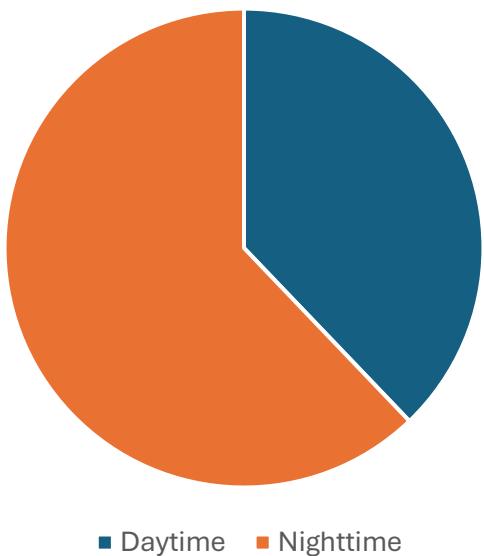


# Daytime vs. Nighttime Crashes

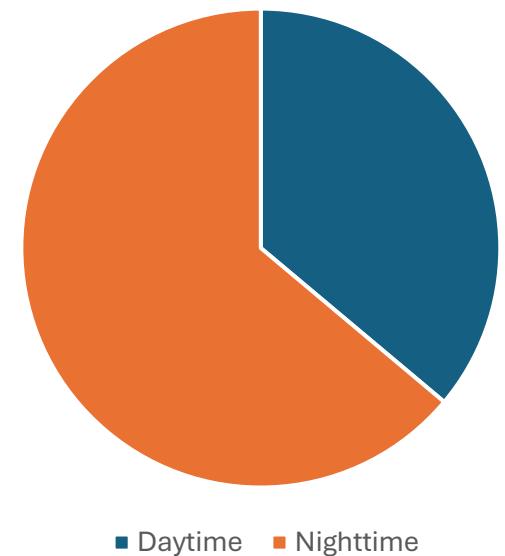
All Crashes



Fatal or Serious Injury Crashes



Fatal Crashes Only



■ Daytime ■ Nighttime

■ Daytime ■ Nighttime

■ Daytime ■ Nighttime

27%

62%

63%

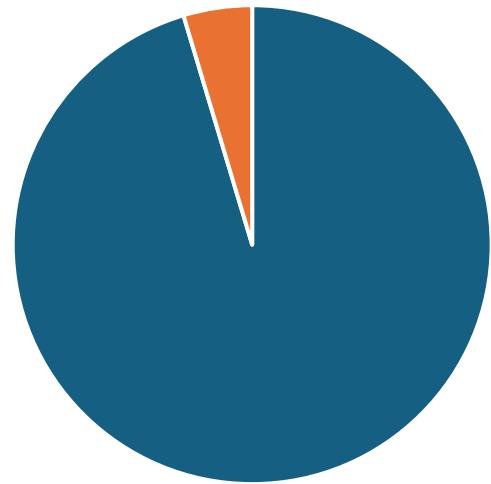




# Crashes Involving Vulnerable Road Users

Pedestrians, Bicyclists, and Motorcyclists

All Crashes (609)

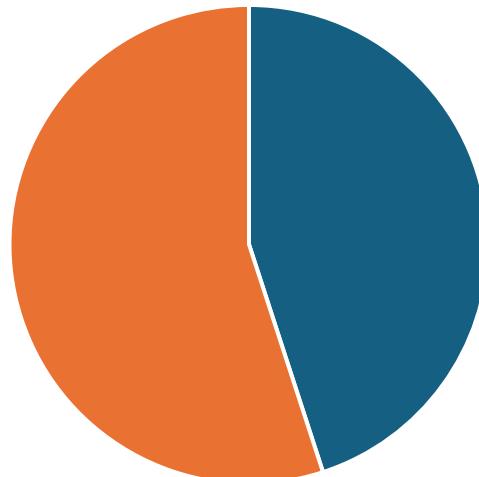


■ Non-VRU ■ VRU

5%



Fatal or Serious Injury Crashes (77)

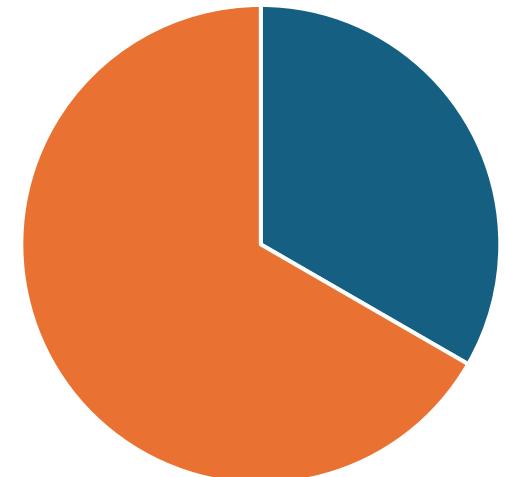


■ Non-VRU ■ VRU

55%



Fatal Crashes Only (24)



■ Non-VRU ■ VRU

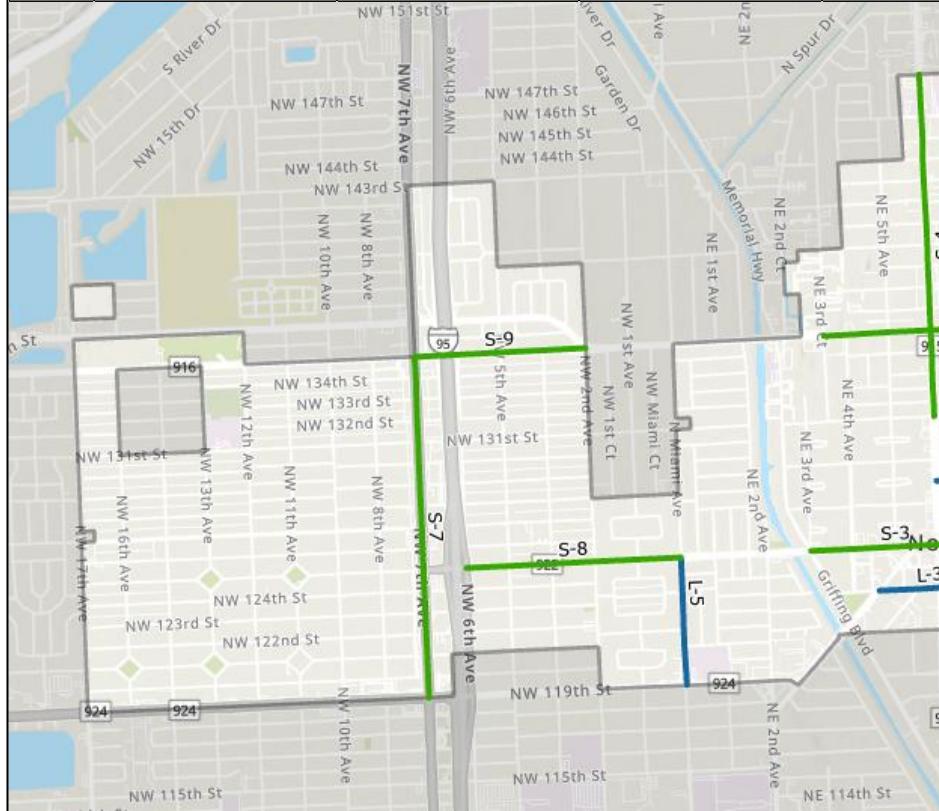
69%



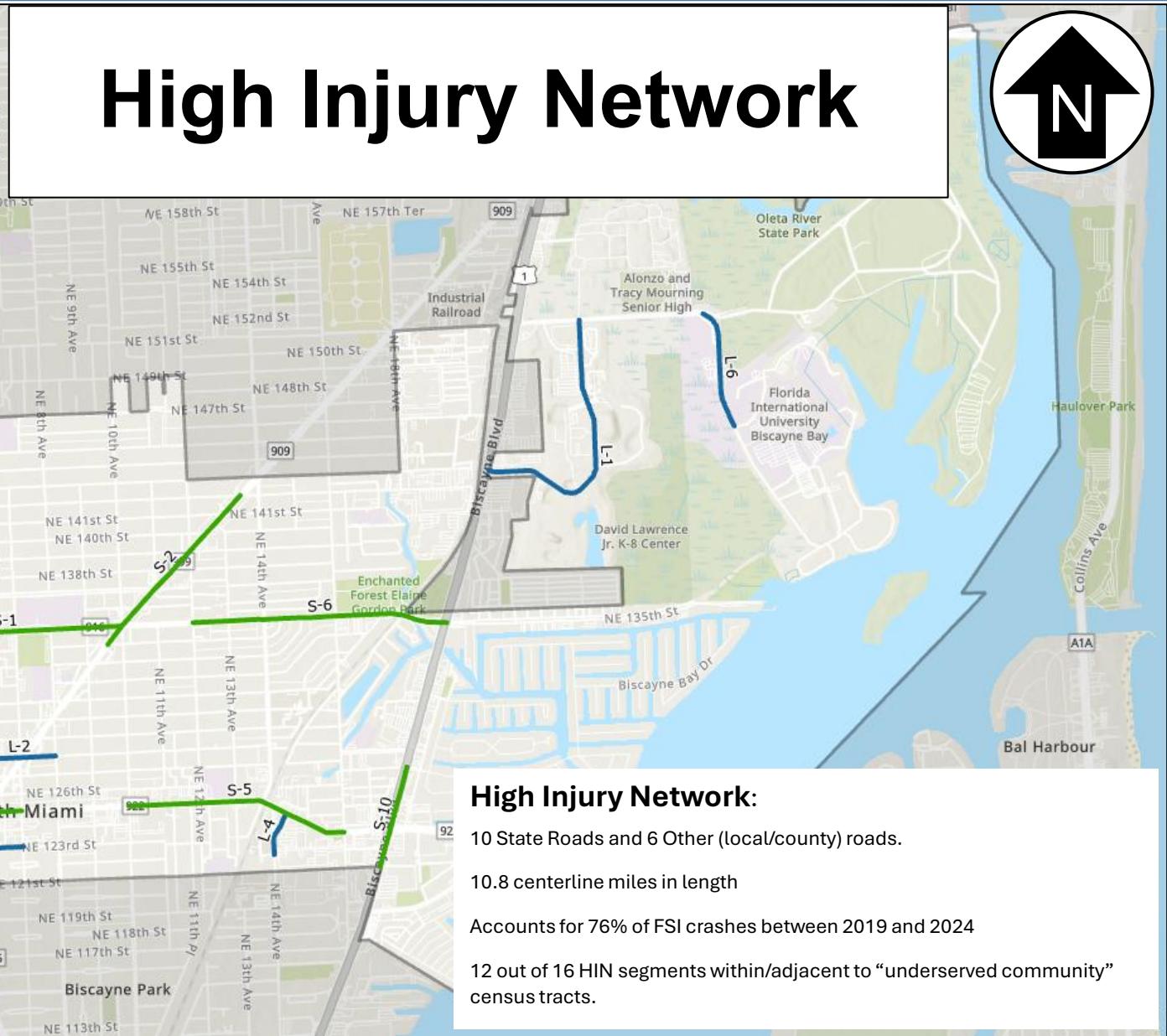
# Vision Zero Safety Action Plan



| Label | Roadway                    | Begin                    | End                | Maintaining Agency |
|-------|----------------------------|--------------------------|--------------------|--------------------|
| S-1   | SR-916/NE 135TH ST         | NE 3RD CT                | SR-909/W DIXIE HWY | FDOT               |
| S-2   | SR-909/W DIXIE HWY         | NE 134TH ST              | NE 142ND ST        | FDOT               |
| S-3   | SR-922/NE 125TH ST         | NE 3RD AVE/GRIFFING BLVD | NE 7TH AVE         | FDOT               |
| S-4   | SR-915/NE 6TH AVE          | NE 131ST ST              | NE 147TH ST        | FDOT               |
| S-5   | SR-922/N MIAMI BLVD        | NE 10TH AVE              | NE 16TH AVE        | FDOT               |
| S-6   | SR-916/NE 135TH ST         | NE 12TH AVE              | US-1/BISCAYNE BLVD | FDOT               |
| S-7   | US-441/NW 7TH AVE          | SR-924/NW 119TH ST       | SR-916/NW 135TH ST | FDOT               |
| S-8   | SR-922/NW 125TH ST         | NW 6TH AVE               | N MIAMI AVE        | FDOT               |
| S-9   | SR-916/NW 135TH ST         | US-441/NW 7TH AVE        | NW 2ND AVE         | FDOT               |
| S-10  | US-1/BISCAYNE BLVD         | NE 121ST ST              | NE 125TH ST        | FDOT               |
| L-1   | NE 143RD ST/SOLE MIA WAY   | US-1/BISCAYNE BLVD       | NE 151ST ST        | City               |
| L-2   | NE 128TH ST                | SR-915/NE 6TH AVE        | NE 8TH AVE         | City               |
| L-3   | NE 123RD ST                | SR-909/W DIXIE HWY       | NE 7TH AVE         | City               |
| L-4   | NE 14TH AVE/NE 14TH AVE RD | NE 13TH CT               | NE 123RD ST        | City               |
| L-5   | N MIAMI AVE                | SR-924/NW 119TH ST       | SR-922/NE 125TH ST | County             |
| L-6   | BAY VISTA BLVD             | NE 145TH ST              | NE 151ST ST        | County             |



## High Injury Network



### High Injury Network:

10 State Roads and 6 Other (local/county) roads.

10.8 centerline miles in length

Accounts for 76% of FSI crashes between 2019 and 2024

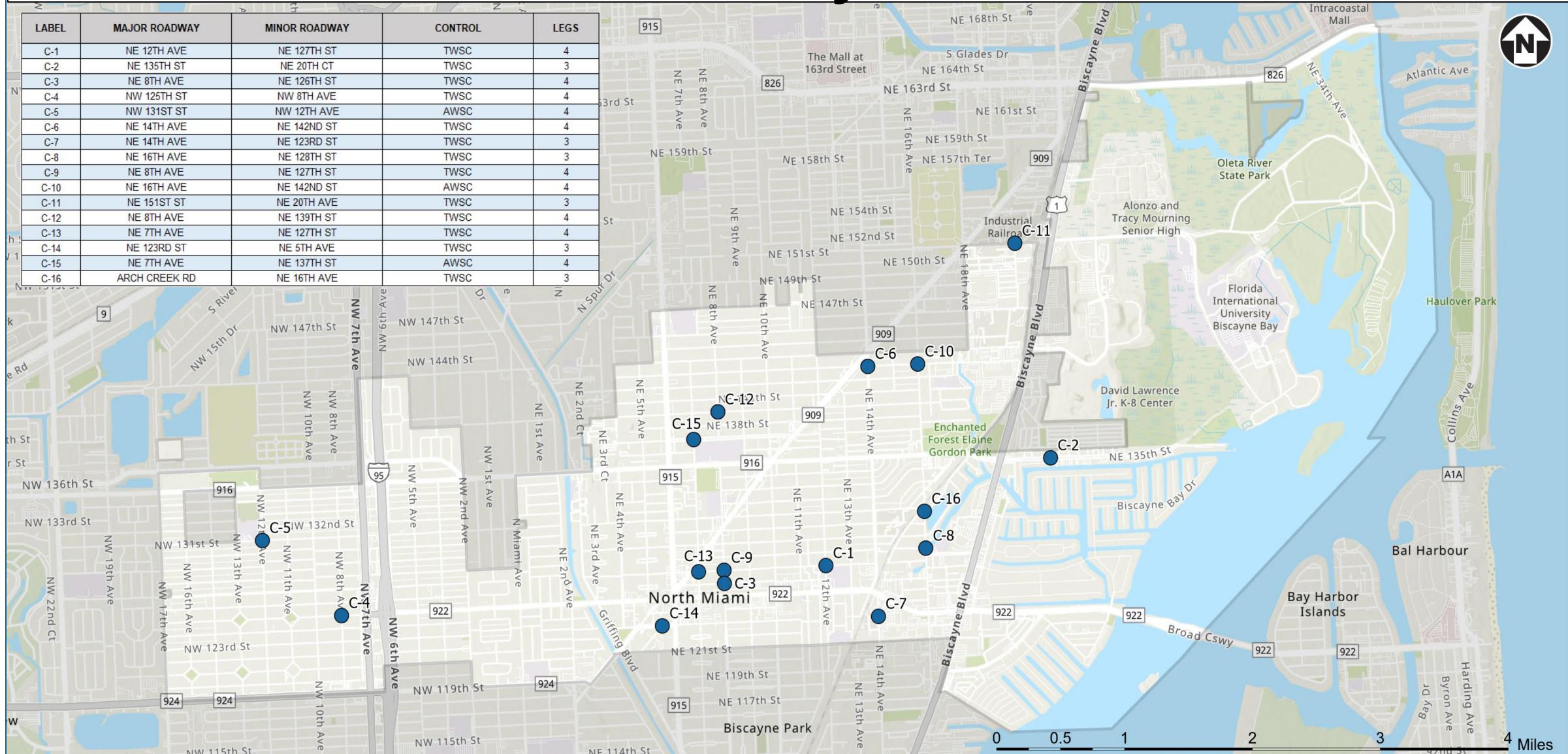
12 out of 16 HIN segments within/adjacent to “underserved community” census tracts.



# Vision Zero Safety Action Plan

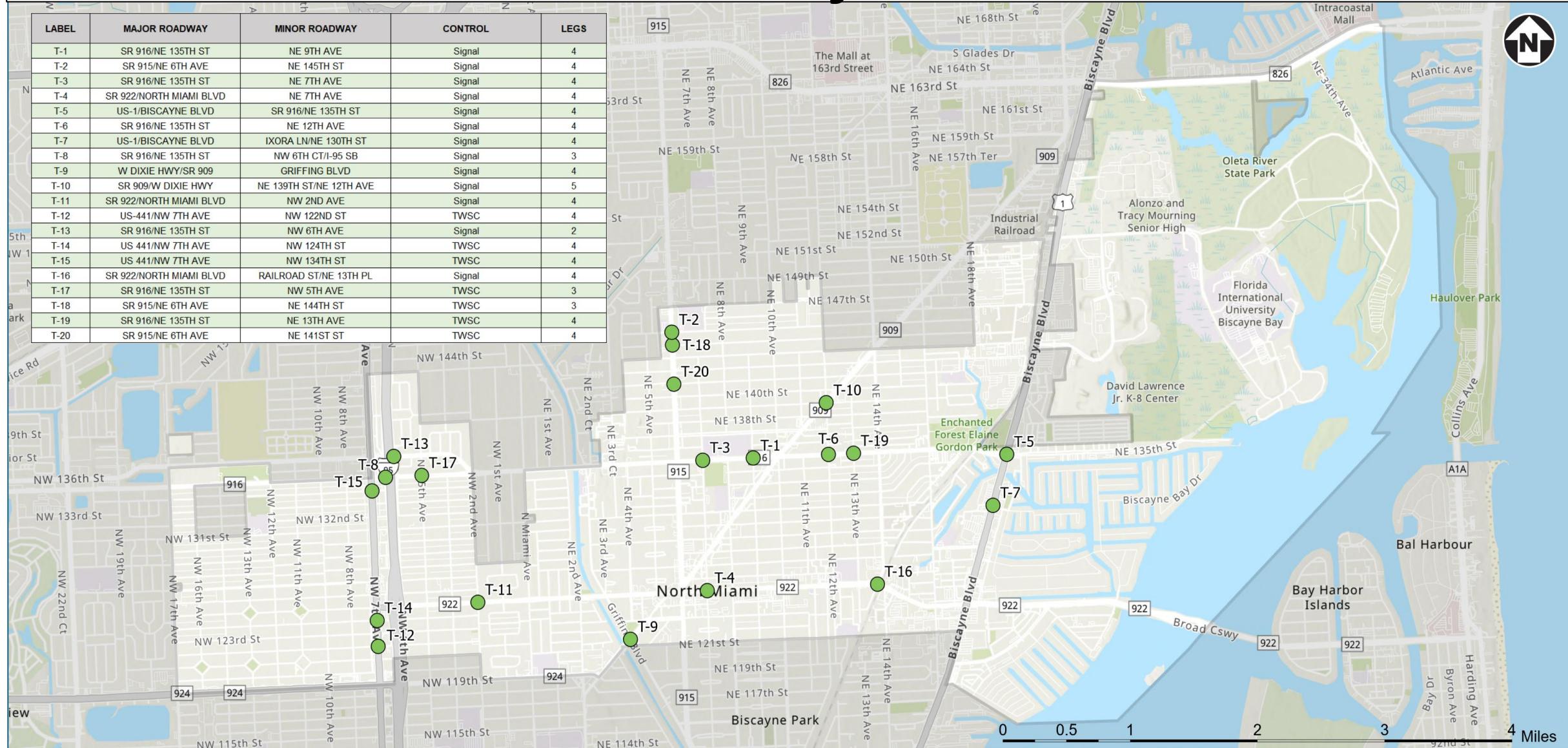


## Local Road Priority Intersections



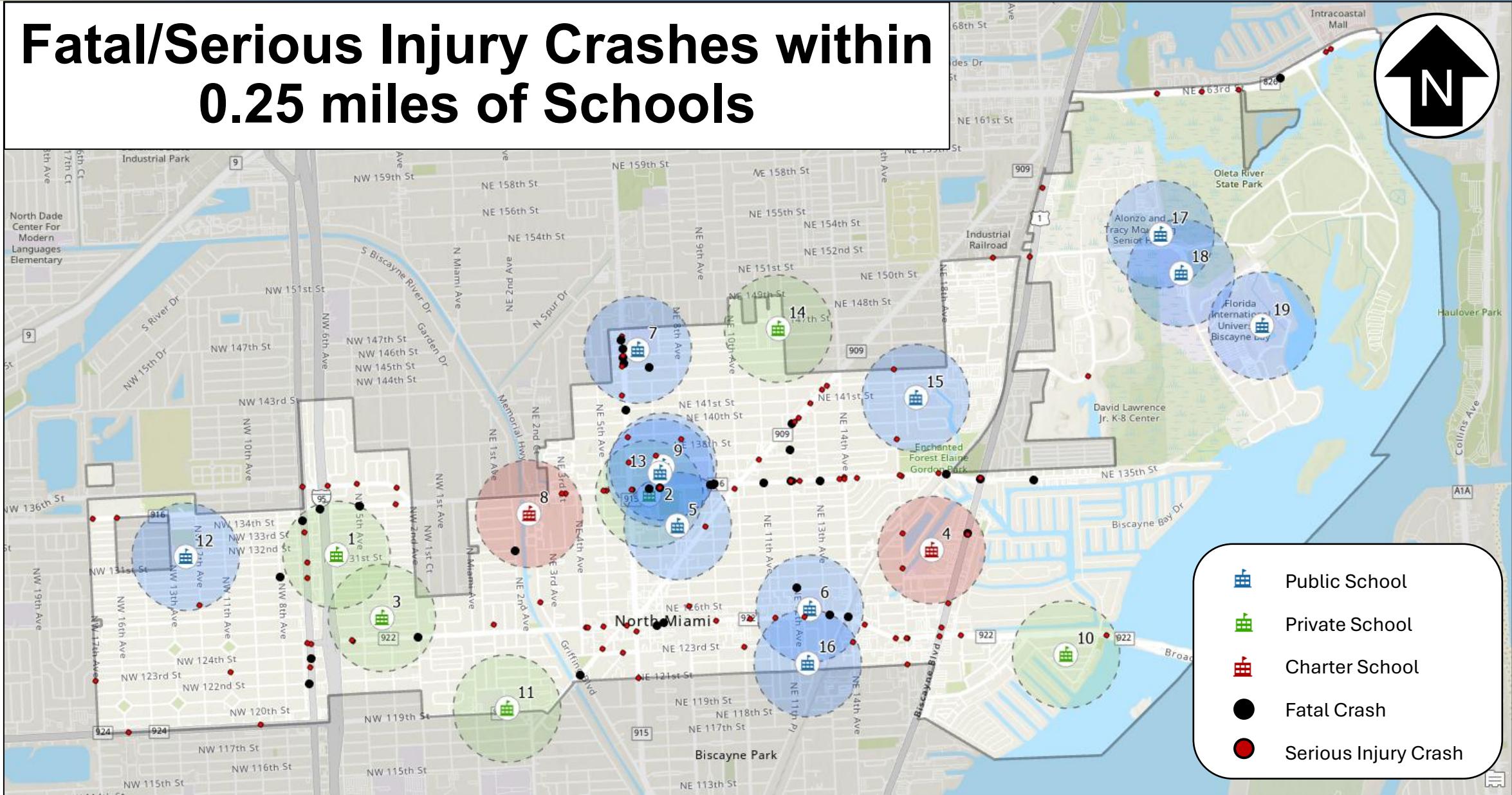


## State Road Priority Intersections





# Fatal/Serious Injury Crashes within 0.25 miles of Schools





# VZ Safety Improvement Strategies

### VZ Strategies

#### HIN and Priority Intersections

- Historical crash data based
- Field visits for select HIN locations
- Preliminary recommendations and sketches

#### Systemic Countermeasures

- Roadway network wide; targets risk factors (proactive)
- 6 Focus areas:
  - Signalized intersections
  - Local streets
  - Multi-lane roads
  - VRU crashes
  - Nighttime crashes
  - School areas

#### Policy and Process Changes

- Can be incorporated into the Comp Plan, Mobility Action Plan, Land Development Regulations, and Applications



# HIN Assessment and Strategies (Example)

## SEGMENT S-1: SR-916/NE 135TH ST

FROM NE 3RD CT TO SR-909/W DIXIE HWY

|              |                |
|--------------|----------------|
| AADT         | 37,000         |
| Length       | 0.82 Miles     |
| Speed limit  | 40 mph         |
| Func. Class  | Minor Arterial |
| No. of Lanes | 4              |

Is Located on an AoPP<sup>1</sup>  
Yes - Tract No. 2.18 & 3.09

| Crash History (2019 - 2024) |                    |
|-----------------------------|--------------------|
| No. of Crashes              | Severity           |
| 5                           | Fatality (K)       |
| 7                           | Serious Injury (A) |
| 162                         | Other Injury       |
| 590                         | No Injury          |
| <b>764</b>                  | <b>Total</b>       |

| Frequent Crash Types              |                 |
|-----------------------------------|-----------------|
| Rear End (41%)                    | Sideswipe (15%) |
| Angle (15%)                       | Left Turn (9%)  |
| Frequent Contributing Actions     |                 |
| Careless Driving (20%)            |                 |
| Failed to Yield Right-of-Way (9%) |                 |
| Followed Too Closely (9%)         |                 |

| Pedestrian      | Motorcyclist   | Bicyclist      | Nighttime         |
|-----------------|----------------|----------------|-------------------|
| 13 Crashes (2%) | 9 Crashes (1%) | 4 Crashes (1%) | 252 Crashes (33%) |
| 1 KA (8%)       | 2 KA (17%)     | 1 KA (8%)      | 10 KA (83%)       |



## Countermeasure

- Corridor access management (e.g., directional median openings, replace TWLTL with median or traffic separator)
- Replace existing corridor lighting with LED lighting
- Improve lighting at signalized intersections
- Install (flexible) backplates with retroreflective border to signal heads
- Add a protected left turn phase for all major road left turns
- Add audible push buttons at signalized intersections near schools or high pedestrian locations



<sup>1</sup> Area of Persistent Poverty



# Priority HIN Corridors with Planning Level Cost

| Segment Number   | Roadway                  | Begin                    | End                | Maintaining Agency | Preliminary Cost    |
|--|--------------------------|--------------------------|--------------------|--------------------|---------------------|
| S-1  | SR-916/NE 135TH ST       | NE 3RD CT                | SR-909/W DIXIE HWY | FDOT               | \$1,980,000         |
| S-2  | SR-909/W DIXIE HWY       | NE 134TH ST              | NE 142ND ST        | FDOT               | \$1,740,000         |
| S-3  | SR-922/NE 125TH ST       | NE 3RD AVE/GRIFFING BLVD | NE 7TH AVE         | FDOT               | \$680,000           |
| S-4  | SR-915/NE 6TH AVE        | NE 131ST ST              | NE 147TH ST        | FDOT               | \$940,000           |
| S-5  | SR-922/N MIAMI BLVD      | NE 10TH AVE              | NE 16TH AVE        | FDOT               | \$2,080,000         |
| S-6  | SR-916/NE 135TH ST       | NE 12TH AVE              | US-1/BISCAYNE BLVD | FDOT               | \$1,980,000         |
| S-7  | US-441/NW 7TH AVE        | SR-924/NW 119TH ST       | SR-916/NW 135TH ST | FDOT               | \$1,730,000         |
| L-1  | NE 143RD ST/SOLE MIA WAY | US-1/BISCAYNE BLVD       | NE 151ST ST        | City/private       | \$1,470,000         |
| L-2  | NE 128TH ST              | SR-915/NE 6TH AVE        | NE 8TH AVE         | City               | \$500,000           |
| <b>Preliminary Construction Total (does not include design fees)</b> |                          |                          |                    |                    | <b>\$13,100,000</b> |

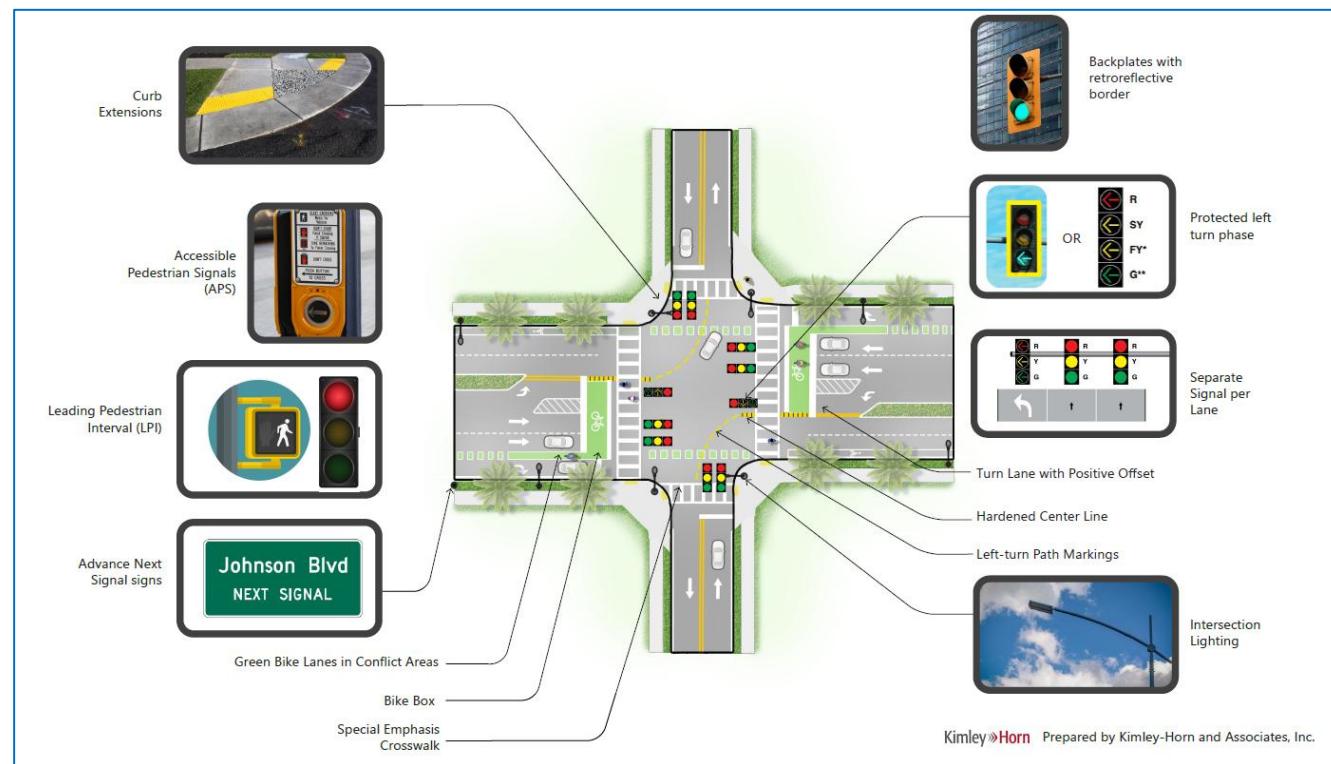
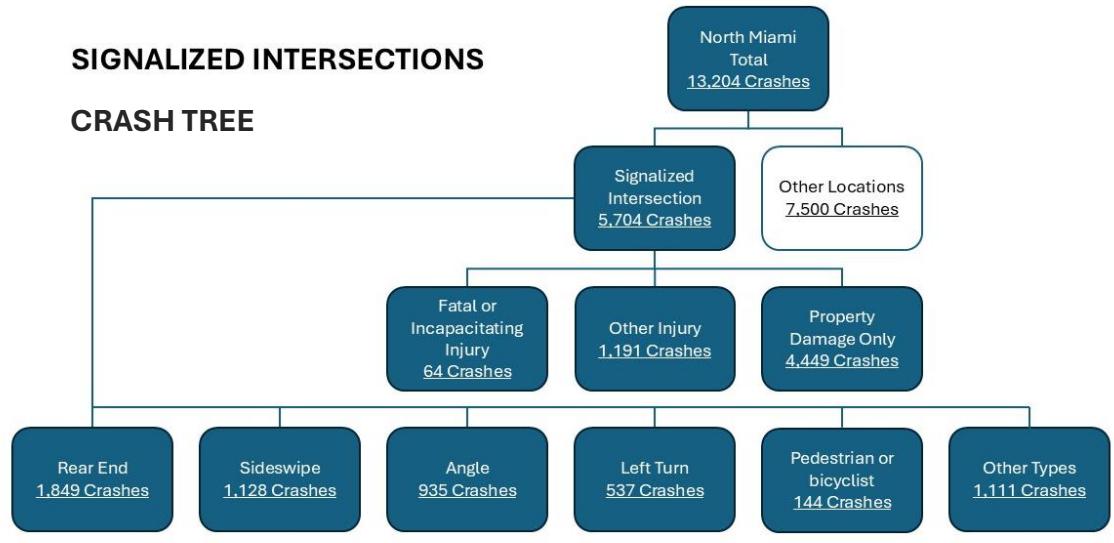
Note: The cost estimates are very preliminary. Coordinate with partner agencies.



# Systemic Safety Strategies (Example)

## SIGNALIZED INTERSECTIONS

### CRASH TREE



Potential Systemic Safety Countermeasures for Signalized Intersections

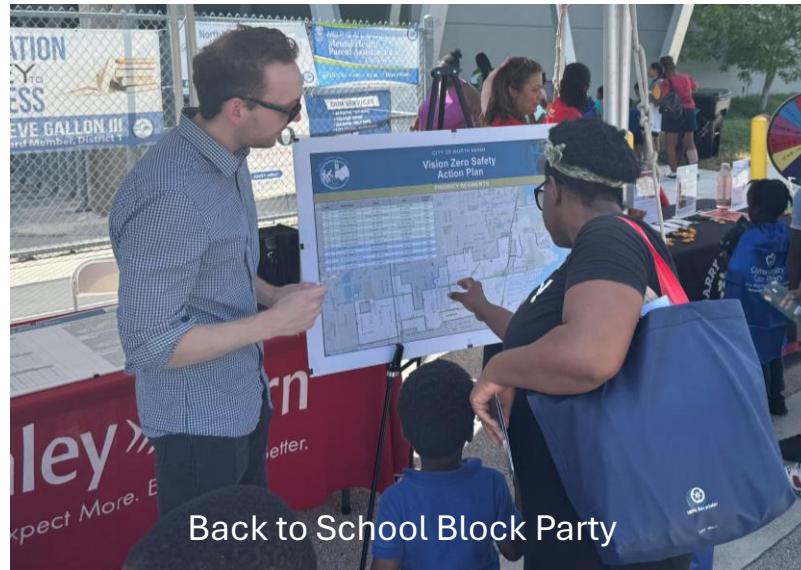


# Policy and Process Changes (Examples)

- **Designate a Vision Zero Champion**
  - Advocate for implementation and coordination of VZ supportive actions
- **Neighborhood Streets**
  - Implement 25-mph speed based on street classification
  - Minimum one streetlight per residential street intersection
  - Mark center lines on all streets
- **Lighting**
  - A policy to expand use of LED lighting for new and retrofit projects
  - Smart lighting technology for malfunction diagnosis and maintenance notification
- **Bus Stops**
  - Minimize distance of bus stops to marked crosswalks
  - Safety messages at bus stops and within buses to encourage safe crossing of streets



# Community Outreach





# Community Outreach

Bicycle / Pedestrian Programs

Freebee North Miami

NoMi Express Free Trolley

Transportation Projects

Vision Zero Safety Action Plan

[Home](#) > [Departments](#) > [Public Works](#) > [Transportation](#) > [Vision Zero Safety Action Plan](#)

## Vision Zero Safety Action Plan



**CITY OF NORTH MIAMI**  
**Vision Zero Safety Action Plan**

The City of North Miami successfully secured a USDOT Safe Streets and Roads for All (5S4A) grant to develop a Vision Zero Safety Action Plan. The goal is to provide a methodical approach for addressing roadway safety issues for all users with the objective of reducing and ultimately eliminating roadway traffic fatalities and serious injuries within the City by the year 2050.

This plan is developed in close coordination with the local community and stakeholder agencies. We will notify opportunities for you to provide feedback throughout the plan development process. The City plans to complete the development of the Safety Action Plan in September 2025.

**Please assist this effort by completing the following survey.**

[Survey - English](#)   [Encuesta - Español](#)   [Sondaj - Haitian Creole](#)

**Please share your comments on our Vision Zero Map identifying locations of concern. We value your feedback!**

[Add Comments Map](#)

### Council Meeting Presentations

|   |   |
|---|---|
|  | September 2025 Presentation Coming Soon |
|---|---|

**Project Quick Facts**

**Contact Us**

**Web Page:** [www.northmiamifl.gov/visionzero](http://www.northmiamifl.gov/visionzero)

### North Miami Vision Zero Safety Action Plan Survey

The City of North Miami is developing a Road Safety Action Plan to improve safety for all road users, with the goal of achieving zero road deaths and serious injuries by the year 2050. Please assist this effort by completing the following questionnaire. For additional information, please visit the city's website <https://www.northmiamifl.gov/1438/Vision-Zero-Safety-Action-Plan> or follow us on [Facebook](#) or [Instagram](#).

- Do you live or work/study in North Miami?
  - I live and work/study in North Miami
  - I live in North Miami, but work/study elsewhere
  - I work/study in North Miami, but live elsewhere
  - I do not live or work/study in North Miami
- What is your zip code of residence?
- What is your age group?
  - Under 18 years old
  - 18-24 years old

## Survey

**Comments Map**

**»PublicCoordinate**

City of North Miami Vision Zero Safety Action Plan

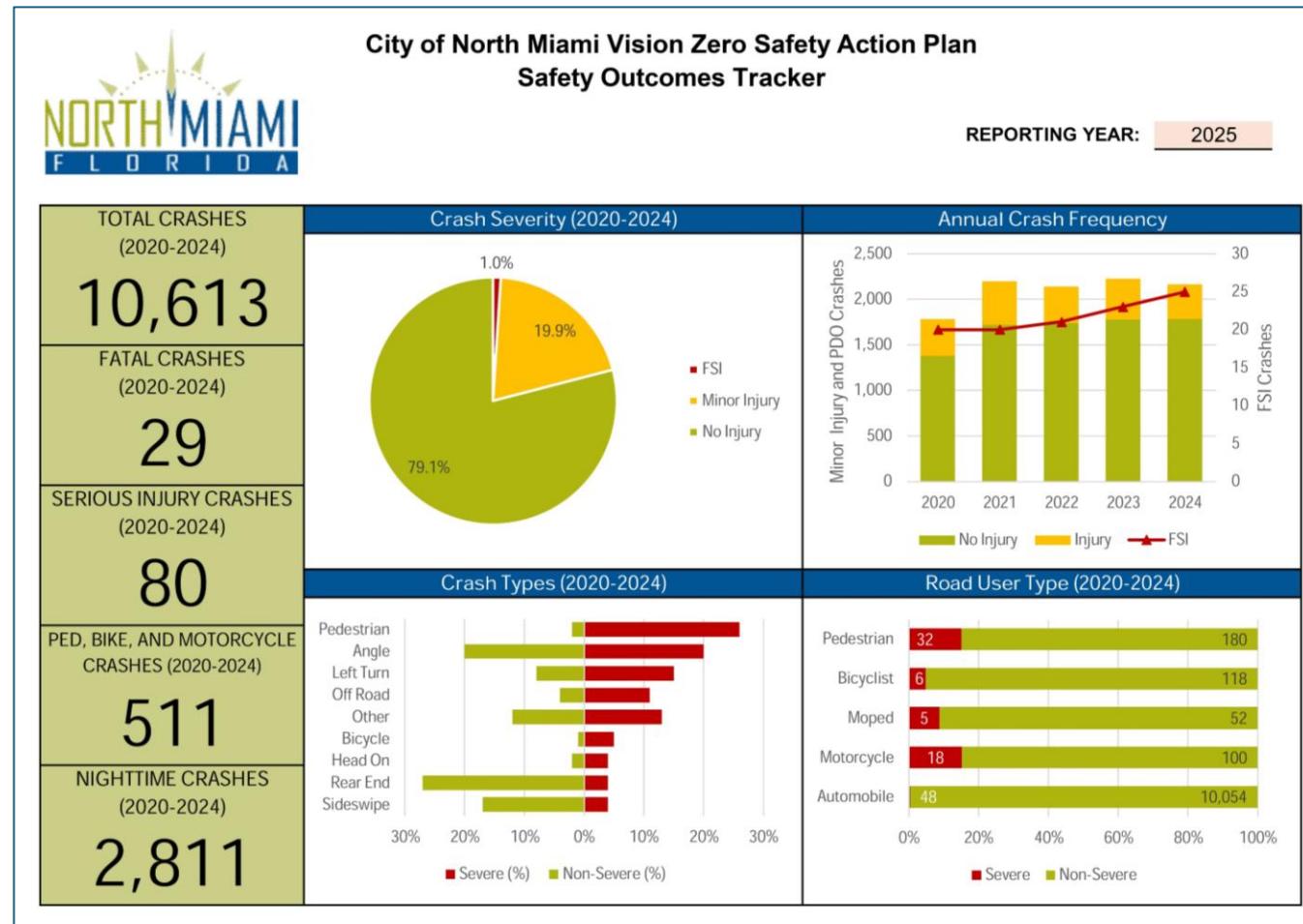
Basemap Type: Default

Legend: North Miami Border

Map showing the City of North Miami with numerous comments marked as speech bubbles along various streets and landmarks, including Biscayne Gardens, Golden Glades, Mitchell Lake Estates, Biscayne Park, and Bal Harbour Beach.



# Progress and Tracking





# Next Steps

- Consider designating a city staff member as the Vision Zero Champion for coordination
- Coordinate with internal and external stakeholders/agencies on follow-up actions and implementation options
- Apply for SS4A Implementation and Supplemental Planning grants
- Develop a Safety Data Monitoring Dashboard
- Implement safety education and awareness efforts



## Vision Zero Safety Action Plan



*Safety Starts With You*



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