



CITY OF
Boca Raton

VISION ZERO ACTION PLAN





Agenda

- **Background**
- **Safe Streets and Roads for All (SS4A) Program – Vision Zero Action Plan**
- **Adoption and Next Steps**



Background



Vision Zero is a **policy** that traffic related crashes should never result in a severe injury or loss of life.

On **October 25, 2022**, The Boca Raton City Council resolved unanimously to designate Boca Raton as a "Vision Zero City."

Vision Zero initiative represents a change in culture, and a shift from traditional road safety practices to a safe system approach.

Safe Streets and Roads for All (SS4A) Program – A Federal Initiative to fund



RESOLUTION

122-2022

1 A RESOLUTION OF THE CITY OF BOCA RATON
2 DESIGNATING THE CITY AS A "VISION ZERO CITY" AND
3 DIRECTING THE CITY MANAGER TO CREATE A VISION
4 ZERO ACTION PLAN TO ESTABLISH A GOAL OF NO
5 SEVERE TRAFFIC INJURIES OR FATALITIES; DIRECTING
6 AND AUTHORIZING THE CITY MANAGER TO TAKE ALL
7 NECESSARY ACTIONS TO EFFECTUATE SAME;
8 PROVIDING FOR SEVERABILITY; PROVIDING FOR
9 REPEALER; PROVIDING AN EFFECTIVE DATE
10

11 WHEREAS, the State of Florida is one of the most dangerous states for people walking,
12 consistently ranking number one on the Pedestrian Danger Index by Smart Growth America, with
13 the Miami-Fort Lauderdale-West Palm Beach urbanized area consistently ranking as one of the
14 worst metropolitan areas in the country; and

15 WHEREAS, over 3,200 people statewide and nearly 200 people in Palm Beach County
16 die annually on roadways; and

17 WHEREAS, a roadway system with frequent crashes causes travel delays and drains
18 fiscal resources, threatens the quality of life and the reputation of the City of Boca Raton as a
19 desirable destination for future generations; and



Safe Streets and Roads for All (SS4A) Program

Grant Cycle Year	Federal Grant	Local Match	Total	Status
FY2022	\$300,000	\$79,270	\$379,270	Vision Zero Action Plan to be the consent agenda in March .
FY2024	\$4,000,000	\$1,000,000	\$5,000,000	Scoping pilot projects for implementation – Required Vision Zero Action Plan adoption
FY2025	\$1,500,000	\$500,000	\$2,000,000	Scoping upgrades to the emergency vehicle preemption system
Total	\$ 5,800,000	\$ 1,579,270	\$7,379,270	



Vision Zero Action Plan

- A Commitment to Safer Streets for Everyone
- Target the Most Severe Crashes for All Road Users

A severe crash is any traffic crash that results in a **serious injury or a death**. These crashes often have life-changing impacts on individuals, families, and the community. Serious injuries may include broken bones, head or spinal injuries, internal injuries, or other harm that requires hospitalization and long-term recovery.

TRADITIONAL APPROACH VS. VISION ZERO APPROACH TO TRANSPORTATION SAFETY

TRADITIONAL APPROACH

Traffic deaths are **INEVITABLE**

PERFECT human behavior

Prevent **COLLISIONS**

INDIVIDUAL responsibility

Saving lives is **EXPENSIVE**

VISION ZERO APPROACH

Traffic deaths are **PREVENTABLE**

Integrate **HUMAN FAILING** in approach

Prevent **FATAL AND SEVERE CRASHES**

SYSTEMS approach

Saving lives is **NOT EXPENSIVE**





Vision Zero Action Plan (Contd.)

KEY FINDINGS

Over the past six years, Boca Raton has averaged:

7

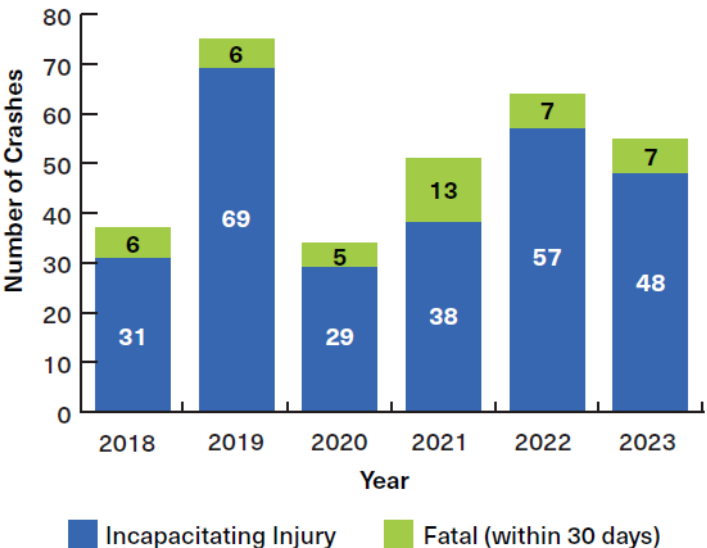
CRASHES PER DAY

4

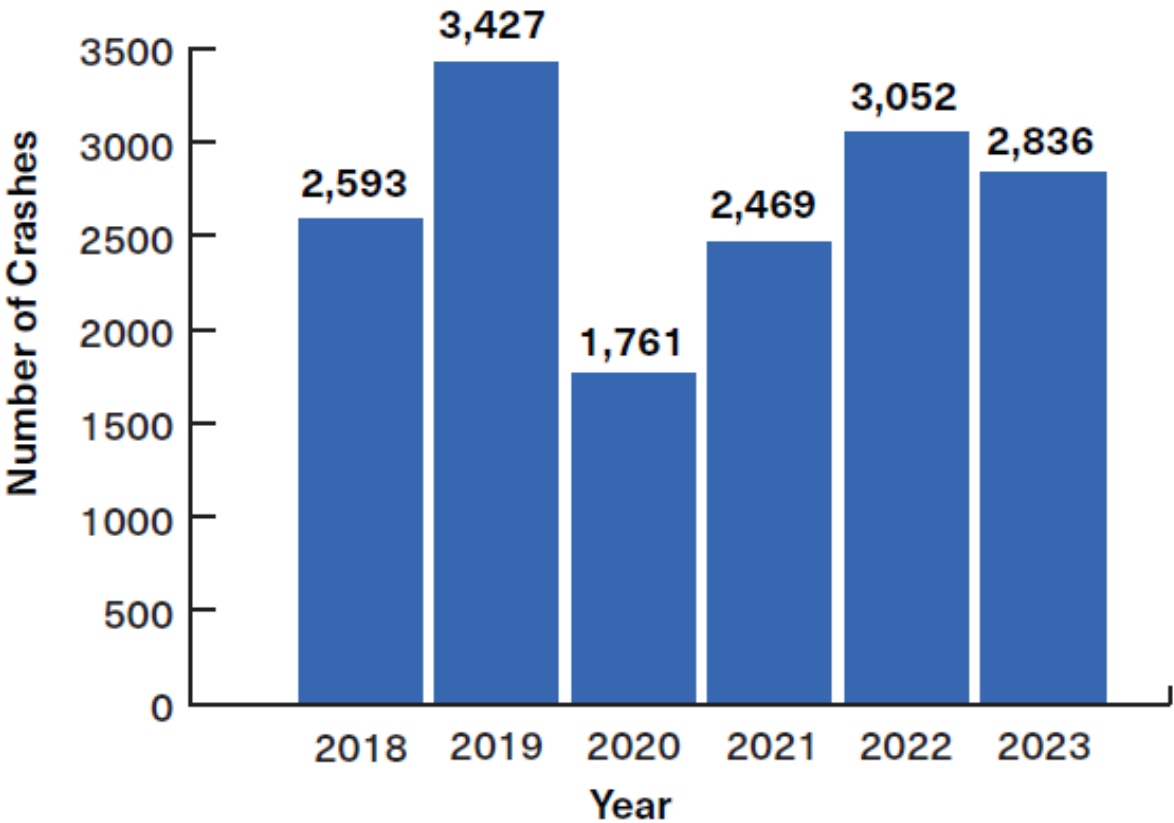
SERIOUS INJURY OR FATAL
CRASHES PER MONTH

Crashes are a persistent and preventable issue in the city.

Boca Raton Serious Injury
and Fatal Crashes: 2018 to 2023



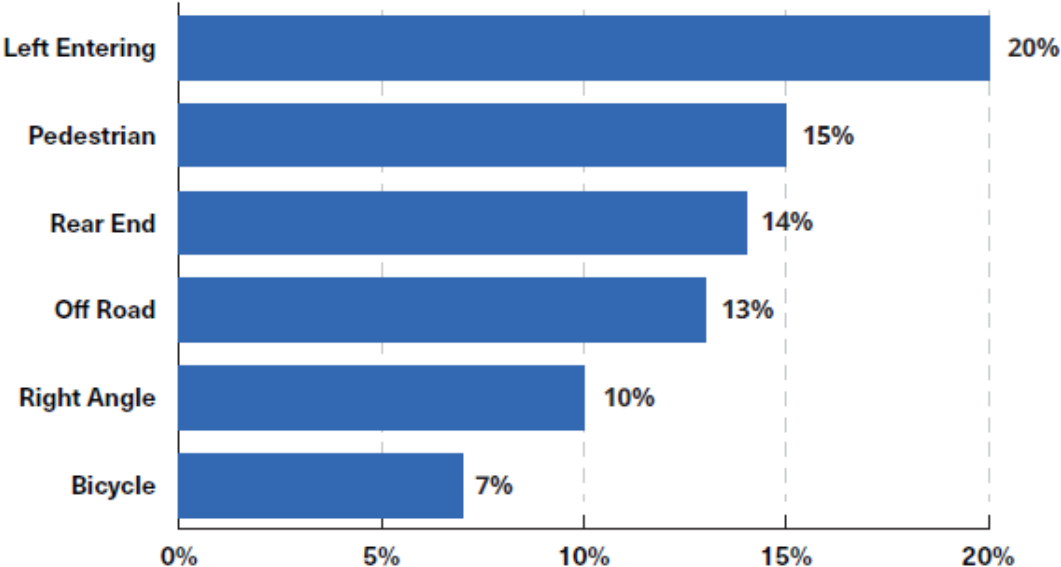
Boca Raton Annual Crashes: 2018 to 2023



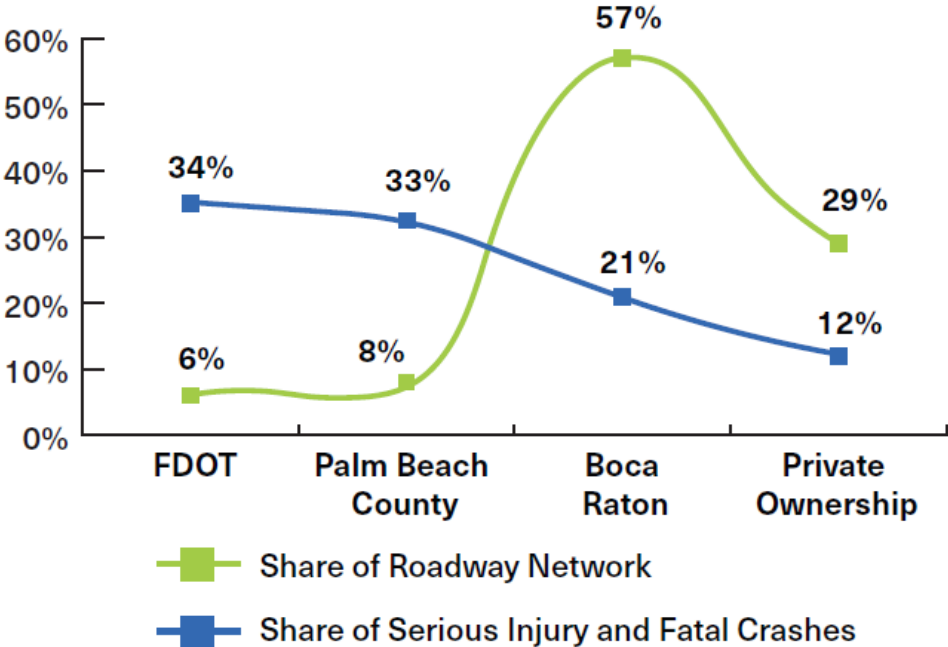


Vision Zero Action Plan (Contd.)

City of Boca Raton Crash Types



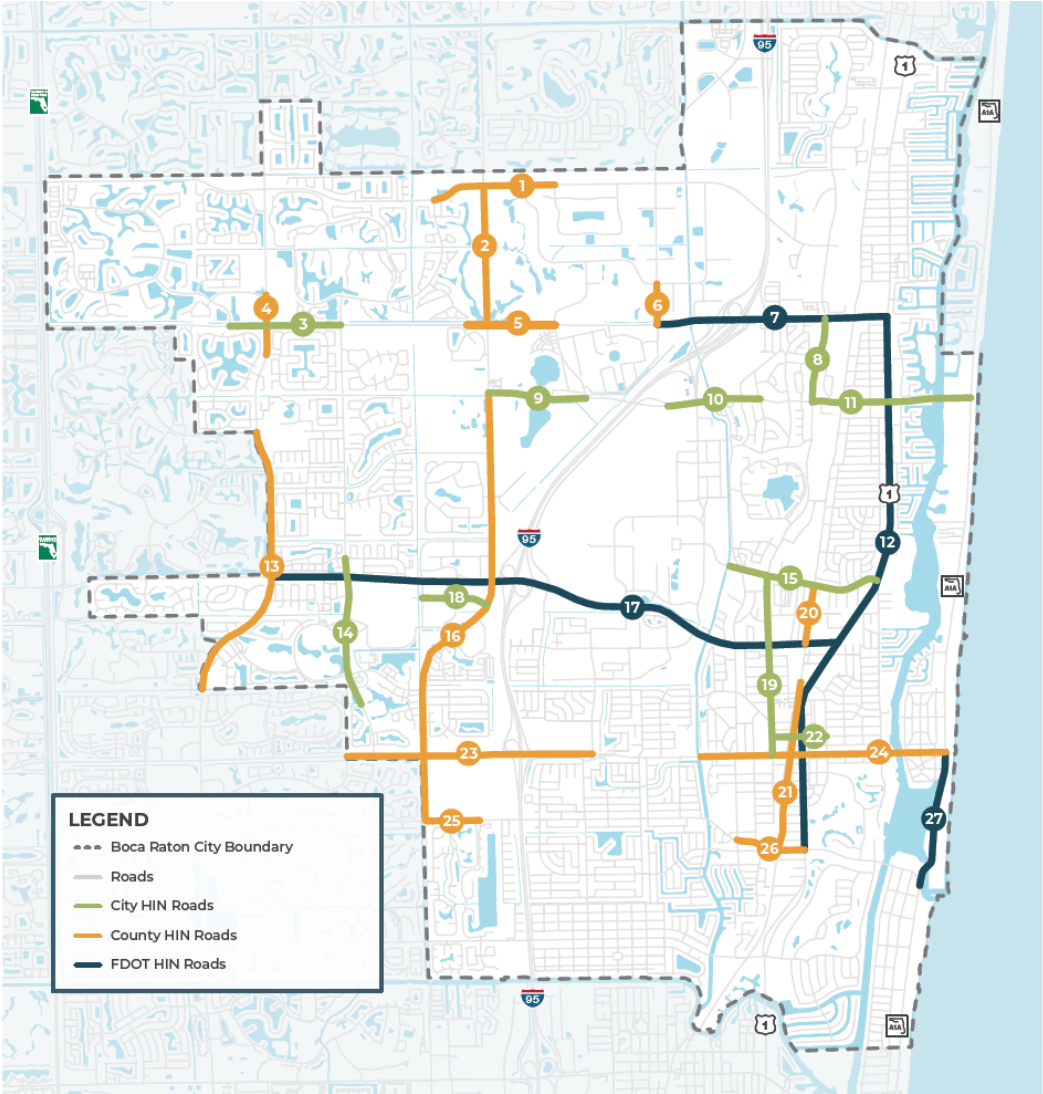
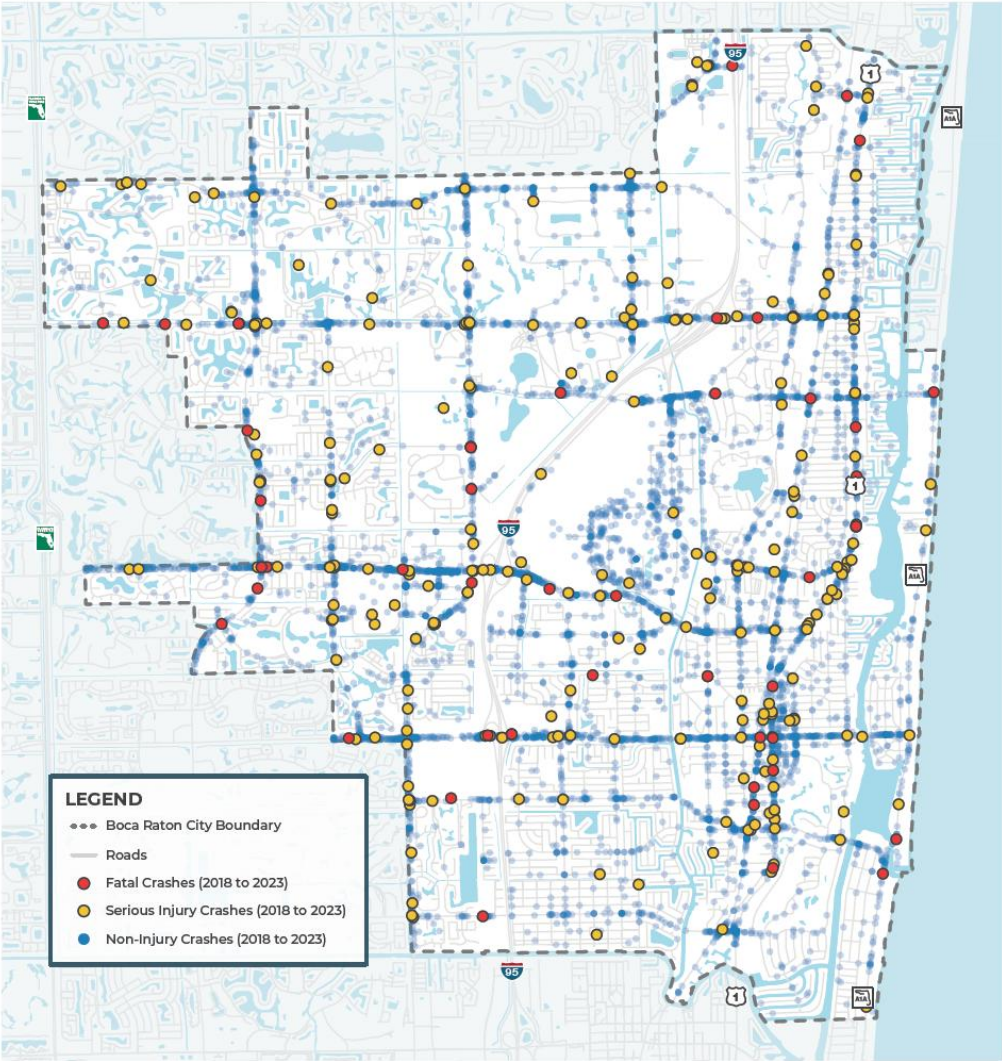
City of Boca Raton Serious Injury and Fatal Crashes by Roadway Ownership





Vision Zero Action Plan (contd.)

CITY OF BOCA RATON CRASH MAP (2018 TO 2023)





Vision Zero Action Plan (contd.)



Speed Management



[Appropriate Speed Limits for All Road Users](#)



[Speed Safety Cameras](#)

Pedestrian/Bicyclist



[Bicycle Lanes](#)



[Crosswalk Visibility Enhancements](#)



[Leading Pedestrian Interval](#)



[Medians and Pedestrian Refuge Islands in Urban and Suburban Areas](#)



[Pedestrian Hybrid Beacons](#)



[Rectangular Rapid Flashing Beacons \(RRFB\)](#)



[Road Diets \(Roadway Reconfiguration\)](#)



[Walkways](#)



Vision Zero Action Plan (contd.)

Roadway Departure



[Enhanced Delineation for Horizontal Curves](#)



[Longitudinal Rumble Strips and Stripes on Two-Lane Roads](#)



[Median Barriers](#)



[Roadside Design Improvements at Curves](#)



[SafetyEdgeSM](#)



[Wider Edge Lines](#)

Intersections



[Backplates with Retroreflective Borders](#)



[Corridor Access Management](#)



[Dedicated Left- and Right-Turn Lanes at Intersections](#)



[Reduced Left-Turn Conflict Intersections](#)



[Roundabouts](#)



[Systemic Application of Multiple Low-Cost Countermeasures at Stop-Controlled Intersections](#)



[Yellow Change Intervals](#)



Vision Zero Action Plan (contd.)

69

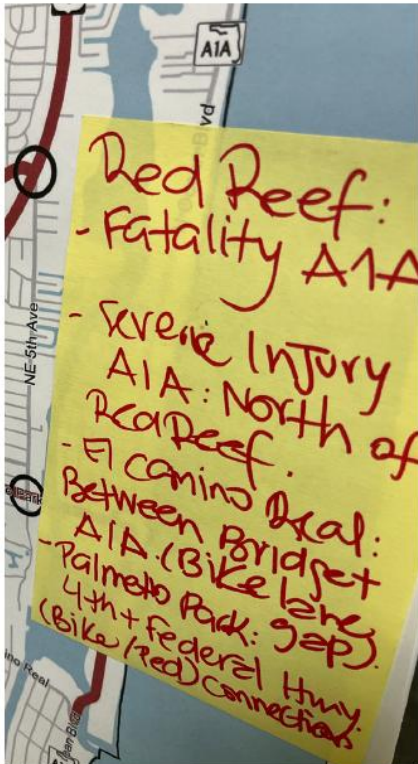
PEOPLE ATTENDED
IN-PERSON MEETINGS

332

ONLINE SURVEYS
COMPLETED

1,054

GEOGRAPHIC-SPECIFIC
FEEDBACK PINS INSERTED ON
THE ONLINE SURVEY MAP



Community & Stakeholder Engagement

- ☐ Conducted multiple neighborhood audit meetings
- ☐ Presented to the Citizens' Pedestrian and Bikeway Advisory Board
- ☐ Coordinated with regional transportation partners
- ☐ Presented the High Injury Network (HIN) and draft action plan for review and feedback
- ☐ Maintained an open, collaborative, and inclusive process



Summary and Adoption

Vision Zero Action Plan

Public Comment Period: Vision Zero Plan has been posted on the City’s website for public review and comment.

Next Step: City Council adoption of the Vision Zero Plan. The Plan is anticipated to be included on the Consent Agenda for the next City Council meeting.

