



Transportation Institute
UNIVERSITY of FLORIDA

Key West City-wide Comprehensive Safety Action Plan

Sustainability Advisory Board, City of Key West

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The Goal

Develop a **Safety Action Plan for Key West** to reduce traffic fatalities and serious injuries by identifying key risks and producing evidence-based projects and policies.

What Kinds of Actions are in a Safety Action Plan? **The 5 E's**

Engineering

Enforcement

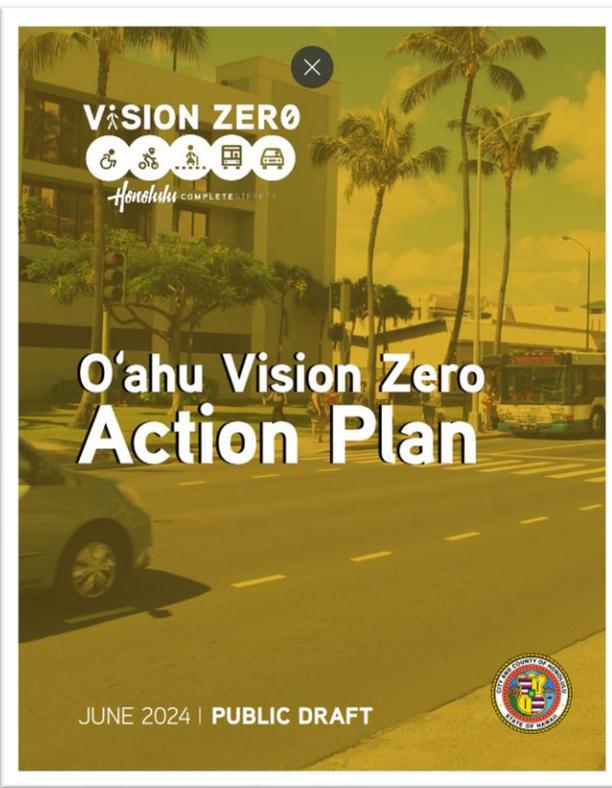
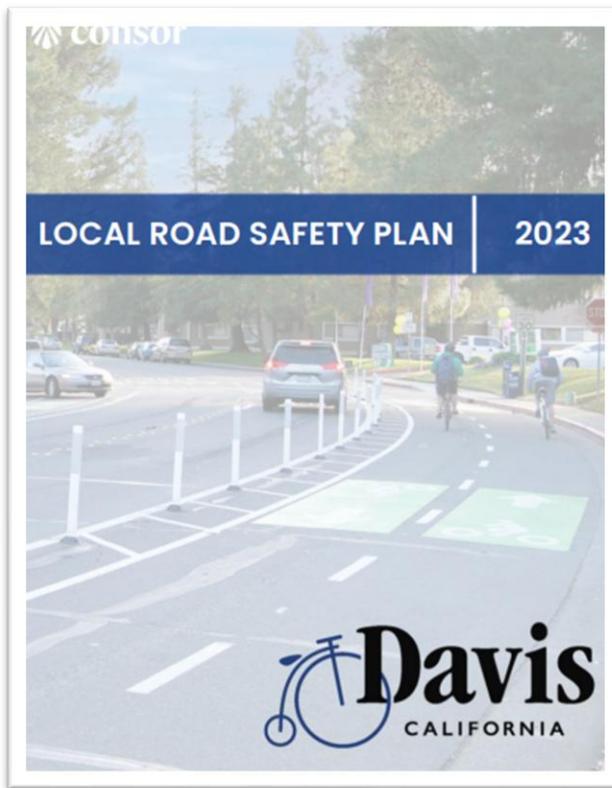
Education

Engagement

Evaluation



Joining a Nationwide Movement for Safer Streets



Safety Action Plan Examples

The Process

- Detailed review of Key West crash data, infrastructure, policies
- Site visits from the UF Team
- Community Engagement (survey 728 responses, webpage, interactive mapping tool, community helmet giveaways)
- Key West Task Force

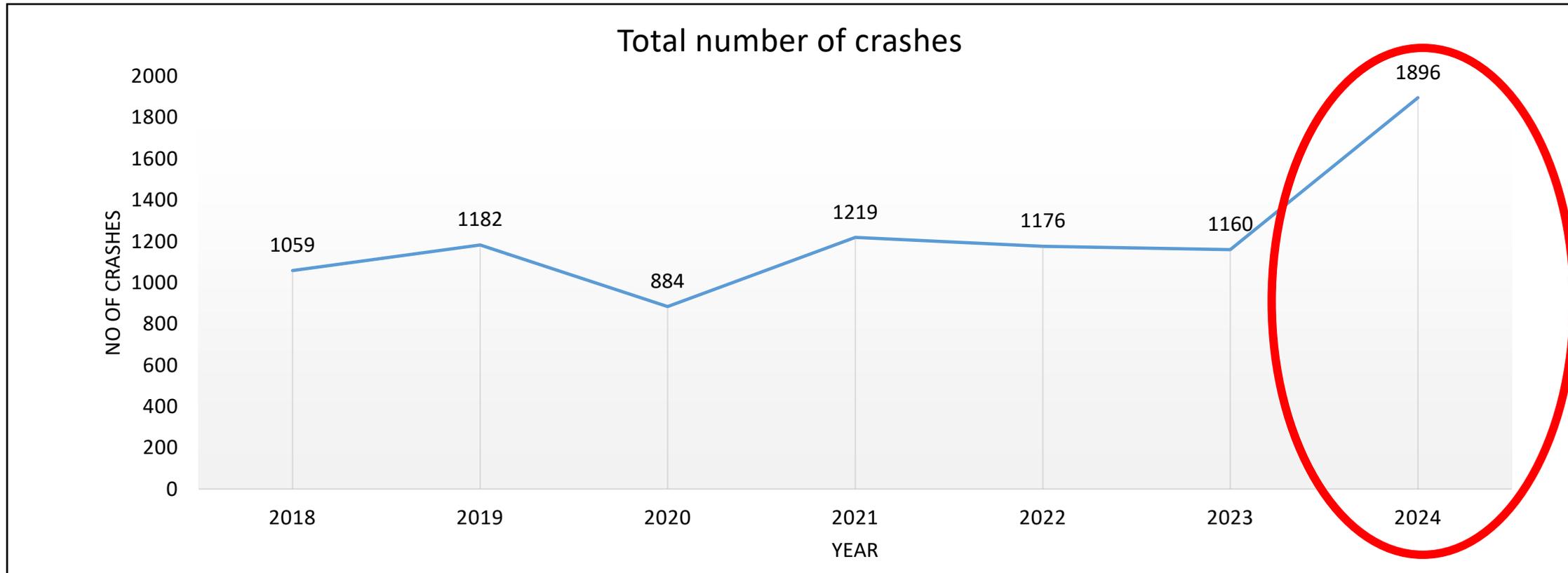


Traffic Safety in Key West

2018 - 2024

- 25% are bicyclists
- 17% are pedestrians

41% of KW survey respondents were in a crash in the last 5 years.
78% did not report.



Traffic Safety– Crash Hotspots





Fatal Crashes (2018-2024)

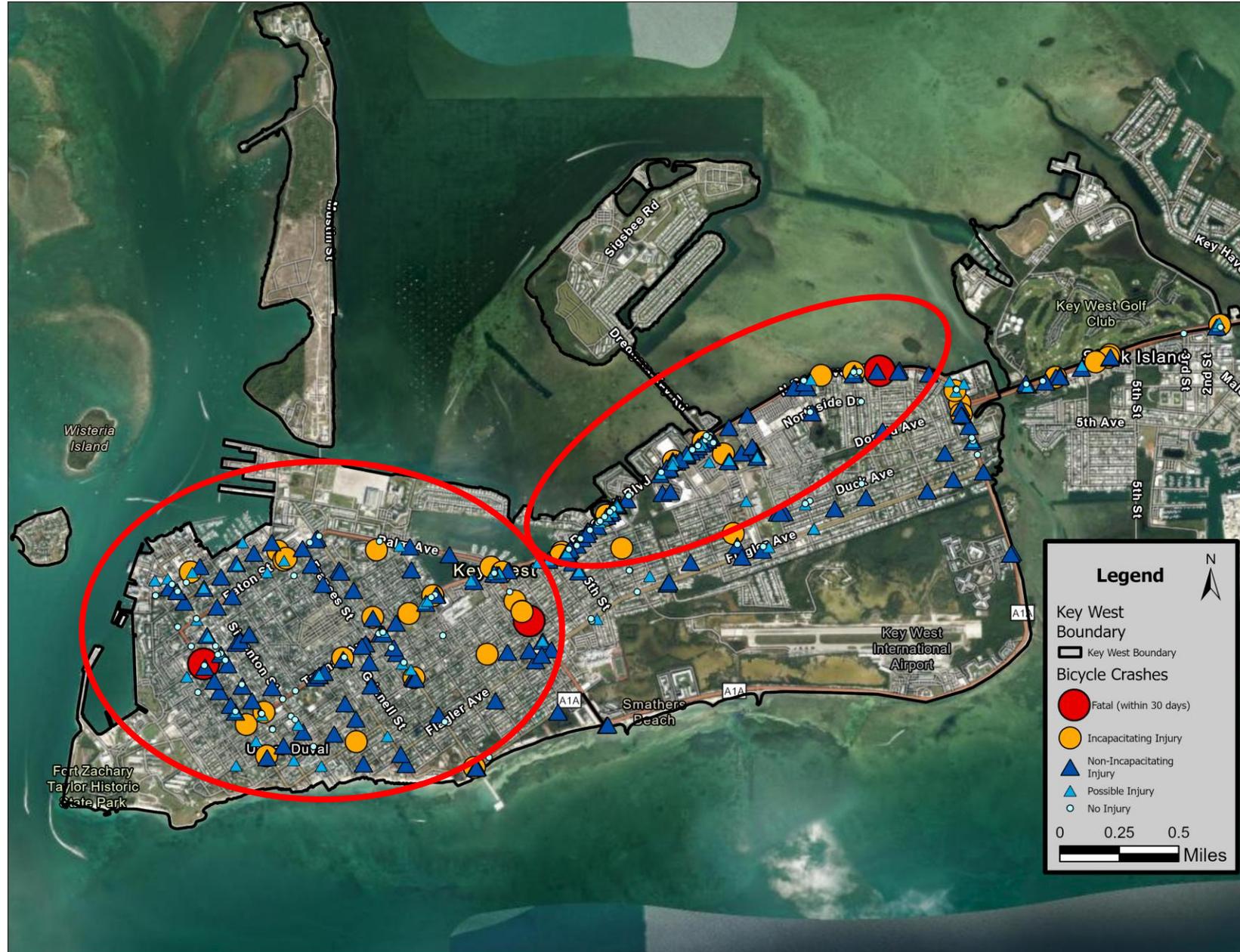
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- 6 on N Roosevelt
- 2 on S Roosevelt
- 8 on US 1

From 2023 – 2025 Key West’s fatal and serious injury crash rate was more than 4x the state average

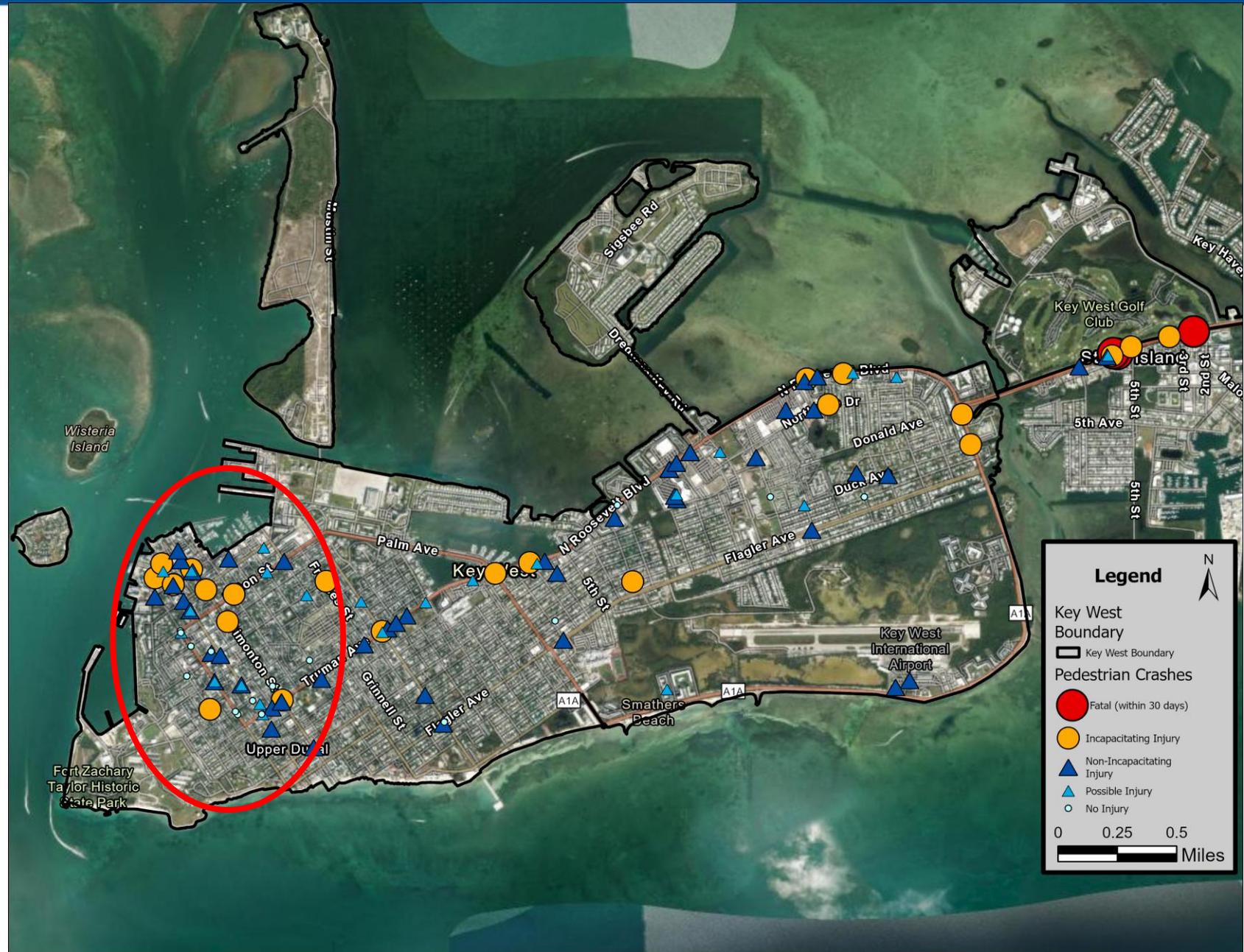
Bicycle Crashes

Bike & pedestrian crashes account for 1/4 of FATAL and SERIOUS INJURY crashes in Key West



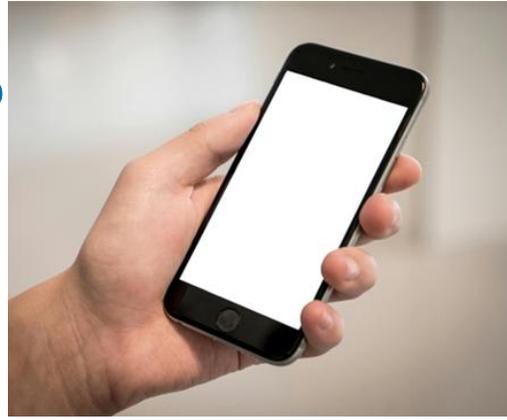
Pedestrian Crashes

Bike & pedestrian crashes account for 1/4 of FATAL and SERIOUS INJURY crashes in Key West



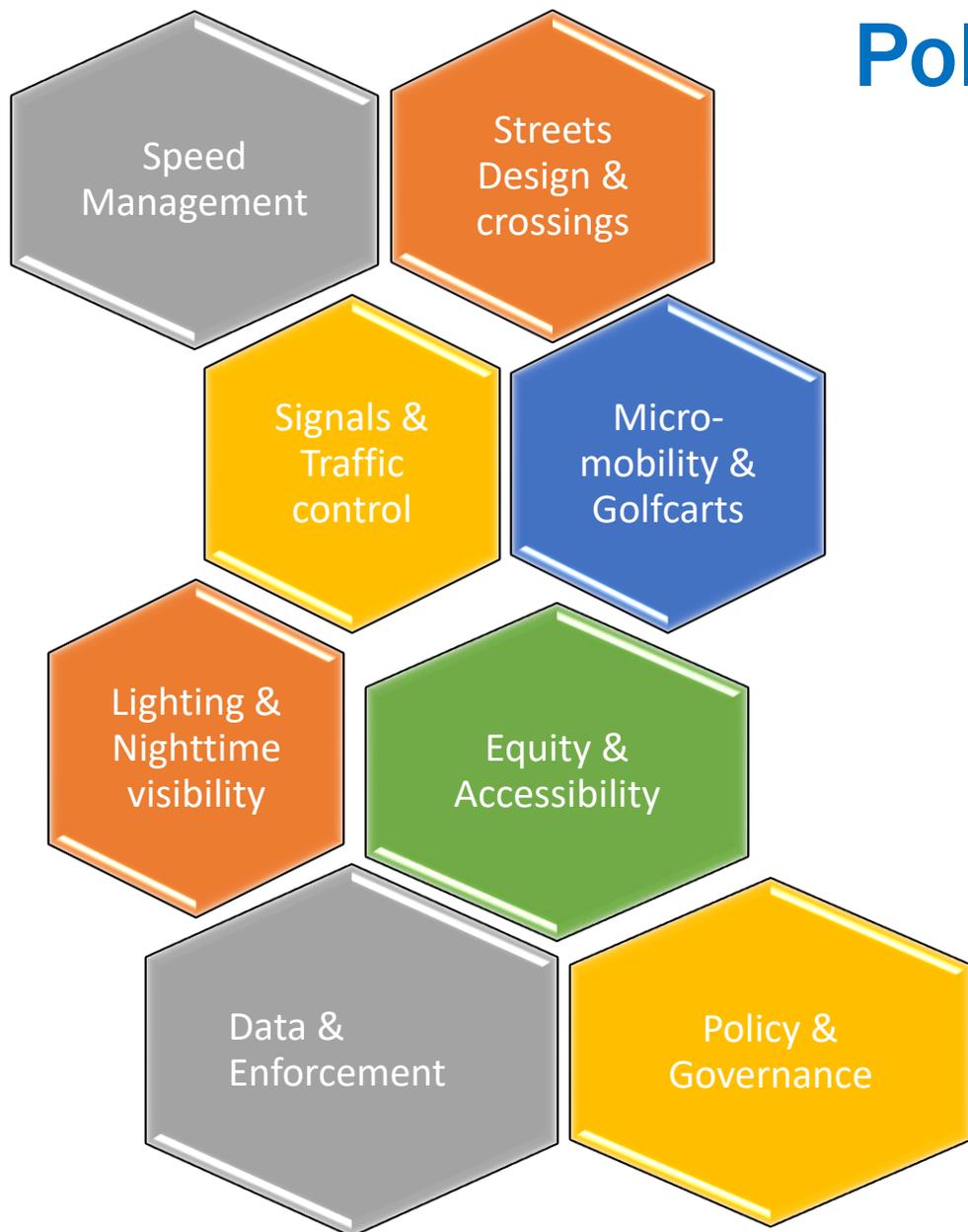
What's causing the problem?

- **Speeding** (25% of fatalities)
- **Distracted Driving** (13.4% injuries)
- **Aggressive Driving & Alcohol** (2.5%)
- **Inadequate infrastructure:** narrow sidewalks, missing crosswalks, poor lighting, faded or lack of signage
- **High activity & mixed Traffic:** cars, scooters, bikes & pedestrians complicate safety management



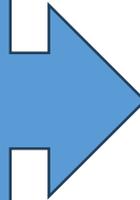
Policy Recommendation Highlights

23 suggestions



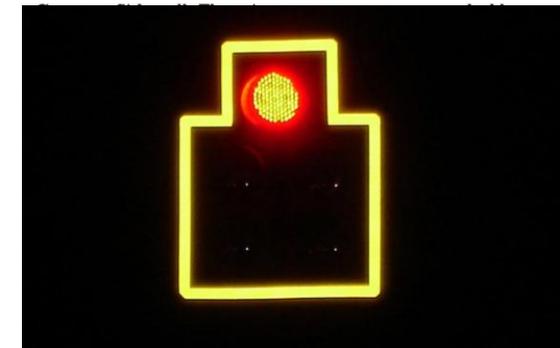
- Lower speed limits in critical areas
- Crosswalk enhancement program
- Daylighting & corner visibility standards
- Require a Safety Impact Review Checklist for all major projects and plans

E-bikes
Scooters
& other
devices



- Comprehensive Micromobility Ordinance: operating zones, speed limits in shared spaces, helmet and lighting requirement
- Permit Program: training, insurance, data sharing
- “Ride Right Key West”: multi-lingual educational campaign

Project Recommendation Highlights **36 suggestions**



Projects	Cost	Time
1. N. Roosevelt: speed Mgt., visibility, <u>sign consolidation</u> , <u>vegetation improvements</u>	\$650,000	0 - 5 yrs
2. Triangle: speed warning signs, signal improvements (ultimately, a redesign \$350,000)	\$30,000	0 – 2 yrs
3. US-1: Speed feedback signs, sign consolidation, back up warning system	\$120,000	0 – 5 yrs
4. Palm Ave: Curve Signage improvements, nighttime visibility enhancements	\$250,000	0 - 2 yrs.
5. Island wide: Reflective backplates & LED lights on traffic signals, thermoplastic pavement markings, upgrade curb ramps at intersections, retroreflective signs	\$150,000 to \$300,000 each	0 – 5+ years
6. Targeted projects: Pedestrian & bike warning signs, curb extensions and improved visibility at key intersections & work with private property owners	From \$50,000 to \$125,000	0- 2 years

Putting the Plan into Action

Implementation, Funding and Monitoring & Evaluation

Implementation



Funding



Monitoring & Evaluation

Short-term: quick build infrastructure, operational changes, policy changes

Mid-term: major street level improvements, bigger capital projects, partnership projects

Long-term: larger capital projects, substantial reconstruction

- Safe Streets & Roads for All Implementation Grants (DOT)
- State & regional transportation programs
- Some recommendations require little or no funding
- Annual budgeting process

Project tracking register: Linked to City's website with periodic updates on progress

Annual data refresh and safety review: update crash data

High Injury re-evaluation: Calculated annually to measure change



Good communities don't happen by accident; they are shaped by deliberate choices that prioritize people, safety, and the future.

