



VOLUSIA-FLAGLER VISION ZERO ACTION PLAN

Community Workshop 1
March 20, 2025

VOLUSIA • FLAGLER



VISION ZERO ACTION PLAN

SAFE STREETS FOR ALL
COMMUNITY WORKSHOP

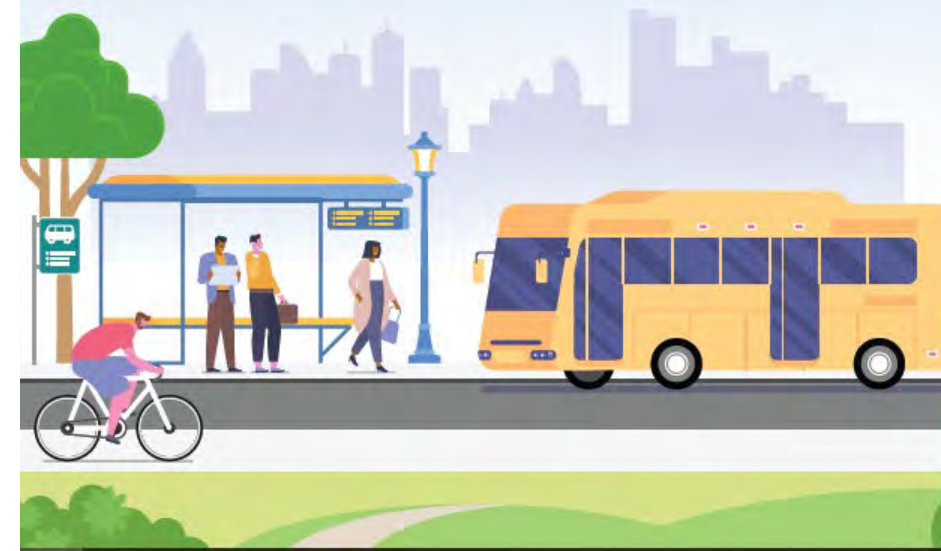


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1 INTRODUCTION

BACKGROUND: NATIONAL TRENDS

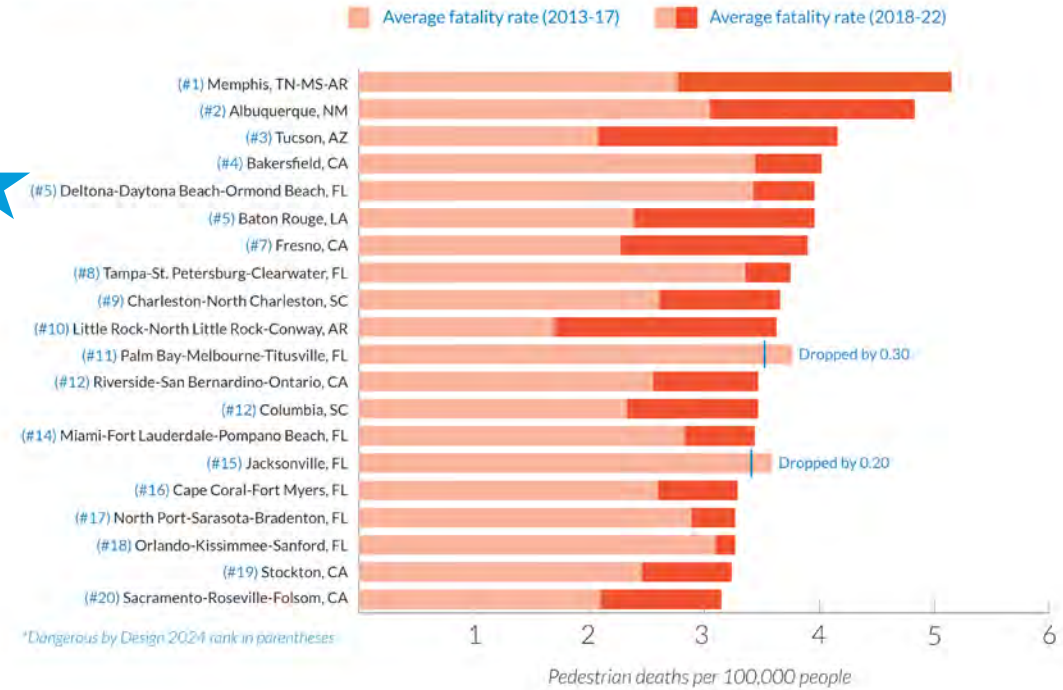
DANGEROUS BY DESIGN (2018-2022)

Deltona-Daytona Beach-Ormond Beach

5th Ranked Metro Area



All but two of the top 20 are getting more deadly
The most dangerous metro areas are getting more deadly



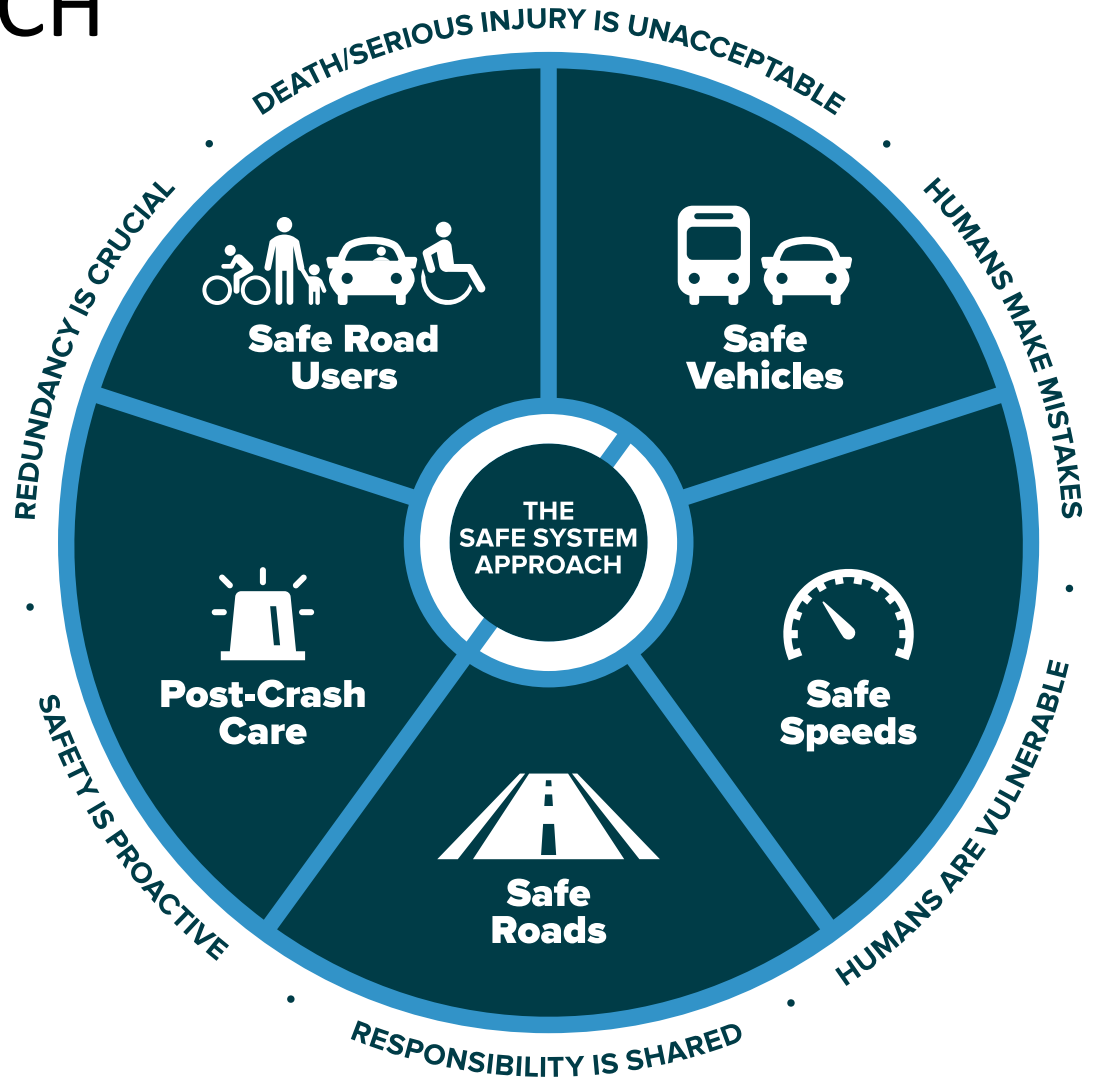
Metro Area	Avg. annual pedestrian fatality rate per 100k people (2018-2022)	Pedestrian deaths (2018-2022)	Pedestrian deaths (2013-2017)	Long term trend in fatality rate
Deltona-Daytona Beach-Ormond Beach, FL	3.96	134	107	0.53

FHWA SAFE SYSTEM APPROACH

Zero is our goal, the Safe System Approach is a how we will get there.

The Safe System Approach has for core objectives:

1. Safer People
2. Safer Roads
3. Safer Vehicles
4. Safer Speeds
5. Post-Crash Care



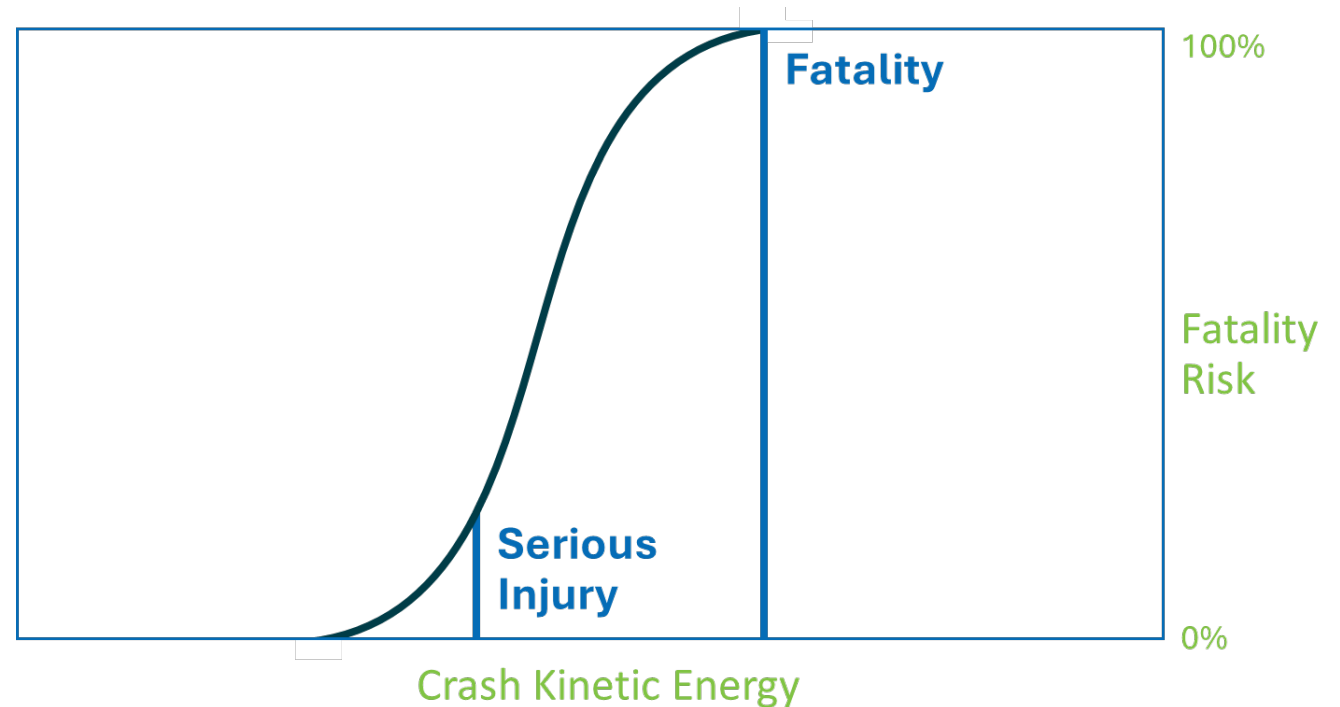
THE SAFE SYSTEM/VISION ZERO APPROACH AIMS TO ELIMINATE FATAL AND SERIOUS INJURIES BY:



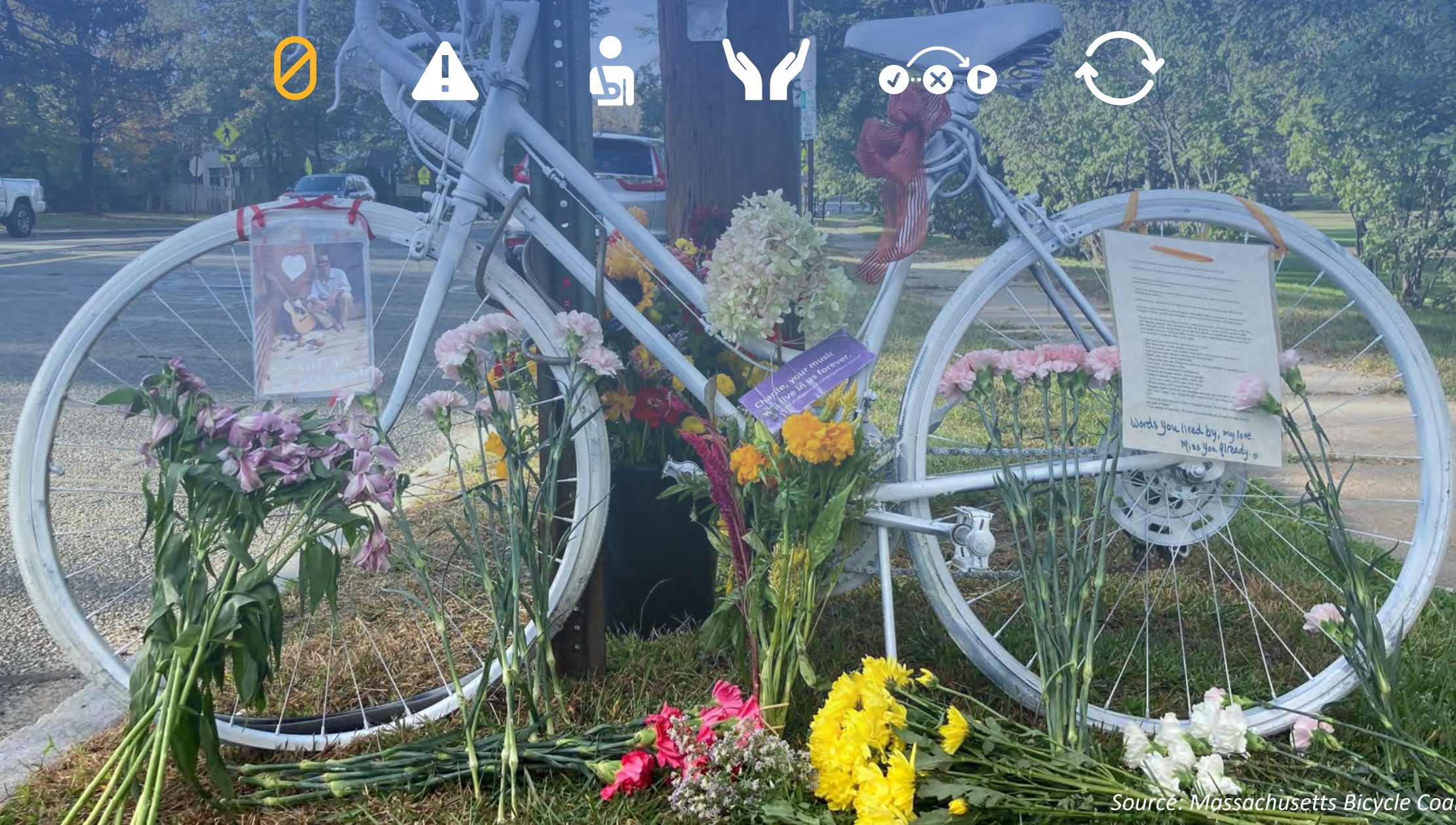
Accommodating human mistakes.



Keeping impacts on the human body at tolerable levels.



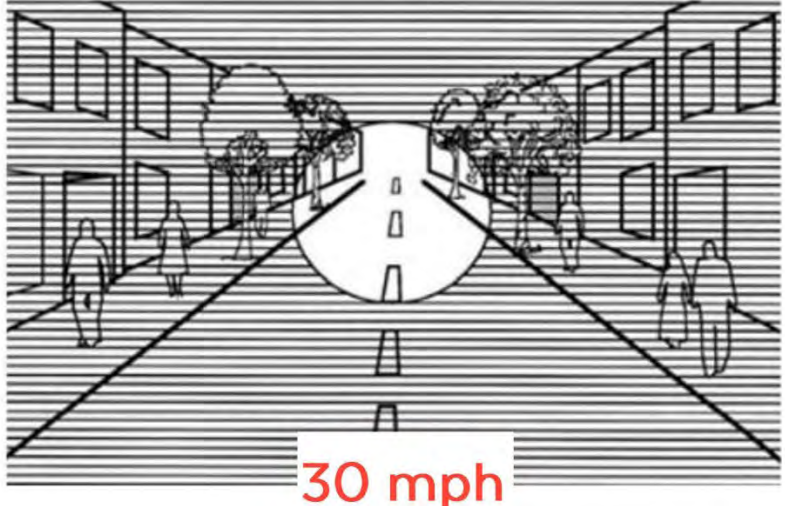
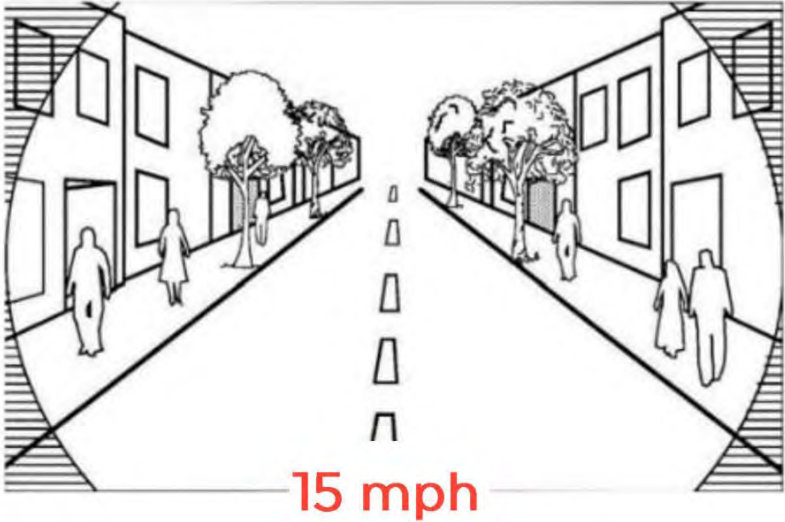
DEATH/SERIOUS INJURY IS UNACCEPTABLE



HUMANS ARE VULNERABLE



HUMANS MAKE MISTAKES AND ARE VULNERABLE



Hit by a Vehicle Traveling At:



9 out of 10
pedestrians survive



5 out of 10
pedestrians survive



Only 1 out of 10
pedestrians survives

RESPONSIBILITY IS SHARED



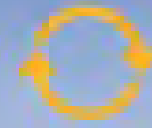
SAFETY IS PROACTIVE



RESPONSIBILITY IS SHARED AND PROACTIVE



REDUNDANCY IS CRITICAL



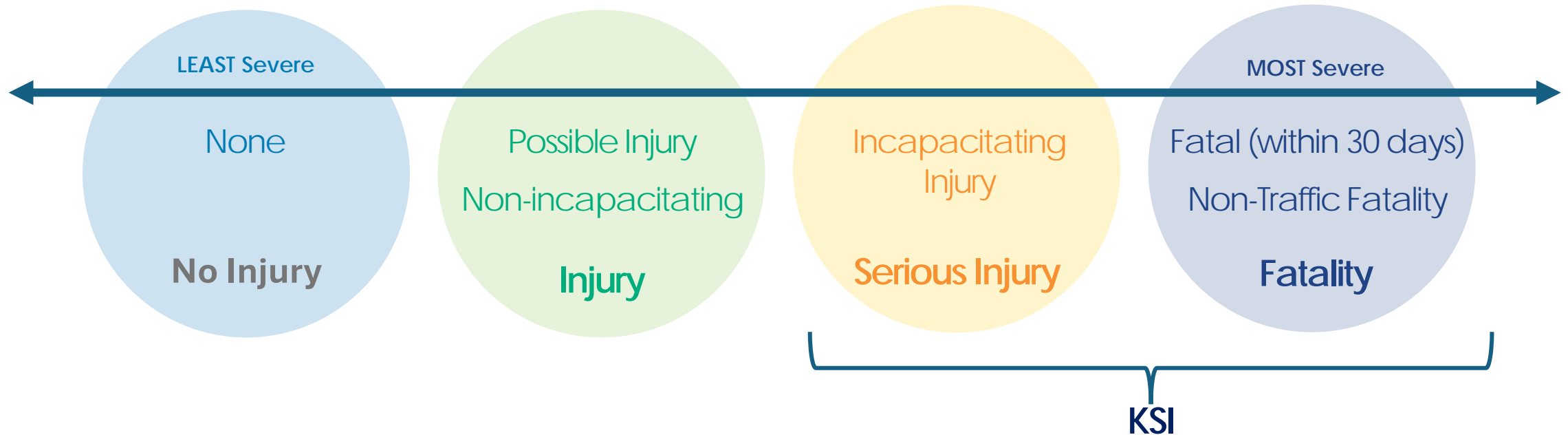
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CRASH TRENDS AND HIGH INJURY NETWORK

IMPORTANT DEFINITIONS

Crash Severity: Maximum injury severity of any crash participant, by the six detailed injury severity codes, in order of crash severity from least to most severe.

Crash severity was **simplified** into four categories: fatality, serious injury, injury and no injury.



Crashes that resulted in either a fatality or serious injury.

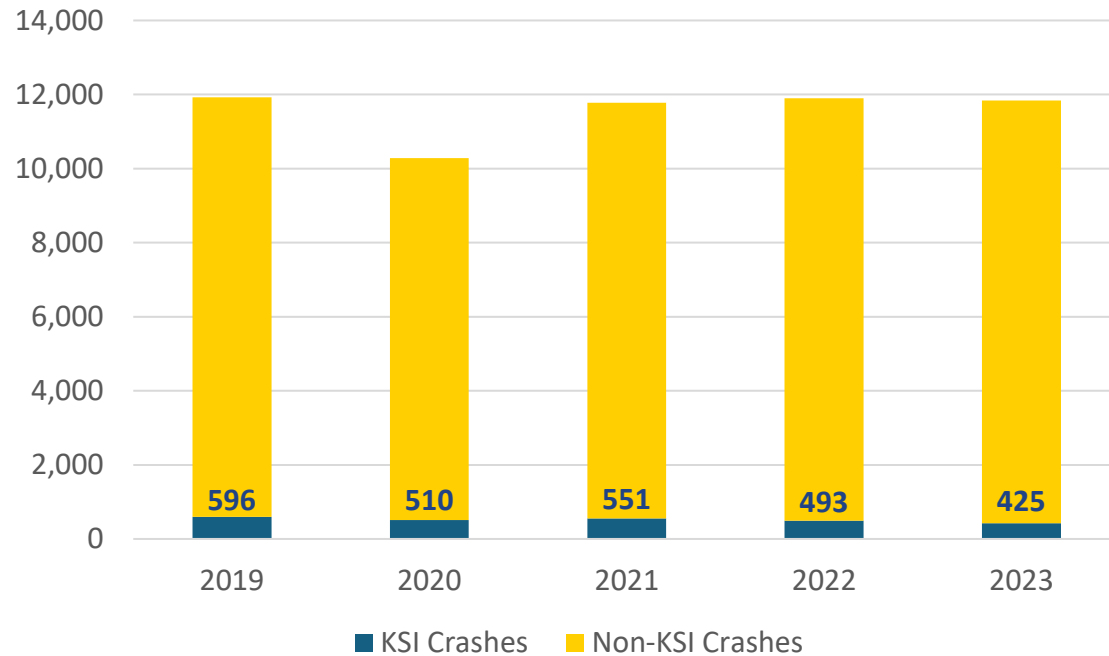
CRASH SUMMARY (2019-2023)

Volusia County

Total Crashes: 57,733

KSI Crashes: 2,575

Crashes by Year

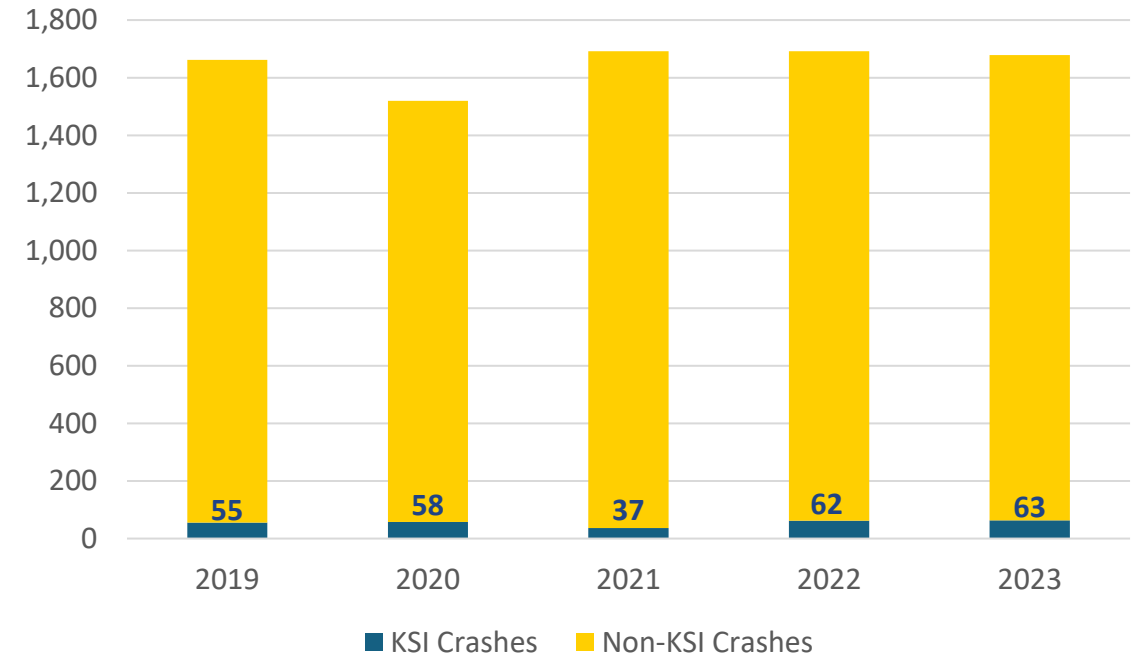


Flagler County

Total Crashes: 8,245

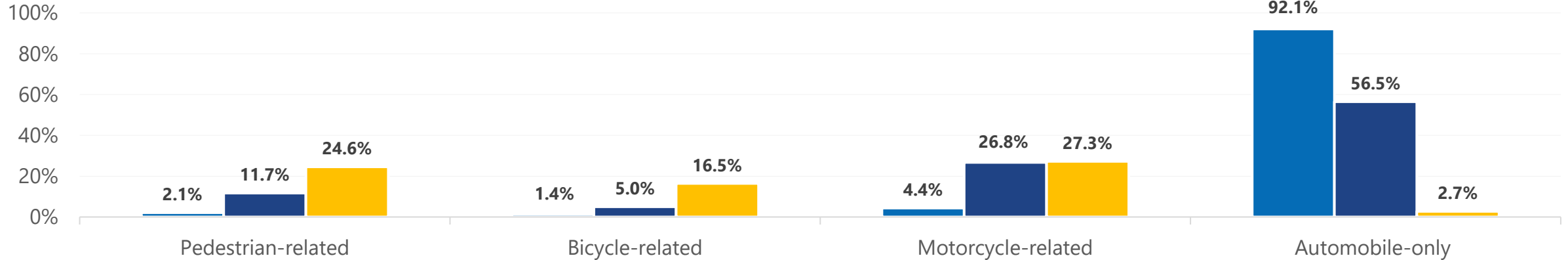
KSI Crashes: 275

Crashes by Year

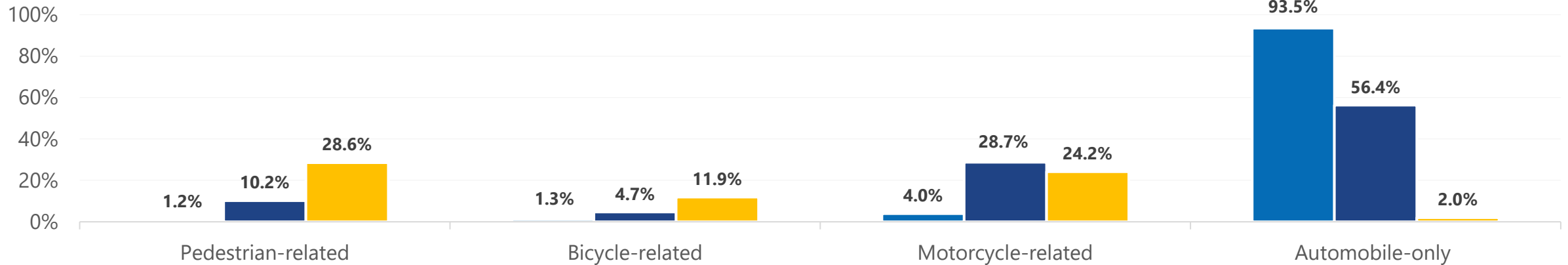


CRASH SUMMARY (2019-2023)

Volusia County

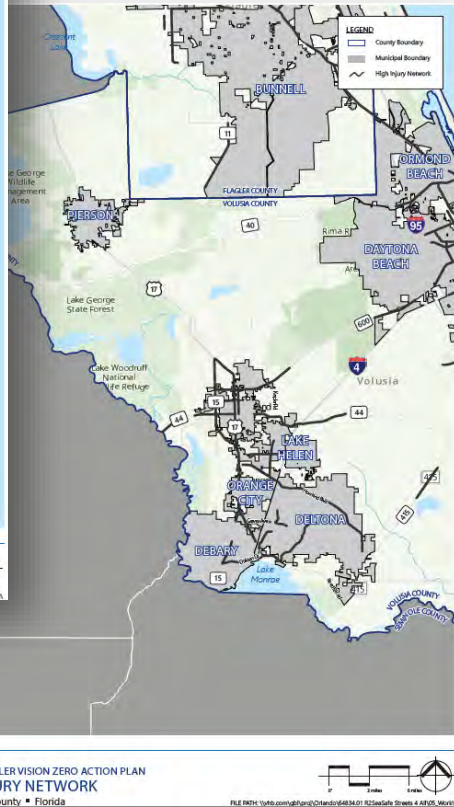


Flagler County



■ Percent of All Crashes
 ■ Percent of KSI Crashes
 ■ Percent of Crashes Resulting in KSI

VOLUSIA COUNTY HIN



Top 20 HIN Segments

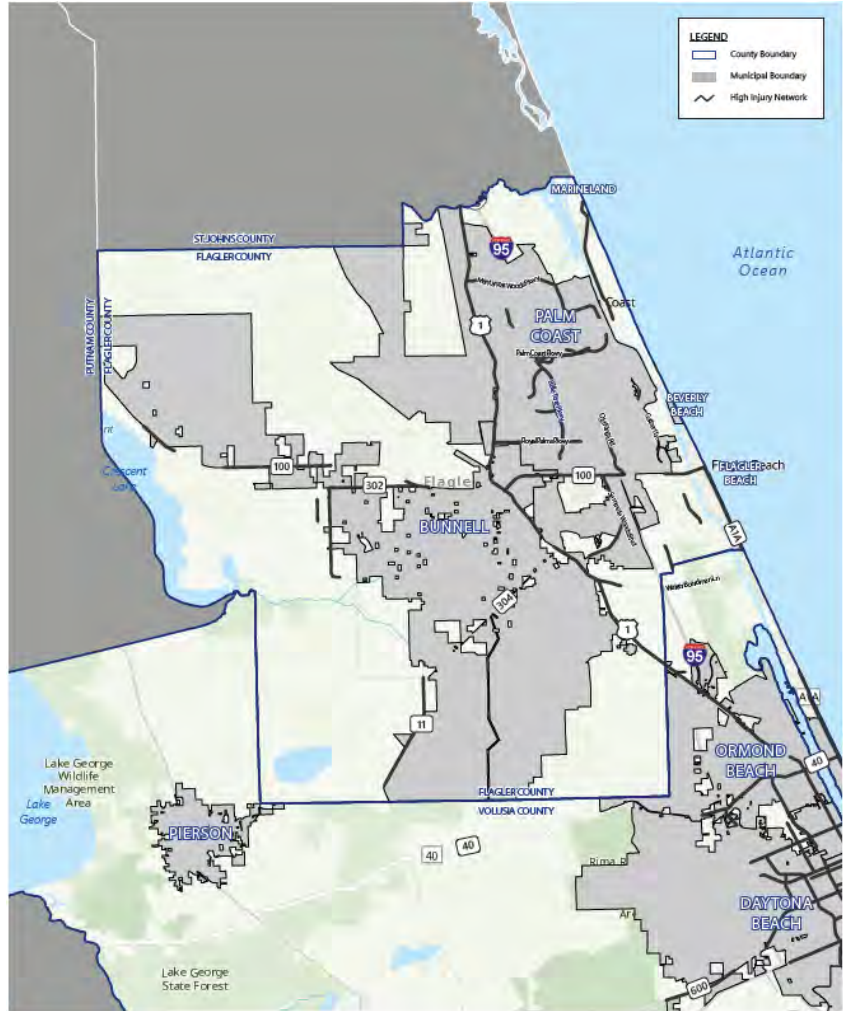
Total Centerline Miles	34.5	0.8%
Total Crashes	10,722	18.5%
Total KSI Crashes	432	16.8%

Road Name	From Street	To Street
Mason Av	Acapulco Ln	N Beach St
Nova Rd	Madeline Ave	Canal View Blvd
Oakridge Blvd	N Halifax Ave	A1A
W Intl Speedway Blvd	Tomoka Farms Rd	N Beach St
N Ridgewood Av	Mason Ave	Arlington Ave
N Ridgewood Av	Arlington Ave	W International Speedway Blvd
N Nova Rd	3rd St	Volusia Ave
Saxon Blvd	Veterans Memorial Pkwy	W Finland Dr
S Woodland Blvd	W New Hampshire Ave	SR 472
Nova Rd	Canal View Blvd	S Ridgewood Ave
E Intl Speedway Blvd	US Hwy 92 Bridge	Beach Access
N Us 1	Melrose Ave	Tomoka Rd
Saxon Blvd	W Normandy Blvd	Sterling Silver Blvd
N Nova Rd	Alabama Ave	8th St
S Spring Garden Av	W New York Ave	W Beresford Ave
N Volusia Av	SR 472	E Graves Ave
N Atlantic Av	Seaview Ave	Auditorium Blvd
S Nova Rd	US Hwy 92	Madeline Ave
Dunlawton Av	Taylor Rd	A1A

West Volusia

East Volusia

FLAGLER COUNTY HIN



Top 20 HIN Segments

Total Centerline Miles	26.1	2.1%
Total Crashes	3,126	37.9%
Total KSI Crashes	104	37.8%

Road Name	From Street	To Street
Saxon Blvd	Veterans Memorial Pkwy	W Finland Dr
S Woodland Blvd	W New Hampshire Ave	SR 472
Saxon Blvd	W Normandy Blvd	Sterling Silver Blvd
S Spring Garden Av	W New York Ave	W Beresford Ave
N Volusia Av	SR 472	E Graves Ave
S Volusia Av	Highland St	Saxen Blvd
Enterprise Rd	S Volusia Ave	E Highbanks Rd
S Woodland Blvd	E New York Ave	W New Hampshire Ave
N Woodland Blvd	Raintree Cir	E New York Ave
N Woodland Blvd	N Spring Garden Ave	Raintree Cir
N Normandy Blvd	Elkcam Blvd	Saxon Blvd
Sr 472	N Thorpe Ave	I-4
E New York Av	N Hill Ave	S Kepler Rd
E Intl Speedway Blvd	N Woodland Blvd	N Kepler Rd
W New York Av	Grand Ave	Woodland Blvd
S Charles R Beall Blvd	W Highbanks Rd	Bensin Junction Rd
E New York Av	N Kepler Rd	N Summit Ave
W New York Av	Lake County Line	Carlis Rd
E Intl Speedway Blvd	N Kepler Rd	Clark Bay Conservation Area

3

INTERACTIVE STATIONS

STATION #1: WELCOME & ACTIVITIES

Intro to the Volusia-Flagler Vision Zero Action Plan (VZAP) including project goals, resources, and how to stay involved:

- Sign-in Sheet
- Meeting Agenda
- Educational Material

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VISION ZERO ACTION PLAN

SAFE STREETS FOR ALL
COMMUNITY WORKSHOP



STATION #2:

IDENTIFICATION OF SAFETY CONCERNS

Review KSI crash locations and give feedback on safety concerns considering walking, biking, motorcycle riding and automobile driving:

- Heat maps by mode of transportation
- Sticky note feedback

WALK



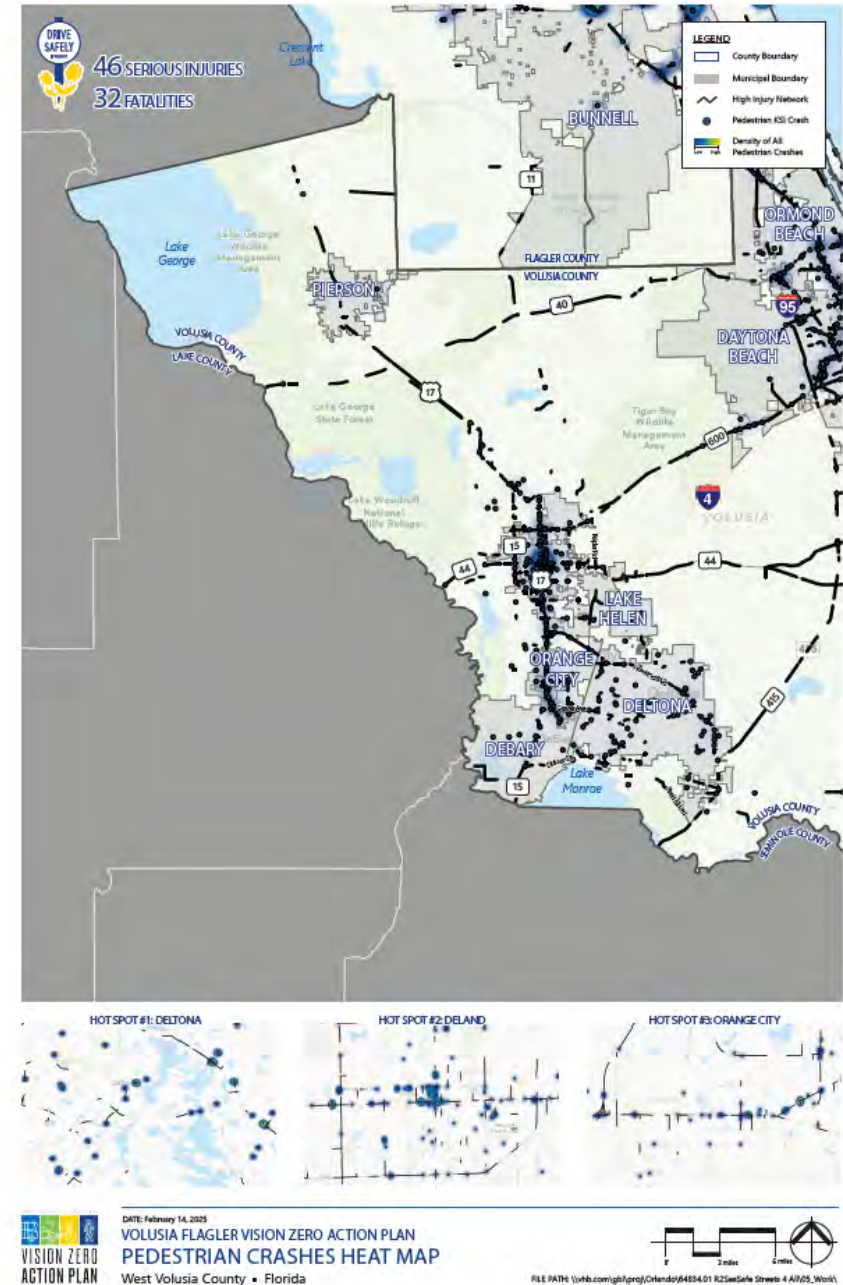
BIKE



DRIVE



RIDE



STATION #3: COUNTERMEASURES IDENTIFICATION

Learn about some proven safety strategies and provide feedback on what will work in your community.

- Provide feedback on your walking and biking level of comfort
- Learn about proven countermeasures
- Identify locations in your community where these strategies make sense

VOLUSIA FLAGLER VISION ZERO ACTION PLAN COUNTERMEASURES FREE RESPONSE



Instructions: Vision Zero assumes that crashes on our roads are preventable. Following this premise, please provide feedback on how we might better increase safety for all road users through the following categories. What types of behaviors have you observed that lead to crashes or close calls? Which roads in your community should be addressed?



EDUCATION



EMERGENCY SERVICES



ENFORCEMENT

VOLUSIA FLAGLER TPO VISION ZERO ACTION PLAN: SAFE STREETS WALKING LEVEL OF COMFORT



When a crash occurs, pedestrians involved in that crash are more likely to be killed or seriously injured than those in a vehicle. In Volusia and Flagler Counties, nearly 1 in 4 crashes involving a pedestrian result in a fatality or serious injury. As such, creating safer walking conditions is a primary focus of the Volusia Flagler Vision Zero Action Plan. Provide feedback on your walking habits, concerns, and identify safety countermeasures below.

HOW OFTEN DO YOU WALK IN AN AVERAGE WEEK?

0 TIMES PER WEEK	1-2 TIMES PER WEEK	3-4 TIMES PER WEEK	5-6 TIMES PER WEEK	7+ TIMES PER WEEK
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WHY DO YOU WALK? (SELECT ALL THAT APPLY)

TO/FROM WORK	TO MEET DAILY NEEDS	TO/FROM SCHOOL	TO/FROM PLACES FOR SOCIAL INTERACTION	FOR EXERCISE
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ON AVERAGE, HOW LONG ARE YOUR WALKS?

0 MILES	1-3 MILES	3-4 MILES	5+ MILES	? OR VARIES
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HOW COMFORTABLE DO YOU FEEL WALKING IN YOUR NEIGHBORHOOD?

NOT COMFORTABLE AT ALL	SOMEWHAT UNCOMFORTABLE	NO OPINION	SOMEWHAT COMFORTABLE	COMFORTABLE
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SELECT THE TOP THREE COUNTERMEASURES THAT YOU THINK WOULD BE MOST BENEFICIAL TO IMPROVE WALKING SAFETY ON CHARLOTTE

LIGHTING IMPROVEMENTS	WALKWAYS	CROSSWALK VISIBILITY ENHANCEMENTS	MEDIANS AND REFUGE ISLANDS	RECTANGULAR RAPID FLASHING BEACONS	ROAD DIETS	OTHER
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4

OPEN DISCUSSION

Have you or a loved one been involved in a fatal or serious injury crash?

Yes

0%

No

0%

DO YOU HAVE ANY PERSONAL STORIES TO SHARE ON HOW SERIOUS CRASHES LIKE THESE HAVE AFFECTED YOU?

