



# Vision Zero in Palm Beach County

Palm Beach TPA



# Outline

Crash data and mapping

Vision Zero Action Plans

Funding Resources

Next Steps

# Crash Data Resources



Official record keeper

Summary Dashboard



Signal 4 Analytics

Data Download  
Summary Dashboard  
Mapping Application  
Crash Reports



State Safety Office

Data Download  
Mapping Application  
Open Data Hub GIS



Traffic Engineering

Summary Data  
Intersection Summary  
AADT data

Integration in  
late 2022!



# Signal 4 for Palm Beach County

2022

Palm Beach County

All LE Agencies

All Emphasis Areas

Fatalities & Serious Injuries

Refresh

179

Serious Injuries

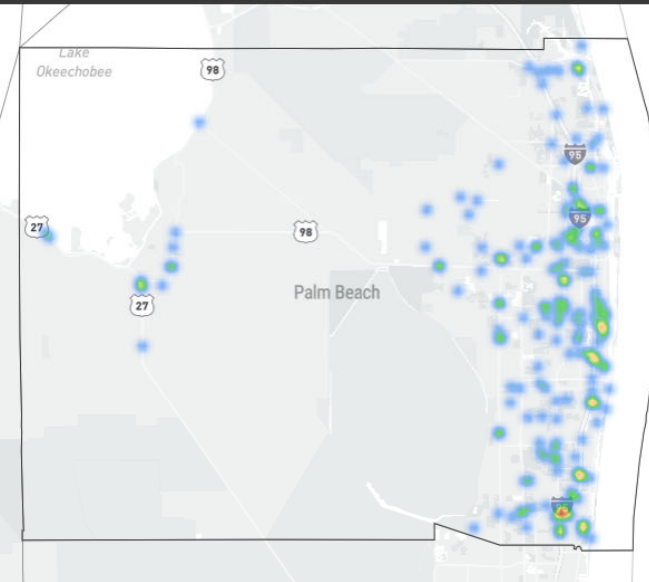
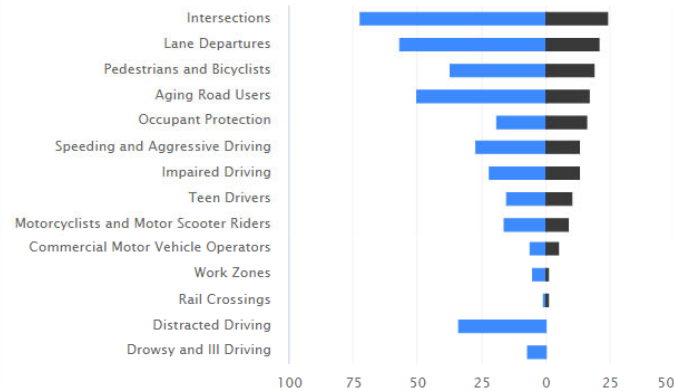
10,913

Total Crashes

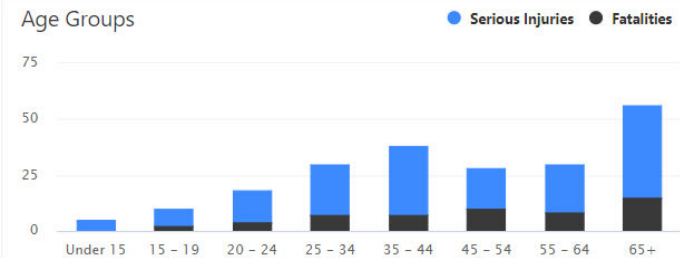
60

Fatalities

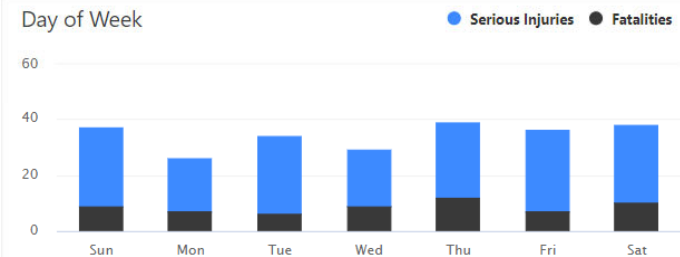
## Emphasis Areas<sup>®</sup>



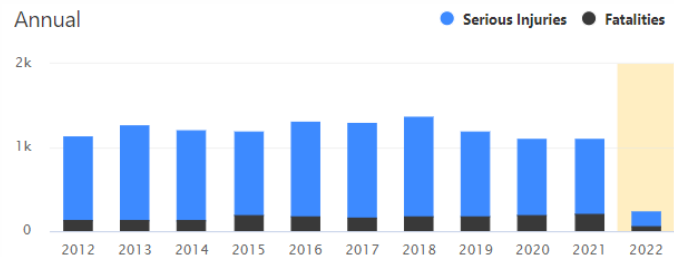
## Age Groups



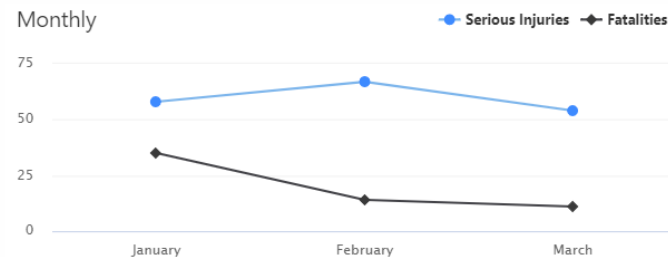
## Day of Week



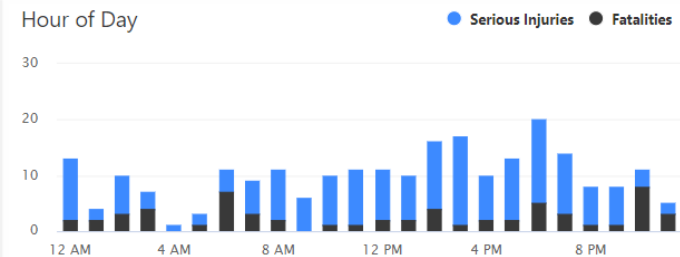
## Annual



## Monthly



## Hour of Day



# University of Florida Signal4 Application

**44** SIGNAL FOUR  
ANALYTICS

## EVENT ANALYSIS



Data available from January 1, 2011 to May 8, 2022. Last update completed May 9, 2022 at 1:17 AM .

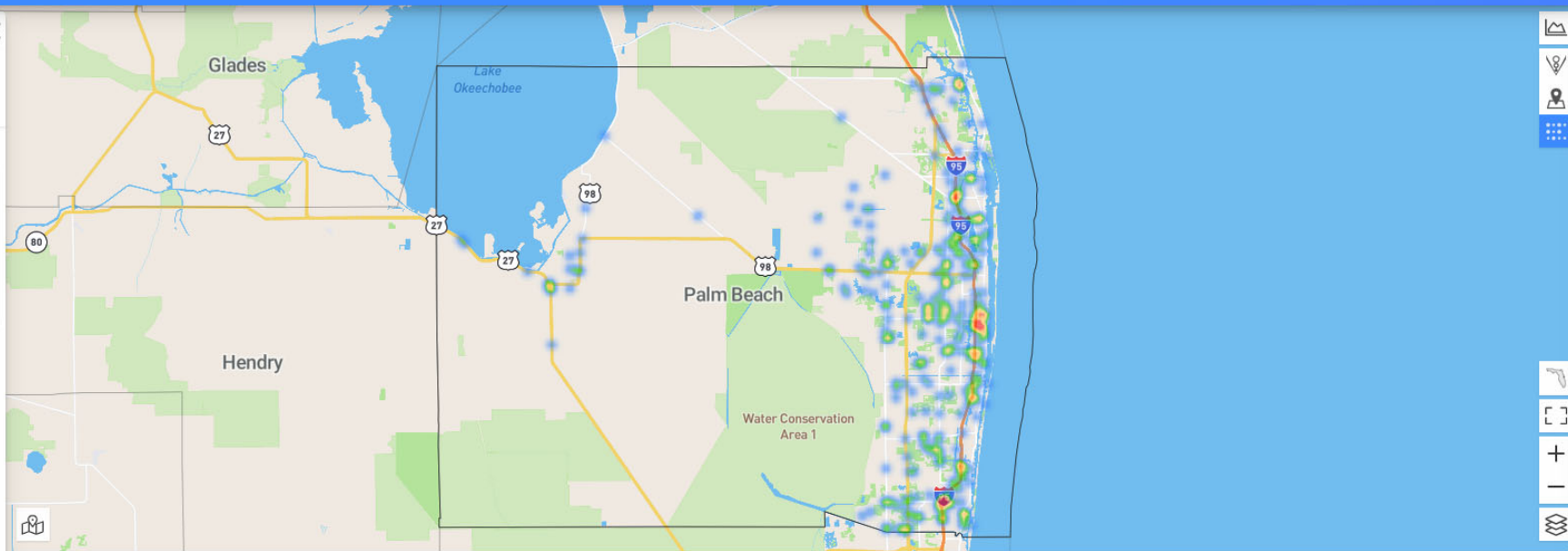
[Disclaimer](#) [Data Dictionary](#)

### Search Crashes



Crashes in Palm Beach County  
From 1/1/2022 - 5/8/2022  
With Attributes

- ☒ Fatal (within 30 days)
- ☒ Incapacitating Injury



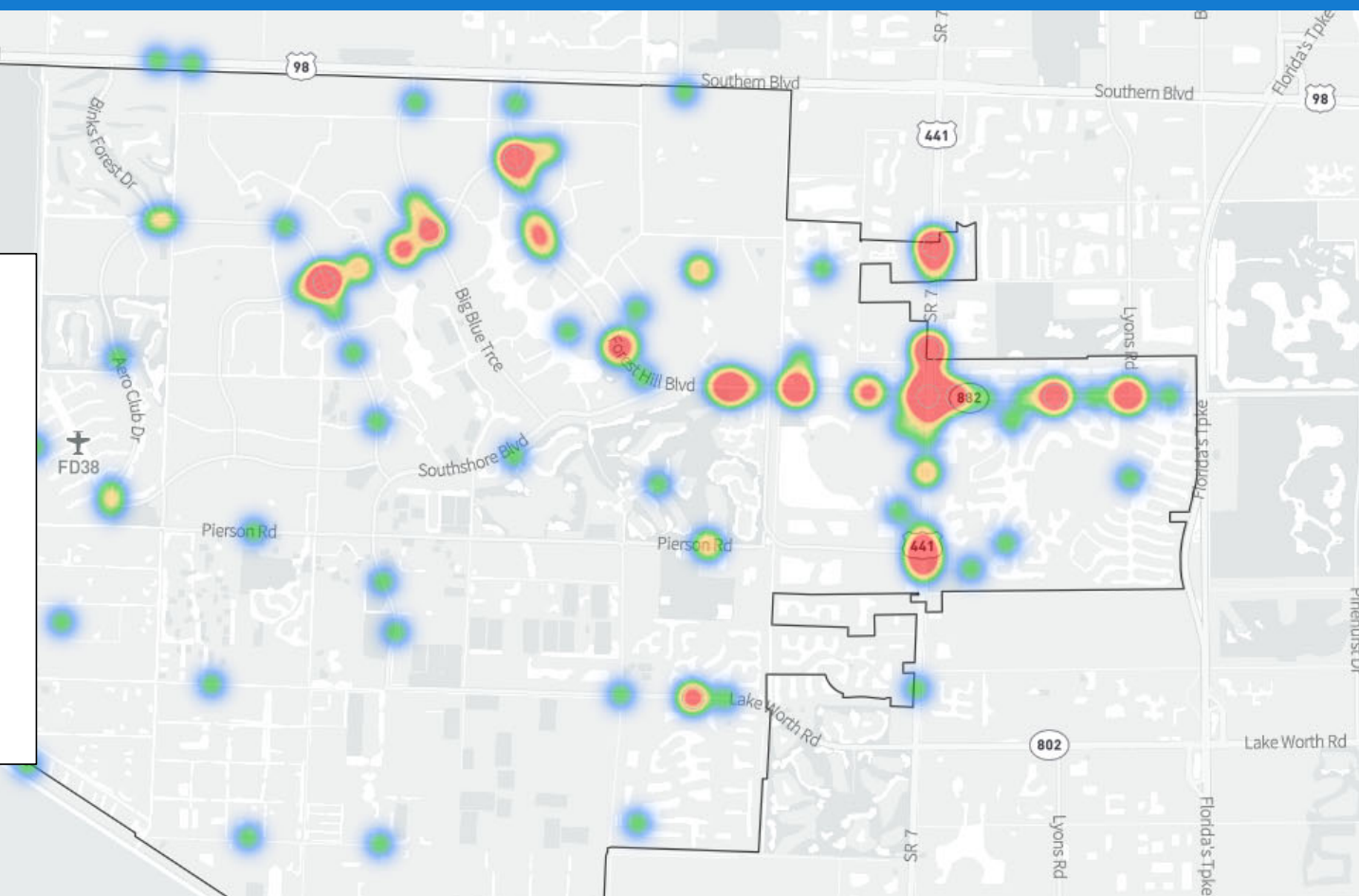
HSMV Report #	Reporting Agency Case #	Reporting Agency	Crash Date	Crash Time	City	County	Crash Street	Intersecting Street
<a href="#">24798252</a>	22021294	Palm Beach Co SO	1/1/2022	2:00 PM	Unincorporated	Palm Beach	N US HIGHWAY 27	CORKSCREW BLVD
24895308	FHP22ON0107500	FHP	3/3/2022	11:37 PM	Boca Raton	Palm Beach	I-95 SOF CLINTMOORE	CLINTMOORE RD
<a href="#">24798412</a>	22021990	Palm Beach Co SO	1/4/2022	9:37 AM	Wellington	Palm Beach	US-441	STRIBLING WAY
<a href="#">24798264</a>	22021305	Palm Beach Co SO	1/1/2022	6:54 PM	Unincorporated	Palm Beach	DONALD ROSS RD	PROSPERITY FARMS

# Fatal & Serious Injury Crashes Village of Wellington 2017-2021

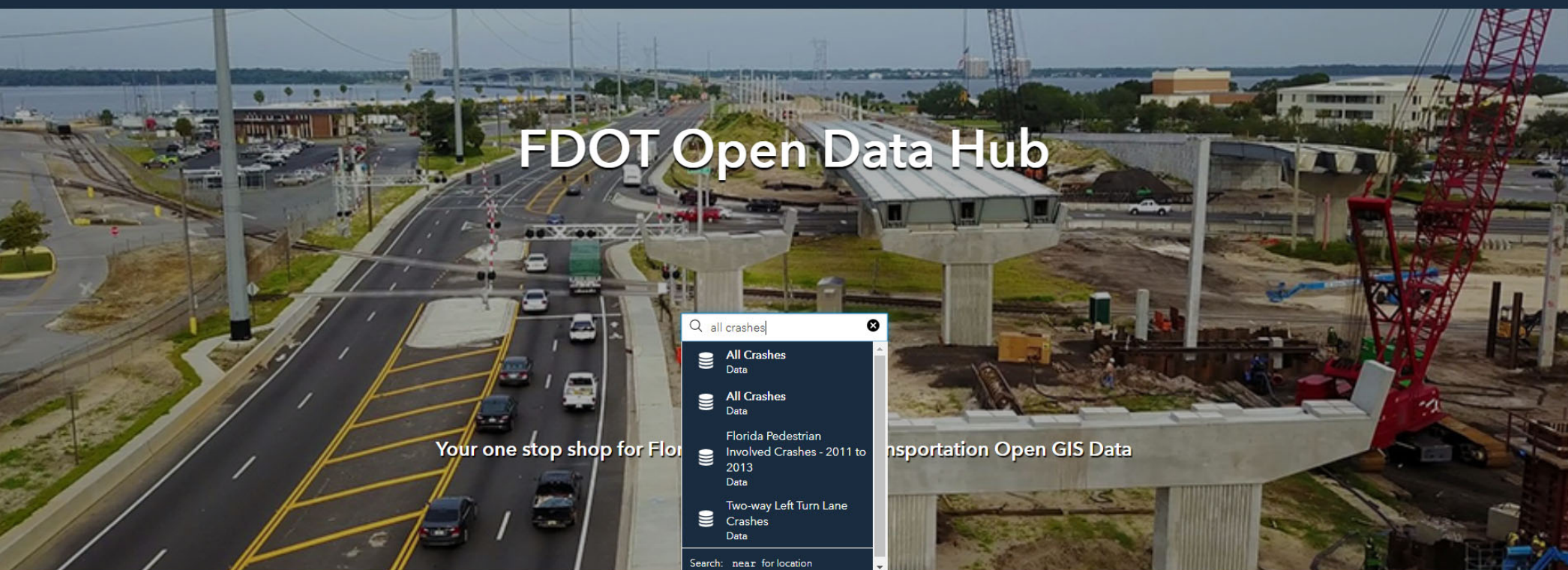
**Forest Hill Blvd  
State Road 7  
Forest Hill Blvd @ State Road 7  
Wellington Trace @ Greenview Shores**

**30% dark conditions  
22% aging road users  
14% aggressive driving  
10.6% pedestrian involved  
10% alcohol-related  
9% speeding  
6.6% bicycle involved**

Signal4 Analytics [signal4analytics.com](https://signal4analytics.com)







# FDOT Open Data Hub

Your one stop shop for Florida Department of Transportation Open GIS Data

all crashes

All Crashes Data

All Crashes Data

Florida Pedestrian Involved Crashes - 2011 to 2013 Data

Two-way Left Turn Lane Crashes Data

Search: near for location

Welcome to Florida Department of Transportation's Open Data Hub. This is our public platform for exploring and downloading open geospatial data, discovering and building apps. Here you can analyze and combine Open Datasets

# TPA Vision Zero Action Plan

- Updated in 2021
- Policy, Funding, & Cultural Actions
- High Injury Network

IN THE PAST FIVE YEARS, SPEEDING CONTRIBUTED TO

**13%**



OF ALL FATAL & SEVERE INJURY CRASHES IN PALM BEACH COUNTY

FROM 2019 TO 2020, FATAL SPEEDING CRASHES INCREASED

**11%**



NATIONWIDE

**SPEED LIMIT 35**

MATCHING ROAD SPEED TO ROAD CONTEXT IS A CORE PRINCIPLE OF VISION ZERO.

ANY ACTIVITY THAT TAKES A DRIVER'S ATTENTION AWAY FROM THE ROAD IS A DANGEROUS DISTRACTION

IN PALM BEACH COUNTY

DISTRACTED DRIVING CONTRIBUTED TO

**10%**

OF FATAL AND SEVERE INJURY CRASHES.



IMPAIRED DRIVERS CAUSED

**10%**

OF FATAL AND SEVERE INJURY CRASHES.



**10%**

OF FATAL AND SEVERE INJURY CRASHES HAD TEEN DRIVERS.<sup>15</sup>



NATIONWIDE

**28** PEOPLE DIE EVERY DAY IN DRUNK-DRIVING CRASHES



THAT'S ONE PERSON EVERY

**52** MINUTES



**45%**

OF THE TEENAGERS KILLED IN 2019 WERE UNBUCKLED



NHTSA

**THESE DEATHS WERE ALL PREVENTABLE**



# High Injury Network

**34%** of traffic deaths occur on just **5%** of our streets

ON THE HIN IN THE PAST 5 YEARS



**304**  
DEATHS



**1,903**  
SEVERE INJURIES



**20** INTERSECTIONS  
ACCOUNT FOR **10%**  
OF THE FATAL AND  
SEVERE INJURY  
CRASHES



**HIN** CORRIDORS  
ACCOUNT FOR

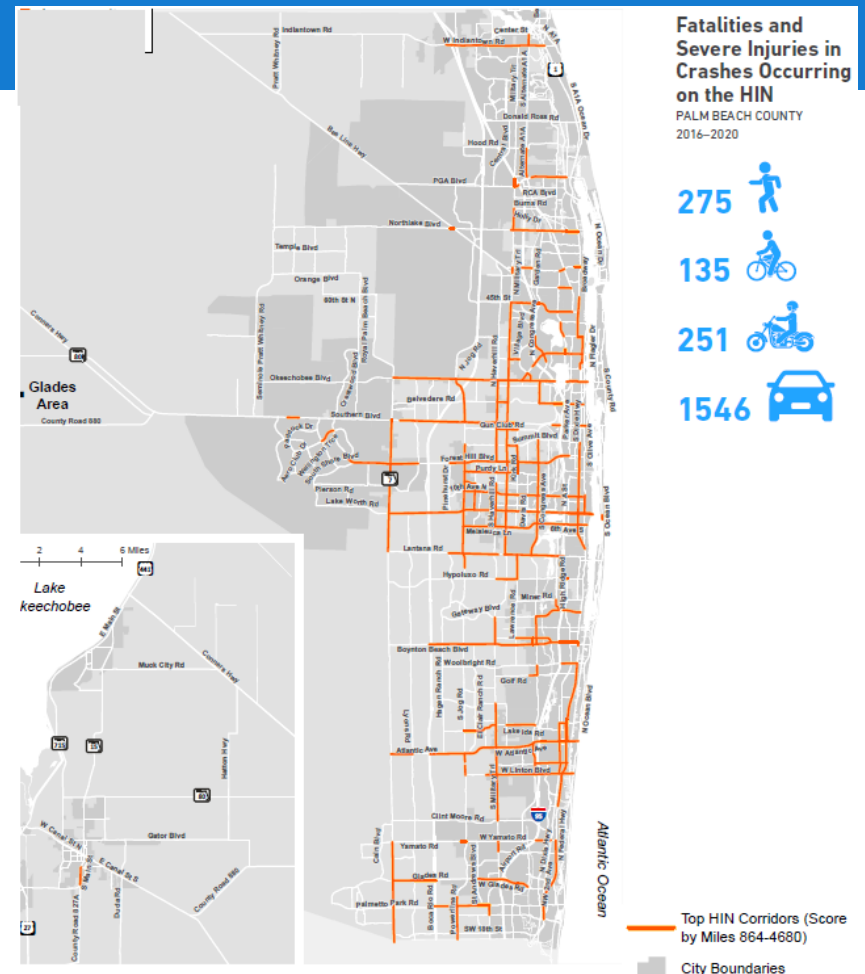
**34%** COUNTY'S  
FATAL  
CRASHES

**37%** SEVERE INJURY  
CRASHES

JUST

**5%**

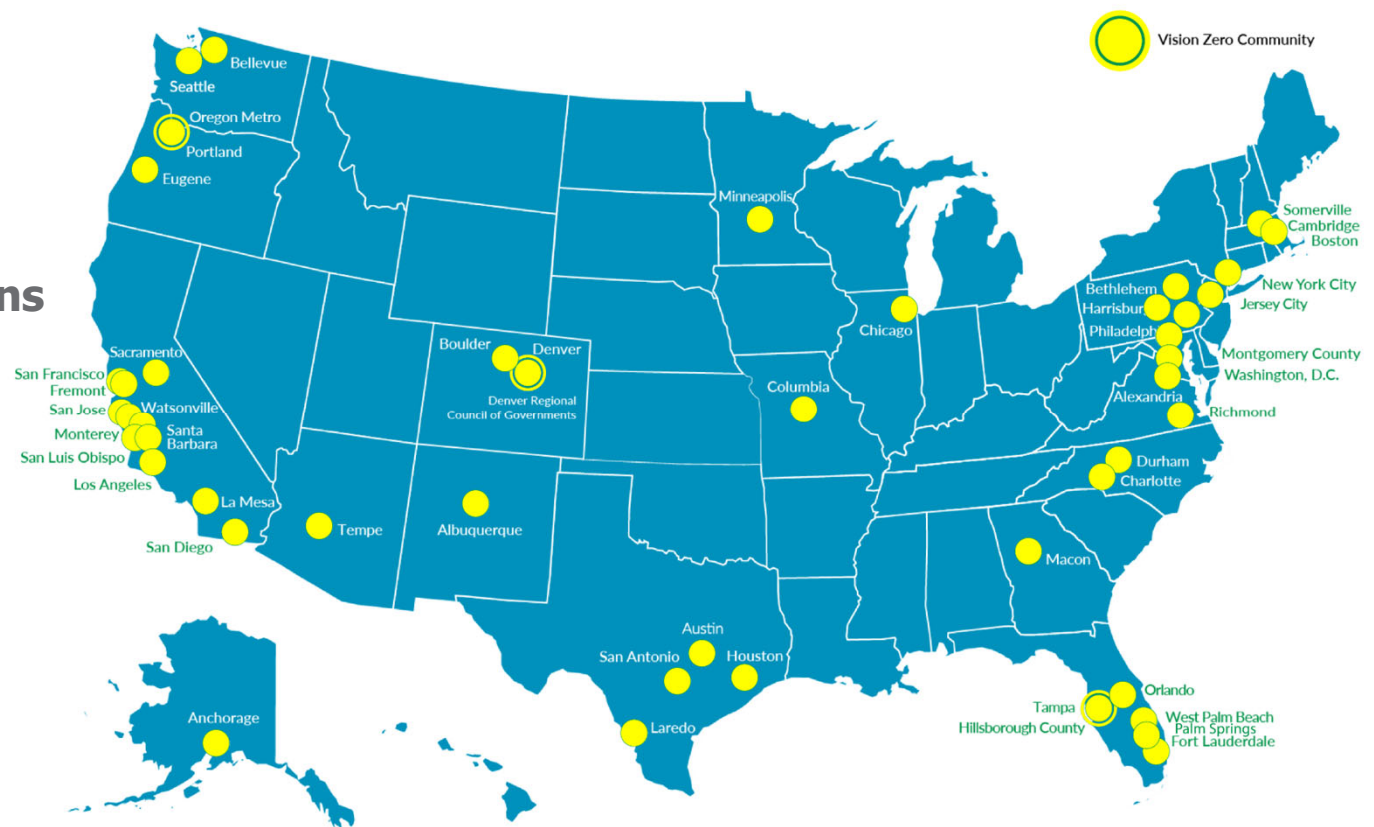
OF THE TOTAL  
ROADWAY MILEAGE IN  
PALM BEACH COUNTY



# Vision Zero Communities

## Local Vision Zero Resolutions

Belle Glade  
Boynton Beach  
Delray Beach  
Palm Springs  
West Palm Beach



# TPA Resources

- Walk-Bike Safety Audits
- Planning studies support
- Corridor studies
- Complete Streets Guide
- TPA Funding Program
- New federal funding
  - Collaborate on submittals

[palmbeachtpa.org/safety](https://palmbeachtpa.org/safety)



**PALM BEACH**  
Transportation  
Planning Agency

TRANSPORTATION ALTERNATIVES	LOCAL INITIATIVES	STATE ROAD MODIFICATIONS
Total Funds: ~\$3.3M/Year Requests: \$250K-\$1M Eligible On and Off Roads Project Examples: <ul style="list-style-type: none"><li>• Pedestrian &amp; Bicycle Facilities</li><li>• Safe Routes to School</li><li>• Safety-Related Infrastructure</li></ul>	Total Funds: ~\$20M/Year Requests: \$250K-\$5M Eligible On Federal-Aid Roads Project Examples: <ul style="list-style-type: none"><li>• Complete Streets</li><li>• Transit Capital</li><li>• Freight Efficiency</li></ul>	Total Funds: ~\$20.4M/Year Requests: \$500K-\$5M Eligible On State Roads Project Examples: <ul style="list-style-type: none"><li>• Complete Streets</li><li>• Traffic Calming</li><li>• Intersection Modifications</li></ul>

## FUNDING PROGRAMS

**Grant Application Workshop: October 26, 2021 from 9-11 a.m.**

**Applications Due: February 18, 2022 at 5 p.m.**

**[PalmBeachTPA.org/Funding](https://PalmBeachTPA.org/Funding)**

301 Datura Street, West Palm Beach, FL 33401

[Info@PalmBeachTPA.org](mailto:Info@PalmBeachTPA.org)



# Vision Zero Resources

Florida Department of Transportation (FDOT)

[flcompletestreets.com/](https://flcompletestreets.com/)

[fdot.gov/Safety/](https://fdot.gov/Safety/)

FHWA list of Action Plans

[rspcb.safety.fhwa.dot.gov/VisionZero/](https://rspcb.safety.fhwa.dot.gov/VisionZero/)

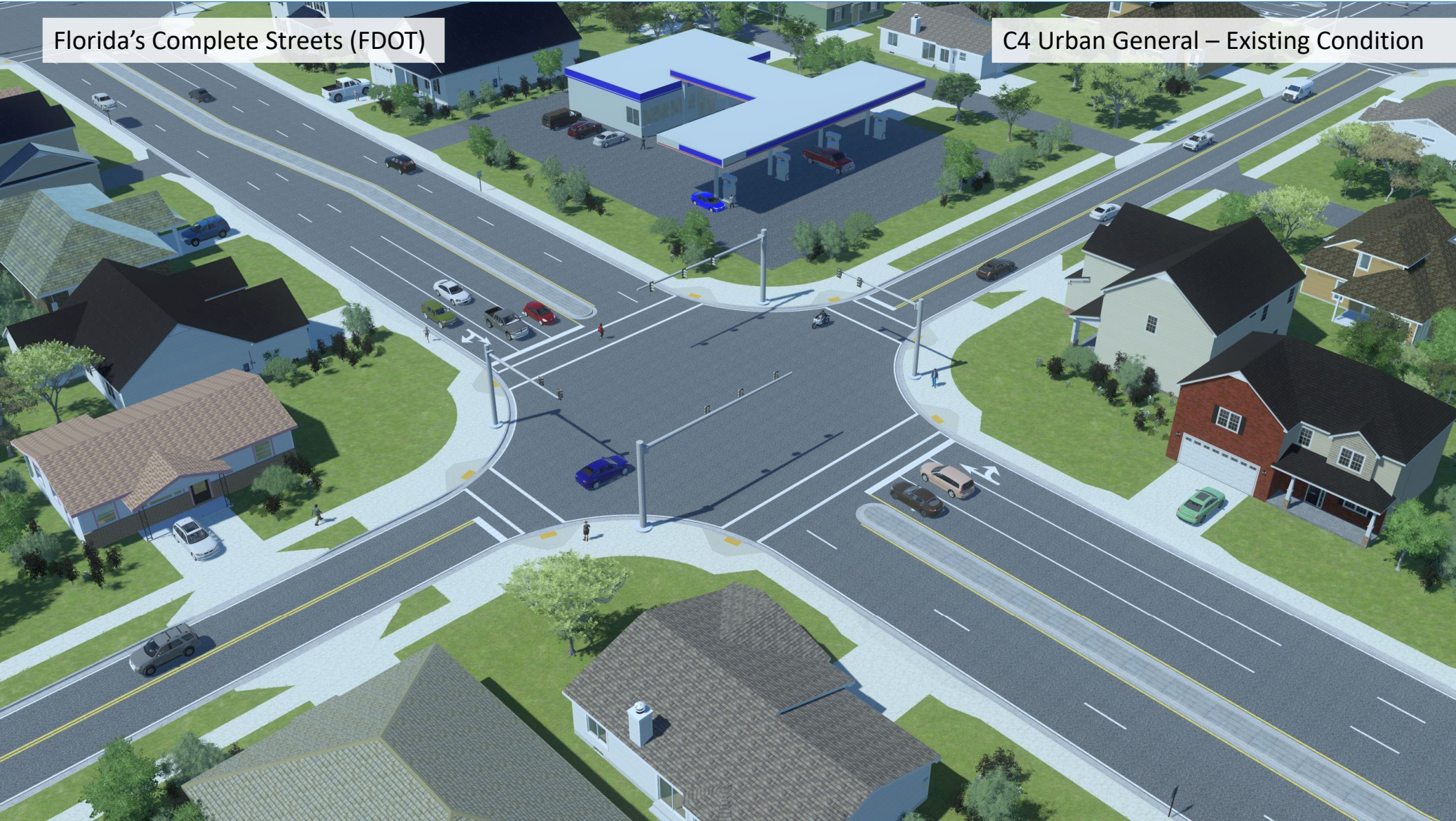
Vision Zero Network

[visionzeronetwork.org/](https://visionzeronetwork.org/)



Florida's Complete Streets (FDOT)

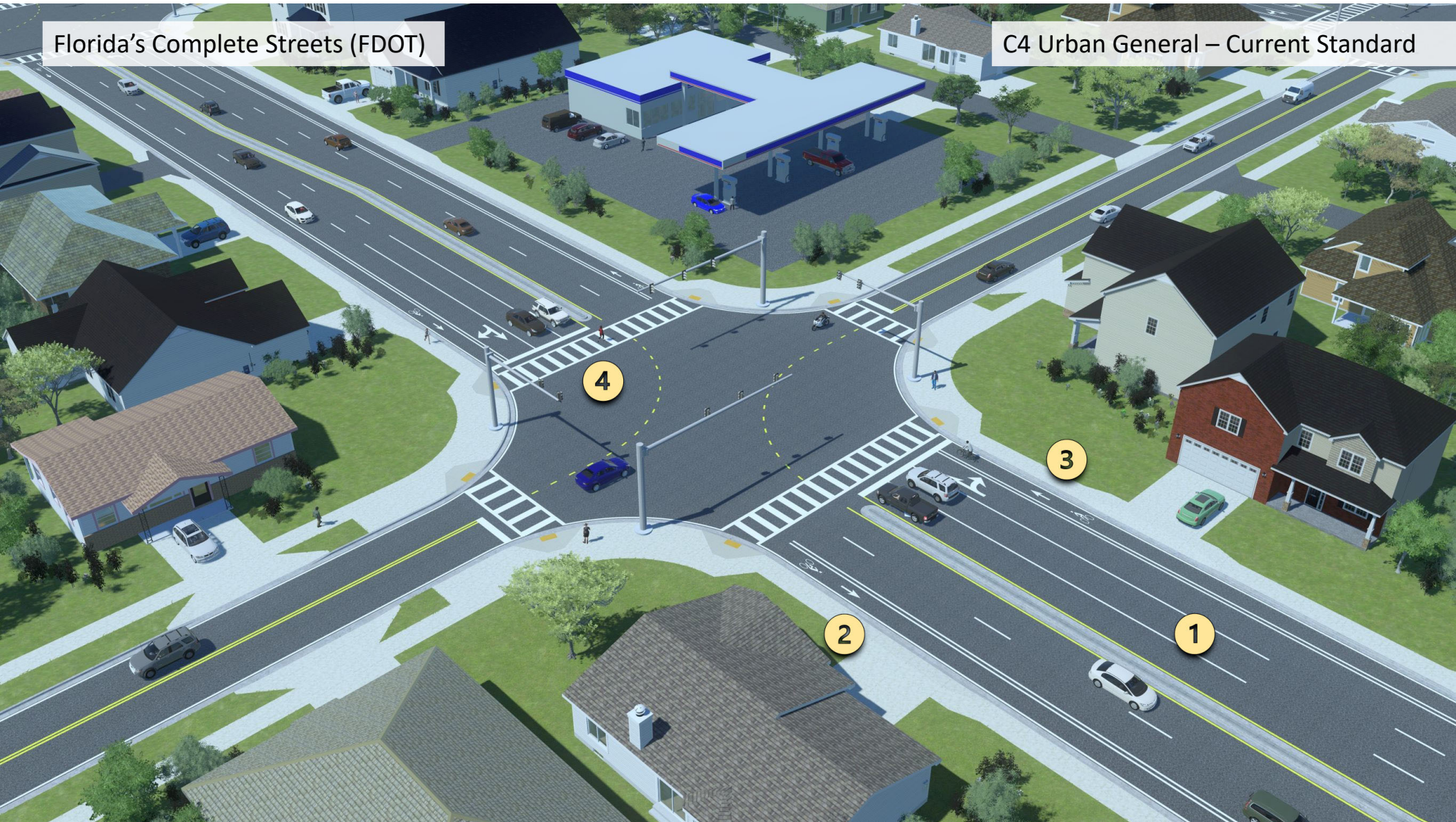
C4 Urban General – Existing Condition





Florida's Complete Streets (FDOT)

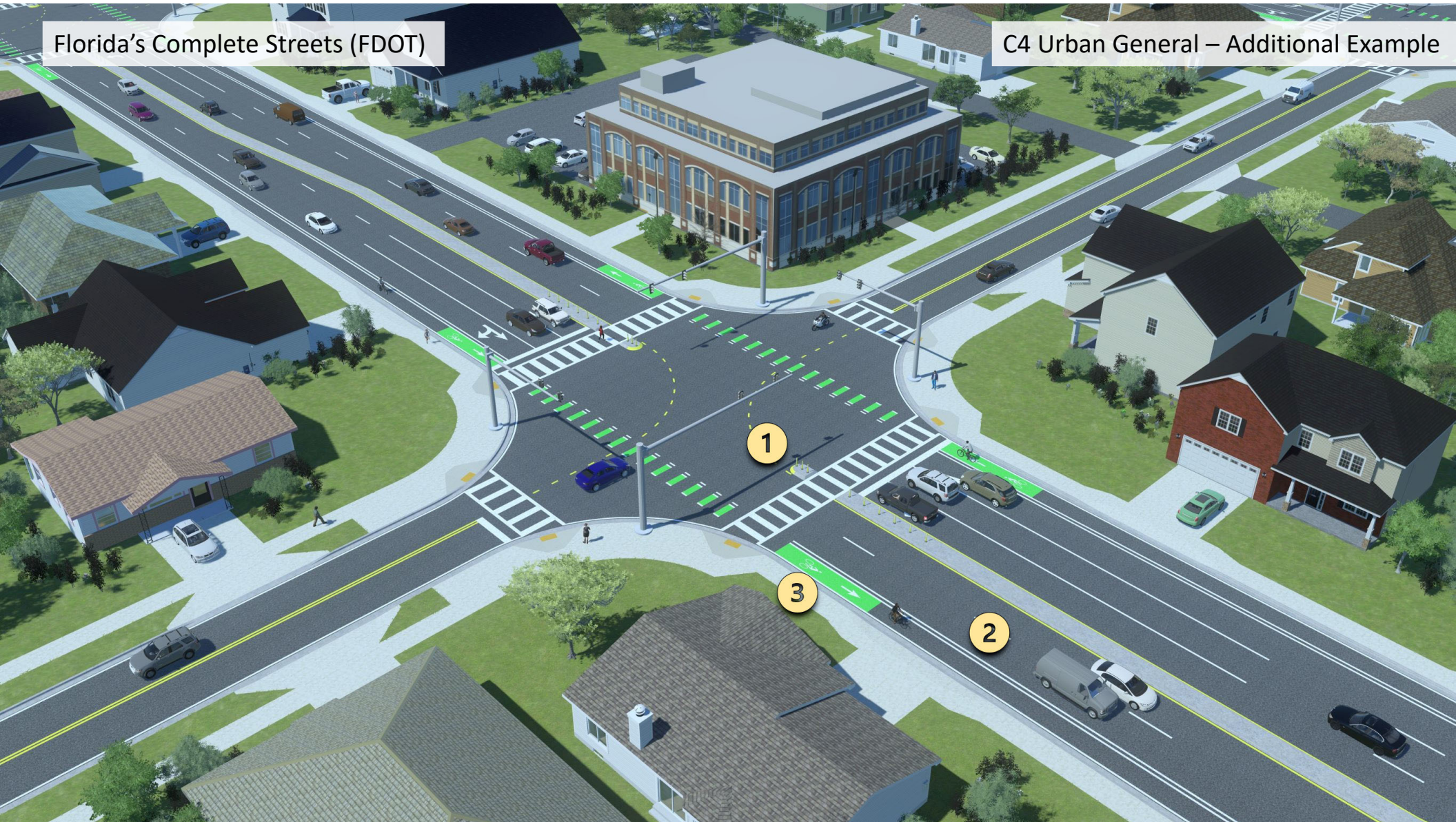
C4 Urban General – Current Standard





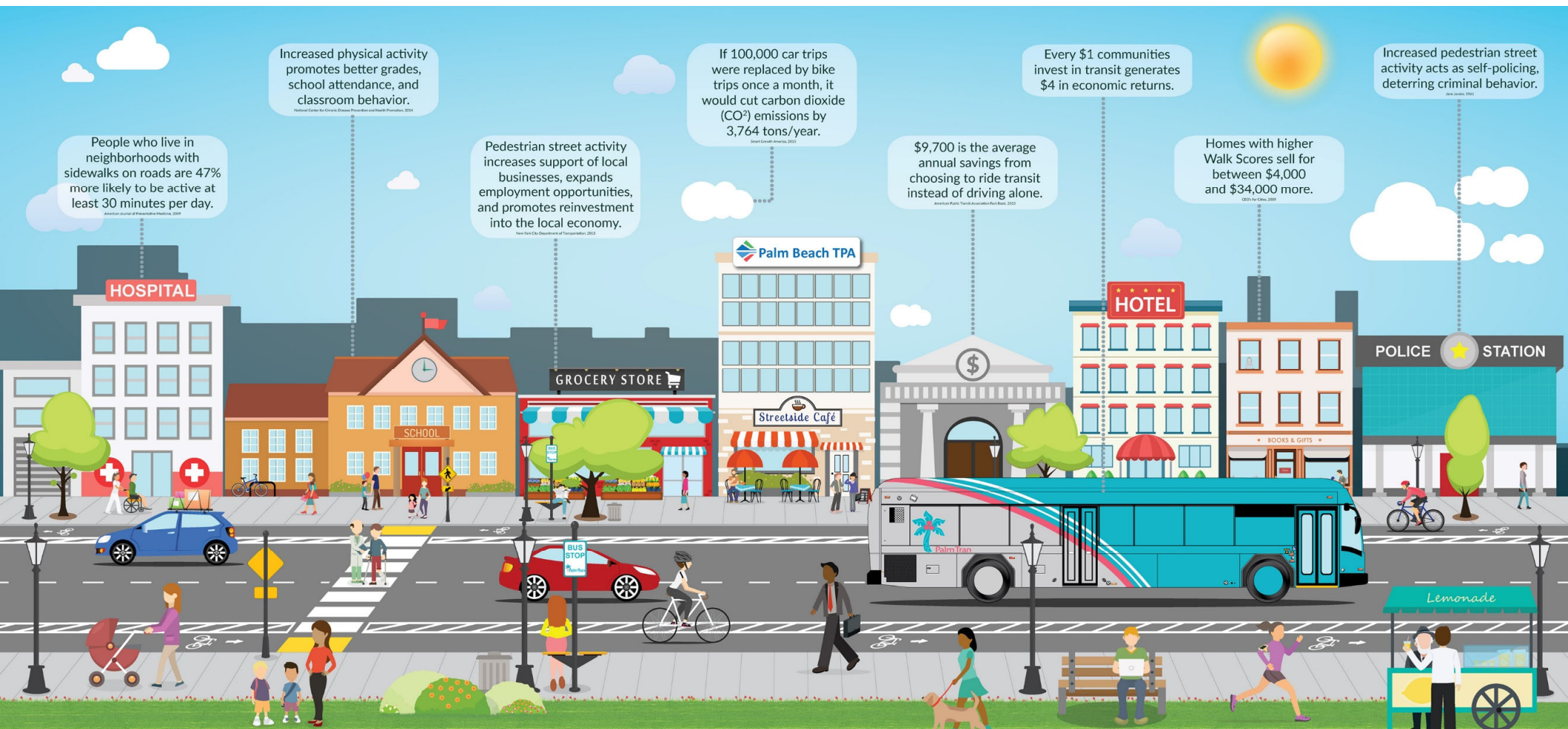
Florida's Complete Streets (FDOT)

C4 Urban General – Additional Example





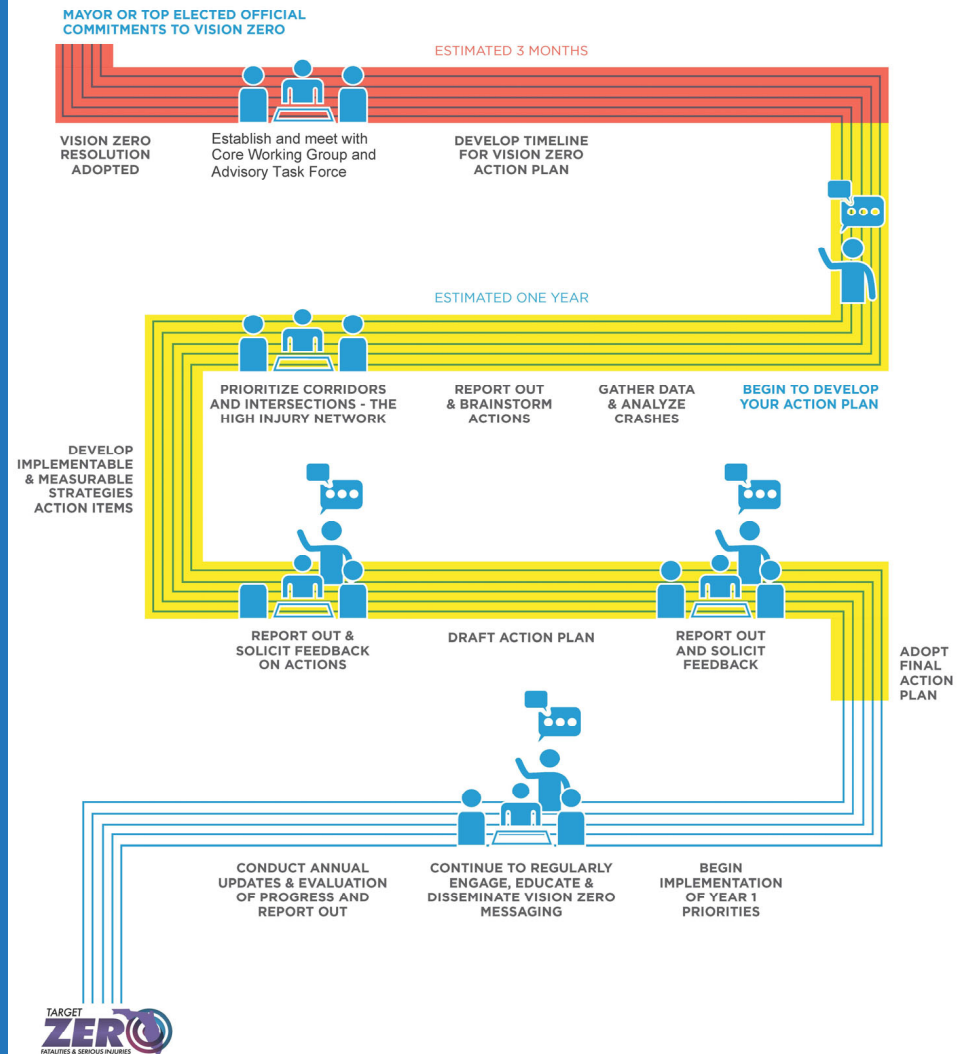
# Benefits of Complete Streets



# Next steps

1. Look at available resources
2. Adopt a Vision Zero Resolution
3. Create a Vision Zero Action Plan
  - Understand your role and develop actions
  - Understand your community issues/needs
    - High emphasis areas
    - High crash locations
4. Evaluate and report on progress

## THE ROAD TO ZERO MOVING FROM VISION TO RESULTS



# Questions?