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

FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES

Official record keeper

Summary Dashboard

UF GEOPLAN CENTER

Signal 4 Analytics

Data Download

Summary Dashboard

Mapping Application

Crash Reports

FDOT

State Safety Office

Data Download

Mapping Application

Open Data Hub GIS

PALM BEACH COUNTY FLORIDA

Traffic Engineering

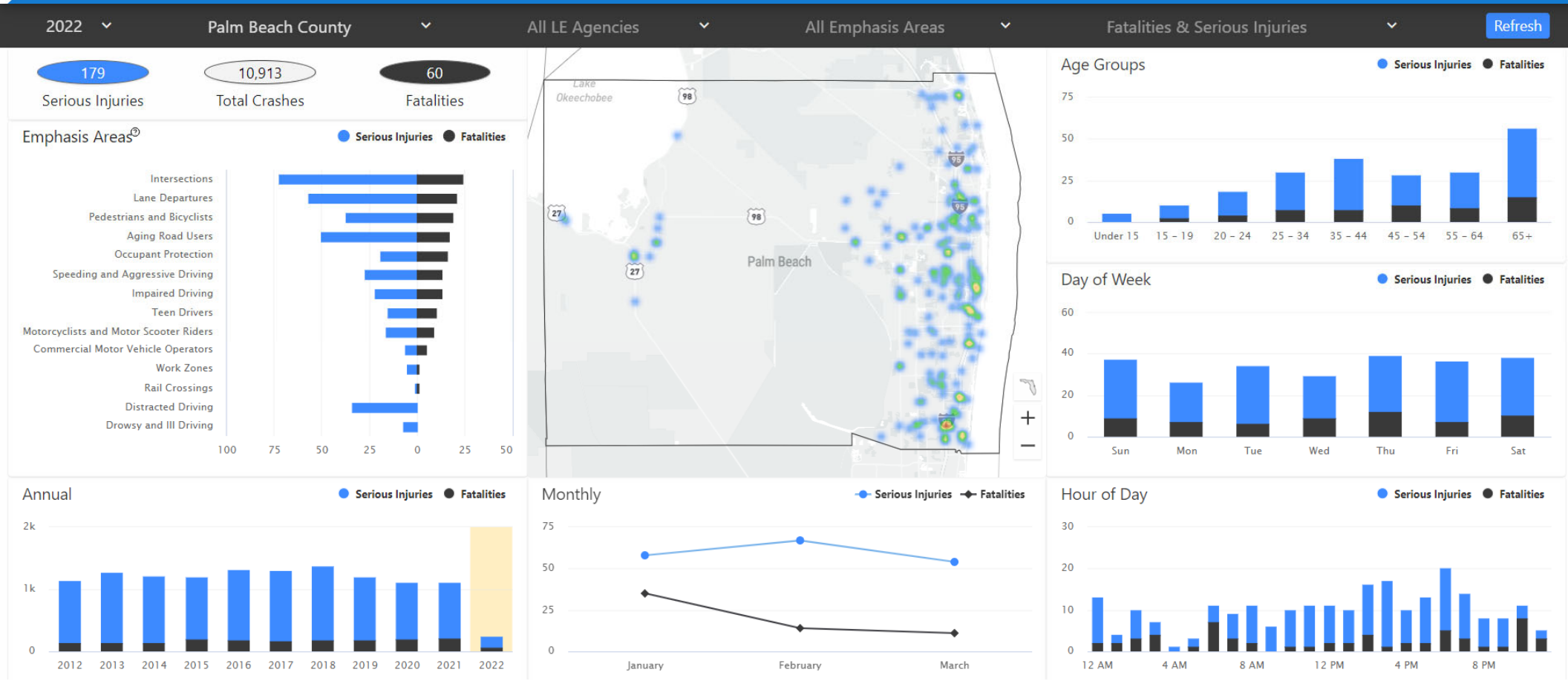
Summary Data

Intersection Summary

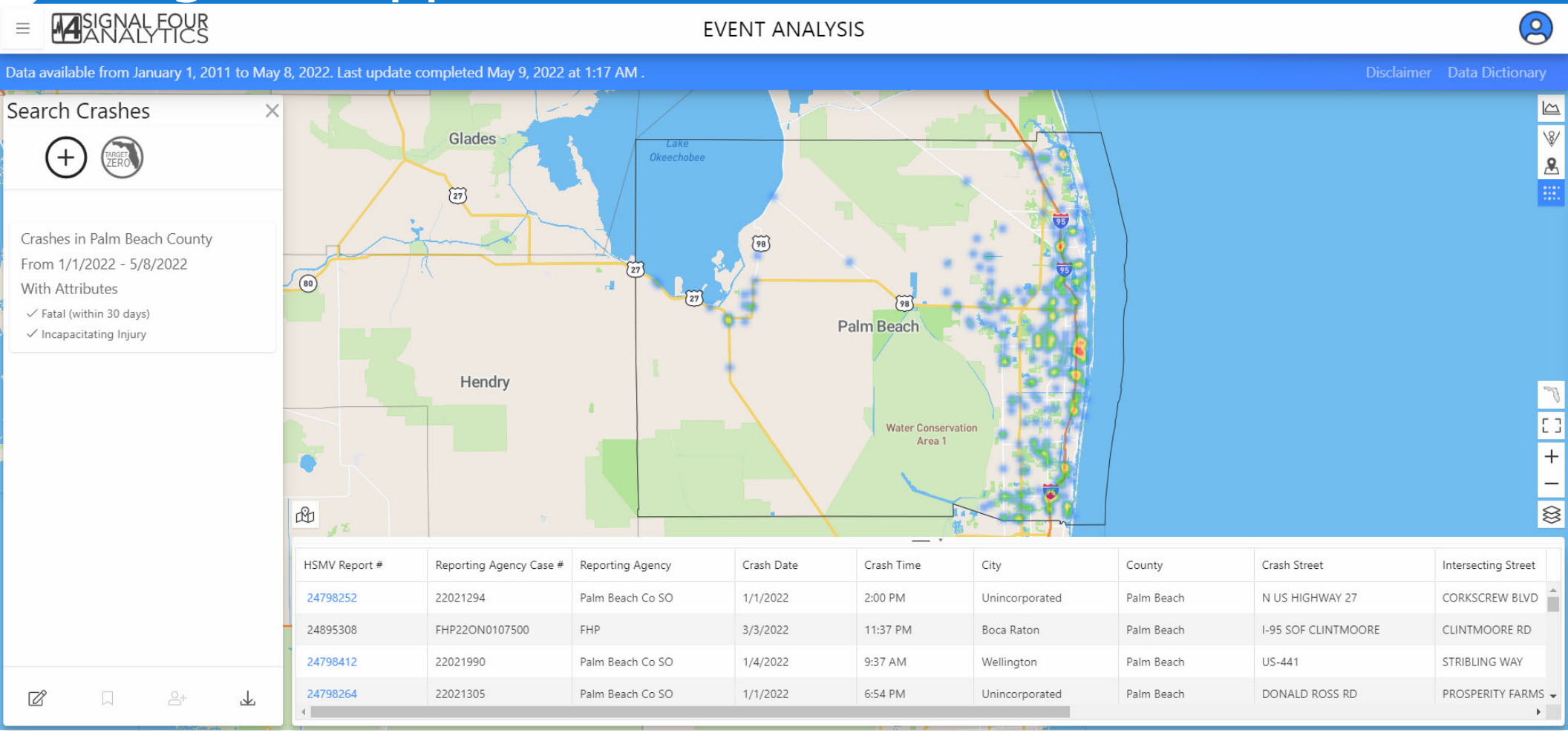
AADT data

Integration in late 2022!

Signal 4 for Palm Beach County

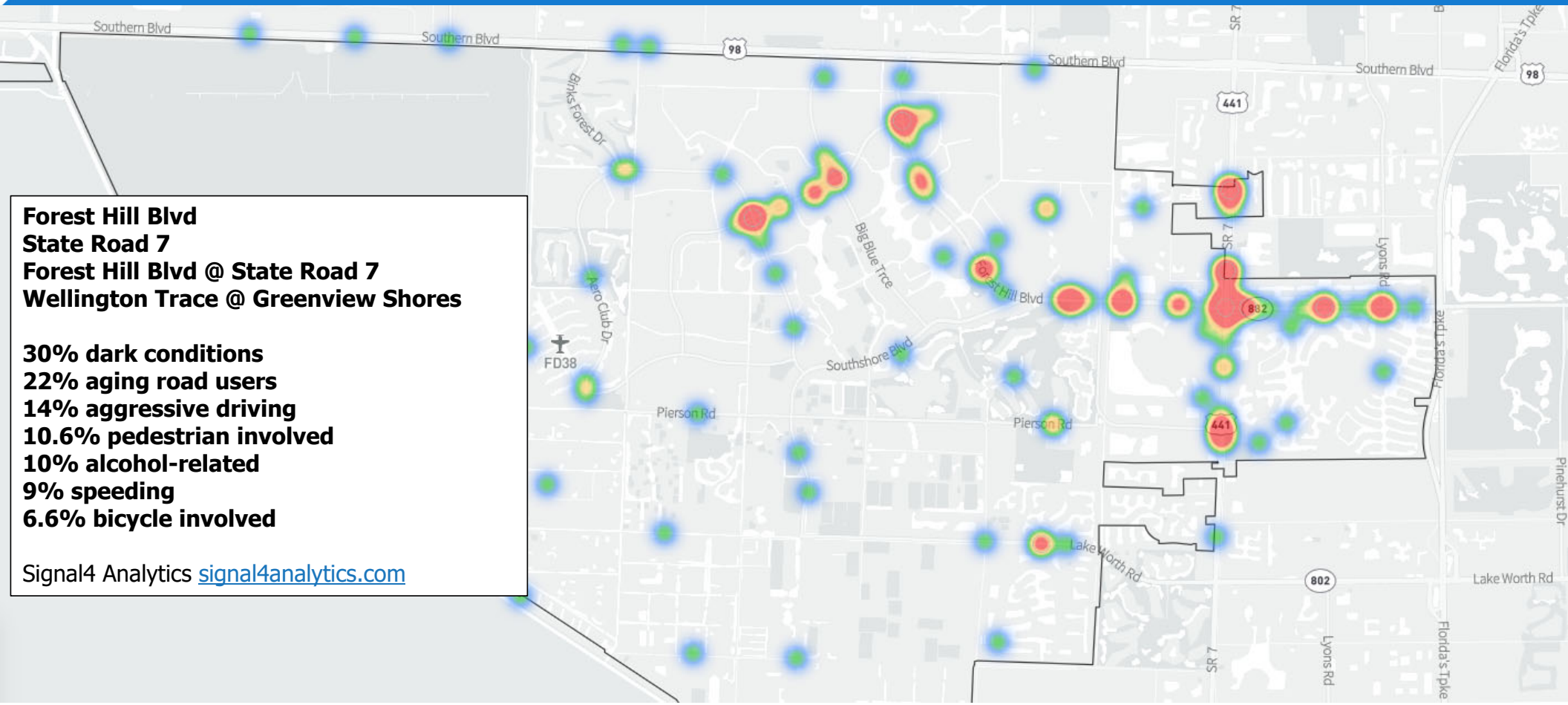


University of Florida
Signal4 Application



HSMV Report #	Reporting Agency Case #	Reporting Agency	Crash Date	Crash Time	City	County	Crash Street	Intersecting Street
24798252	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
24798412	22021990	Palm Beach Co SO	1/4/2022	9:37 AM	Wellington	Palm Beach	US-441	STRIBLING WAY
24798264	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



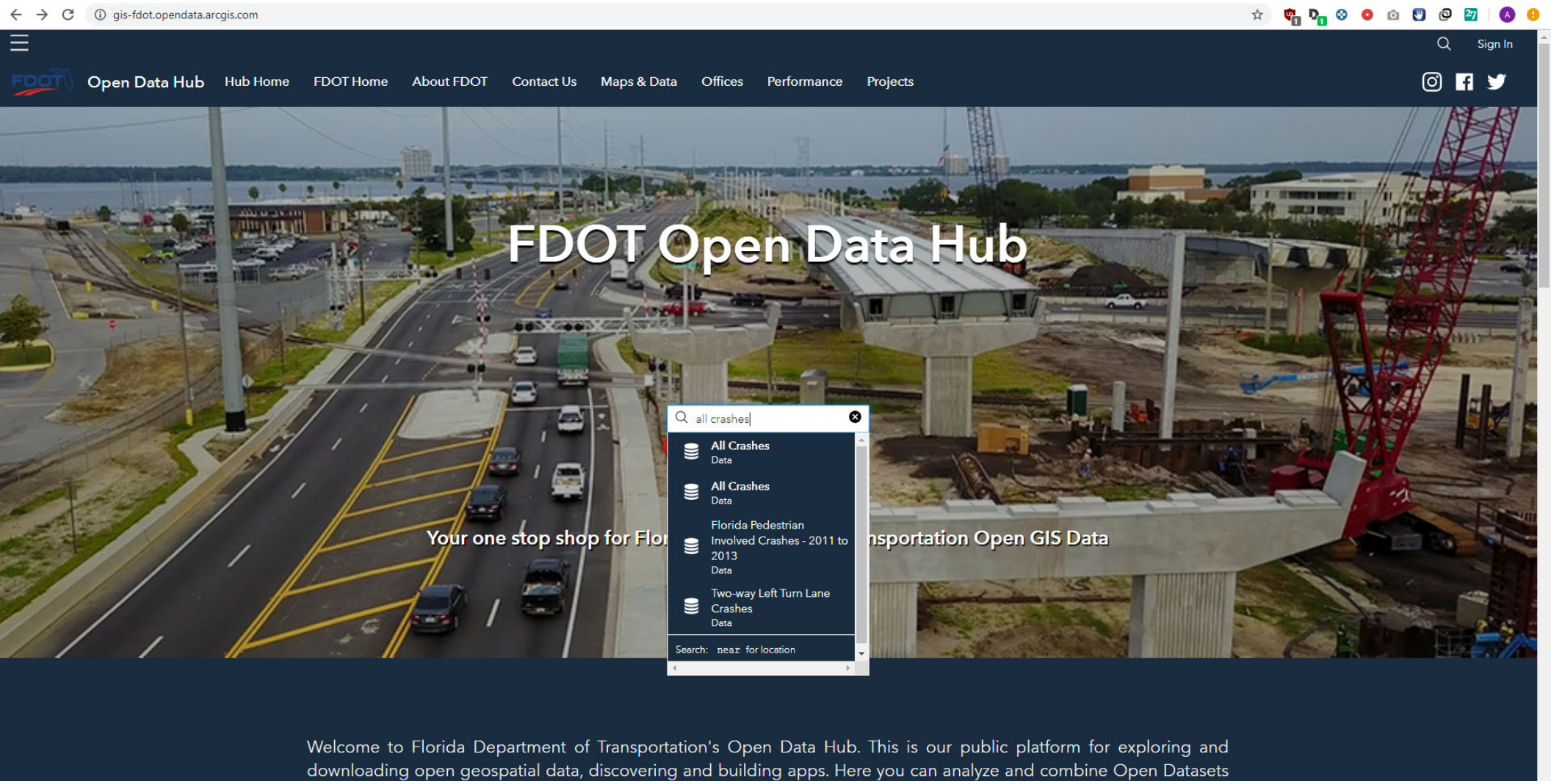
Forest Hill Blvd
State Road 7
Forest Hill Blvd @ State Road 7
Wellington Trace @ Greenview Shores

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

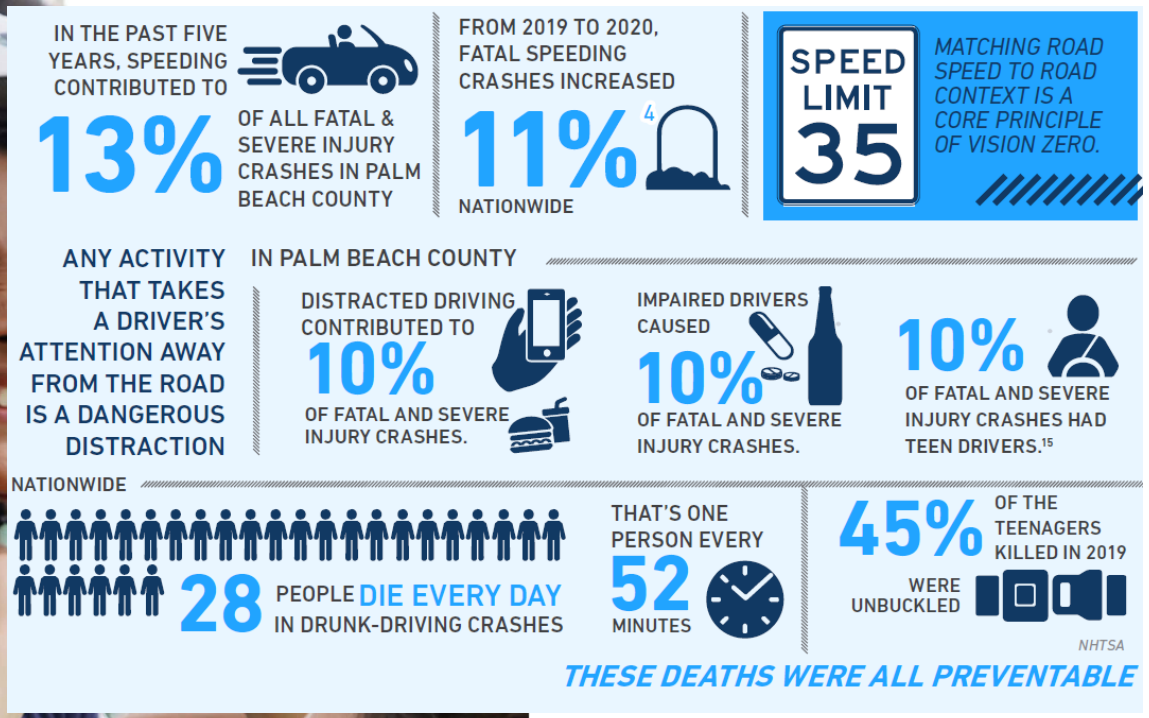
FDOT Open Data Hub

Google: FDOT Open Data Hub



TPA Vision Zero Action Plan

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



High Injury Network

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

ON THE HIN IN THE PAST 5 YEARS

304 DEATHS

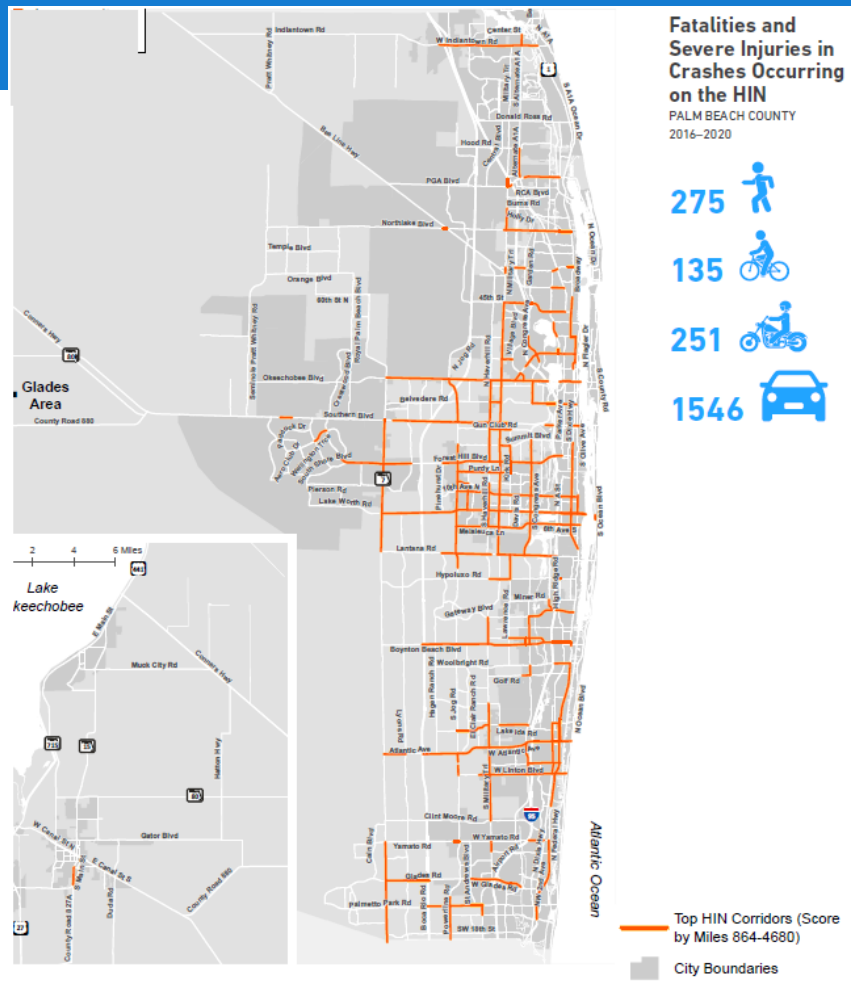
1,903 SEVERE INJURIES

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

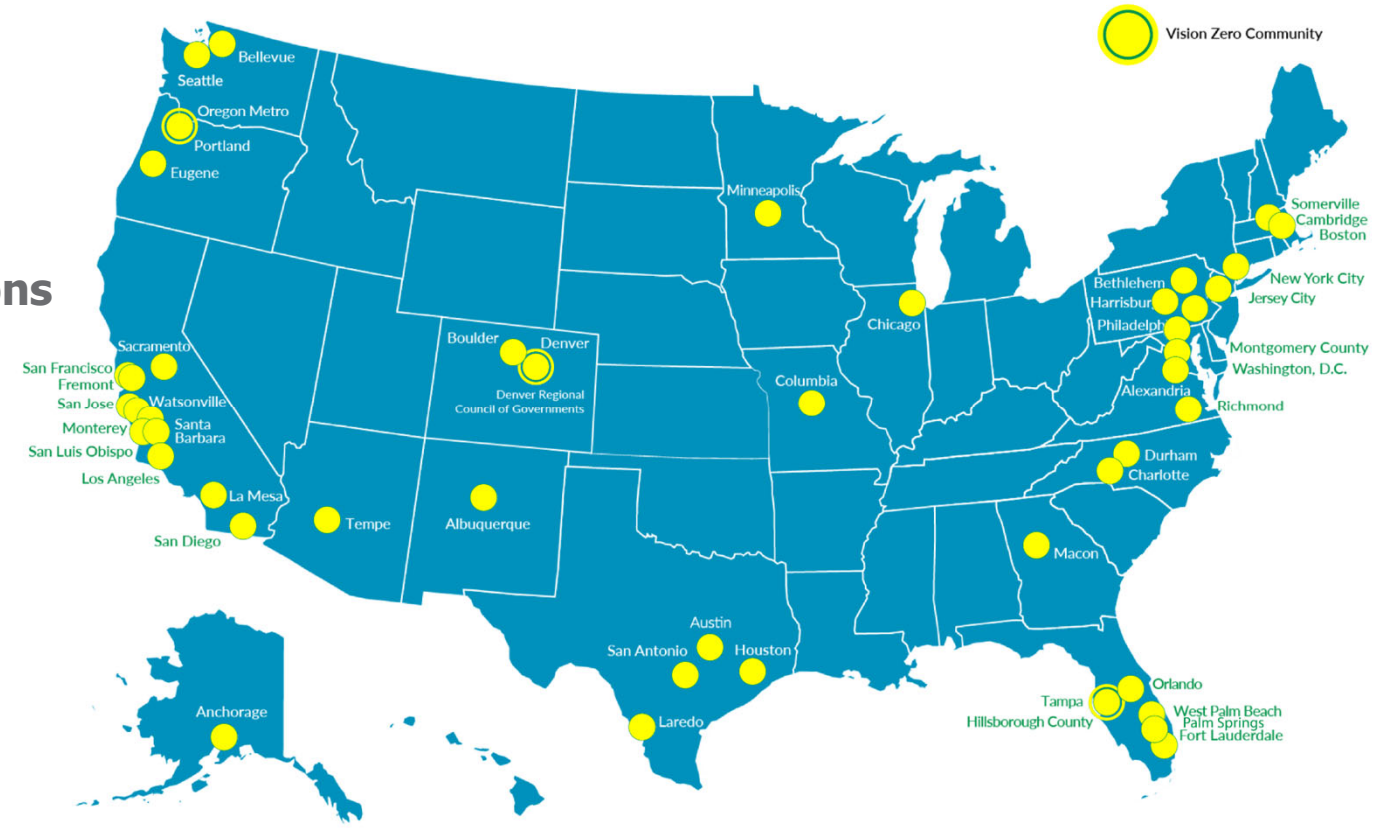
JUST **5%** OF THE TOTAL ROADWAY MILEAGE IN PALM BEACH COUNTY



Vision Zero Communities

Local Vision Zero Resolutions

Belle Glade
Boynton Beach
Delray Beach
Palm Springs
West Palm Beach



Map Date: November 2020, Courtesy Vision Zero Network

TPA Resources

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

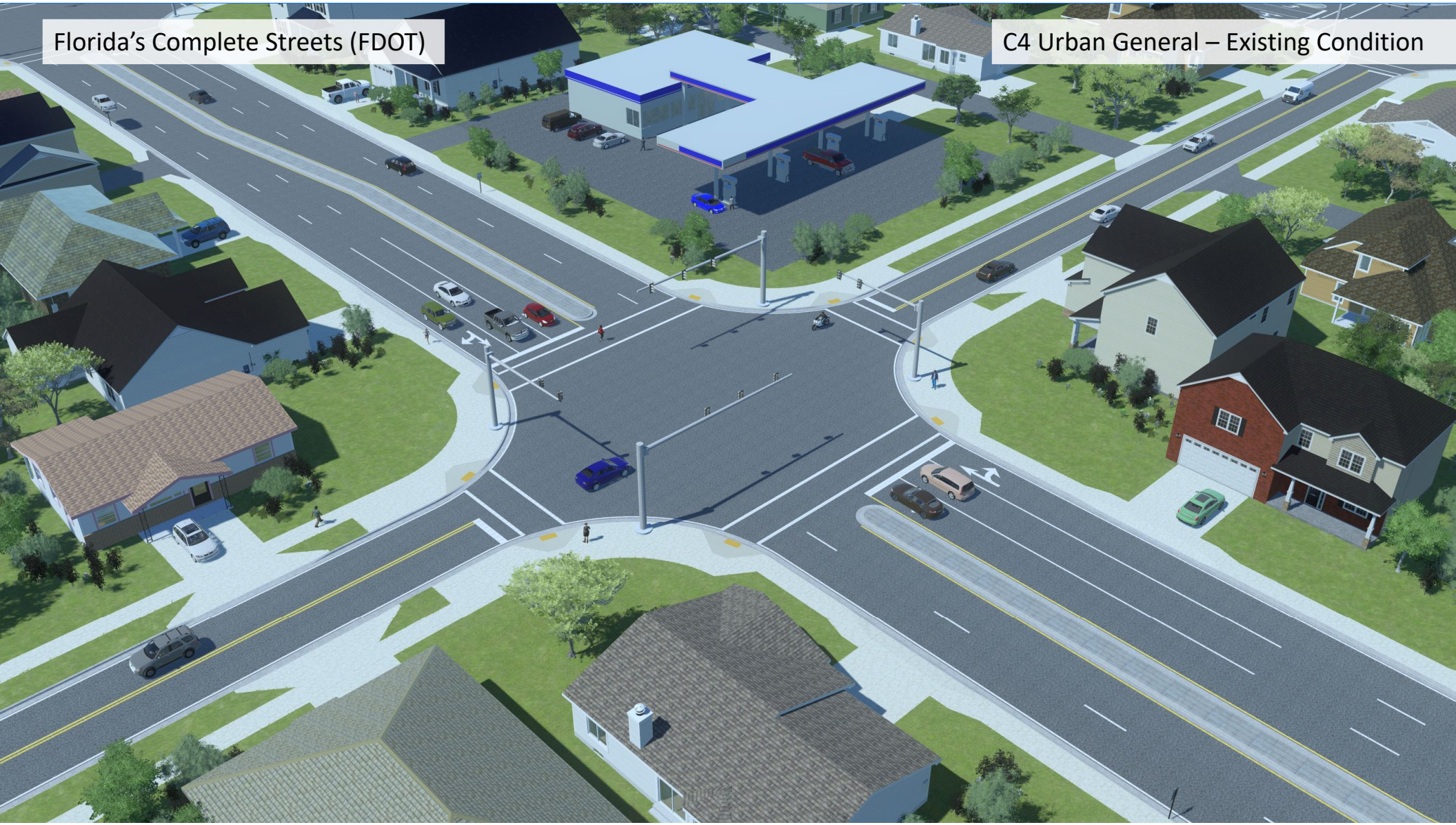
palmbeachtpa.org/safety

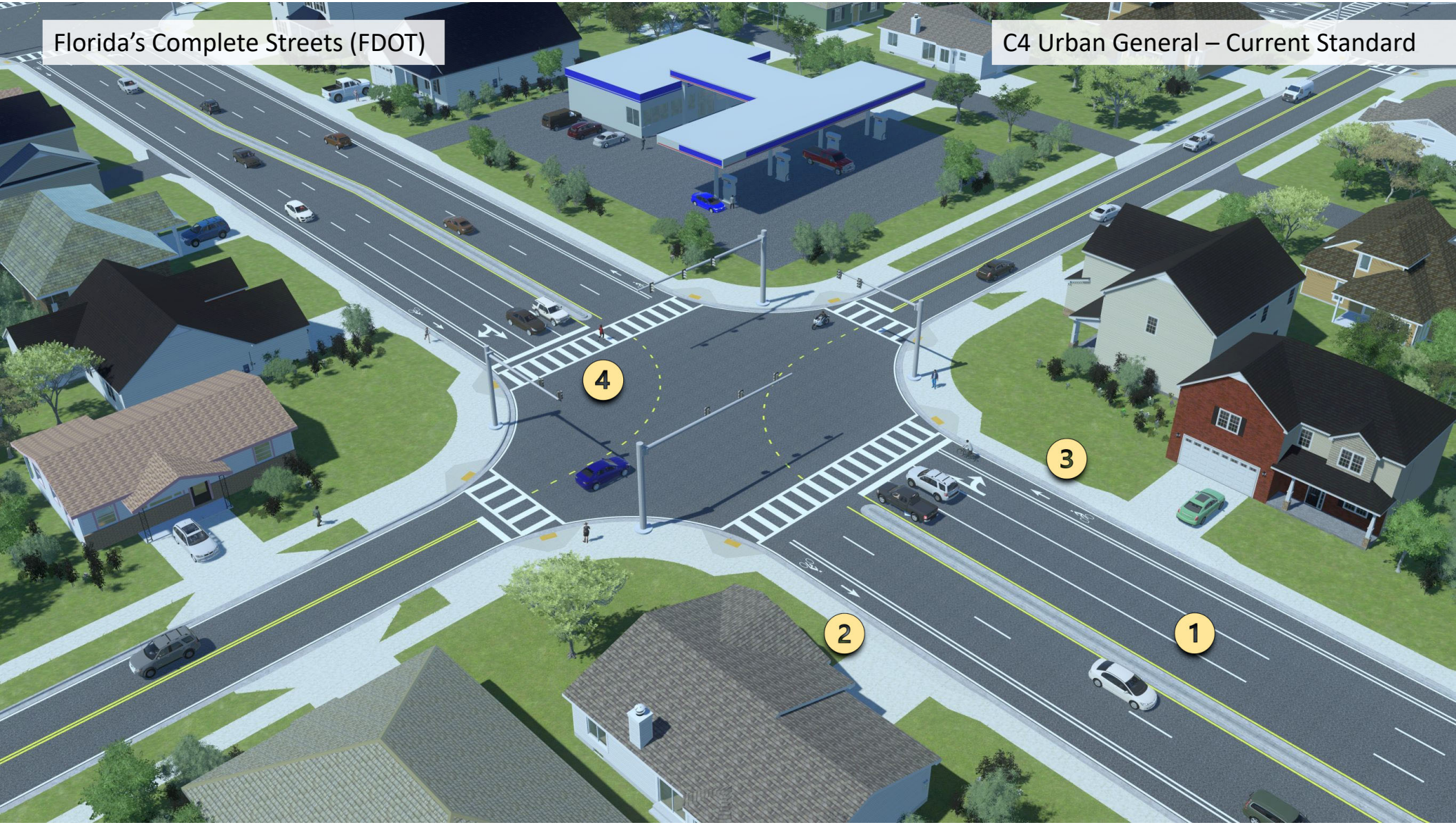
Vision Zero Resources

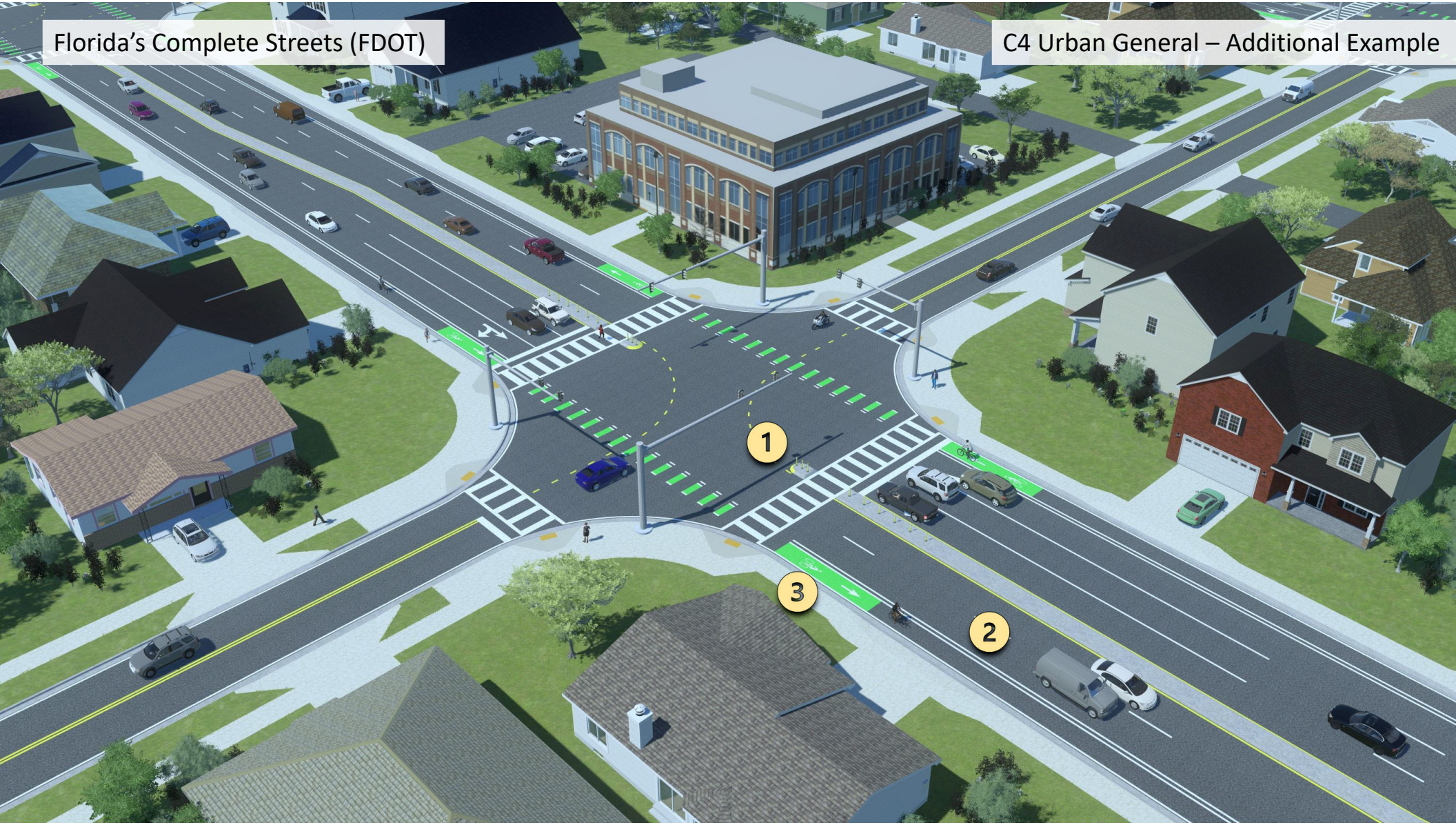
Florida Department of Transportation (FDOT)
flcompletestreets.com/
fdot.gov/Safety/

FHWA list of Action Plans
rspcb.safety.fhwa.dot.gov/VisionZero/

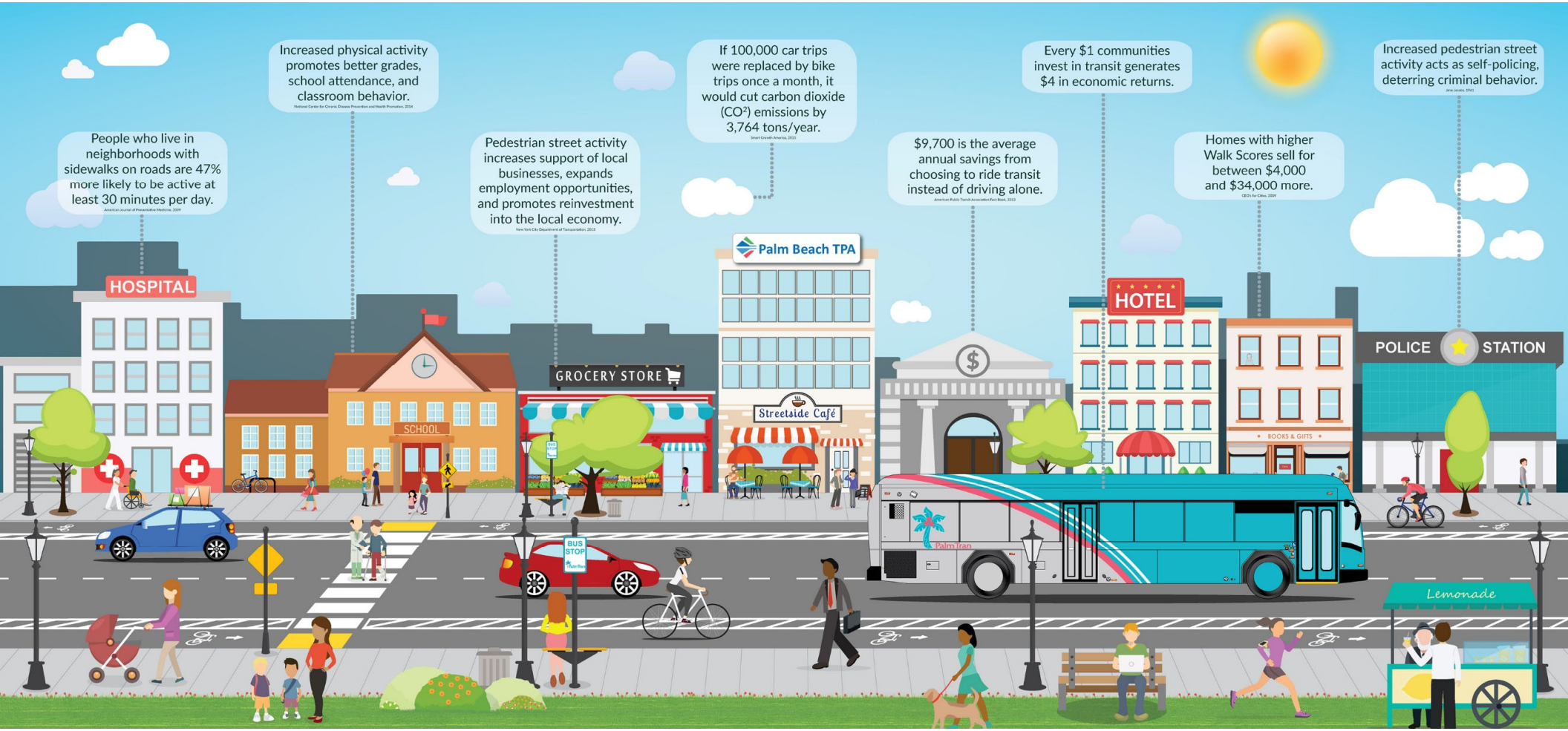
Vision Zero Network
visionzeronetwork.org/


Florida’s Complete Streets (FDOT)
C4 Urban General – Existing Condition


Florida’s Complete Streets (FDOT)
C4 Urban General – Current Standard
4
3
2
1

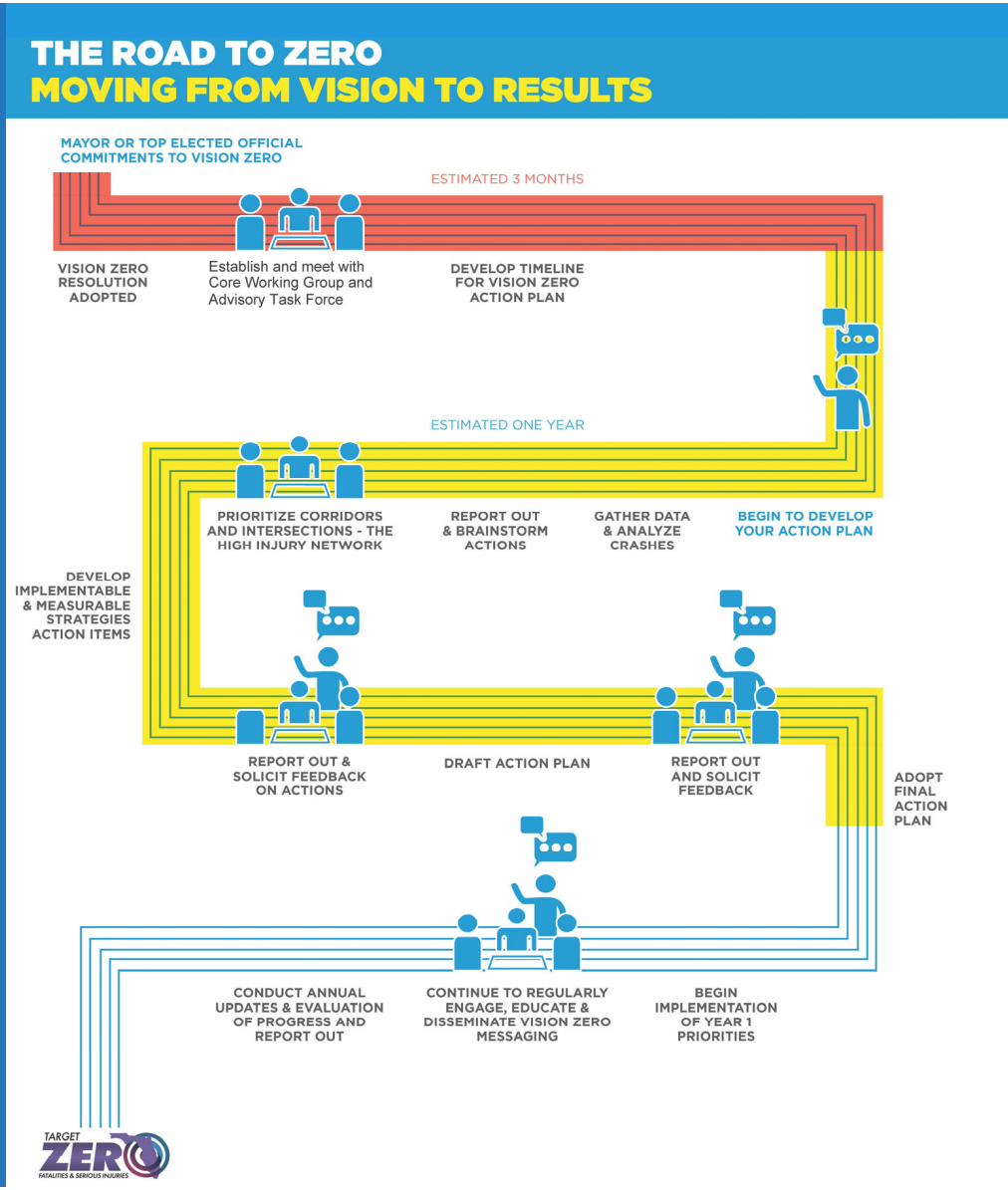

Florida’s Complete Streets (FDOT)
C4 Urban General – Additional Example
1
2
3

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



Questions?

PALM BEACH
Transportation
Planning Agency