



PALM BEACH
Transportation Planning Agency

VISION ZERO

ACTION PLAN



TPA Committee Meetings | April 3-4, 2019

TPA VISION ZERO ACTION PLAN

VISION

Eliminate traffic-related fatalities and serious injuries in Palm Beach County

GOALS

- Develop a **data-driven decision-making** framework for reducing fatalities and serious injuries by identifying targeted countermeasures.
- Develop **measurable action items** to monitor progress toward Vision Zero.
- **Align with Vision Zero partners** to drive down fatalities and serious injuries towards an ultimate vision of zero.

Changes since last round

- Add traditionally underserved and low income populations maps and removed reference to specific communities not reflected in the analysis
- Update action: Propose revisions to Florida Design Manual (state roads) and Florida Greenbook (county and municipal roads): d) Revise criteria for installation of vehicle or pedestrian crossing treatments at mid-block and unsignalized locations.
- Added the source and date of the data to each map at the top.

Next Steps

Adopt Vision Zero Resolution affirming commitment and endorsing the Vision Zero Action Plan.

Assign staff to actions.

Produce annual Vision Zero report to track progress and update actions.

Official report on progress February each year

ACTION PLAN

POLICY RELATED ACTIONS

1 **Adopt Vision Zero Resolution** affirming commitment and endorsing the Vision Zero Action Plan.

2 **Produce annual Vision Zero report** to track progress and update actions.

Advocate for change to state and/or federal law:

- 3
- a) Require knowledge of pedestrian, bicycle, and motorcycle laws to obtain driver's license and renew every 5 years.
 - b) Regulate distracted driving as primary offense.
 - c) Regulate failure to obey crossing guard as moving violation.
 - d) Allow automated speed enforcement/citations.
 - e) Require helmets for all bicyclists, scooters and motorcyclists.
 - f) Require adaptive cruise control, lane assistance, and collision avoidance systems on all new cars by 2025.

Work with School District of Palm Beach County to require:

- 4
- a) Safe walking and biking curriculum annually in Elementary and Middle Schools.
 - b) Driver Education Curriculum in High School.

POLICY RELATED ACTIONS (continued)

5 **Propose revisions to Florida Design Manual (state roads) and Florida Greenbook (county and municipal roads):**

- a) Require setting a target speed based on context classification, not existing speeds.
- b) Require local roadway design based on context classification.
- c) Clarify where separated bike lanes are permitted and how to design them.
- d) Revise criteria for installation of vehicle or pedestrian crossing treatments at mid-block and unsignalized locations.

6 **Review state, county, and city roadway lighting policies** and recommend modifications to enhance safety for all users.

7 **Assist cities to establish Enhanced Penalty Zones** at speeding-related crash locations pursuant to s. 316.1893, F.S.

8 **Create historic and predictive crash analysis** methodology to evaluate transportation projects.

9 **Perform historic and predictive crash analysis** during PDE/PE phases for all TPA TIP and LRTP Cost Feasible projects (Strategic Intermodal System, Turnpike, and TPA Priority Projects).

FUNDING RELATED ACTIONS

Increase funding for safety projects:

- 1
 - a) **Establish a safety priority list** for projects to be funded with Federal Highway Safety Program funds.
 - b) **Conduct a Highway Safety Plan workshop** to assist local staff with identification and evaluation of projects eligible for Federal HSP funds.
 - c) **Prioritize TPA funding** for roadway or pedestrian scale lighting in high crash dark/unlit locations.
 - d) **Create funding process with FDOT** for quick-trigger safety projects.

Work with signal maintaining agencies to implement the following:

- 2
 - a) **Enhanced crosswalks, audible pedestrian devices and countdown to walk indicators** at high pedestrian crash intersections.
 - b) **Bicycle detection** at high bicycle crash intersections.
 - c) **Time-based Right-Turn on Red Prohibitions and/or Flashing Yellow Arrow turn signals** at high right-turn crash intersections.
 - d) **Flashing Yellow Arrow or protected-only left-turn phases** at high left-turn crash intersections.
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FUNDING RELATED ACTIONS (continued)

- 3 **Share Vision Zero and safety funding opportunities** via TPA website and newsletter, including High Visibility Enforcement Funding.
- 4 **Create standard template to report performance measures** for TPA funded projects.
- 5 **Complete performance measure template** for TPA funded projects within one year of construction completion.
- 6 **Collect pedestrian/bicycle activity data** in high crash locations, including pedestrian push button calls from Palm Beach County and Boca Raton signals.
- 7 **Formalize process to integrate pedestrian and bicycle counts** into FDOT count website.
- 8 **Evaluate newly programmed resurfacing projects** annually for Complete Streets and other safety opportunities.

CULTURAL RELATED ACTIONS

- 1 **Create interactive map** to share Vision Zero content and solicit safety concerns.
- 2 **Encourage the County and Cities to adopt Vision Zero.**
- 3 **Create "Pledge to Slow Down"** and obtain constituent signatures.
 - a. **Host Vision Zero Workshop** for TPA Elected Officials, Stakeholders, and Staff.
- 4 **b. Conduct Peer Exchange Event** for TPA staff and other Vision Zero MPO(s).
 - a. **Distribute content from Safe Mobility for Life** at high elderly crash locations.
- 5 **b. Distribute content from Florida Motorcycle Safety Coalition** at high motorcycle crash locations.

CULTURAL RELATED ACTIONS (continued)

- 6
- a. Establish MPOAC membership on the **Florida Pedestrian and Bicycle Safety Coalition** to improve coordination between FDOT and MPOs.
 - b. Establish MPOAC membership on the **Florida Traffic Records Coordinating Committee (TRCC)** to improve traffic and crash data collection, reporting, and decision-making.

- 7
- Collaborate with partners to create **greater consistency between multiple crash databases**, including those owned by PBC, Signal 4, FDOT, and DHSMV.

- 8
- Participate in Vision Zero and other local transportation safety events** and encourage events to be held in traditionally underserved and low-income communities.