VISION ZERO ACTION PLAN
AGENDA

- Why Vision Zero?
- What is Vision Zero?
- Palm Beach Trends
- Action Plan Timeline
- Next Steps
Establish a comprehensive, data-driven approach to eliminating traffic-related fatalities and serious injuries in Palm Beach County.
In Palm Beach County, between 2011 and 2017:

- There were 6,760 fatality and serious injury crashes.
- Over 25% of all fatalities and serious injuries were bicyclists and pedestrians.
- 13% of all fatality and serious injury crashes involved motorcyclists.
- 16% of all fatality and serious injury crashes were caused by impaired drivers.
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.
WHAT IS VISION ZERO?
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Vision Zero Cities

A Vision Zero City meets the following minimum standards:
- Sets clear goal of eliminating traffic fatalities and severe injuries
- Mayor has policy, officially committed to Vision Zero
- Vision Zero plan or strategy is in place, or Mayor has committed to doing so in near-term frame
- Key city departments (including Police, Transportation and Public Health) are engaged.
VISION ZERO Best Practices – The Pillars

1. PROMOTE AWARENESS
2. INTEGRATE SOCIAL EQUITY
3. MAINTAIN MULTI-AGENCY COORDINATION
4. ESTABLISH REGULAR MONITORING
VISION ZERO Best Practices – The Stats

NEW YORK CITY 32% REDUCTION IN PEDESTRIAN FATALITIES

SAN FRANCISCO 33% REDUCTION IN TOTAL FATALITIES

MONTGOMERY COUNTY, MD 19% REDUCTION IN ALL CRASHES
Population = 1.4 Million

POPULATION BY AGE GROUP

- 14 & Under: 19%
- 15-19: 6%
- 20-29: 19%
- 30-39: 12%
- 40-49: 13%
- 50-64: 11%
- 65 & Older: 20%

7% of all drivers were 15-19 year olds.

15% of all drivers were over 65 years old.

OTHER DRIVER AGE GROUPS

<table>
<thead>
<tr>
<th>Age</th>
<th>Percent of All Drivers</th>
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<tbody>
<tr>
<td>20-29</td>
<td>24%</td>
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<tr>
<td>30-39</td>
<td>17%</td>
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<td>40-49</td>
<td>16%</td>
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<td>50-64</td>
<td>21%</td>
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ALL FATAL & SERIOUS INJURY CRASHES

PALM BEACH TRENDS – Commute Trends

45% of the Total Population are Workers 16 Years Old and Over

94% ARE COMMUTERS

MODE SHARE*  SERIOUS INJURIES & DEATHS

PEDESTRIAN  1.5%  14%

BICYCLE  0.7%  6%

MOTORCYCLE  1.4%  11%

CAR  88.2%  74%

MEAN TRAVEL TIME TO WORK

25.2 MINUTES

45% of the Total Population are Workers 16 Years Old and Over

94% ARE COMMUTERS
PALM BEACH TRENDS

TIME OF DAY 25% HAPPENED DURING PM PEAK HOURS BETWEEN 3:00 pm and 6:00 pm

LIGHTING CONDITIONS 60% HAPPENED DURING THE DAY

ROAD CONDITIONS 87% HAPPENED DURING DRY ROAD CONDITIONS

LANE DEPARTURE 33% WERE EITHER RUN-OFF-THE-ROAD, SIDESWIPE, OR HEAD-ON COLLISIONS
Palm Beach Trends – Driver Behavior

In the US
In 2016, speeding killed over 10,000 people. Over 10,000 were killed by drunk drivers.

IN PALM BEACH COUNTY
42%
42% - Speeding & Aggressive Driving-Related

16%
16% - Impaired Driving-Related

In the US
84%+ Recognize the danger of cell phone distractions

36%
36% Admitted to texting while driving anyway

Distracted driving crashes are under-reported

[AAA Foundation for Traffic Safety]
[National Safety Council]
Between 2011 and 2017: **946** pedestrians were killed

- That is **14%** of All Fatalities & Serious Injuries.
- **22%** were hit at intersections, **38%** at mid-blocks.
- **22%** were 65+ Years Old, **16%** were 19 Years old or Younger.
- **18%** were in low-income neighborhoods, **19%** in minority areas.
Between 2011 and 2017: 425 bicyclists were killed

- That is **11%** of All Fatalities & Serious Injuries.
- **34%** were hit at intersections, **10%** in bike lanes.
- **13%** were 65+ Years Old, **15%** were 19 Years old or Younger.
- **12%** were in low-income neighborhoods, **10%** were in minority areas.
Between 2011 and 2017: 794 Motorcyclists were involved in fatal or serious injury crashes

- That is 13% of All Fatality & Serious Injury crashes.
- 42% occurred at intersections.
- 37% occurred on arterials.
- 35% occurred due to careless driving or failing to yield to right of way.
**TIMELINE**

- **2018**
  - SEPTEMBER Kickoff
  - SEPTEMBER–OCTOBER Data Analysis
  - NOVEMBER–DECEMBER Priority Areas & Countermeasures Development
  - DECEMBER TPA Board and Committee Meeting #1: Trends

- **2019**
  - SEPTEMBER
  - NOVEMBER VZST Meeting #1
  - NOVEMBER–DECEMBER Data Analysis
  - DECEMBER–JANUARY Action Plan Development
  - JANUARY VZST Meeting #2
  - FEBRUARY TPA Board and Committee Meeting #2: 2019 Safety Targets & Draft Plan
  - MARCH Final Action Plan
NEXT STEPS

- Presentation to the TPA Board
- Priority Locations
- Countermeasures
- Action Plan Development