Vision Zero at the City of Orlando

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Florida Transportation Safety?

Florida Statistics (2013-2018)

- Total Crashes: 400,661, 21% increase
- Injuries: 253,820, 17% increase
- Fatalities: 3,083, 22% increase
- Pedestrian Fatalities: 681, 26% increase

Dangerous by Design 2019

8 of top 10 regions in Florida
Orlando’s Vision Zero MISSION is to eliminate traffic deaths and serious injuries within the City by 2040.
Orlando Vision Zero Goals

- Adopt a safe systems approach in roadway design, operation and maintenance
- Increase everyone’s understanding of the leading causes of crashes resulting in fatalities and serious injuries
- Support law enforcement efforts to eliminate behaviors leading to fatal and serious injury crashes
- Demonstrate continuous progress toward Vision Zero
- Improve access and travel time to Level 1 Trauma Center and other hospitals
- Prioritize investments and programs in communities of concern
• 94% of crashes are caused by human behavior (error or poor choice)  
NHTSA report  
• Distracted travelling is an increasing problem in crash causes  
• Pedestrians don’t use crosswalks to cross the street  
• Bicyclists disobey the law  
• Drivers tend to drive too fast for conditions  
• Aggressive driving is an increasing issue  
• Resources for law enforcement are limited  
• The majority of people don’t know or understand traffic laws
## Year 2015 -2017 Crash Statistics

*City of Orlando*

<table>
<thead>
<tr>
<th></th>
<th>Fatal &amp; Injury</th>
<th>Fatal</th>
<th>Injury</th>
<th>Pedestrian</th>
<th>Bicycle</th>
<th>Motorcycle/Moped</th>
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<td>Citywide</td>
<td>2,768</td>
<td>61</td>
<td>2,720</td>
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*These crashes do not account for crashes along Limited Access Facilities*
District 2 High Injury Network 2015 - 2017

- 349 total crashes
- Semoran North
  - 119 crashes
  - 34% of all crashes
- Curry Ford
  - 89 crashes
  - 25% of all crashes
- Semoran South
  - 69 crashes
  - 20% of all crashes
It’s a transportation problem, right?

How we got here…
Land Development Patterns and Network

Sprawl

Traditional town

SOURCE: DPZ ARCHITECTS AND TOWN PLANNERS
What we've heard

Land Development Patterns and Network

7.1 mile drive, yet only 70’ apart
1,100 Acres

32 Street Connections

16,937 Residents

Publix, CVS

20 Neighborhood Parks

“A” Rated Schools

50 miles of Trails

Single Family Town Homes Apartments Condominiums
The implications of speed

- Hit by a vehicle traveling at 20 MPH: 9 out of 10 pedestrians survive.
- Hit by a vehicle traveling at 30 MPH: 5 out of 10 pedestrians survive.
- Hit by a vehicle traveling at 40 MPH: only 1 out of 10 pedestrians survives.
North Quarter One – Way Conversion
Future City of Orlando Safety Projects

North Quarter Two – Way Restoration