Hillsborough MPO Vision Zero Corridors

S 78th Street
Causeway Boulevard/SR676 to Palm River Road
20% of all crashes occurred at nighttime
❖ 39% of all fatalities & severe injuries:
  ▪ 3 of 5 fatalities
  ▪ 10 severe injuries

47% of fatal & severe injury crashes were left turning movement-related
  ▪ 1 of 5 fatalities
  ▪ 15 severe injuries

16% of fatalities & severe injuries were pedestrians & cyclists
❖ 62% were at nighttime
Top crash locations

1. Causeway Boulevard
2. Palm River Road
3. Midblock crossing
4. Near transit stops:
   - Tidewater Trail/Paradise Place
   - 24th Ave
   - Parish Place/Larsen Lane
24 Survey Responses
Top Issues

- Speeding
- Large intersections
- Difficult to cross
- Inadequate lighting
78th Street: Existing Cross-Section

78th Street - Existing

- 8' Sidewalk
- 11' Drive lane
- 12' Drive lane
- 14' Turn lane
- 12' Drive lane
- 11' Drive lane
- 2' Sidewalk

Made with Streetmix
156 Crashes

- 38% of all crashes
- 38% rear end
- 30% speeding/aggressive driving
- 29% left turn-related
- 24% distraction-related

1 fatality
6 severe injuries

Countermeasures

- Enforcement & education
- Evaluate protected left turns for all approaches
- Improve bike and pedestrian infrastructure; particularly:
  - Pedestrian refuge islands on Causeway
  - Tightening curb radii
  - Narrowing lane widths to provide for more comfortable bike lanes along Causeway
Hotspots & Countermeasures
Crashes Near Transit Stops

36 Crashes
24 between noon & 6:00 pm
13 left-turn related
4 related to aggressive driving/speeding
1 involved a cyclist
1 fatality (pedestrian)
1 severe Injuries
Hotspots & Countermeasures
Crashes Near Transit Stops

Countermeasures

- Enforcement & education
  - Hardscape median
- Relocate transit stops for safe crossings
- Pedestrian refuge islands
- Street + in-street lighting
- Pedestrian countdown signals
Crash Hotspots & Related Countermeasures
Midblock Crossing (Between Destin Drive and Rideout Road)

44 Crashes
- 4 rear-end
- 1 pedestrian
- 3 nighttime
- 2 bicyclist
- 1 fatality (cyclist)
- 60% related to speeding/aggressive driving

Countermeasures
- Enforcement & education
- Hardscape median
- Pedestrian refuge islands
- Street + in-street lighting
- Pedestrian countdown signal
Hotspots & Countermeasures
Palm River Rd

137 Crashes
32% of all crashes
40% distraction-related
39% left turn-related
23% rear end
20% speeding/aggressive driving
18% nighttime
1 fatality
6 severe Injuries

Countermeasures
- Enforcement & Education
- Evaluate sight distance at all intersection approaches
- Pedestrian refuge islands
- Street lighting
- Improve intersection geometry
### Recommendations

#### Short-Term
- Reduce speed limit from 45 mph to 35 mph
- Narrow travel lanes to 11’ and median to 12’ to provide outside buffer
- Relocate cross street signage and stop bars to provide better sight distance
- Install raised landscaped islands
- Install mid-block crossings and relocate bus stops as needed for safe crossings
- Extend median separators on Causeway Blvd at 78th Street to provide pedestrian refuges

#### Mid-Term
- Reconstruct and widen sidewalks by paving buffer space and adjusting slopes for ADA
- Enhance street lighting
78th Street - Narrow Median w/ Islands
78th Street: Potential Long-Term Cross-Section

78th Street - Lane Elimination