



VISIONZERO 

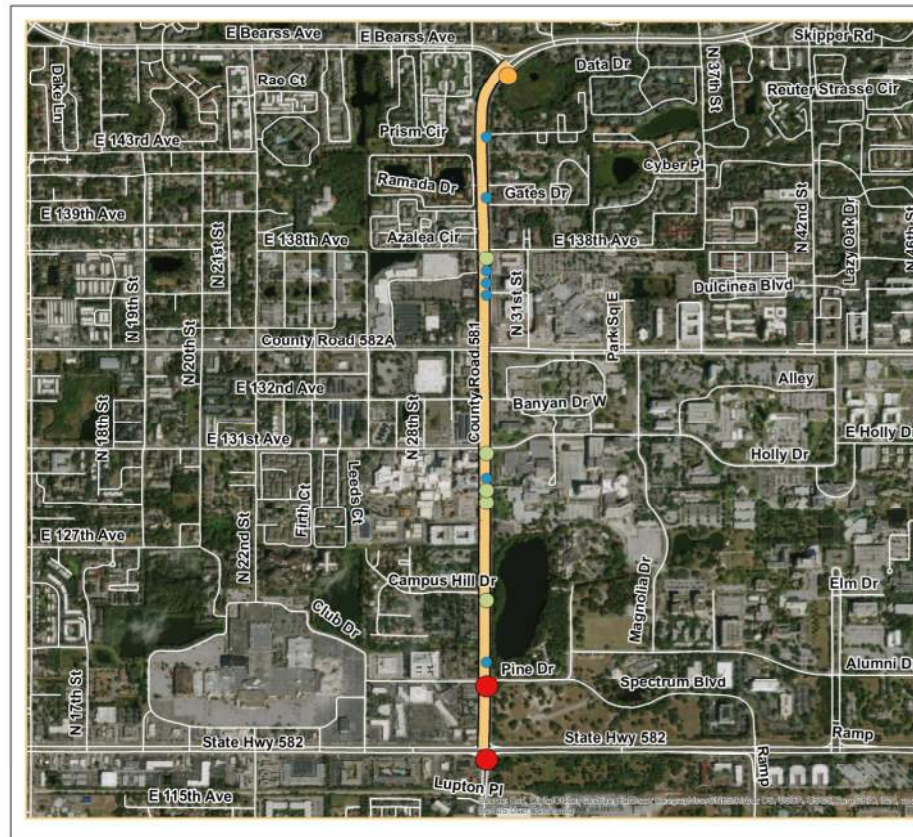
HILLSBOROUGH

Bruce B Downs Boulevard

From SR-582 (E Fowler Avenue) to E Bearss Avenue

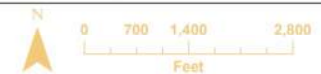
Corridor Description

- C3C – Suburban Commercial
- C4 – Urban General
- 1.77 miles
- 6-lane
- 45 MPH
- 42K to 52K ADT
- HART Routes 5, 9, 42, 275
- Bull Runner Route D



Fatal and Severe Injury Crashes by Intersection

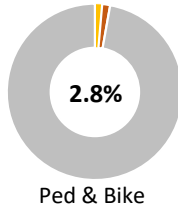
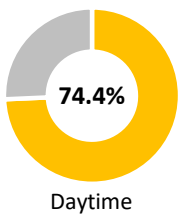
Fatal and Severe 2014-2018 Crashes



Crash Data

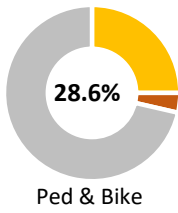
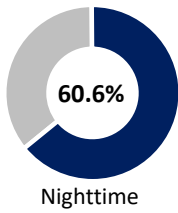
Total Crash History 2014 to 2018

- 1,587 Total Crashes
- 199 Sideswipe
- 156 Angle
- 113 Left-turn
- 23 Bicycle
- 21 Pedestrian



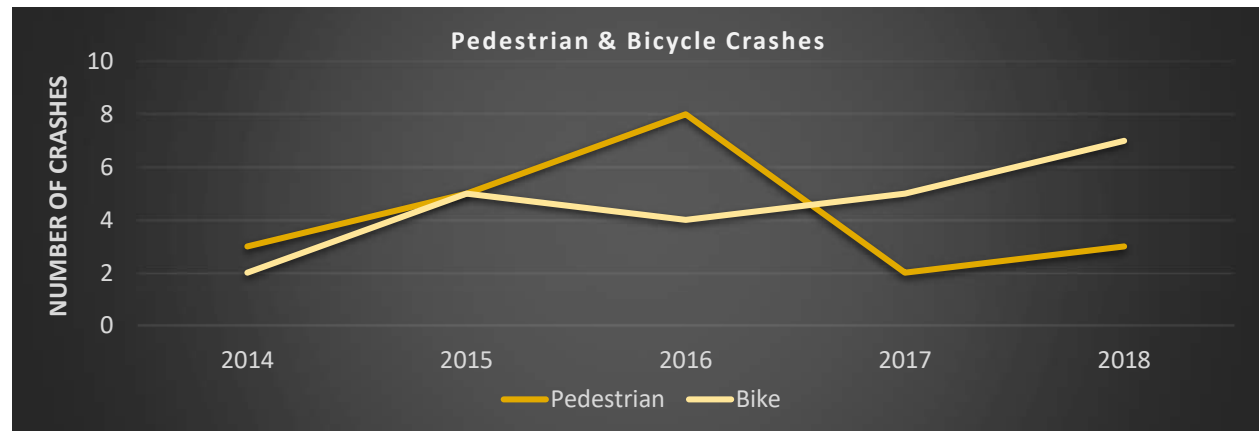
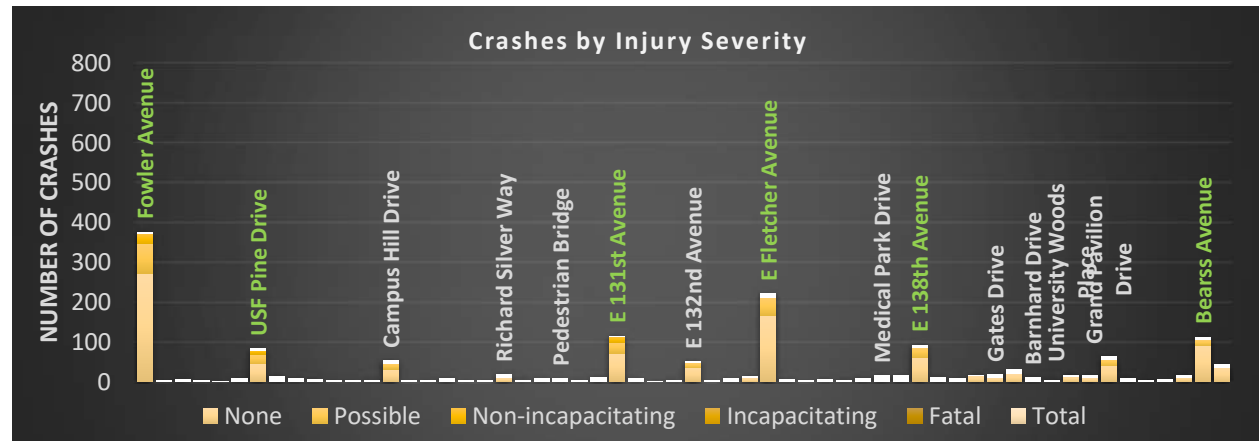
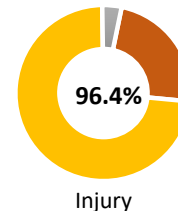
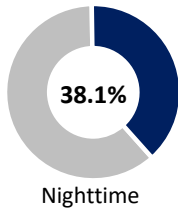
Fatal & Severe Injury Crash History 2014 to 2018

- 28 Fatal & Severe Injury Crashes
- 1.8% of Total Crashes



Pedestrian & Bicycle Crash History 2014 to 2018

- 44 Pedestrian & Bicycle Crashes
- 2.8% of total crashes
- 28.6% of fatal and severe injury crashes



Upcoming Projects

<p>CIP Project Number 69679014</p>	<ul style="list-style-type: none"> CR-581 (Bruce B Downs Boulevard) at Campus Hill Drive 	<ul style="list-style-type: none"> Construction of a traffic signal Construction of pedestrian facilities on all three legs
<p>CIP Project Number 69679024</p>	<ul style="list-style-type: none"> CR-581 (Bruce B Downs Boulevard) at Richard Silver Way 	<ul style="list-style-type: none"> Construction of a traffic signal Construction of pedestrian facilities on all four legs
<p>CIP Project Number 69638030</p>	<ul style="list-style-type: none"> CR-581 (Bruce B Downs Boulevard) from USF Pine Drive / University Square Drive to E 131st Street / USF Holly Drive 	<ul style="list-style-type: none"> Resurfacing along the entire segment Construction of a new 10-foot wide sidewalk along the east side Widening the existing sidewalk on the west side to eight feet Restriped to include 11-foot travel lanes Seven foot physically buffered bike lane along both sides

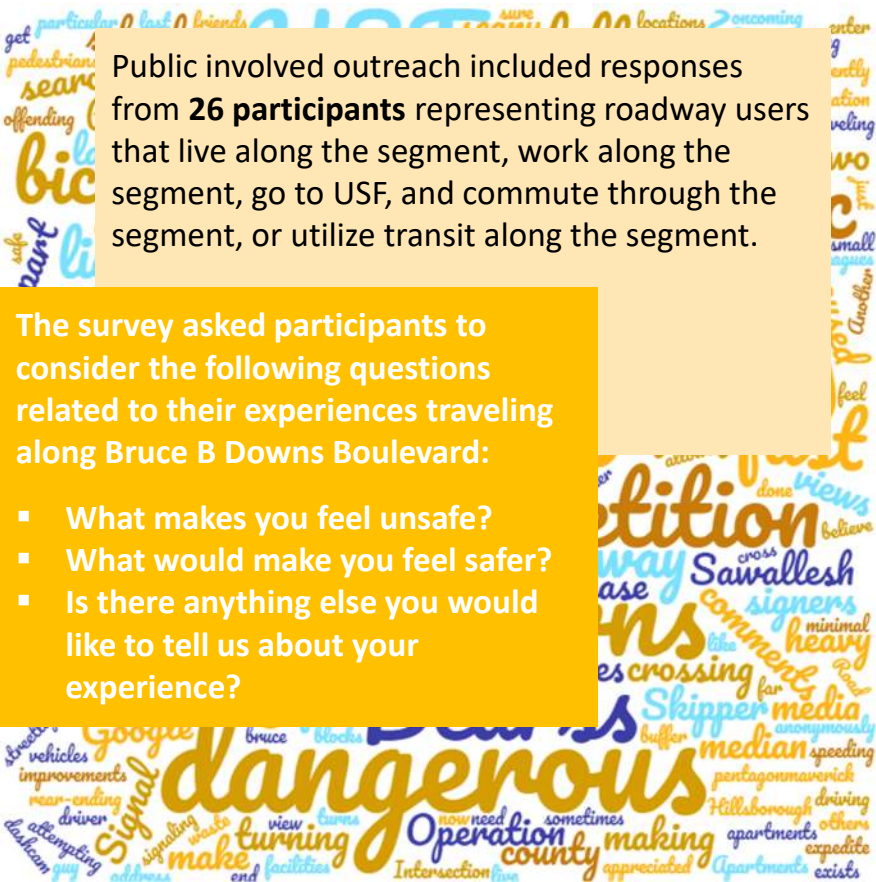
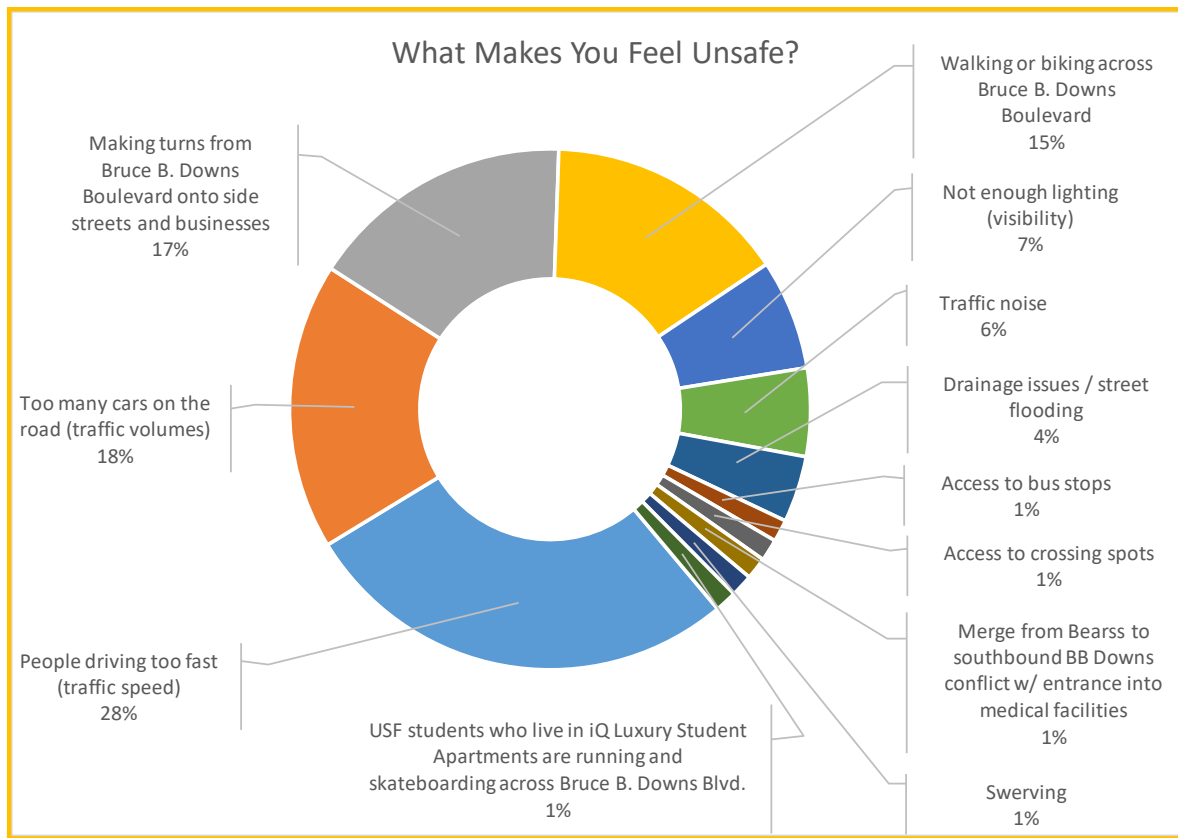
Public Outreach

Public involved outreach included responses from **26 participants** representing roadway users that live along the segment, work along the segment, go to USF, and commute through the segment, or utilize transit along the segment.

The survey asked participants to consider the following questions related to their experiences traveling along Bruce B Downs Boulevard:

- What makes you feel unsafe?
- What would make you feel safer?
- Is there anything else you would like to tell us about your experience?

What Makes You Feel Unsafe?



Corridorwide Recommendations



Speed Management

- Identify 35 MPH Target Speed from Fowler to Fletcher
 - On-street physically buffered bike lanes
 - Maximize pedestrian access
 - 11-foot travel lanes
- Identify 40 MPH from Fletcher to Bearss
 - Dedicated shared use path
 - Channelize pedestrians to protected crossings
 - 11-foot travel lanes

ADA

- Add detectable warning pads, pushbutton, and ramp issues

Signing / Pavement Markings

- “Turning Vehicles Stop for Pedestrians” signs
- Special emphasis crosswalk markings
- Green pavement markings in bicycle lane conflict areas

Roadway & Drainage

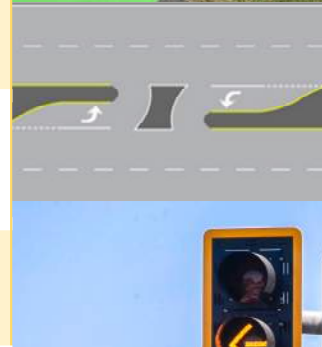
- Evaluate ponding in the ped/bike space
- Modifying unsignalized median openings based on crash history
- Positive offset for left-turn lanes

Lighting

- Continue to upgrade existing corridor lighting to LED and add fixtures to existing utility poles
- Enhance corridor and intersection lighting to meet current standards

Signalized Intersections

- Flexible yellow retroreflective backplates
- Leading pedestrian intervals (LPI)
- Pushbutton actuated right turn on red restrictions



Spot Recommendations



<p>Bearss Avenue</p>	<ul style="list-style-type: none"> ▪ Connect Sidewalk on Northwest Corner ▪ New Actuated Pedestrian Crossing at Right Turn Channels ▪ Update Eastbound and Southbound Right Turn Geometry to Reduce Turning Speed
<p>Grand Pavilion Drive to University Woods</p>	<ul style="list-style-type: none"> ▪ Potential New Pedestrian Crossing
<p>138th Avenue</p>	<ul style="list-style-type: none"> ▪ Special Emphasis Crosswalks ▪ New Crosswalk on South Leg
<p>E Fletcher Avenue</p>	<ul style="list-style-type: none"> ▪ Potential Bulb-out Southwest Corner ▪ Direct pedestrians to the nearest crosswalk
<p>University Square Drive / USF Pine Drive</p>	<ul style="list-style-type: none"> ▪ Evaluate Drainage Structures ▪ Protected Only Left Turns by Time of Day Using Flashing Yellow Arrow
<p>SR-582 (Fowler Avenue)</p>	<ul style="list-style-type: none"> ▪ Update All Right Turn Geometry ▪ Reduce All Radii with Truck Aprons ▪ Coordination with Potential Improvements from FDOT SR-582 (Fowler Avenue) Multimodal Study

