Florida Transportation Commission

September 7, 2018
Michael Shannon, P.E.
District Five Secretary
Agenda

- Project Overview
- Traffic
- Travel Speeds
- Trucks
- Pavement & Markings Improvements
- Construction Sign Improvements
- Smart Work Zone
- Safety Awareness Campaign
The National Highway Traffic Safety Administration indicates a 3-pronged approach is necessary to change driver behavior.

- **Engineering**
- **Enforcement**
- **Education**

21-Mile Reconstruction of I-4 in Orlando

Anticipated Completion 2021
Traffic & Accidents

- Traffic has steadily increased each year since construction began

<table>
<thead>
<tr>
<th>Year</th>
<th>AADT</th>
<th>Crashes*</th>
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<tbody>
<tr>
<td>2014</td>
<td>136,609</td>
<td>2,317</td>
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<tr>
<td>2015</td>
<td>140,994</td>
<td>2,658</td>
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<tr>
<td>2016</td>
<td>143,170</td>
<td>2,741</td>
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<tr>
<td>2017</td>
<td>148,000</td>
<td>3,469</td>
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Existing Posted Speeds range from 50 mph to 65 mph over 21 miles

- Non-peak Periods
- Peak Periods
Truck Restrictions

• Several Left-Hand Exits
  – I-4 WB at US 441/Orange Blossom Trail
    • To be removed by Summer of 2020
Maintenance Resurfacing

No Passing Areas & Nighttime Visibility

Pavement Messages & Contrast Markings
Signage and Construction Entrance Signs

Curve warning signs
The application of computers, wireless communications, and sensor technology to:

- Monitor Real-Time Traffic Flow in targeted areas
- Provide Automated Messages upstream of critical congested areas
- Dynamic signs provide warnings of slowed or stopped traffic
- Early results show a significant decrease in rear-end collisions in Smart Work Zones
- Second Smart Work Zone System coming on-line
Work Zone Awareness Campaign

- Oct-Nov-Dec 2018
- Increased FHP Enforcement
- Strategically-placed Billboards
- Increased Radio messages
- Partner for TV coverage of campaign
- Develop Video PSAs Shorts
- Promote on Social Media
- Utilize I4MP Public Awareness Funds
Thank You!

I4Ultimate.com
Your source for improvements to I-4 in Orange and Seminole counties

Florida Transportation Commission

Thank You!

FDOT