Performance-Based Planning

- Use system information to make investment and policy decisions to achieve national performance goals

- Moving ahead for progress in the 21st Century (MAP-21) requires state DOTs and MPOs to:
  1. Monitor required performance measures
  2. Establish targets
  3. Report progress
<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety</td>
<td>Feb 27, 2018</td>
</tr>
<tr>
<td>System Performance</td>
<td>Nov 16, 2018</td>
</tr>
<tr>
<td>Bridge Condition</td>
<td>Nov 16, 2018</td>
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<tr>
<td>Pavement Condition</td>
<td>Nov 16, 2018</td>
</tr>
<tr>
<td>Asset Management Plan</td>
<td>N/A</td>
</tr>
<tr>
<td>Freight Plan</td>
<td>N/A</td>
</tr>
<tr>
<td>Planning Requirements</td>
<td>May 27, 2018</td>
</tr>
</tbody>
</table>
A safe, efficient, and connected multimodal transportation system.
Required Safety Performance Measures

1. Number of fatalities
2. Rate of fatalities per 100 million VMT
3. Number of serious injuries
4. Rate of serious injuries per 100 million VMT
5. Number of non-motorized fatalities and serious injuries

VMT = Vehicle Miles Traveled
Proposed Safety Performance Targets

FDOT - Vision Zero:
Zero fatalities and serious injuries

TPA Staff Recommendation:
Vision Zero - zero fatalities & serious injuries

Targets for 2018, adopt annually for upcoming year
Committee Recommendations

TAC & BTPAC:
Unanimously recommended support of Vision Zero

CAC:
Unanimously recommended support of Vision Zero

Request that the Board direct staff to create a Vision Zero action plan by February 2019, and evaluate current and future TIP projects to determine safety effectiveness.
Number of fatalities

- 2016 Value: 181
- 2018 Target: 0

Number of serious injuries

- 2016 Value: 1,129
- Target 2018: 0

*2017 not available until April*
Rate of fatalities per 100 million VMT

- 2016 Value: 1.3
- 2018 Target: 0

*2017 not available until April

Rate of serious injuries Per 100 million VMT

- 2016 Value: 8.1
- 2018 Target: 0
Number of non-motorized fatalities & serious injuries

- 2016 Value: 196
- 2018 Target: 0

Non-motorized fatalities & serious injuries made up > 15% of total for 2016

*2017 not available until April
What are we already doing?

- Planning
  - Long Range Transportation Plan
  - Complete Streets Policy and Design Guidelines
  - Pedestrian and Bicycle Safety Study

- Prioritizing
  - Project scoring system prioritizes safety

- Funding
  - Major Projects
  - Local Initiatives
  - Transportation Alternatives
What else can we do?

NOW

- Leverage road maintenance projects
  - Stripe enhanced crosswalks, designate bike lanes, mark conflict areas
  - Construct missing sidewalks and bicycle facilities, relocate bus stops
  - Improve street lighting
- Implement Complete Streets
  - Applications for TPA Funding Programs are due March 2, 2018

FUTURE

- Adopt a Vision Zero Action Plan by Feb 2019
- Evaluate safety impacts of recent and programmed projects
- Support innovative technology
- Create a priority list for safety projects
2018 Target Setting

FDOT - Vision Zero:
Zero fatalities and serious injuries

TPA Staff and Committees Recommend:
Vision Zero - zero fatalities & serious injuries