February 2018
Committee Meetings

Safety Performance Measures & Targets

www.PalmBeachTPA.org
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Background to 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>
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</thead>
<tbody>
<tr>
<td>Safety</td>
<td>Feb 27, 2018</td>
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<tr>
<td>System Performance</td>
<td>Nov 16, 2018</td>
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<tr>
<td>Bridge Condition</td>
<td>Nov 16, 2018</td>
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<tr>
<td>Pavement Condition</td>
<td>Nov 16, 2018</td>
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<tr>
<td>Asset Management Plan</td>
<td>NA</td>
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<td>Freight Plan</td>
<td>NA</td>
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<tr>
<td>Planning Requirements</td>
<td>May 27, 2018</td>
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</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 non-motorized serious injuries

VMT = Vehicle Miles Traveled
Data Flow

Law enforcement ➔ DHSMV ➔ State Safety Office ➔ U.S. Department of Transportation Federal Highway Administration

COLLECT  PLAN, PROGRAM, EVALUATE  REPORT
Proposed Safety Performance Targets

FDOT - Vision Zero:
Zero fatalities and serious injuries for 2018

TPA Staff Recommendation:
Vision Zero - zero fatalities & serious injuries for 2018

Adopt targets annually for upcoming year
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
Current Planning & Implementation

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

• Programming
  • Local Initiatives
  • Transportation Alternatives

• Monitoring
  • Congestion Management Process
  • Bicycle and Pedestrian Count Program
How do we get there?

NOW
- Cannibalize 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
- TPA to create a Vision Zero Action Plan by Feb 2019
- Support innovative technology
2018 Target Setting

- FDOT: Zero fatalities & serious injuries

- TPA Staff Recommends
  Support FDOT: Zero fatalities & serious injuries