

Florida DOT Transportation Statistics Office

Mobility Performance Measures

Program Plan

April 2013

Introduction

The Florida Department of Transportation has recently initiated a Mobility Performance Measures program within the Department. The purpose of the program is to develop and report on multimodal mobility performance measures.

This Program Plan is intended to provide a Roadmap to plan for the continuous improvement, development, reporting and application of measures as well as outreach and communication both within and external to the Department.

There are 3 key goals of the program:

- I. Develop and improve measures and reporting techniques
- II. Report on mobility measures for MAP 21 and statewide reporting purposes
- III. Provide guidance on mobility performance measures (MPMs) to State and MPO stakeholders

Objectives and Strategies of MPM Program

Each of the goals have specific objectives and strategies as follows.

I. Develop and improve measures and reporting techniques

Objective

Develop and update measures, analytic and reporting techniques for measures in every mode (freight, auto, transit, pedestrian, bicycle) regularly to ensure they are in accordance with state of the art practices and national guidelines related to mobility performance measurement

Strategies

1. Conduct research related to data, analytic techniques and reporting
2. Implement national research at the state level
3. Create and maintain definitions of terms

II. Report on Mobility Measures for MAP 21 and Statewide Reporting Purposes

Objective

To report on a larger set of measures at the statewide level and meet all requirements for MAP 21 reporting.

Strategies

1. Produce Multimodal Performance Measures Source Book annually
2. Maintain measure definitions
3. Maintain data and analytic technique documentation
4. Report on MAP 21 measures as requested

III. Provide Guidance on Mobility PMs to State and MPO stakeholders

Objective

Educate, collaborate and communicate the outcomes and activities of the MPM program to all stakeholders.

Stakeholders include modal, planning, operations, PD&E and ITS offices within Central Office and districts, management at FDOT and MPOs.

Strategies

1. Conduct consistent outreach
 - a. Develop Material
 - PowerPoint (PPT) presentation deck of slides – to be customized as needed
 - Two Page Glossy on Program and Info graphic of Measures (table)
 - Introduction video – to explain concept of MPMs
 - Regular update on research results
 - YouTube informational video
 - Website
 - b. Conduct Regular Meetings with Statewide Teams
 - Central Office MPM Team
 - Central Office Travel Time Reliability Team
 - Mobility Performance Measures Team – Includes MPOs, Districts

- c. Conduct Regular Meetings with Stakeholders
 - Districts - 1 – 2 times per year
 - Modal Offices - 1 – 2 times per year
 - MPOS – as requested
 - FHWA – Conduct annually update meetings with FHWA Division Office

 - d. Present at Statewide Teams Regularly
 - Intermodal Systems Development (ISD) Managers – 1-2 times per year
 - ISD Directors – annually
 - MPOAC – annually
 - DTOEs – annually
 - TSM&O Task Team – as requested

 - e. Keep abreast of and present to national TRB and AASHTO forums
2. Develop and administer technical guidance for Florida’s MPM
 3. Develop and administer training
 - Develop training material – learning system
 - Web based learning tools

Monitoring the MPM Program

The following measures will be used to determine if the program has been successful:

- Reaction - Stakeholders are asking for the data
- Learning – Stakeholders understand the measures and how they can be used in decision making
- Behavior – Multimodal Performance Measures Source Book is widely used and cited (It is the true source of performance data for all modes) AND Modal offices and districts include defined Mobility Performance Measures in their publications
- Output – Measures are used in evaluating alternatives, programming/prioritizing projects within Florida
- Outcome – The MPM program makes a difference in improving mobility

Multimodal Performance Measures Program Plan, Goals and Objectives

GOAL	OBJECTIVE	STRATEGIES	
I. Develop and improve measures and reporting techniques	Develop and update measures, analytic and reporting techniques for measures in every mode (freight, auto, transit, pedestrian, bicycle) regularly to ensure they are in accordance with state of the art practices and national guidelines related to mobility performance measurement	1. Conduct research related to data, analytic techniques and reporting	
		2. Implement national research at the state level	
		3. Create and maintain definitions of terms	
II. Report on mobility measures for MAP 21 and statewide reporting purposes	To report on a larger set of measures at the statewide level and meet all requirements for MAP 21 reporting.	1. Produce Multimodal Performance Measures Source Book annually	
		2. Maintain measure definitions	
		3. Maintain data and analytic technique documentation	
		4. Report on MAP 21 measures as requested	
III. Provide guidance on mobility performance measures (MPMs) to State and MPO stakeholders	Educate, collaborate and communicate the outcomes and activities of the MPM program to all stakeholders. Stakeholders include modal, planning, operations, PD&E and ITS offices within Central Office and districts, management at FDOT and MPOs.	1. Conduct consistent outreach	a. Develop Material <ul style="list-style-type: none"> • PowerPoint (PPT) presentation deck of slides – customize as needed • Two Page Glossy on Program and Info graphic of Measures (table) • Introduction video – to explain concept of MPMs • Regular update on research results • YouTube informational video • Website • Central Office MPM Team • Central Office Travel Time Reliability Team • Mobility Performance Measures Team – Includes MPOs, Districts
			b. Conduct Regular Meetings with Statewide Teams
			c. Conduct Regular Meetings with Stakeholders <ul style="list-style-type: none"> • Districts - 1 – 2 times per year • Modal Offices - 1 – 2 times per year • MPOS – as requested • FHWA – Conduct annually update meetings with FHWA Division Office
			d. Present at Statewide Teams Regularly <ul style="list-style-type: none"> • Intermodal Systems Development (ISD) Managers – 1-2 times per year • ISD Directors – annually • MPOAC – annually • DTOEs – annually • TSM&O Task Team – as requested
			e. Keep abreast of and present to national TRB and AASHTO forums
		2. Develop and administer technical guidance for Florida’s MPM	
3. Develop and administer training	<ul style="list-style-type: none"> • Develop training material – learning system • Web based learning tools 		