



Transportation Systems Management and Operations

Program and Action Plan – 2018 Update

Missouri Department of
Transportation
June 2018



Why Create a TSM&O Plan?

- Capability Maturity Model (CMM) Workshops
 - Statewide TSM&O Plan
 - Regional TSM&O Plans
- MAP-21 PM3 Performance Measures
- MoDOT Tracker



Ad Hoc and Champion Driven



Organized and Integrated



Our Plan

Create a document which details the extent and goals of our plan, as well as specific strategies for implementation.



Goals

Objectives

Operate MoDOT's existing system efficiently, reliably, and effectively through the application of TSM&O strategies and programs



Provide for TSM&O deployments statewide

Consider TSM&O solutions and strategies in every MoDOT project



Include TSM&O proactively rather than opportunistically/reactively

Include TSM&O in the planning stages of projects and programs



Include planning for operations principles in MoDOT planning process documents

Strengthen TSM&O related education and workforce development



Provide new and supplement existing TSM&O outreach, training, and recruitment resources for MoDOT staff and partners

Document progress toward meeting each goal and MoDOT's stated tangible results



Quantify and document TSM&O performance measures



Moving MoDOT Forward: Where We Are Going

1. Traffic Incident Management (TIM)
2. Work Zone Management (WZM)
3. Advancing Technology and Roadway Operations



Traffic Incident Management

1. Get Organized
2. Get Trained
3. Improve on I-70 & I-44 First
4. Improve MoDOT Policies



Work Zone Management/ Advancing Technology & Roadway Operations

1. Collaboration
2. Business Processes
3. Systems/Technology
4. Performance Measurement
5. Organization/Workforce
6. Agency Culture



Traffic Incident Management Action Matrix

Table 8. TSM&O Traffic Incident Management Action Matrix

Action	Steps to complete the action	Priority (H,M,L)	Status/ Timing	Measure of Success	Responsible MoDOT Staff
Objective 1: Get Organized					
Form TIM Improvement Subcommittee under the Missouri Coalition for Safer Roadway Safety Executive Committee	Establish TIM committees (with strategic partners) at statewide, regional, and local levels to provide oversight and promote cooperation.	H	Completed	TIM committee formed	Get Organized Implementation Team
	Dedicate (assign) a traffic incident management coordinator in the northwest, northeast, central, and southeast districts.	H	Q4 2016		Get Organized Implementation Team
	Implement a robust towing management system in cooperation with MSHP.	M	Q2 2017		Get Organized Implementation Team
	Establish performance goals and measures for TIM in both rural and urban environments.	M	Q2 2017		Get Organized Implementation Team



Current Status and Strategy

1. Discussions with Executive Team
2. Participation in Long Range Transportation Plan (LRTP) & Asset Management Processes
3. Presentation to Statewide Leadership
 - Request Personnel
4. Update MoDOT Electronic Policy Guide (EPG)



3 TSM&O Teams

- Central Office TSMO Liaison for Each Team
- Limit to 6-8 Members Each
- Mixture of Staff
 - District and Division
 - Urban and Rural
 - Expand Outside of Traditional Staff



Difficulties

- Lack of Awareness
- Inconsistent Funding
- Outdated Job Titles and Duties



Questions?

Please enter questions into the chat pod and we will address them during the Q&A session at the end of the webinar