

**MICHIGAN DEPARTMENT OF
TRANSPORTATION**

**SHRP 2 L06 TRANSPORTATION SYSTEMS
MANAGEMENT & OPERATIONS
(TSM&O)**

**CAPABILITY IMPROVEMENT
WORKSHOP**

FEBRUARY 26, 2013

SHRP 2 TSM&O Initiative

- Developed a consensus evaluation of the state of TSM&O in Michigan
- Identified the current levels of capability regarding key processes, organization, staff and collaboration issues that may assist the region in defining the priorities among an array of possible actions to improve regional TSM&O efforts
- Results summarized
- Regional action plan and identification of key leads for each action item

30 - Workshop Participant

- MDOT
- MSP
- Local Agencies
- Local Police
- MPO
- FHWA
- Consultants

TSM&O Workshop Focus Areas

- Business Processes (Planning and Programming)
- Systems and Technology
- Performance Measurement
- Culture
- Organization/Staffing
- Collaboration

TSM&O Workshop Process

- Strength
- Weaknesses
- Capacity Level
 - Level 1: Performed
 - Level 2: Managed
 - Level 3: Integrated
 - Level 4: Optimizing
- Developed action Items from strength & weaknesses

Summary of Results

- Business Processes; Define regional needs & match against budget, cost/benefit ITS investment
- Systems and Technology; Rapid evolving technology, training/maintenance, AASHTO standards
- Performance Measurement; Dependency on third party data, utilize data to identify planning/programming needs

Summary of Results

- Culture; leverage UDC/outcomes for TSM&O investment
- Organization/Staffing; Evaluate current approach, match skill sets with future needs (outsource vs. internal)
- Collaboration; Identify key stakeholders, develop relationships built on trust & letter of understanding

Next Steps: Action Plan & Implementation

- Applied & awarded a \$250,000 FHWA grant in May 2013
- Defined Sponsors, Core Implementation Team, Kick-off meeting September 16, 2013
- Develop Action Plan from Workshop Action Items
- Implement Action Plan
- Monitor results and performance - 2 years
- Report to FHWA

THANK YOU!



“Providing the highest quality integrated transportation services for economic benefit and improved quality of life”