Bureau of Field Services
Transportation Systems Management Operations (TSMO)

AASHTO Committee on Maintenance Annual Meeting
July 15, 2019
Transportation Systems Management Operations (TSMO) Division

- Statewide Maintenance and Operations Support
- Intelligent Transportation Systems (ITS) and Signals design, operations and analysis
- Traffic and Safety Programs
MDOT Forces

- 29 Maintenance Garages
- 6 Special Crew Facilities
  - Statewide Sign Shop
  - Overhead Sign Installation
  - Electrical/Pumphouse
  - Structures/Reachal
  - Signal
- Statewide Bridge
31,791 Total Lane Miles

7,481 lane miles maintained by MDOT forces

*22,639 by county forces, 1,671 by municipalities

MDOT maintains 20%, Local Agencies maintain 75%, Private Contractors maintain 5% (mowing and rest area maintenance)
Maintenance Work Performed by Contract Agencies

- Winter Maintenance: 33%
- Benefits: 16%
- Other Maintenance: 35%
- Surface Maintenance: 7%
- Shoulder Maintenance: 2%
- Rest Area Maintenance: 2%
- Overhead: 5%
- Winter Maintenance: 33%
MDOT has 77 Rest Areas, including 14 Welcome Centers - the third most of any state in the nation, serving more than 45 million visitors annually. MDOT also has 80 Roadside Parks.
County Maintenance Contracts

- Contract developed/negotiated jointly between MDOT and the County Road Association of Michigan (CRA)
- Multi-year contract (Currently 5 years)
- Reimbursement Contract
• Maintenance Coordinators and Engineers are responsible for overseeing the contract at the TSC level
• Local Agency Payment System (LAPS)
• Annual Audit which processes an “audit to cost” adjustment
Advantages

- Agencies share cost of facilities
- Resources
- Overhead
- Equipment
- Not directly involved in labor issues
- Ownership
- Labor available when needed
Obstacles

- No input in labor negotiations
- Inconsistent application and enforcement of contracts
- Differing skill sets
- Equipment varies from agency to agency
- Inconsistent levels of service between agencies
- Lack of efficiency incentives
- Insufficient funding
Lessons Learned

- Oversight is essential
- Strive for high level of communication between MDOT and the agency
- It’s a Partnership!
Performance Based Contracting

- Promote innovations and proactive strategies
- Michigan Maintenance Rating System (MiMRS)
- Transportation Asset Management (TAMS)
END