Building a Strategic Framework for Michigan’s Integrated Infrastructure Asset Management
Strategic Planning Session 2018

- Continue tenants of program
- Revised TAMC Mission
- Reviewed pending legislation & impact to TAMC and partnering organizations
- Review efforts of Regional Asset Management Pilots
- Committee assignments of action items

2017 – 2019 TAMC Work Program Update

House Bills 5335, 5406 & 5408
Mission Statement

To develop and support excellence in managing Michigan's Transportation assets by:

1. Advising the Legislature, State Transportation Commission (STC), Michigan Infrastructure Council (MIC), and Transportation Committees.


3. Providing tools and practices for road agencies.

4. Collaborate and coordinate with Water Asset Management Council (WAMC) and other asset owners.
Building the Foundation for Statewide Integrated Asset Management

- P.A. 323 of 2018 creates the Michigan Infrastructure Council (MIC)
- P.A. 324 of 2018 creates the Water Asset Management Council (WAMC)
- P.A. 325 of 2018 realigns the Transportation Asset Management Council (TAMC) under MIC
House Bills Turn into Law

Public Act 323 of 2018
- Creates Michigan Infrastructure Council (MIC)
- Statewide Asset Management Database
- 30-year Infrastructure Investment Strategy

Public Act 324 of 2018
- Creates Water Asset Management Council (WAMC)
- Develop template for Water Asset Management Plans (WAMP) by October 2019
House Bills Turn into Law

Public Act 325 of 2018

- Amends Act 51 - TAMC under MIC
- Adds asset classes of culverts and signals
- Defines elements of Transportation Asset Management Plans (TAMP)
- TAMC to Develop template for TAMP by October 2019
- Schedule for largest road agencies by October 2019
The Michigan Infrastructure Council

Define a vision for Michigan’s infrastructure that provides the foundation for public and environmental health, economic prosperity and quality of life
3-Year Workplan
(July 2, 2018 - July 1, 2021)

July 2, 2018
P.A. 323, 324, 325
MIC and WAMC Established
TAMC Realigned

March 5, 2019
MIC 180-Day Strategy Due
3 Year Work Plan Established

October 1, 2019
WAMC/TAMC Asset Management Templates Due

September 30, 2020
MIC Annual Report Due

July 1, 2021
30-Year Integrated Infrastructure Strategy Due

September 6, 2018
MIC Convenes First Meeting

September 30, 2019
MIC Annual Report Due

July 1, 2020
30-Year Integrated Infrastructure Strategy Draft Due

October 1, 2020
First 1/3 WAMC/TAMC Asset Management Plans Due
Michigan Infrastructure Council
Goals and Activities
Collaborate

Facilitate a coordinated, holistic approach that optimizes the contributions of all who manage and use Michigan’s infrastructure

- Conduct Regional Summits
- Launch Cross-Asset Portal
- Lead Efforts to become a Trusted Resource
Coordinate

Enhance the alignment of projects and programs to ensure that Michigan’s infrastructure is effectively and efficiently operated, maintained and constructed

- Work Toward Funding Alignment
- Standardize Regulatory Requirements
- Leverage Subject Matter Experts to Implement Best Practices
Prioritize

Establish and document the condition of Michigan’s infrastructure to identify the needs of greatest priority

- Create Common Definitions and Standards
- Evaluate Regional Variations
- Develop Decision Guides for Local Leaders
**Invest**

Determine, recommend and promote adequate funding for Michigan’s infrastructure and promote effective and efficient investments to achieve maximum benefit

- Support Bold and Creative Funding Strategies
- Work Toward Funding Alignment
- Develop Budget and Funding Recommendations
Educate
Provide accurate and trusted information to support effective infrastructure decisions

• Establish Performance Metrics and Target Goals
• Create a Common “Glossary” Across Assets
• Build and Maintain Infrastructure Dashboard
Hang On... Help is on the Way

TAMC's NEW ROLE WITH THE MIC
TAMC Letter to Act 51

Public Act 325 of 2018 – TAMC Action Items

• Letter 9/12/18 Distributed to Act 51 Agencies & TAMC Partner Agencies (CRA/MML/MAR/MTPA)
• Defines “Who” & “What”
• Provides Guidance to the “Who”
• Provides a Status of Progress Towards the “What”
**Who: Largest Road Agencies**

**Public Act 325 of 2018 – Largest Road Agencies**
- Responsible for 100 or More Certified Miles
- All 83 County Road Departments and Commissions
- 39 of Michigan’s Largest Cities:

<table>
<thead>
<tr>
<th>Ann Arbor</th>
<th>Kalamazoo</th>
<th>Romulus</th>
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<tr>
<td>Battle Creek</td>
<td>Kentwood</td>
<td>Roseville</td>
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<td>Bay City</td>
<td>Lansing</td>
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<td>Burton</td>
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<td>Jackson</td>
<td>Rochester Hills</td>
<td>Wyoming</td>
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</tbody>
</table>
Public Act 324 and 325 of 2018 Requires Plans to Have 7 Elements:

- Inventory
- Performance Goals
- Risk of Failure Analysis
- Revenue & Expenditures
- Performance Outcomes
- Coordination Clause
- Adoption by Board

Status of TAMC’s Asset Management Plan Template:

- Existing TAMC Template
- Need to Develop in 2018-2019

* TAMC to Revise Template & Re-Launch Asset Management Training Workshops
TAMC Letter to Act 51 Agencies

Public Act 325 of 2018 – TAMC

Action Items

• Suggests Agencies Utilize TAMC’s Revised TAMP Template
• TAMC to Develop 3-Year Schedule for Submittal of TAMPs
• Seeking Input on Process for Creating the Schedule
• Seeking Volunteer Agencies to “Go First”
• Provides Guidance on Culverts & Traffic Signals
TAMC Letter to Act 51 Agencies

Public Act 325 of 2018 – TAMP Schedule

• 11/20/18 Provided Submission Schedule TAMC to Develop 3-Year Schedule for Submittal of TAMPs

• Update on TAMC TAMP Template effort
2018 Culvert Pilot

Significance to TAMC:

• Need for Culvert Data in TAMP

• TAMC Bridge Committee Policy Guidance from Pilot

• Thank you to 50 Local Agencies who participated!
So, What’s New with TAMC?

2. Strategic Planning Session – June 5, 2019
3. MIC, WAMC Coordination
4. Culverts/Traffic Signals
5. Local Pavement Warranty Program Reporting
6. PASER Certification Policy
TAMC Dashboards & Interactive Map

• Assists with Local Agency Compliance of Public Acts 506 of 2012 and 301 of 2014
• Both Technologies Overhauled in 2017-2018
• TAMC Dashboards
  ✓ Pavement
  ✓ Bridge
  ✓ Traffic
  ✓ Safety
  ✓ Maintenance
  ✓ Finance
The dashboards depicted below show the condition, operation, and investment in Michigan's public road system. Pavement condition information is based on paved surface ratings for state highways as well as roads under the jurisdiction of Michigan's counties, cities and villages. Statewide there are over 10,000 public road bridges. Bridge conditions are based on bi-annual inspections of state, county, city and village owned bridges. The number of traffic accidents is a measure of how effectively the road system is performing. Maintenance is required to keep roads and bridges performing as intended. These activities include snow removal, patching, grading, and mowing. Capital investments are necessary to extend the useful life of any asset including roads and bridges. The financial pie charts illustrate how investments in the road and bridge system are made.
TAMC Dashboards & Interactive Map

[Image of a webpage showing various pavement reports such as Pavement Conditions, Trend Analysis, Pavement Forecast, Non-Fed Aid, and Pavement Comparison.]
Quick Announcements

- Spring Asset Management Conference – May 22, Gaylord
- Seeking Nominations for Individual & Organization Awards
- 2019 Training Schedules
  - PASER and Investment Reporting Training Events Coordinated
  - Asset Management Plan Workshops
  - Local Elected Officials
- Reimbursement requests for 2019 paved non-federal data collection: See your RPO/MPO
- Please submit your paved non-federal aid data with/without reimbursement
TAMC Resources

• Website:  www.Michigan.gov/TAMC

• TAMC Help Desk:  (517) 373-7910

• Roger Belknap, TAMC Coordinator
  (517) 335-4580
  belknapr@Michigan.gov