Michigan Hour
Transportation Asset Management Council

September 26, 2018
Roger Belknap, TARC Coordinator
Michigan Department of Transportation
So, What’s New with TAMC?

1. Michigan’s 2017 Roads & Bridges Annual Report
2. Strategic Planning Session – June 6, 2018
3. Public Acts 323, 324 & 325 of 2018
4. TAMC Culvert Pilot Project
5. Re-Launch of TAMC Dashboards
6. Quick Announcements
Strategic Session 2018

锂电池 tenants of program

锂电池 Revised TAMP Mission

锂电池 Reviewed pending legislation & impact to TAMP and partnering organizations

锂电池 Review efforts of Regional Asset Management Pilots

锂电池 Committee assignments of action items

2017 – 2019 TAMP 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
2. Promoting Asset Management Principles
3. Providing tools and practices for road agencies
4. Collaborate and coordinate with Water Asset Management Council (WAMC) and other asset owners
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 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 Asset Management Plan (TAMP)
- TAMC to Develop template for TAMP by October 2019
- Schedule for largest road agencies by October 2019
Hang On... Help is on the Way
Public Act 325 of 2018 – TAMC Action Items

- 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>City</th>
<th>City</th>
<th>City</th>
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<tbody>
<tr>
<td>Ann Arbor</td>
<td>Kalamazoo</td>
<td>Romulus</td>
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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>
<td>Royal Oak</td>
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<td>Burton</td>
<td>Lincoln Park</td>
<td>Saginaw</td>
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<td>Dearborn</td>
<td>Livonia</td>
<td>Southfield</td>
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<tr>
<td>Dearborn Heights</td>
<td>Midland</td>
<td>St Clair Shores</td>
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<tr>
<td>Detroit</td>
<td>Muskegon</td>
<td>Sterling Heights</td>
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<tr>
<td>Farmington Hills</td>
<td>Norton Shores</td>
<td>Taylor</td>
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<td>Novi</td>
<td>Troy</td>
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<tr>
<td>Garden City</td>
<td>Pontiac</td>
<td>Troy</td>
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<td>Port Huron</td>
<td>Walker</td>
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<tr>
<td>Holland</td>
<td>Portage</td>
<td>Warren</td>
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<tr>
<td>Jackson</td>
<td>Rochester Hills</td>
<td>Westland</td>
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<tr>
<td></td>
<td></td>
<td>Wyoming</td>
</tr>
</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 9-12-18

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 & Signals

For a copy of the letter, visit TAMC website – News Section or contact me
Speaking of Culverts… 2018 Culvert Pilot

Significance to TAMC:

- Need for Culvert Data Identified by 21st Century Infrastructure Commission Report
- $2 Million Appropriation under House Bill 4320 of 2018
- TAMC Bridge Committee Provided Oversight & Policy Guidance
- Project Budget & Reimbursement Policy Adopted by TAMC
- Reimbursement Process Rolled into Regional & Metro Planning
Speaking of Culverts… 2018 Culvert Pilot

Significance to TAMC:

• All 14 Michigan Planning Regions Represented
• Tight Schedule of Training, Data Collection & Analysis!
• 50 Local Agency Participants
• TAMC Partnered with Michigan Tech University for Development
  • Tools/Equipment Recommendations
  • Training
  • Procedures & Data Elements
  • Analysis
• Full Report Due October 1, 2018
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

Please choose a Pavement Report from the below options.

- Pavement Conditions
- Trend Analysis
- Pavement Forecast
- Non-Fed Aid
- Pavement Comparison
### Trend Analysis

<table>
<thead>
<tr>
<th>Filters and Options</th>
<th>Name</th>
<th>Jurisdiction Type</th>
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<tbody>
<tr>
<td><strong>Geographic Area</strong></td>
<td>County</td>
<td>County Road Commission</td>
</tr>
<tr>
<td></td>
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</tr>
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</table>

**Display Report Values As**
- Percent Lane Miles

**Download Options**
- Save chart as an image
- Download data for current chart

**Pavement Condition Trends**
- County - Grand Traverse, County Road Commission, Percent of Federal Aid Lane Miles
TAMC Dashboards & Interactive Map

Download Options

- Save chart as an image
- Download data for current chart

Pavement Condition Trends
County - Grand Traverse, County Road Commission, Percent of Federal Aid Lane Miles

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<th>Year</th>
<th>Good</th>
<th>Fair</th>
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<td>2017</td>
<td>21.7</td>
<td>24.9</td>
<td>34.6</td>
</tr>
</tbody>
</table>

Click on a chart legend to toggle visibility
Quick Announcements

• Fall Asset Management Conference – October 23, Marquette
• 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
• THANK YOU!
TAMC Resources

• Website: www.Michigan.gov/TAMC

• TAMC Help Desk: (517) 373-7910

• Coordinator & Support Staff
  (517) 335-44580
  belknapr@Michigan.gov