

Michigan Hour

Transportation Asset Management Council

2018 RUCUS

September 26, 2018

Roger Belknap, TAMC 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

- ✓ 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

Strategic Session 2018

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

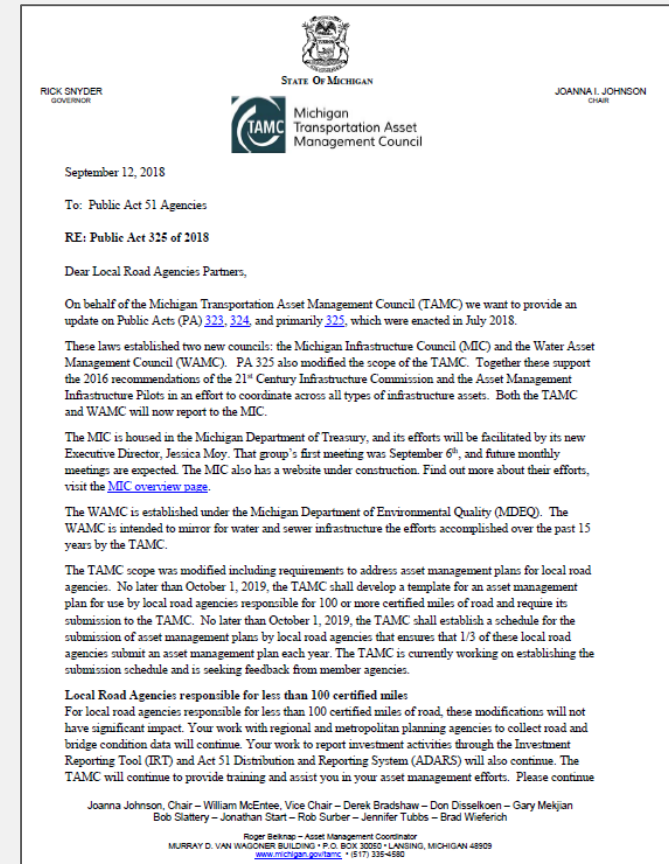
ROBERT LANG | PHOTOGRAPHY



TAMC Letter to Act 51 Agencies 9-12-18

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:

Ann Arbor
Battle Creek
Bay City
Burton
Dearborn
Dearborn Heights
Detroit
Farmington Hills
Flint
Garden City
Grand Rapids
Holland
Jackson

Kalamazoo
Kentwood
Lansing
Lincoln Park
Livonia
Midland
Muskegon
Norton Shores
Novi
Pontiac
Port Huron
Portage
Rochester Hills

Romulus
Roseville
Royal Oak
Saginaw
Southfield
St Clair Shores
Sterling Heights
Taylor
Troy
Walker
Warren
Westland
Wyoming

What: Asset Management Plans Defined

Public Act 324 and 325 of 2018 Requires Plans to Have 7 Elements:



Status of TAMC's Asset Management Plan Template:



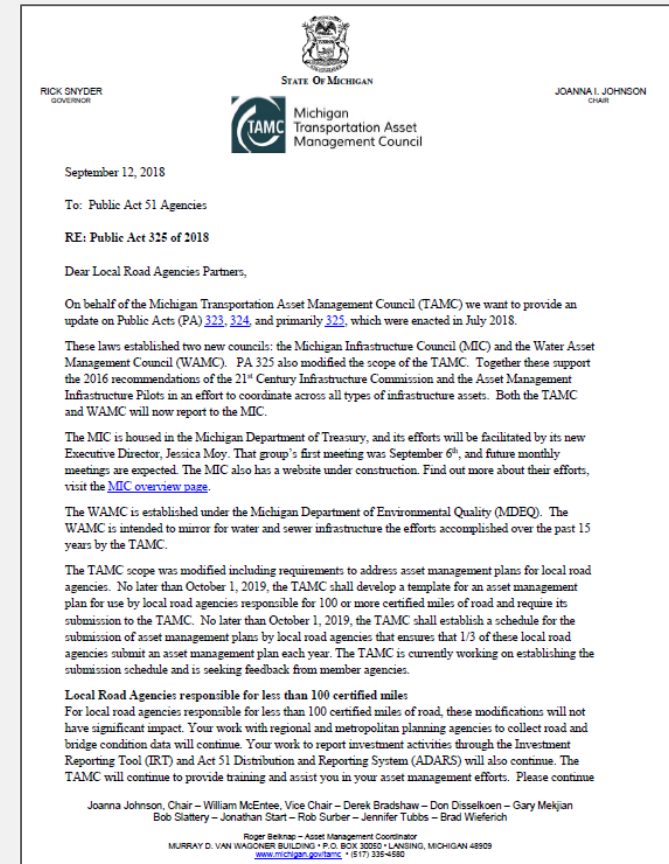
- * TAMC to Revise Template & Re-Launch Asset Management Training Workshops



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

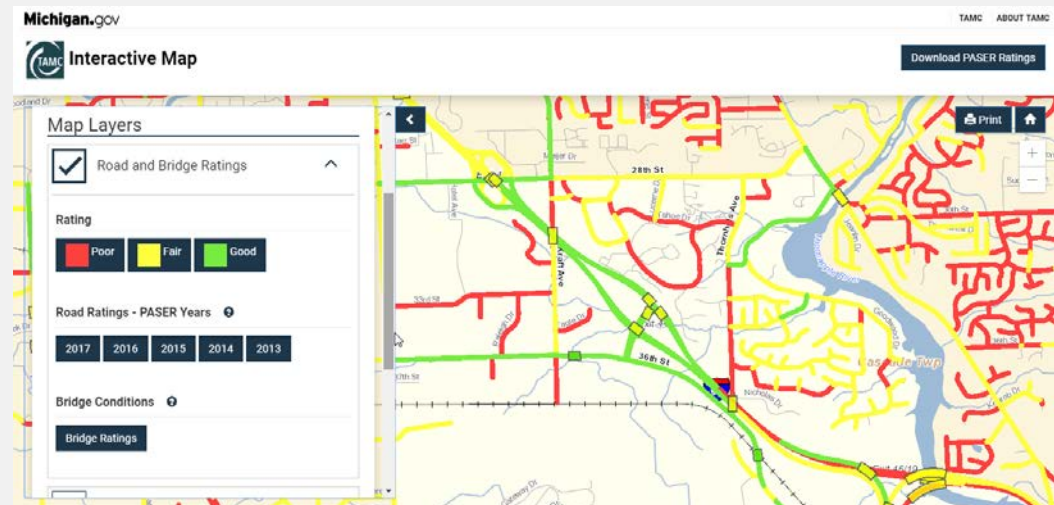
Significance to TAMC:

- 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



TAMC Dashboards & Interactive Map

2018-PA-0325.pdf x MILogin - Home Page x TAMC - Transportation A x Michigan Transportation x


Secure | <https://www.mcgi.state.mi.us/mitrp/tamcDashboards>


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HOME TAMC ABOUT TAMC

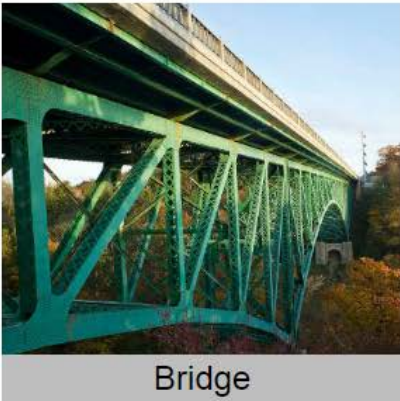
TAMC Dashboards

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.




 Pavement

<https://www.mcgi.state.mi.us/mitrp/tamcDashboards/reports/pavement>



Bridge



Traffic


TAMC Dashboards & Interactive Map

2018-PA-0325.pdf x MILogin - Home Page x TAMC - Transportation A x Michigan Transportation x

Secure | <https://www.mcgi.state.mi.us/mitrp/tamcDashboards/reports/pavement>

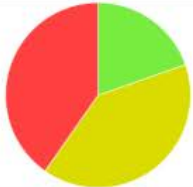
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 **Dashboards** > Pavement

PAVEMENT

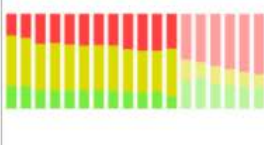
Please choose a Pavement Report from the below options.




Pavement Conditions



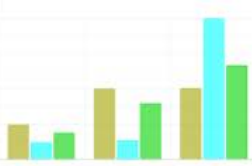
Trend Analysis



Pavement Forecast



Non-Fed Aid



Pavement Comparison

<https://www.mcgi.state.mi.us/mitrp/tamcDashboards/reports/pavement/trends?year=2017&areaType=State&area=State of Michigan&jurisdictionType=All Roads&reportType=laneMiles>


TAMC Dashboards & Interactive Map

2018-PA-0325.pdf x MILogin - Home Page x TAMC - Transportation A x Michigan Transportation x

Secure | <https://www.mcgi.state.mi.us/mitrp/tamcDashboards/reports/pavement/trends?year=2017&areaType=County&area=Grand%20Traverse&jurisdictionType=County%20Ro...>

Michigan.gov

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 **Dashboards** > Pavement > Trend Analysis

TREND ANALYSIS

[View Details](#)

Filters and Options

Geographic Area County **Name** Grand Traverse **Jurisdiction Type** County Road Commission

Display Report Values As Percent Lane Miles  [Change to Bar Chart](#) ☐ **Display Values on Chart**

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



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