TAMC’s Mission:

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

Strategic Work Program

• TAMC 2022-2024 Strategic Work Program Approved by TAMC on January 5, 2022
• Maintains Core Tenants of TAMC’s Commitment to Data Collection, Training and Education through Critical Partnerships
• Continue Deployment of Asset Management Plan Administration
• Policy Updates for PASER Data Collection, Bridges, Culverts and Asset Management Plans
Strategic Work Program

• Where can I find the details of this Program?
• www.Michigan.gov/TAMC - About Us

Annual Report – Condition Reporting

2021 Percent Poor Bridges
All Highway Bridges (Great Lake States)

- Illinois: 9.0%
- Indiana: 5.6%
- Michigan: 11.0%
- Minnesota: 4.6%
- Ohio: 4.9%
- Wisconsin: 6.9%

National Average
Great Lakes Average
Annual Report – Condition Reporting

2021 Percent Severe Bridges
All Highway Bridges (Great Lake States)

Illinois
Indiana
Michigan
Minnesota
Ohio
Wisconsin
2.9%
1.0%
3.9%
0.8%
1.2%
1.4%

Annual Report – Condition Reporting

2021 Trunkline Bridge Condition

2021 Local Agency Bridge Condition
Annual Report – Condition Reporting

1. Public Website
   • Mobile ready – phones & tablets

2. Updated Annually
   • Road and Bridge conditions in May
   • Other data sets in the Fall
TAMC Dashboards

Example of dashboard images
Culvert Inspection and Reporting

• Non-NBI Structures less than 20 feet in span length
  • Roadsoft
    • Preferred for large inventories and pipe type structures.
    • CTT/MTU training available
  • MiBridge (10 to 20 feet)
    • May be preferred if small number of structures (City) or if structure type is more traditional bridge elements (beam, deck, abutments, etc.)
2021.10: Roadsoft Culvert Changes

- Standardizing fields for TAMC data collection
  - Inventory and Rating fields
2021.10: Roadsoft Culvert Changes

- Standardized Material and Shape lookups
- Addition of Material Subtype

- Material/Shape converted where possible
- New Culvert Inspection Form
2021.10: Roadsoft Culvert Changes

- Conversion tool to multi-edit provided

Asset Management Plan: Act 51 Mandate

- Transportation Asset Management Plan (TAMP)

- Public Act 325 of 2018
  - Defines 7 elements of Asset Management Plan
  - Required by agencies w/ 100+ miles
  - TAMC charged with establishing schedule of due dates, TAMP Template, & Training

- TAMP Template
  - Pavement Plan + Bridge Plan + Compliance Plan
  - Pulls Data from MiBRIDGE & Roadsoft
  - Customizable, Word-format
  - Bridge & Pavement Plan Workshops
TAMP—3 Year Schedule

- Certify 100 miles of road
- All 83 county road agencies
- 39 of Michigan’s largest cities

- Training Opportunities
- TAMC TAMP Template

2022 Bridge Asset Management Training Schedule

**Spring Training**

- Introductory Webinar (parts 1 & 2)
- May 3 & 4 (9:00-11:00am)

- Virtual 4-day Workshop
- May 11, 12, 18, and 19 (8:00-10:00am)

**Fall Training**

Dates to be determined
TAMP Template Required

Elements

1. Asset Inventory
2. Performance Goals
3. Risk of Failure Analysis - NEW
4. Anticipated Revenue and Expenditures
5. Performance Outcomes
6. Coordination Clause - NEW
7. Proof of Adoption by Governing Agency

TAMC TAMP Template

[Diagram showing relationships between Pavement Plan, Bridge Plan, and other related templates]
Questions?