Michigan Transportation Asset Management Council (TAMC) Update

2016 MI Bridge Conference

COUNCIL UPDATE

Michigan Transportation Asset Management Council

Council Member
Brad Wieferich

TAMC Update

All public roads in Michigan will be managed using the principles of Asset Management

Public Act 499 (2002)

Michigan Transportation Asset Management Council

www.michigan.gov/tamc

Michigan Transportation Asset Management Council

- Created in 2002 by Act 499 and amended by PA 199 of 2007

Requires all agencies to submit:

- Annual Investment Report
- Current Pavement and Bridge Conditions
- Three Year Investment Program

www.michigan.gov/tamc

Brad Weiferich
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Bill McEntee
CRA

John Egelhaaf
MAR

Dave Wresinski
MDOT

Donald Disselkoen
MAC

Rob Surber
CSS

Jon Start
MTPA

Joanna Johnson
CRA

Bob Slattery
MML

Dale Kerbyson
MML

Jennifer Tubbs
MTA

TAMC Michigan Transportation Asset Management Council

Michigan Transportation Asset Management Council

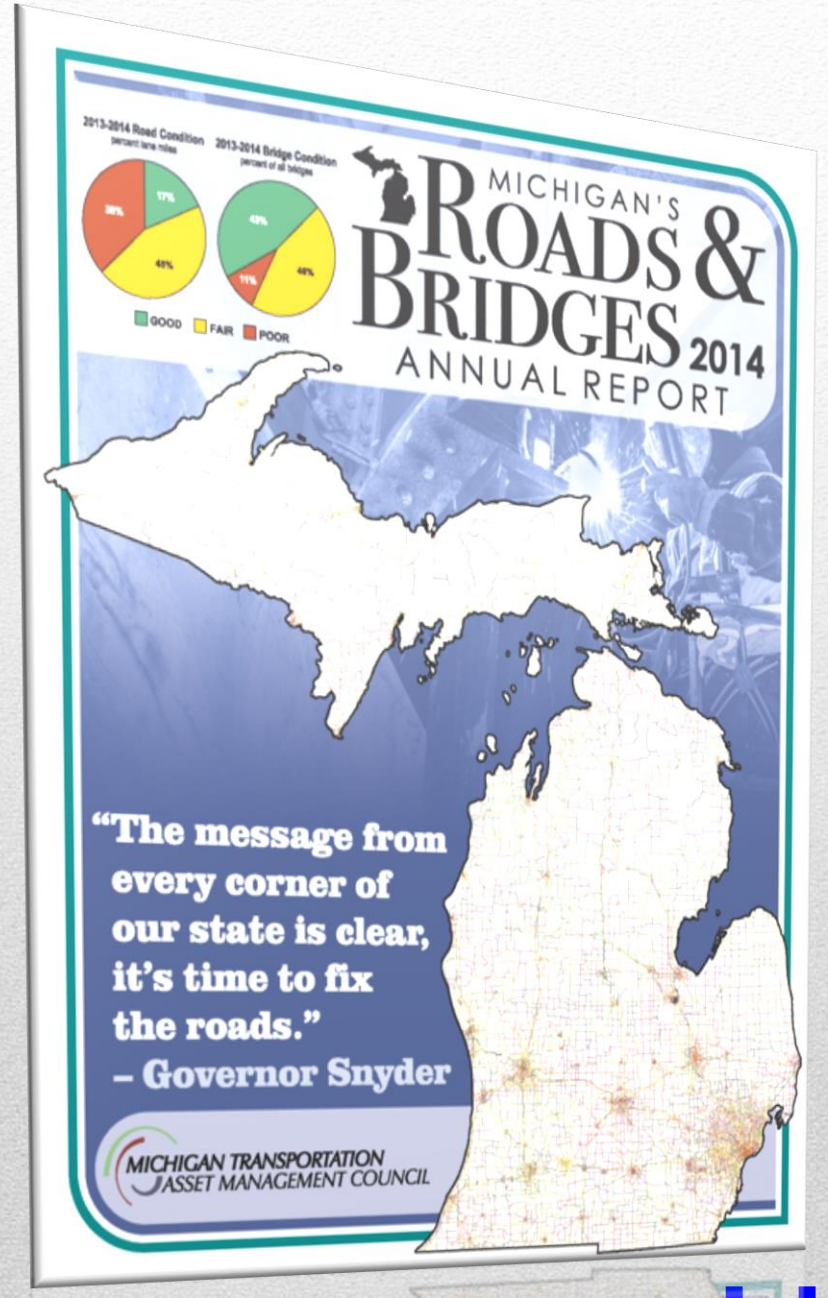
- Roger Belknap, TAMC Coordinator
  - Michigan Department of Transportation
  - TAMC Support Division
  - 3rd Floor, Van Wagoner Bldg., B340
  - Lansing, MI 48909
  - 517-373-2249
  - belknapr@michigan.gov

Michigan Transportation Asset Management Council

- Current Work Program
  - Education/Training
    - PASER
    - Elected Officials
    - Investment Reporting
- Bridges
- Paved Non-Federal Aid
- Unpaved Roads Pilot Study
- Website Updates
- Work Program Updates
- Future Considerations
  - Paved Non-federal Aid Data
  - Unpaved Rating
- Federal Highway - Model Inventory of Roadway Elements (MIRE)
- Further Data Analysis

Michigan Transportation Asset Management Council

- SAVE THE DATE:
  - Spring TAMC Conference April 13th, Double Tree Hotel, Dearborn MI
- Nominations for Individual & Organization Awards
- 2016 Schedules
  - PASER Training
  - IRT/ADARS Training
  - Local Elected Officials
- Reimbursement Requests for Paved Non-federal aid due March 1
- Please submit your Paved Non-federal aid data with/without reimbursement



TAMC Annual Report

- Due annually May 2nd
- PASER data & analysis
- Bridge data & analysis
- Trends & Forecasts

And also:

- Website data downloads
- Dashboard updates

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www.michigan.gov/tamc

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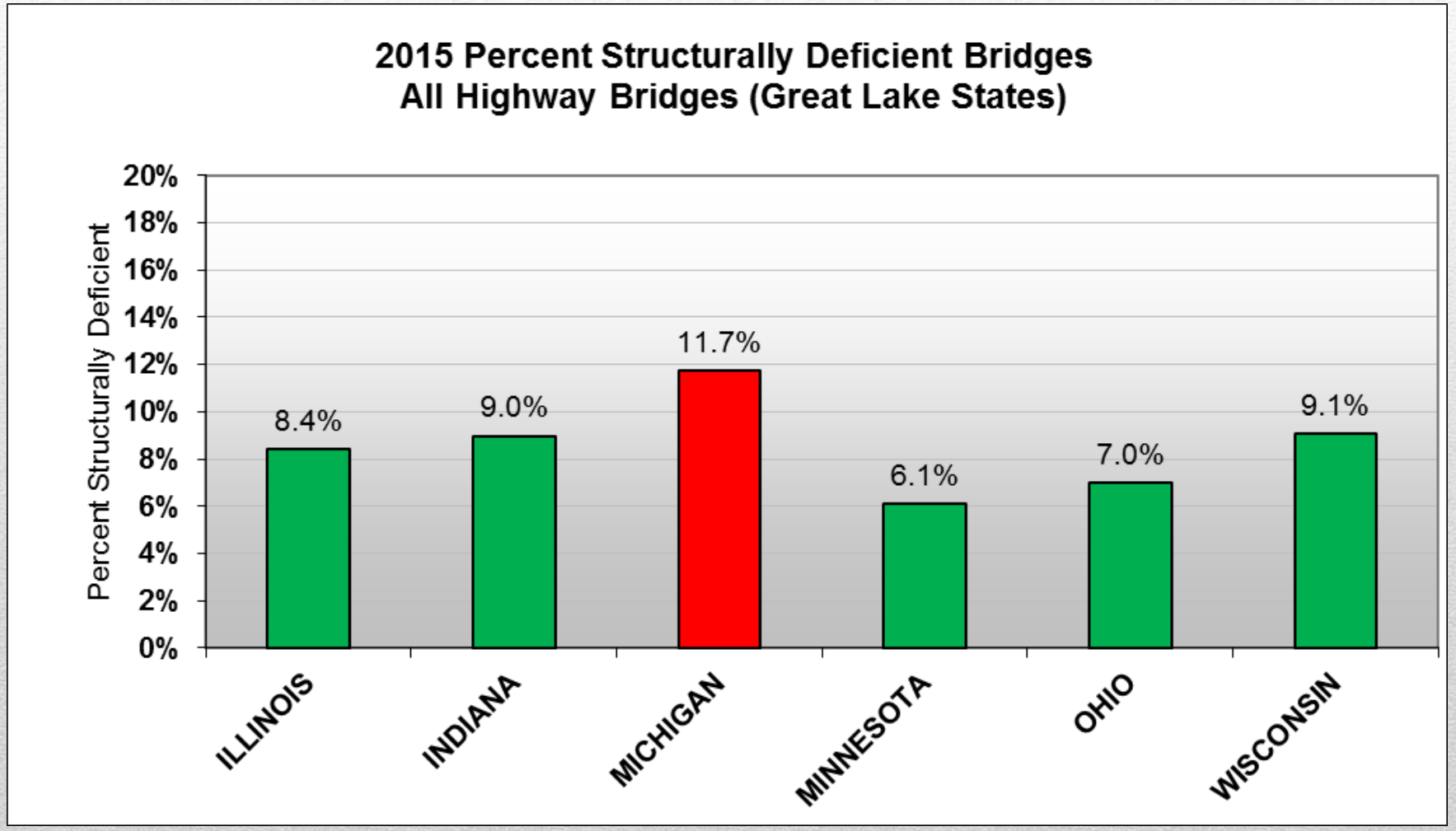

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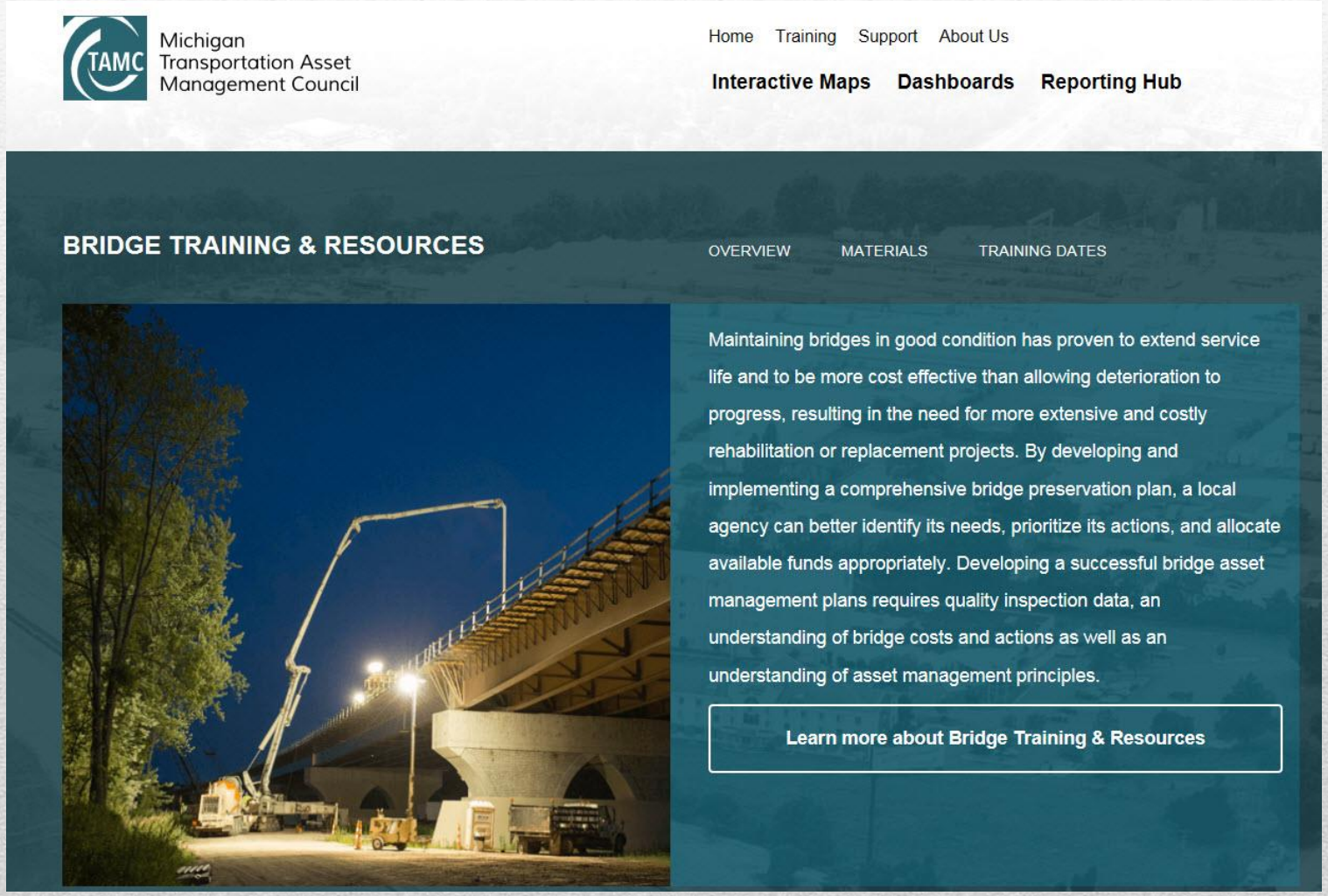
TAMC Website



Michigan Transportation Asset Management Council

TAMC Website

Bridge Inspection

Quality bridge inspection data is a key component of an asset management plan as well as a requirement of the National Bridge Inspection Standards. The safety inspection program in Michigan is managed within the Bridge Field Services Section of the Operations Field Services Division of MDOT. The program ensures compliance with the National Bridge Inspection Standards (NBIS) through comprehensive performance of inspection timeliness verifications, annual FHWA NBIS Metric evaluations, inspection team leader qualification appraisals, and quality assurance reviews. Bridge Field Services also develops inspection procedures, responds directly to the FHWA Michigan Division Bridge Engineer, and serves as the recognized resource for all inspection related inquiries.

Read more

Bridge Management and Scoping

Developing an asset management plan requires identifying appropriate work types for a specific bridge and identifying costs. The bridge management and scoping program is operated by the Bridge Management Unit of MDOT. The program maintains a scoping manual, deck preservation matrices, and cost estimating worksheets. The site also contains studies on the expected service life of structures and information on preservation activities.

Read More

Michigan Bridge Conference and Pre-Conference Workshop

This workshop will provide bridge engineers, bridge designers, and bridge owners a deeper understanding of bridge inspection reporting requirements, including routine reporting requirements, timeliness of inspections and reporting, new reporting requirements, and Scour Action Plan-development, use, and documentation. The morning sessions will provide overviews of quality control/quality assurance, inspection reporting requirements, and risk based inspections. The second half of the workshop will include non-destructive evaluation, Michigan-bridge updates, and safety issues. The conference will provide information on a variety of bridge topics including FHWA, MDOT, TAMC and Local Agency Program updates, Bridge Case Studies, current research, SHPO and historic bridges, and working with threatened and endangered species.

Read more

Michigan's Performance Measure Dashboards

Transportation Asset Management Council

MI Transportation Reporting Portal

Michigan.gov

The Official State of Michigan Website

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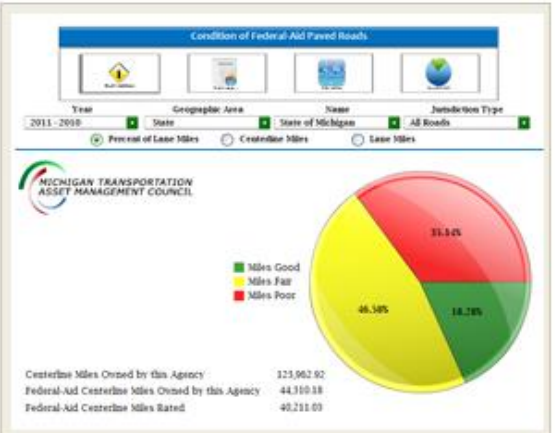
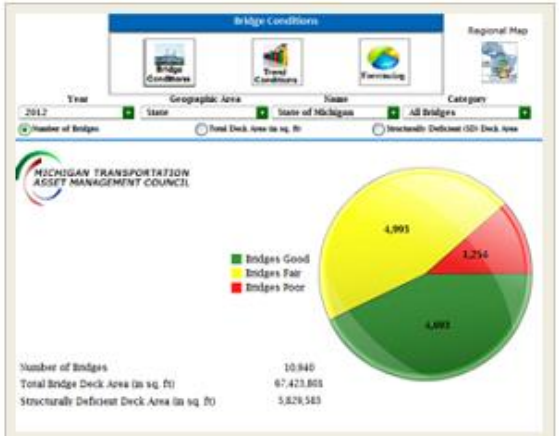
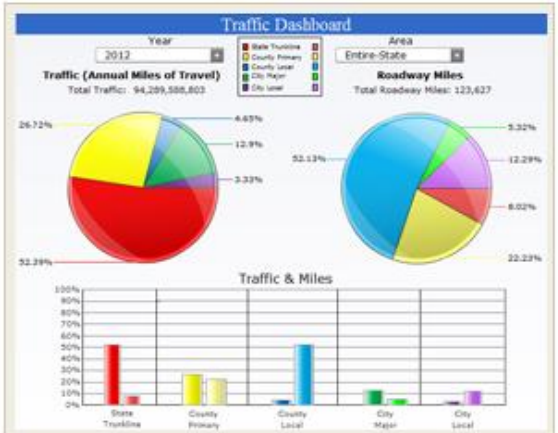


Pavement

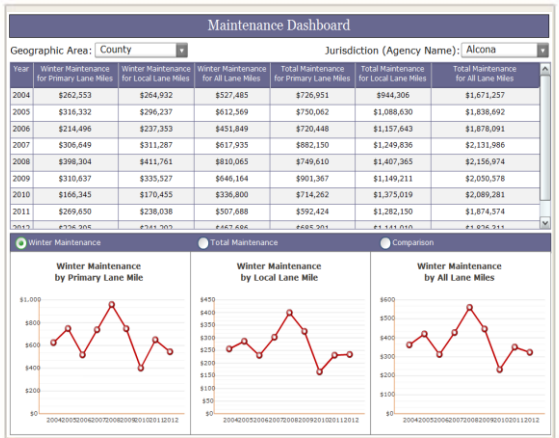


Bridge

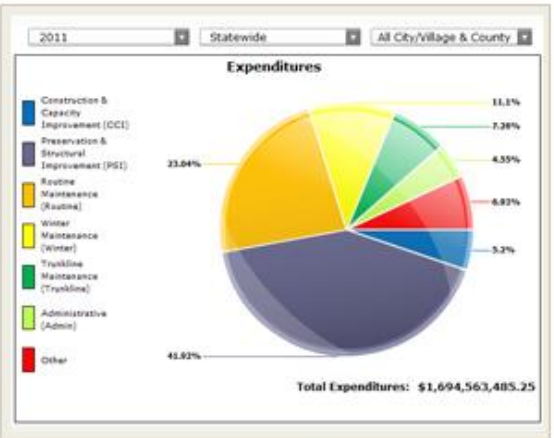


Traffic

Safety



Maintenance



Finance

www.michigan.gov/tamc

search address, city, zip, and more

Map | Results

Print | Navigation Info

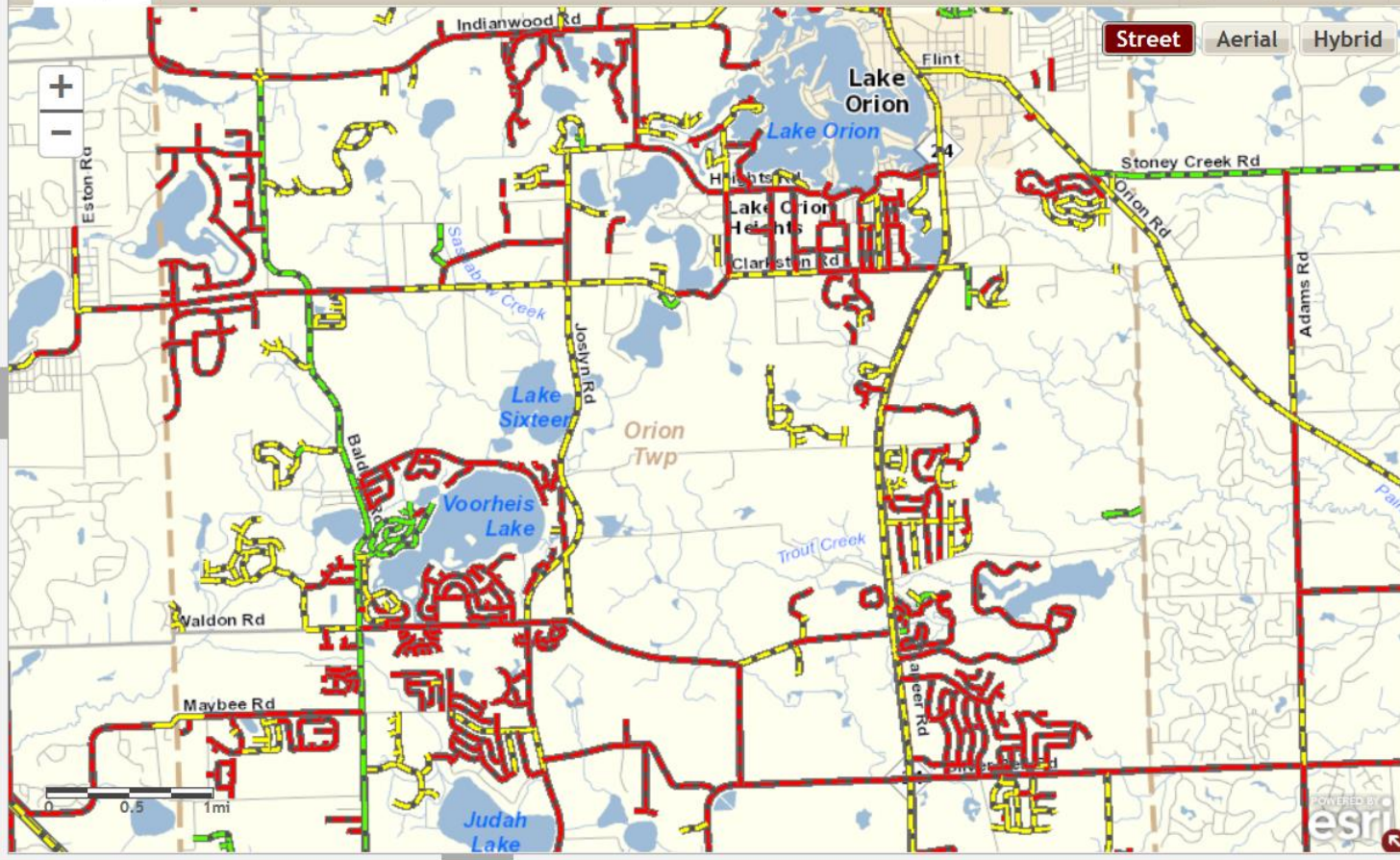
Street | Aerial | Hybrid

Legend

PASER - Road Condition

Most Current:

- Poor
- Fair
- Good



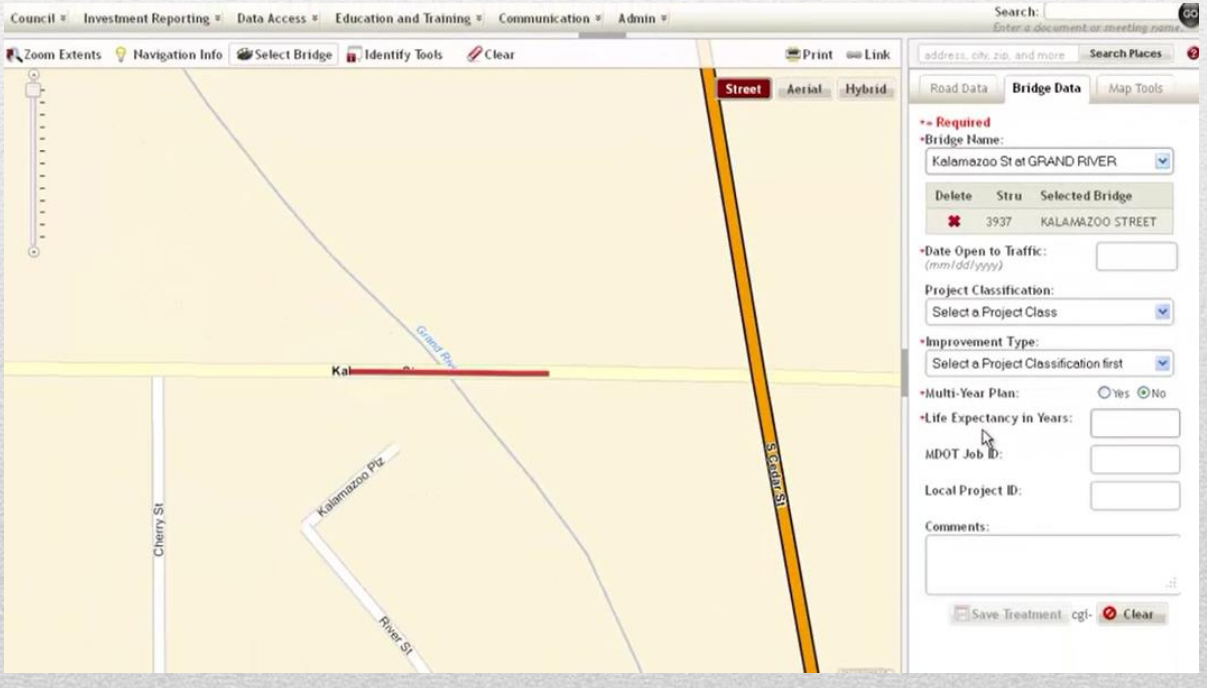
Michigan Transportation Asset Management Council

How does the council collect bridge condition data?

From bridge inspections entered into MiBridge.

Michigan Transportation Asset Management Council

How does the council collect Bridge Investment Data?



Investment Reporting Tool (IRT)

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Overview of Investment Reporting Process

PROJECTS

- "The what, the where and the when"
- Current year Road & Bridge work
- 3yr Plan Planned Project also

NEW - PROJECT ID / PROJECT NAME

- Unique for each project
- Common ground - links all systems.
- Can be street names or ID numbers

Step 1

IRT (CSS)

- Enter PROJECTS

ROADSOFT (MTU /LTAP)

- Enter PROJECTS
- PASER Ratings

Step 2

IRT (CSS)

- TAMC Statewide Database

Step 3

ADARS/ACT51 (MDOT)

- Verify PROJECTS from IRT
- Enter PROJECT COSTS

NEW - PROJECT COSTS

- **NEW REQUIREMENT** on Asset Management Page
- Requires Total Costs for Each Project (Not annual cost)

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Bringing the Pieces Together

- **IRT + ADARS = Compliance**
- These two systems are now integrated to allow projects entered into the IRT to sync with the fields in the ADARS system.
- ADARS users will then enter in project cost information
- This increases accuracy and efficiency
- IRT and ADARS reporting share a common deadline now. (120 Days after Fiscal Year End Date)

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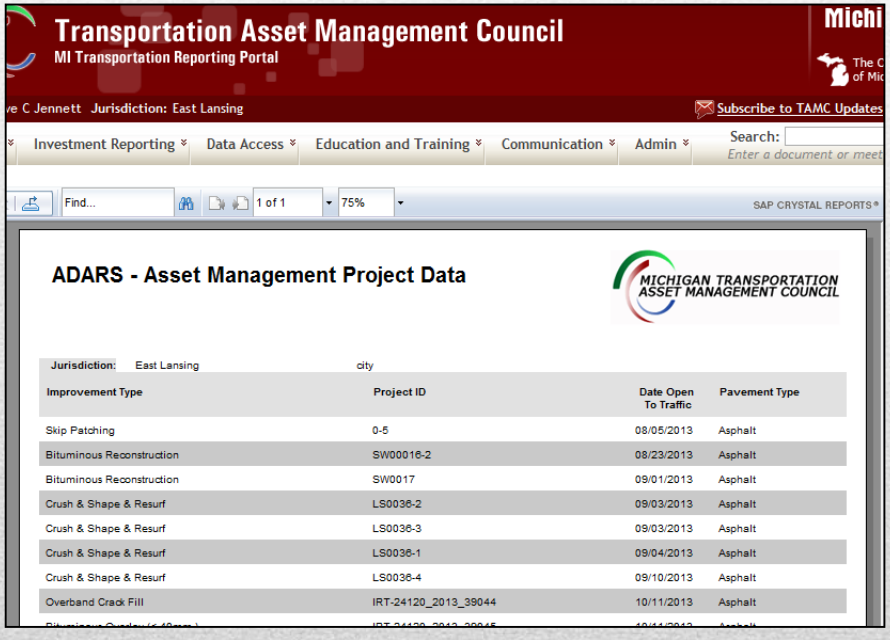
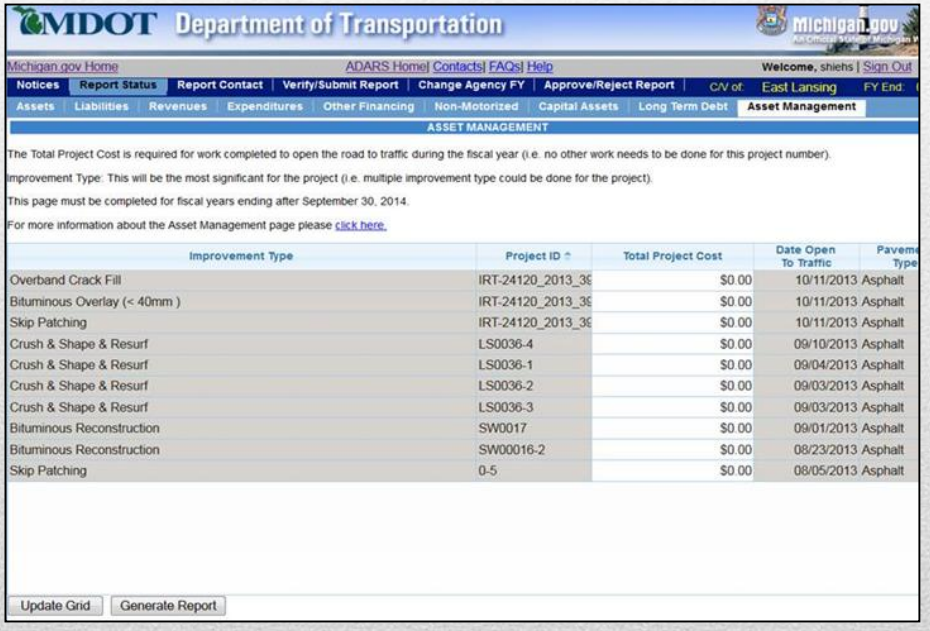
IRT Report Syncs to the Asset Management Page in ADARS



IRT - ADARS Report



ADARS - Asset Management Page

Reminder: This sync removes previous dual entry process as ADARS now only needs new Project Costs

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**** 4 WEBINAR SESSIONS ****

NOTE: Each session is 9:00am to 12:00pm with login open at 8:45am. No pre-registration is required.

- **Friday, February 26**
- **Thursday, March 31**
- **Friday, June 3**
- **Thursday, September 8**

To participate in a webinar training session you will need both a video connection using your computer and an audio connection using your phone.

Depending on your web browser you may need to install temporary software onto your computer in order to participate in the webinar.

1. For Video go to AT&T web meeting login:
   - www.webmeeting.att.com
   - Meeting Number: 8774119748
   - Code: 8022603
   - Fill in your email address
   - Fill in agency name - participant
   - Example: "Houghton - Dave Jennett"
   - Then Click "Submit"
2. For Audio - Phone Dial:
   - 1.877.411.9748
   - Code: 8022603

Note: If you have any questions regarding a webinar session please contact the TAMC helpdesk at: 517.373.7910

**** 5 STATEWIDE ON-SITE SESSIONS ****

NOTE: All Sessions are 9:00am to 12:00pm
Please pre-register with the contact person below if you plan to attend that session.

Wednesday, March 9 – MDOT Grand Rapids Region Office
1420 Front Avenue, NW, Grand Rapids, MI 49504
Dave Bee (WMRPC)/ 616-774-8400
info@wmrpc.org

Tuesday, April 5 – SEMCOG (Detroit)
1001 Woodward Avenue, Suite 1400
Detroit, MI 48226
Ed Hug (SEMCOG) / 313.324-3335
hug@semcog.org

Thursday, May 5 – Gaylord University Center
80 Livingston Blvd, Gaylord, MI 49735
Nico Tucker (NEMCOG) / 989.705.3732
ntucker@nemcog.org

Tuesday, July 12 – Escanaba, Delta CRC
3000 32nd Ave N, Escanaba, MI 49829
Peter Van Steen (CUPPAD) / 906.786.9234
pvansteen@cuppad.org

Thursday, August 11 – Kalamazoo CRC
3801 E. Kilgore Road / Kalamazoo, MI 49001
Selena Rider (Rckc Admin Assistant) / 269.381.3171
info@kalamazoocountyroads.com

IRT webinar and on-site training sessions available. Visit the TAMC website for the full updated schedule

Michigan Transportation Asset Management Council

Asset Management Guide for Local Agency Bridges Training Course

8:00 AM - 2:30 PM
Sign-in starts at 7:30 AM

2016 Training Dates

September 14 & 15	Lower Peninsula
November 1st	Locations TBD

Training Topics

- Bridge asset management principles
- Tools & resources available to your agency
- State & federal policy
- Programmatic requirements relating to bridge asset management

Registration

Public agency registration fee: $20
Private company registration fee: $50
Register at ctt.mtu.edu/Training.

Registrations must be made in advance. Sign-in and the continental breakfast begins at 7:30 AM.
Questions? Email ctt@mtu.edu

Instructors

Chris Gilbertson, Ph.D., P.E., is a Senior Research Engineer at the Center for Technology & Training at Michigan Technological University. His efforts are focused on the Bridge Load Rating Program which offers technical assistance to local agencies and their consultants while conducting load ratings using AASHTOWare Bridge Rating.

Al Kaltenthaler, P.E., S.E., is the Vice President and Senior Associate for TranSystems Corporation in East Lansing. Al is a former member of TAMC Bridge Committee. He has 32 years of engineering experience. Al recieved a B.S. in Civil Engineering from University of Akron. He has been the project manager for dozens of MDOT bridge design, rehabilitation, inspection, and load rating projects.

Michigan Transportation Asset Management Council | Michigan's Local Technical Assistance Program | Center for Technology & Training

No-shows and cancellations within three business days of the session will be charged the full registration fee. Substitutions will be accepted. The Center for Technology & Training's (CTT) continuing education policy is available here.

Feedback? Questions?

Thank You for all you do in data collection!

Brad Wieferich, TAMC Member

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www.michigan.gov/tamc