TRANSPORTATION ASSET MANAGEMENT PROGRAM

Refresher

TODAY'S PRESENTERS

Michigan Transportation Asset Management Council

Center for Technology & Training

Sarah Plumer, PTP
TAMC Coordinator

Scott Bershing, Moderator

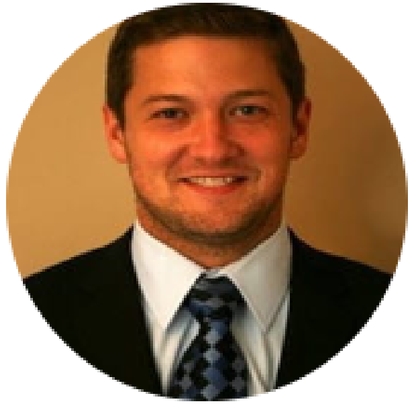
Brad Sharlow, AICP
MDOT, Manager Asset Management Section

Luke Peterson, Principal Programmer

The role of RPA/MPO in Transportation Asset Management

“The state planning and development regions shall provide qualified technical assistance to the transportation asset management council”
PA325 of 2018

TAMC Council Members Representing You



Ryan Buck

Council Member (Term Expires January 2027)

Jacob Hurt

Council Member (Term Expires May 2025)

MTPA

MAR
MICHIGAN ASSOCIATION OF REGIONS

The role of RPA/MPO in Transportation Asset Management

Regional Experts

Program Managers

Data Collection

Trusted Source and Intermediary

TAMC and Regional Agency Partners

One-on-One Meeting Recap

Purpose:

To get to know you and your organization's Transportation Asset Management efforts and receive feedback on the program/process.

Findings:

Everyone has a process.
Processes are different and tailored to the region.
One-on-One meetings were beneficial.

Shared Concerns:

MDOT participation.
Staff/Time Constraints.
Budget Constraints.
Local Agency efforts may be constrained or there is a lack of interest.

Unified Work Program

Reviewing Activities

REIMBURSABLE TASKS

01	**Training Activities**
02	**Data Collection**
03	**Equipment**
04	**Data Submission**
05	**Asset Management Planning**
06	**Technical Assistance**
07	Invoicing
08	Products
09	What to expect in FY25.

Training Activities

Agency	2022 Training Participants	2023 Training Participants
MTU/CTT	988	1231
DTMB/CSS	162	264

Center for Technology & Training

https://www.ctt.mtu.edu

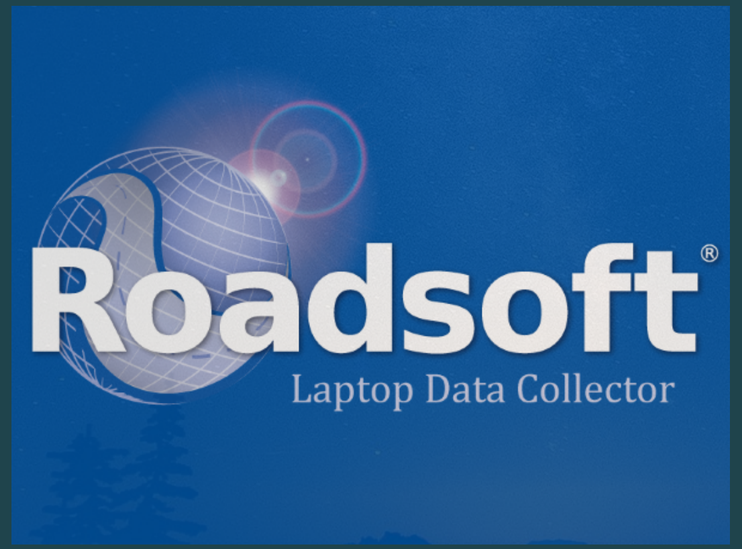
1. Pavement Surface Evaluation and Rating (PASER) and Inventory-based Rating System for unpaved roadways.
2. Represent MPO/RPO at TAMC-sponsored conferences
3. Investment Reporting Tool (IRT) training seminars.
4. Culvert Inventory and Condition Data Collection
5. Asset Management Plan Development training seminars

Data Collection Equipment

Ensure rating teams have necessary tools:

- Laptop (reimbursable every 3 years)
- Roadsoft Data Export for Laptop Data
- GPS Unit
- Vehicle equipped with flashing beacon, reflective striping, etc.
- Reflective Safety Vests

Roadsoft System Requirements



Communicate any equipment needs and purchases through Brad Sharlow, MDOT, Manager Asset Management Section

Continue to coordinate with MDOT REGION TSC for the use of MDOT vehicle or request MDOT staff participation in data collection.

Data Collection

Data Collection Teams

Federal Aid Rating Teams

- 2 people
  - 1 representing RPA/MPO
  - 1 representing local agency
- 3rd person is permissible but not reimbursed unless meeting requirements.

Training & Certification Requirements

Attend PASER and IBR Training at least once in 3 years.

or

Meet Eligibility Requirements:

attended training 6+ years, Licensed PE attended training 3+ years, either has rated for a like number of years.)

AND

Passed certification exam once in last three years

Continue to coordinate with MDOT REGION TSC for the use of MDOT vehicle or request MDOT staff participation in data collection.

Federal Aid System

No less than one half of the FA System a year

Regional Agency Role

- Organize schedules with PA 51 agencies.
  - Data collection season 1st Monday of April - 2nd Friday in December
- Coordinate, participate and facilitate data collection.
- *Ensure all participants are trained and have have access to State of Michigan travel reimbursement rates.*
- **Collection on one half of the federal system every year allows for any remaining annual funds to be spent on other data collection efforts.**

Non-Federal Aid System

Reimbursement no more than every 3 years

Regional Agency Role

- Annual Call for Interest to PA 51 agencies. Requests to be received by October 1.
- Coordinate collection cycles with an emphasis on top 123 agencies.
- Ensure all participants understand procedures for data collection and data sharing with the TAMC.
- Participate and perform data collection as needed or when requested.

Bridge and Culverts

Consider available budget, age of last data when approving requests

Regional Agency Role

- Annual Call for Interest to PA 51 agencies for Culvert and Bridge Data Collection. Requests to be received by October 1st.

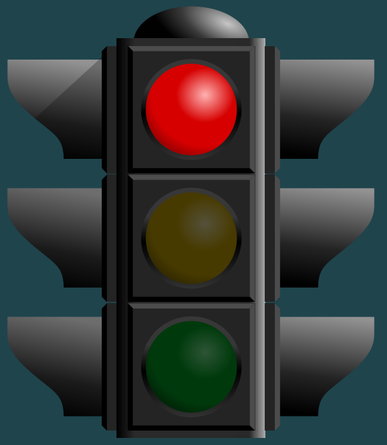
- Data Houses
  - Culverts - Roadsoft
  - Bridges - MIBridge

Data Collection Policies

[Policy for Collection of Culvert Inventory and Condition Data (2023)]

[Policy for Collection of Roadway Surface Condition Data (2023)]

[Policy for Collection of Bridge Condition Data]



Data
must be submitted
to receive reimbursement

Data Submission

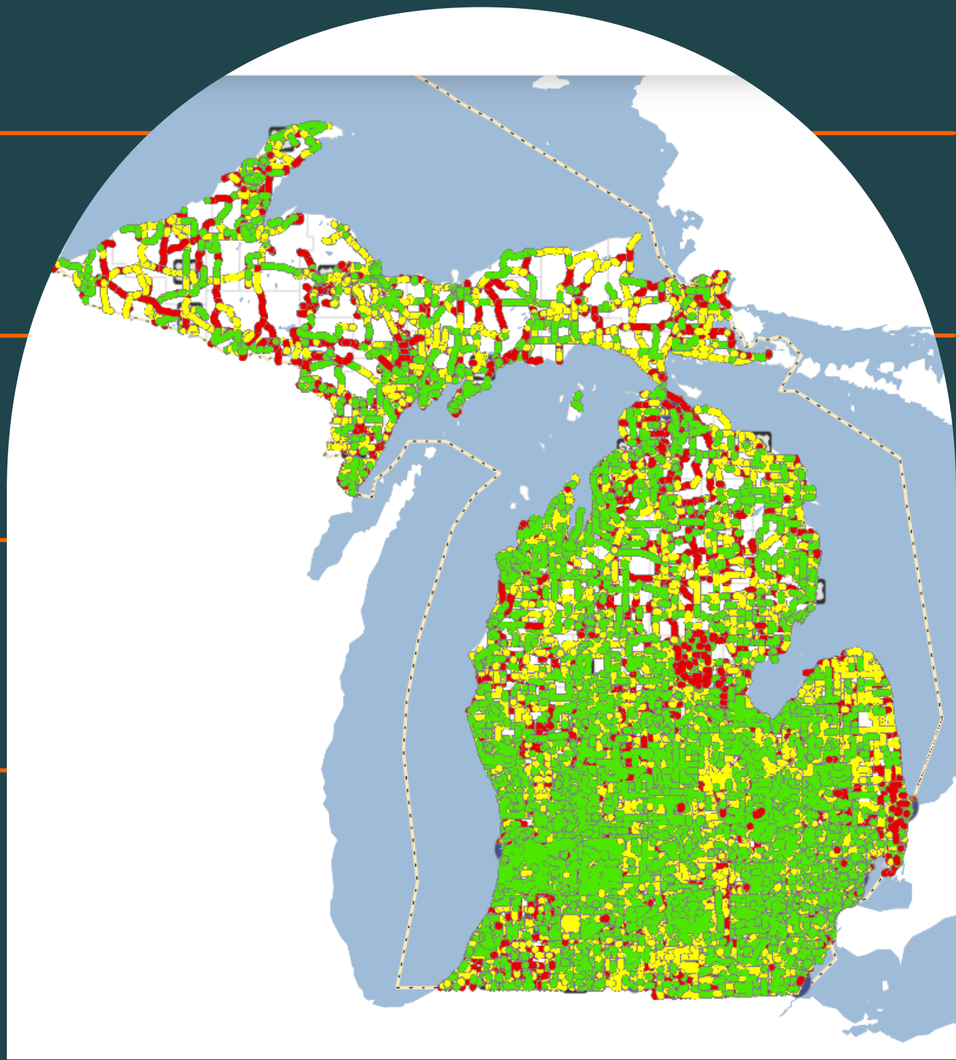
You’re the expert on your regional Road Collector (LDC) program.

Monitor and report status of data collec

Maintain an accurate regional Roadsof

QA/QC and Data Submission

Provide links on agency websites and interactive maps, and dashboards for data.



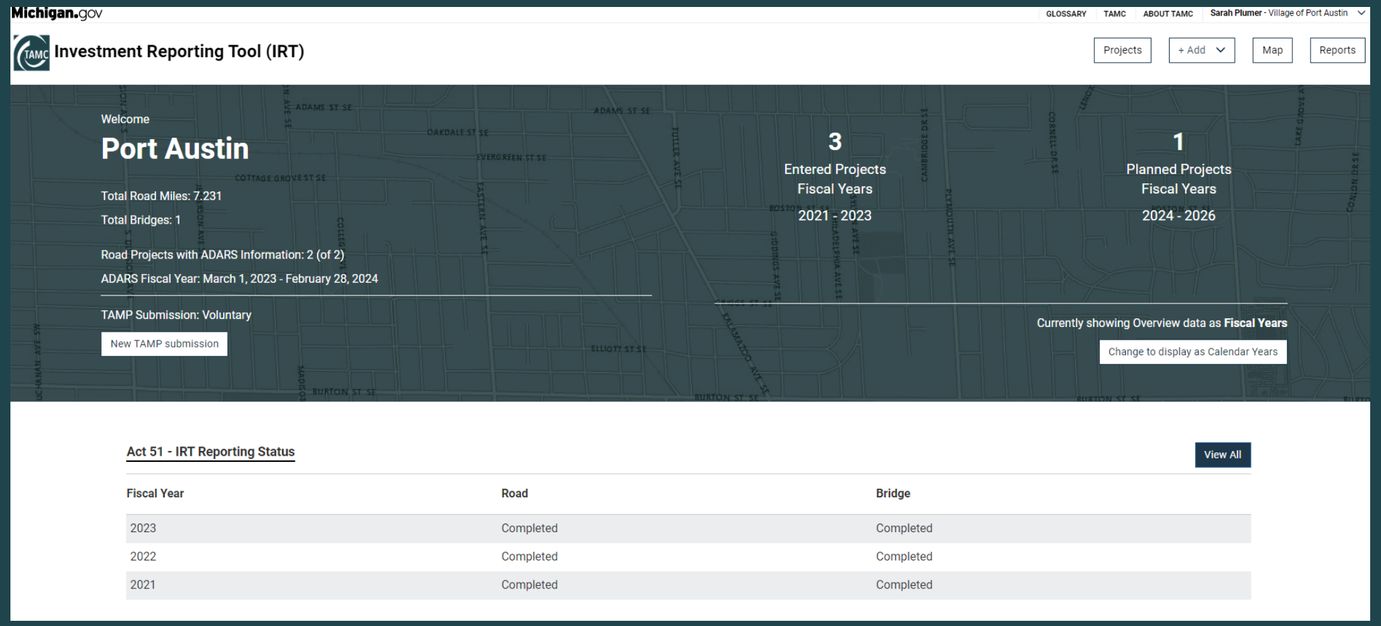
Technical Assistance

Technical assistance related to any work program activity, but not the act of collecting data

Help locals use TAMC Reporting Tools and Data Collection Equipment and Programs

Integrate PASER ratings and asset management into project prioritization criteria.

- Analyze Data and develop road preservation scenarios.
- Analyze performace of implemented projects.



Asset Management Planning

Monitor status of Transportation Asset Management Plans (TAMP) in Region

Provide assistance and training funds for agencies during the development of TAMPS.

Utilize asset inventory and condition data to provide reports or information to local, regional, state partners

How should an invoice be submitted?

- Utilize MDOT standard invoice forms.
- Invoice based on activity in unified work program
- Include information and back-up documentation required for each activity
- Timely Submittal. Keep TAMC Administrative staff updated if invoices will be submitted late

What does timely submittal mean?

Final invoices for the fiscal year must be submitted by October 15th.

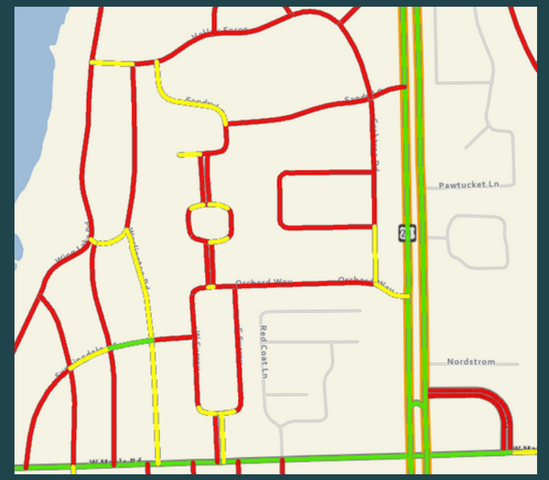
OR

If it is determined early enough that this is not an option, plan ahead.

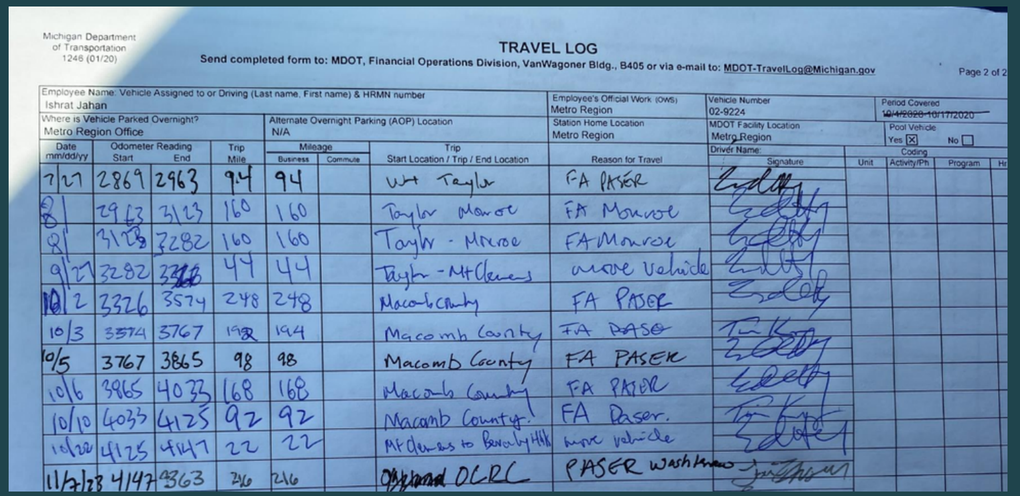
An EAP form with the remaining funding to be charged must be completed and approved by MDOT-Contracts Services Division prior to September 30th.
MPOs/RPAs have until December 1st to complete their invoices

What Products To Submit

- PASER data for Federal Aid/Non-Federal Aid system submitted to TAMC via the IRT



- Culvert Inventory and Condition Data
- Invoices submitted on time and fully completed. Include receipts, logs and any supporting information.



Michigan Department of Transportation 1246 (01/20)

TRAVEL LOG

Send completed form to: MDOT, Financial Operations Division, VanWagoner Bldg., B405 or via e-mail to: MDOT-TravelLog@Michigan.gov

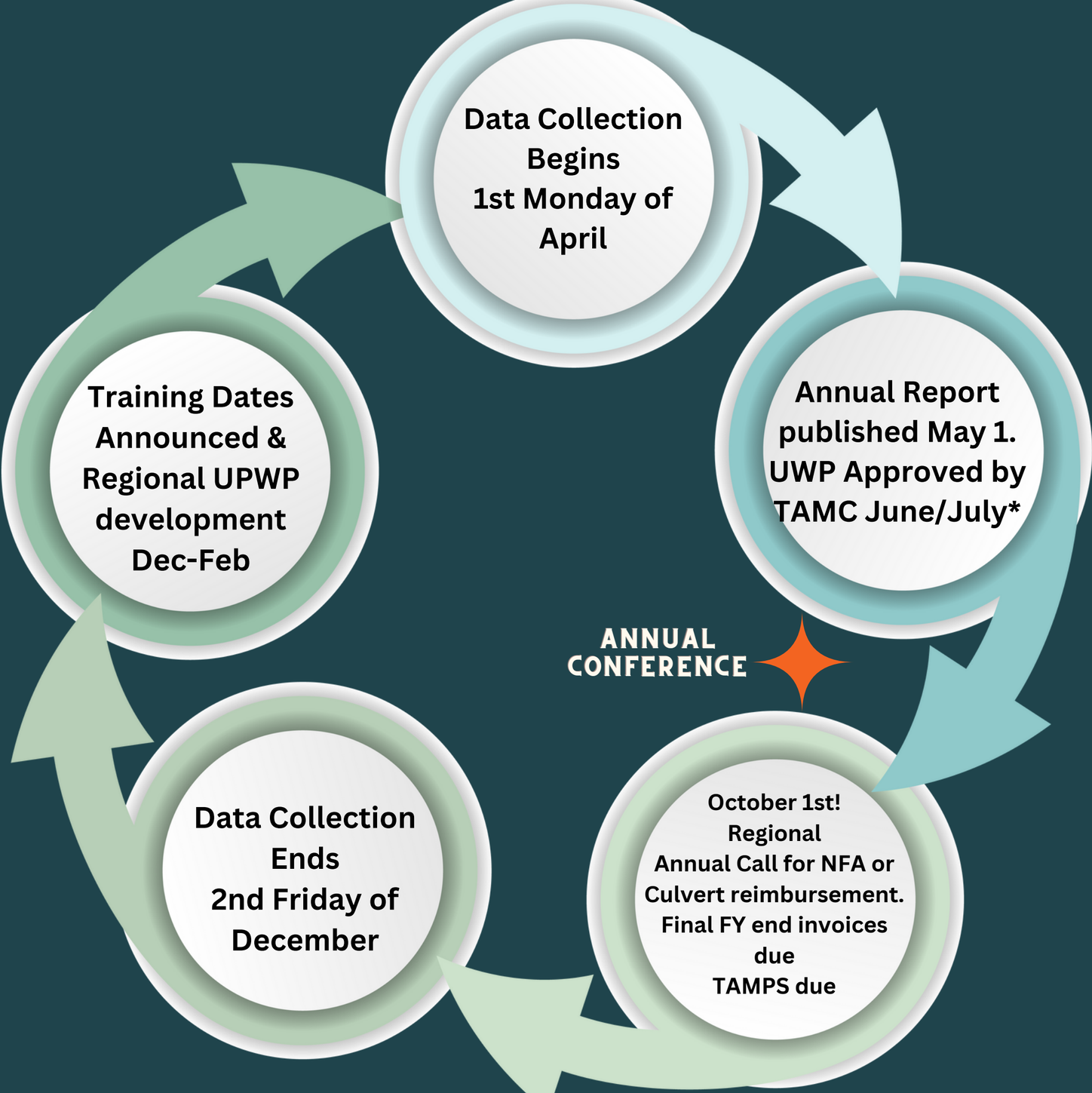
Page 2 of 2

Employee Name: Vehicle Assigned to or Driving (Last name, First name) & HRMN number: Ishrat Jahan
Employee's Official Work (OWS): Metro Region
Vehicle Number: 02-9224
Period Covered: 10/1/2020-10/17/2020
Where is Vehicle Parked Overnight?: Metro Region Office
Alternate Overnight Parking (AOP) Location: N/A
Station Home Location: Metro Region
MDOT Facility Location: Metro Region
Pool Vehicle: Yes [X] No [ ]
Driver Name:

Date mm/dd/yy	Odometer Reading Start	Odometer Reading End	Trip Mile	Mileage Business	Mileage Commute	Trip Start Location / Trip / End Location	Reason for Travel	Signature	Coding Unit	Coding Activity/Ph	Coding Program	Coding Hr
7/27	2869	2963	94	94		Wtt Taylor	FA PASER					
8/	29[illegible]3	3123	160	160		Taylor Monroe	FA Monroe					
8/	3123	3282	160	160		Taylor - Monroe	FA Monroe					
9/27	3282	3326	44	44		Taylor - Mt Clemens	move Vehicle					
10/2	3326	3574	248	248		Macomb county	FA PASER					
10/3	3574	3767	198	194		Macomb County	FA PASER					
10/5	3767	3865	98	98		Macomb County	FA PASER					
10/6	3965	4033	168	168		Macomb County	FA PASER					
10/10	4033	4125	92	92		Macomb County	FA Paser.					
10/22	4125	4147	22	22		Mt Clemens to Beverly Hills	move vehicle					
11/2/28	4/47	4363	216	216		~~Oakland~~ OCRC	PASER Washtenaw					

Annual Cycle

The transportation asset management program cycle overlaps different fiscal years, seasonal work and work program schedules.

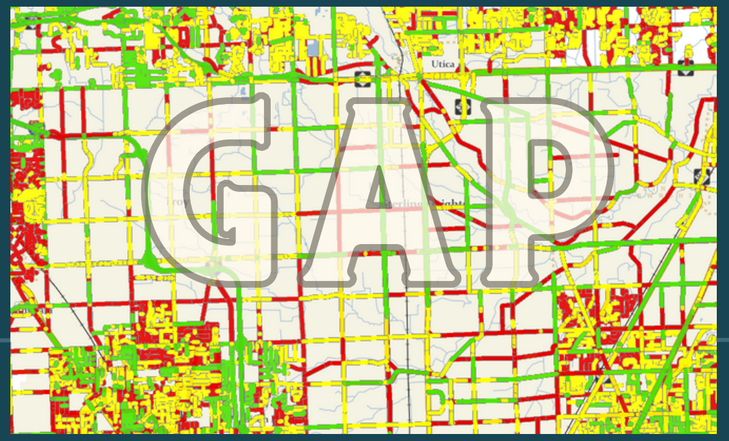


Michigan Transportation Asset Management Council

News

- *Coming Soon! A new page on the Website providing Region and MPO specific resources*
- Updated Work Program for 2025 is under review. Invoice form will also be updated.
- FY2025 Request for Increased Budget.
- Regional Allocation Formula Under Review
- New efforts include traffic signal guidance and advanced technology for data collection
- Joint MIC/TAMC/WAMC Conference August 13-14 in Grand Rapids
- Non-Federal Aid Data Gap Reimbursement Program (Requests Due February 9th, Awards March 8th.)

FY2024 Non-Federal Aid Reimbursement Program



One-Time Program made available from FY2023 carry over

Purpose:
Fill in
NFA data gaps.
Roads with no condition data or older than 3 years

Letters with requests must be submitted to TAMC by the RPA/MPO

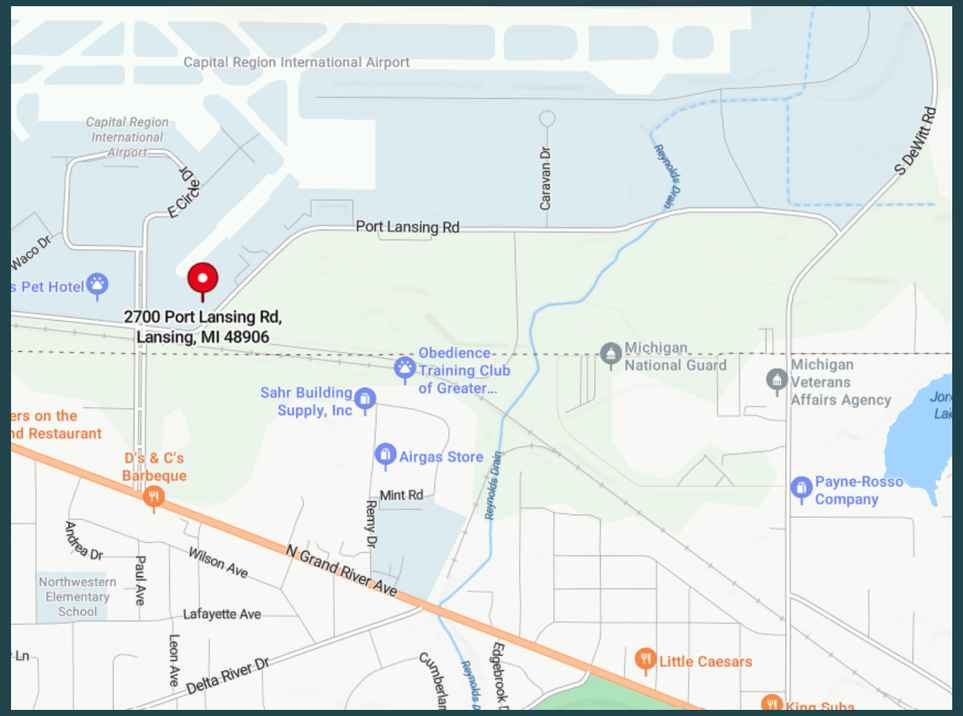
Due Feb 9th
Awards announced March 8th

TAMC Meetings

1st Wednesday of the Month @ 1:00PM

JANUARY NO MEETING	FEBRUARY 7TH	MARCH 6TH
APRIL 3RD	MAY 1ST	JUNE - NONE
JULY - NONE	AUGUST 7TH	SEPTEMBER 4TH
OCTOBER - NONE	NOVEMBER 6TH	DECEMBER 4TH

Open to All!



IN PERSON

MDOT Aeronautics Building
2nd Floor Commission Conference Room
2700 Port Lansing Road, Lansing MI

REMOTE

TEAMS meeting link
Call in (Audio Only)
1-323-484-8236
Phone Conference ID: 831 680 087#

Thank you!

Sarah Plumer, PTP
TAMC Coordinator
HRC Contract
splumer@hrcengr.com

Brad Sharlow, AICP
MDOT, Manager Asset Management Section
sharlowb@michigan.gov

Up Next: Center for Training and Technology