

**TRANSPORTATION ASSET MANAGEMENT COUNCIL
DATA COMMITTEE**

July 15, 2020 at 1:00 p.m.

Meeting was held via Teleconference per Executive Order from Governor Whitmer Discontinuing
In-Person/Large Meetings due to the Coronavirus 19 Pandemic

MINUTES

****Frequently Used Acronyms Attached**

Members Present:

Bill McEntee, CRA – Chair
Robert Slattery, MML

Jonathan Start, MTPA/KATS – Vice Chair
Jennifer Tubbs, MTA

Support Staff Present:

Niles Annelin, MDOT
Tim Colling, MTU/LTAP
Jesus Esparza, MDOT
Dave Jennett, MDOT

Roger Belknap, MDOT
Eric Costa, MDOT
Cheryl Granger, DTMB/CSS
Gloria Strong, MDOT

Members Absent:

Rob Surber, DTMB/CSS

Public Present:

Amber Hicks, MIC

1. Welcome – Call-to-Order – Introductions:

The meeting was called-to-order at 1:04 p.m. Everyone was introduced and welcomed to the meeting. G. Strong conducted a roll-call to verify attendance.

2. Public Comments on Non-Agenda Items:

None

3. Consent Agenda:

3.1. – Approval of April 22, 2020 Data Committee Meeting Minutes – *Action Item* (Attachment 1)

3.2. – TAMC Budget Update (Attachment 2)

Motion: J. Start made a motion to approve the Consent Agenda; B. McEntee seconded the motion. The motion was approved by all members present.

4. Review and Discussion Items:

4.1. – Update on 2020 Pavement Data Collection – R. Belknap

TAMC has sent out a memo message today to the Metropolitan Planning Organizations (MPO)/Regional Planning Organizations (RPO), local agencies and transportation partners providing guidance on collection of PASER data. Per the Governor’s Executive Order due to COVID-19, the 3-person team is not allowed for federal aid data collection. The agencies were encouraged to do non-federal aid data collection because of the restrictions on the 3-person team being in the data collection vehicle. A regional coordinators call will be scheduled to gage the level of data collection and coordination. TAMC is relying on each agency to set their own safety guidance during the collections. It is felt that most counties, regions, and locals will be concentrating on non-federal aid data collection. Most feel they should focus on non-federal aid collection this year and next year get as much federal aid data collection completed. R. Belknap would like to recommend to the full Council at their August 2020 to extend the federal aid data collection FY 2020

reimbursements into FY 2021 for a couple of months. The Committee supports the recommendation however, they feel adding only a couple of months would not be sufficient. The Data Committee requested that R. Belknap check with MDOT Contract Services to see if the extension to use FY 2020 data collection funds into FY 2021 can be longer than 2 or 3 months.

4.2. – Pavement Condition Forecasting Tools, Investment Strategy (PCFS) and Associated Project Costs – E. Costa

E. Costa stated the PCFS update is complete. It can now break down forecasting by region and functional class. It has been tested using some dummy data and is working correctly. They will then be breaking down the 2018 and 2019 PASER collection and inputting that into the model. Those regional models lead up to the statewide forecast. He may be able to present his findings to the Data Committee in August or September. He has started investigating how to bring PCFS on-line and track the inputs, forecasts and future data collections and store everything in one centralized database and possibly have an analytics module that can track the forecasting inputs and future pavement collections and see just how close they are in the forecasting. This will be a secure on-line application under MiLogin. E. Costa spoke with Kyle Nelson, at MDOT, to discuss how to get this into the IT Call for Projects. K. Nelson sent him the application for next year as this year's deadline has passed. E. Costa has completed a high-level proposal for the Council that he has asked R. Belknap to share with the Council. If anyone has any suggestion's they can forward those to E. Costa.

The investment strategies at this time is on hold due to the issue with COVID-19. There will probably be another month or two that they can get a handle on the impacts of COVID-19 and what their revenue will be on the federal and state side moving forward.

4.3. – TAMC Glossary – C. Granger

The glossary is still being developed and CSS plans to have it out in UAT in August 2020. C. Granger has reached out the staff regarding the new website conversions that are being planned to see how this may possibly affect the glossary development.

4.4. – Traffic Signal Inventory Status Update – T. Colling

The traffic signal inventory is almost completed. MTU has one or two small areas they are waiting on for information. They are going to try to run the model statewide once it is migrated and get an estimate of all traffic signals in the state. They are using crash data as one of their sources to find signals and find this method is better to get information quicker and more accurately. They feel they will be able to get 88-95% of all traffic signals.

4.5. – Culvert Activities Status Update – T. Colling

T. Colling reported that MTU has received the culvert survey results that they recently sent out to the 2018 culvert pilot project participants and this information will be discussed at the next Bridge Committee meeting on July 23, 2020. They will also discuss plans to create a culvert data collection policy. MTU is using the TAMC culvert pilot project data, local, DNR and EGLE (using stream crossing survey) culvert data where they interface to identify and match up culverts. They will be finishing up the flow chart showing this information. CSS is working on combining the data sets. MTU is talking with Michigan State University and doing some case studies with the Huron Pines organization and other agencies to see how they are using culvert data and what culvert date is useful for them. They are also looking at the rating systems with MDOT and local agencies to come up with a good, fair, poor rating system. They have a lot of work to do on the rating system before it is completed.

4.6. – Website/Dashboard/IRT Updates – C. Granger

4.6.1. – State of Michigan Website Conversion

The E-Michigan Team is converting to a new website. CSS will contact them to find out when their application will get linked to the new conversion.

4.6.2. – State Transportation Improvement (STIP) Integration with the IRT

The STIP integration with the IRT is in the UAT phase with CSS staff and is expected to be released soon. C. Granger will also do testing with TAMC support staff and if it passes TAMC criteria, CSS will then send it to production. All of the projects in the STIP are federal aid funded. For non-federal aid projects, the agencies must populate them through the IRT. At the local level, due to the use of local funding, there are a lot more non-federal aid projects.

4.6.3. – Non-Federal Aid and Locally Funded Projects in the IRT

CSS will place all of the projects from the IRT, MDOT system, and Roadsoft in one location. The Data Committee feels support staff should work through the MPOs and RPOs to retrieve as much planned project information as possible and export it into the IRT. It will be good to have federal aid and on federal aid projects in one location. It was also suggested that the projects in the IRT be placed in the STIP and do an outreach for planned projects to the top 123 agencies. It was also discussed to possibly send a message to the MPOs and RPOs reminding them as part of their IRT requirements, they must put planned projects into the IRT. TAMC can provide names of the agencies that have sent in their information. TAMC is interested in significant projects, not small projects such as, CPM's. If agencies have not been placing their projects in the IRT, they are not in compliance.

4.6.4. – Status Update of IRT Bridge Data Clean-up and Outreach – J. Esparza/D. Jennett

TAMC support staff sent out emails regarding reported bridge data in the IRT and received responses from three of the agencies. Support staff then sent out a reminder to the other few agencies and included additional contacts to assure they were being sent to the appropriate people and received one more response. They are currently waiting on approximately four more agencies to respond. J. Esparza suggested that support staff call the remaining agencies to get the needed information. The Data Committee agreed that staff should just call the remaining agencies in order to complete the needed update.

Action Item: Data Committee would like to see the results and responses sent to support staff at the next Data Committee meeting on August 19, 2020.

4.7. – Status of Data Committee Priorities in the TAMC Work Program and the June 2020 TAMC Strategic Planning Session – R. Belknap (Memo and Attachment 3)

The 2020-2022 work program will be created at the September 2020 TAMC Strategic Planning Session. R. Belknap provided an updated work program with status updates of tasks specific to Data Committee. Specific types of outreach and asset management guidance that TAMC may suggest for the smaller and medium sized entities is to continue placing planned projects in one location in the IRT. Other suggestions were to do a state of practice review to show what upcoming technologies are at and how they will be potentially used. Another suggestion was to look at other data collection efforts and see if they are reliable and how they would fit in with the current historic data. The first objective in the work program for the Data Committee was to update the framework map and the IRT, which has been completed. However, for the ADARS Program, which will be updated over the next couple of years, it will be important to keep open the possibility that additional changes may need to be made to assure ADARS and the IRT continue to work well together. The MDOT ACT-51 Team will keep support staff updated on the progress of the ADARS system

update. R. Belknap stated the Data Committee may want to look at new technologies such as Right-of-Way imagery. T. Colling stated some of the new technologies he is aware of are monetizing of sensor data off of cars (which the automotive industry is using as an income source), crowd sourced data, and low-cost roughness evaluations. Having the Council look into some of the new technologies will help reaffirm that the Council is keeping up with new technologies. TAMC could take a look at how this data is collected, check to see if the methods are reliable, and how it will fit in with TAMC historic data and how TAMC could use this in the forecasting. R. Belknap would like the Data Committee members to go through the goals and objectives listed and verify what he has as their status and let him know if they have additional items to add to the session agenda.

Action Item: T. Colling will do a write up of a description of what the task would be to look at new technologies and provide that at the next Data Committee Meeting in August.

4.8. – Conversation About Tracking Reactionary Projects – R. Belknap/B. McEntee

This is just to update the Committee that at the last Bridge Committee meeting it was discussed that a significant amount of resources and effort are being spent by agencies to handle issues such as flooding, shoreline great lake erosions, the Midland dam failure, etc. Agencies might be interested in other agencies responses and this may affect their asset management plans. This would be a good subject for a training session or conference presentation. From the last directive from the full Council meeting, support is looking at conducting a virtual conference and this may be a potential presentation. R. Slattery suggests TAMC support staff contact the Michigan Municipal League regarding how they are planning on conducting their virtual convention.

5. Public Comments:

None

6. Member Comments:

None

7. Adjournment:

R. Slattery made a motion to adjourn; J. Tubbs seconded the motion. The motion was approved by all members present. The meeting adjourned at 2:30 p.m. The next TAMC Data Committee meeting is scheduled for August 19, 2020, at 1:00 p.m., via Microsoft Teams Meeting.

TAMC FREQUENTLY USED ACRONYMS:	
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
ACE	ADMINISTRATION, COMMUNICATION, AND EDUCATION (TAMC COMMITTEE)
ACT-51	PUBLIC ACT 51 OF 1951-DEFINITION: A CLASSIFICATION SYTEM DESIGNED TO DISTRIBUTE MICHIGAN’S ACT 51 FUNDS. A ROADWAY MUST BE CLASSIFIED ON THE ACT 51 LIST TO RECEIVE STATE MONEY.
ADA	AMERICANS WITH DISABILITIES ACT
ADARS	ACT 51 DISTRIBUTION AND REPORTING SYSTEM
BTP	BUREAU OF TRANSPORTATION PLANNING (MDOT)
CFM	COUNCIL ON FUTURE MOBILITY
CPM	CAPITAL PREVENTATIVE MAINTENANCE
CRA	COUNTY ROAD ASSOCIATION (OF MICHIGAN)
CSD	CONTRACT SERVICES DIVISION (MDOT)
CSS	CENTER FOR SHARED SOLUTIONS
DI	DISTRESS INDEX
ESC	EXTENDED SERVICE CONTRACT
FAST	FIXING AMERICA’S SURFACE TRANSPORTATION ACT

FHWA	FEDERAL HIGHWAY ADMINISTRATION
FOD	FINANCIAL OPERATIONS DIVISION (MDOT)
FY	FISCAL YEAR
GLS REGION V	GENESEE-LAPEER-SHIAWASSEE REGION V PLANNING AND DEVELOPMENT COMMISSION
GVMC	GRAND VALLEY METRO COUNCIL
HPMS	HIGHWAY PERFORMANCE MONITORING SYSTEM
IBR	INVENTORY BASED RATING
IRI	INTERNATIONAL ROUGHNESS INDEX
IRT	INVESTMENT REPORTING TOOL
KATS	KALAMAZOO AREA TRANSPORTATION STUDY
KCRC	KENT COUNTY ROAD COMMISSION
LDC	LAPTOP DATA COLLECTORS
LTAP	LOCAL TECHNICAL ASSISTANCE PROGRAM
MAC	MICHIGAN ASSOCIATION OF COUNTIES
MAP-21	MOVING AHEAD FOR PROGRESS IN THE 21 ST CENTURY (ACT)
MAR	MICHIGAN ASSOCIATION OF REGIONS
MDOT	MICHIGAN DEPARTMENT OF TRANSPORTATION
MDTMB	MICHIGAN DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
MIC	MICHIGAN INFRASTRUCTURE COMMISSION
MITA	MICHIGAN INFRASTRUCTURE AND TRANSPORTATION ASSOCIATION
MML	MICHIGAN MUNICIPAL LEAGUE
MPO	METROPOLITAN PLANNING ORGANIZATION
MTA	MICHIGAN TOWNSHIPS ASSOCIATION
MTF	MICHIGAN TRANSPORTATION FUNDS
MTPA	MICHIGAN TRANSPORTATION PLANNING ASSOCIATION
MTU	MICHIGAN TECHNOLOGICAL UNIVERSITY
NBI	NATIONAL BRIDGE INVENTORY
NBIS	NATIONAL BRIDGE INSPECTION STANDARDS
NFA	NON-FEDERAL AID
NFC	NATIONAL FUNCTIONAL CLASSIFICATION
NHS	NATIONAL HIGHWAY SYSTEM
PASER	PAVEMENT SURFACE EVALUATION AND RATING
PNFA	PAVED NON-FEDERAL AID
PWA	PUBLIC WORKS ASSOCIATION
QA/QC	QUALITY ASSURANCE/QUALITY CONTROL
RBI	ROAD BASED INVENTORY
RCKC	ROAD COMMISSION OF KALAMAZOO COUNTY
ROW	RIGHT-OF-WAY
RPA	REGIONAL PLANNING AGENCY
RPO	REGIONAL PLANNING ORGANIZATION
SEMCOG	SOUTHEAST MICHIGAN COUNCIL OF GOVERNMENTS
STC	STATE TRANSPORTATION COMMISSION
STP	STATE TRANSPORTATION PROGRAM
TAMC	TRANSPORTATION ASSET MANAGEMENT COUNCIL
TAMCSD	TRANSPORTATION ASSET MANAGEMENT COUNCIL SUPPORT DIVISION
TAMP	TRANSPORTATION ASSET MANAGEMENT PLAN
TPM	TRANSPORTATION PERFORMANCE MEASURES
UWP	UNIFIED WORK PROGRAM

S:/GLORIASTRONG/TAMC FREQUENTLY USED ACRONYMS.08.22.2019.GMS