

Asset Management Trainings

According to Public Act (PA) 325 of 2018, asset management is “an ongoing process of maintaining, preserving, upgrading, and operating physical assets cost effectively, based on a continuous physical inventory and condition assessment and investment to achieve established performance goals”. To care for Michigan’s road, bridge, culvert, and traffic signal assets in the most effective and efficient manner, PA 325 requires local agencies with 100 or more certified lane miles to develop an asset management plan that summarizes asset inventory and conditions, performance goals, revenues and expenses, risk of failure, and coordination efforts with other entities or asset owners. This core “compliance plan” should include supporting data, which may consist of asset-specific asset management plans. Local agency staff and their consultants can take advantage of trainings offered through the Michigan LTAP.

Registration*†

Fee: See information on the right
Register at ctt.mtu.edu/training or by selecting the specific event on the right
Questions? E-mail ctt@mtu.edu.

* Required for fulfillment of continuing education. The Center for Technology & Training’s (CTT) continuing education policy is available at ctt.mtu.edu/ContinuingEducation.

No-shows and cancellations within three business days of the session will be charged the full registration fee. Substitutions will be accepted.†

† The CTT is committed to providing attendees with a healthy, safe learning environment. As such, the CTT is making adjustments to event capacities and food and beverage services. In the event that current guidelines would suggest forgoing on-site events due to COVID-19, the CTT reserves the right to cancel the on-site session and replace it with an equivalent webinar-based event on or around the same date(s). The CTT will make every effort to provide sufficient notice of event changes to attendees. All attendees at on-site sessions will be expected to adhere to the social-distancing and face-mask guidelines of the venue as well as any additional guidelines put forth by the CTT prior to the event.

Compliance Plan Training Webinar

This webinar will help local agency personnel and/or their consultants to produce a “compliance plan”—a transportation asset management plan that contains information required to comply with PA325. Participants will learn how to use a Word document template of the compliance plan and the tools to merge their data into the template. Appendixes containing supporting detail about the compliance plan information will be covered in the bridge and pavement trainings, listed in sections below.

2020 Webinars (no fee):

April 16 – 9:00-10:30 a.m. June 24 – 2:00-3:30 p.m.
September 1 – 9:00-10:30 a.m.

Bridge Asset Management Training Webinar & Workshop Series

This series consists of two webinars that overview basic and advanced principles of bridge asset management. A hands-on workshop guides agency staff and/or their consultants who manage local agency bridges in turning their inventory and condition data (i.e., data stored in MiBridge and inspection recommendations) and cost estimates into a bridge asset management plan. Participants will learn how a bridge-specific transportation asset management plan can benefit their agency and can serve as an appendix in the compliance plan. [More information...](#)

2020 Webinars Parts 1 & 2 (\$10 each):

1: February 11 – 10 a.m.-12 noon OR April 14 – 1:00-3:00 p.m.
2: February 13 – 10 a.m.-12 noon OR April 16 – 1:00-3:00 p.m.

2020 Workshops (\$30):

Baraga: February 19 Remote Workshop: April 21-24
Lakeside Inn 8:00-10:00 a.m.
900 US Hwy 41 | 49908

Remote Workshop: August 24, 26-28 – 8:00 – 10:00 a.m.
8:00- 8:30 Intro/Topic-specific Demos TOPICS: Aug 24 – Intro
8:30-10:00 Group Work Session/Q&A Aug 26 – Data Workbook
Held in Adobe Connect and/or Zoom. Aug 27 – Budget Workbook
Details will be sent via e-mail before event. Aug 28 – Word Document

Pavement Asset Management Plan Training

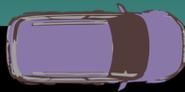
This hands-on workshop guides local agency staff and/or consultants who manage local agency pavement assets in turning their inventory and condition data (i.e., data stored in Roadsoft) and cost estimates into a pavement asset management plan. Participants will learn how a pavement-specific transportation asset management plan can benefit their agency and can serve as an appendix in the compliance plan. [More information...](#)

2020 Webinar (\$20) & Workshop:

Webinar: May 19 Remote Workshop: June 1-5

2020 Workshops (\$30):

Remote Workshop: August 25 Held in Adobe Connect and/or Zoom. Details will be sent via e-mail before event.
9:00-12:00 Lecture
1:00- 2:30 Group Work Session/Q&A



Bridge Asset Management Training Webinar & Workshop Series

Bridges are important transportation assets, traversing rivers and valleys to create connections—sometime vital connections—in the road network. Using the principles of asset managements, these costly structures can be managed and maintained efficiently and effectively. Local agency personnel who manage bridge assets and/or their consultants can get strategies and tools for managing bridge assets in this training.

This training begins with two webinars: The first webinar introduces participants to bridge asset management and addresses both the evaluation of bridge condition and its related needs and maintenance operations. The second webinar covers cost estimating and optimization of bridge preservation actions. Participants will learn how these knowledge areas come together in a bridge asset management plan.

Then, the hands-on workshop portion of the training provides participants with templates and guides them in customizing the templates with agency-specific asset information. Participants will walk away with the tools to complete their own, unique asset management plan. Local agency personnel who manage and maintain bridges and their consults will benefit from this training.

On-site Workshop Agenda**

8:30 a.m.: Sign-in& continental breakfast

9:00 a.m.: Workshop sessions

Lunch (provided)

2:00 p.m.: Adjourn

Remote Workshop Agenda

[See event listing on page 1](#)

***Participants should bring their own laptop and their bridge asset data (e.g., data about replacement, rehabilitation, preventive maintenance, scheduled maintenance, inspection follow-up items and budgetary cost estimates) to the class. More detail will be sent once registration is complete.*

Instructors

Chris Gilbertson, PhD, PE, is the associate director of the Center for Technology & Training (CTT) at Michigan Technological University. His efforts are focused on the bridge programs, which offer technical assistance to local agencies and their consultants on load ratings and bridge asset management. He is also involved in bridge design support and science/technology/engineering/mathematics (STEM) outreach to K-through-12 students.

Victoria Sage, MS, is a technical writer at the CTT, where she writes, edits and reviews, and designs technical documentation and marketing materials for the Michigan Local Technical Assistance Program. She has extensive professional experience in technical and outreach communication and has taught courses in Composition and Journalism.

Pavement Asset Management Plan Training Workshop

Managing pavement assets is about choosing the best-quality, most cost-effective solutions directed at the right place at the right time. To preserve the integrity of our pavement assets, data alone is not enough: being proactive by having an asset management plan in place for maintenance and corrective solutions helps agencies to realize their asset management goals. Local agency personnel who make asset management decisions and/or their consultants can receive guidance and tools for proactively managing their pavement assets in this training.

This training is a hands-on workshop that provides participants with templates and guides them in customizing the templates with agency-specific asset information. Throughout the workshop, instructors and participants will discuss strategies for managing pavement assets and setting management goals. Participants will walk away with a draft of their own, unique asset management plan or the tools to complete the plan that they started during the workshop.

On-site Workshop Agenda***

7:30 a.m.: Sign-in & continental breakfast

8:00 a.m.: Workshop sessions

Lunch (provided)

4:30 p.m.: Adjourn

Remote Workshop Agenda

[See event listing on page 1](#)

****Participants should have sufficient project reporting and condition rating data (approximately three to five years) and Roadsoft experience to export this data. Participants are required to complete Roadsoft exports prior to the workshop and to bring their own laptop to the workshop. Instructions will be sent once registration is complete.*

Instructors

Tim Colling, PhD, PE, is the Director of the Center for Technology & Training (CTT). Prior to joining the CTT in 2002, he was a civil engineering consultant. Colling's expertise and focus is asset management and asset management systems. Colling is a graduate of Michigan Technological University and is a licensed professional engineer in both Michigan and Wisconsin.

Andrew Manty, PE, is a research engineer for the CTT, which he joined in 2017. Previously, Manty worked for the Wisconsin Department of Transportation as an area maintenance engineer and for Norfolk Southern Railroad as an engineering associate. He has a Bachelor of Science in Civil Engineering from Michigan Technological University and is a licensed professional engineer in both Michigan and Wisconsin.

CTT Technical Writing Staff

Also see [PA 325 Overview & TAMC Resources Webinar](#) & [Compliance Plan Training Webinar](#)

Visit ctt.mtu.edu/training for more opportunities