



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 ►

Questions? E-mail ctt@mtu.edu.

* Required for fulfillment of continuing education (Center for Technology & Training policy: ctt.mtu.edu/ContinuingEducation). No-shows/cancellations within three business days of the event are charged the full registration fee; substitutions accepted. Accommodation requests related to a disability should be made by ten business days prior to the event to ctt@mtu.edu. Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer that provides equal opportunity for all, including protected veterans and individuals with disabilities.

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.

2021 Webinar (\$10; choose one):

June 1 – 9:00-11:00 a.m. ET September 1 – 9:00-11:00 a.m. ET

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...](#)

2021 Webinars (\$10 each; choose one 1 & one 2):

- 1: May 4 – 1:00-3:00 p.m. OR August 31 – 10:00 a.m. - 12:00 noon
- 2: May 6 – 1:00-3:00 p.m. OR September 2 – 10:00 a.m.-12:00 noon

2021 Workshops (\$30; choose one):

May 11, 12, 18 & 19 – 9:00-11:00 a.m. ET – Virtual
(registration deadline: May 5)

Sessions 1: 11th; 2: 12th; 3: 18th; 4: 19th

September 8 & 15 – 8:00-10:30 a.m. ET – Virtual
(registration deadline: September 1)

September 8 - Session 1, 2, 3 (part) | September 15 - Session 3 & 4

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...](#)

2021 Training (virtual webinar & working sessions \$10 or on-site workshop \$30, choose one):

May 13 & 20-21 (registration deadline: May 7)

Webinar: May 13 – 9:00-11:30 a.m. ET

Working Sessions: May 20-21 – 1:00-3:00 p.m. ET – Virtual

September 7, 9-10 (registration deadline: August 31)

Webinar: September 7 – 9:00-11:30 a.m. ET

Follow-up & Help Session: September 9-10 – 9:00-11:00 a.m. ET – Virtual

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 will benefit from this training by getting strategies and tools for managing bridge assets.

This training begins with two webinars that introduce participants to bridge asset management principles, condition, maintenance, and optimal preservation actions and related cost estimates. Participants will learn how these knowledge areas come together in a bridge asset management plan. Then, the hands-on workshop 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.

Webinar 1 Agenda

Intro to Bridge Asset Management
Bridge Condition—Evaluating &
Assessing Needs
Available Maintenance Operations

Webinar 2 Agenda

Cost Estimating
Optimizing Bridge
Preservation Actions

Workshop Agenda (offered in both virtual [see session number in parentheses] and on-site formats)

Introduction, Orientation to the Word Template (session 1)
Using the Bridge AMP Data Workbook (session 1 & 2)
Creating a Temporary Custom Template (session 1)
Using the Bridge AMP Budget Workbook (session 2 & 3)
Appendixes (session 3)
Creating a Finalized Custom Template (session 3)
Q&A (session 4)

NOTE: Participants need their bridge asset data (e.g., data about replacement, rehabilitation, preventive maintenance, scheduled maintenance, inspection follow-up items and budgetary cost estimates) to complete their plan. Virtual events held in Zoom include a mailed hard-copy workbook/binder. More detail provided after registration. For on-site events, participants should bring their own laptop.

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 provides participants with templates and guides them in customizing the templates with agency-specific asset information. Throughout the training, 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 template and the tools to complete their plan.

Webinar Agenda

Plan Overview & Legislation
Template Mechanics
Intent of Report Sections
Hands-on Exercises
Closing Thoughts

Working Session Agenda

Open Q&A
One-on-one Guidance Opportunity

NOTE: Participants should have sufficient project reporting and condition rating data (approximately three to five years) and Roadsoft experience to export this data, and must complete Roadsoft exports prior to the training. Virtual events held in Zoom include a mailed hard-copy workbook/binder. More detail provided after registration. For on-site events, participants should bring their own laptop.

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 [Compliance Plan Training Webinar](#)

Visit ctt.mtu.edu/training for more opportunities