



# Culvert Asset Management Training



Under Michigan's local-agency-owned roads are hundreds of thousands of culverts and other drainage infrastructure. Many of these assets are decades old and may be in need of maintenance or replacement to avoid a failure that would affect the road above. With the right knowledge and skills, culverts can be fully inventoried and evaluated, generating a picture of the impact that potential failures may have

on the public and the expenditures required to repair or upgrade culverts. These two culvert asset management training webinars equip local agencies and their consultants with the knowledge and skills for collecting and evaluating culvert inventory and condition data in a consistent manner.

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## Culvert Data Collection using Roadsoft Webinar

This webinar is a visual walk-through of the Roadsoft software's Culvert module. It will explain the processes that are needed to collect each piece of inventory and condition data, and it will cover data management and reporting methods.

## Culvert Condition Evaluation Webinar

This webinar discusses the basic inventory data categories for managing culvert assets most effectively and efficiently. It also details a standardized method for collecting inventory and condition data. It will explain standardized classifications of culvert characteristics and categories of condition assessment.

## Registration\*

Fee: \$10

Register by selecting date, below, or at <http://ctt.mtu.edu/training>

Questions? E-mail [ctt@mtu.edu](mailto:ctt@mtu.edu).

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### Culvert Data Collection using Roadsoft

[March 31](#) – 1:00-3:00 p.m.

[September 17](#) – 1:00 - 3:00 p.m.

### Culvert Condition Evaluation

[April 7](#) – 1:00-3:00 p.m.

[April 9](#) – 1:00 - 3:00 p.m.

[September 24](#) – 1:00 - 3:00 p.m.

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\*Required for fulfillment of continuing education. The Center for Technology & Training's continuing education policy is available at [ctt.mtu.edu/ContinuingEducation](http://ctt.mtu.edu/ContinuingEducation).

No-shows or cancellations within three business days will be charged the full registration fee. Substitutions will be accepted.



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## Presenters

**Tim Colling, PhD, PE**, is the director of the Center for Technology & Training (CTT) at Michigan Technological University. He has been with the CTT since 2002. His expertise and focus is in 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.

**Chris “CG” Gilbertson, PhD, PE**, is the associate director of the CTT, where he also serves as a senior research engineer. His efforts are focused on the Bridge Load Rating Program, the Bridge Asset Management Training Program, MDOT’s Bridge Design System, and the Culvert Inventory & Inspection Program. Gilbertson earned his doctorate from Michigan Technological University and is a licensed professional engineer in Michigan and California.

**Mary Crane** is a senior software engineer who has been with the CTT since 2006. She has worked in computer programming since 1988. Her foci have been the Safety Module and the TAMC reporting processes. She also provides technical support, helps conduct Roadsoft trainings, and does technical support for the AASHTOWare BrR Bridge Load Rating software. Crane has a Bachelor of Science in Computer Science from Michigan Technological University.

**Scott Bershing** is a technical writer with the CTT’s software development team, which produces Roadsoft and the Michigan Engineers’ Resource Library (MERL). Bershing joined the CTT in 2017, bringing with him over 23 years of experience. He previously worked for the Tribal Technical Assistance Program as well as the Local Technical Assistance Program. Bershing holds a Bachelor of Science in Scientific and Technical Communication from Michigan Technological University.

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