### Agenda – Day 1

**County Engineers’ Workshop (CEW)** brings together engineering consultants, engineers, public agencies, and CRA Associate Members to address issues that most concern county roads.

**Registration**


- Per attendee: $215
- Visa and MasterCard are accepted.
- The registration fee includes access to all technical sessions, materials and handouts, and meals and break refreshments as listed on the agenda; it does not include accommodations. Please notify us in advance if you have special dietary needs.

**Cancellation policy:** No-shows or cancellations within three business days prior to the conference will be charged the full registration fee. Substitutions will be accepted.

Questions? E-mail ctt@mtu.edu.

*Required for fulfillment of continuing education. The 2019 CEW counts for 15 hours of continuing education for professional engineers. The Center for Technology & Training’s continuing education policy is available at [ctt.mtu.edu/ContinuingEducation](http://ctt.mtu.edu/ContinuingEducation).*

### Accommodations

Rooms at the Kewadin Resort are available at a reduced per-night rate of $75 for single or double, and an additional $10 per person for each additional person in the room (plus tax). To reserve:

**Individuals:** Call 906-632-0530 or book online and mention "12504".

**Groups:** Fill out and mail/fax this form. The deadline for the reduced rate is January 4.

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<tr>
<th>TIME</th>
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<tr>
<td>7:00</td>
<td>Registration &amp; Hot Breakfast Buffet</td>
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| 8:00  | Welcome, Introductions, & Pledge of Allegiance  
Joanna Johnson—Road Commission of Kalamazoo County |
| 8:15  | TAMC’s New Role with the MIC  
Joanna Johnson—Road Commission of Kalamazoo County |
| 9:00  | Local Agency Pavement Warranty Program Panel Discussion  
Dave Pettersen—Gladwin County Road Commission  
Steve Puuri, PE—County Road Association of Michigan & Michigan Municipal League  
Lance Malburg, PE—Dickinson County Road Commission  
Wayne Harrall, PE—Kent County Road Commission |
| 9:45  | Break |
| 10:00 | Traffic Counting Equipment, Setup, and Best Practices  
Frank Benavidez—Michigan Department of Transportation  
Edward Potter—Michigan Department of Transportation |
| 10:45 | Engineering the Perfect Deposition  
Bill Henn, JD—Henn Lesperance PLC  
Burt Thompson, PE—Antrim County Road Commission |
| 11:30 | Lunch |
| 12:30 | A Case Study in Public Engineer Liability: “Water You Doing?”  
Bill Henn, JD—Henn Lesperance PLC |
| 1:15  | Pavement Preservation and Fog Seals—Harrison County, Indiana  
Kevin Russel, PE—Harrison County Highway Department |
| 2:00  | Break |
| 2:15  | Soil Erosion and Sedimentation Control Best Practices  
Mitch Koetje—Michigan Department of Environmental Quality |
| 3:00  | MDOT Local Agency Program Update  
Tracie Leix, PE—Michigan Department of Transportation  
Bruce Kadzbans, PE—Michigan Department of Transportation  
Kelly Crannell, PE—Michigan Department of Transportation |
| 4:00  | Recess |
| 4:30  | Social Hour |
| 5:30  | Dinner |
| 6:30  | Sub-committee Reports of the Engineering Committee  
Bob Lindbeck, PE—County Road Association of Michigan |
| 7:30  | Awards Presentation |
| 8:00  | Adjourn |
In 2018, a catastrophic rain event caused severe damage to Houghton County Roads. Kevin Harju will present on the recovery effort and what can be expected when working with other agencies.

Agenda – Day 2

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| 8:00  | Roscommon County Ultrathin Overlay Case Studies  
Tim O’Rourke—Roscommon County Road Commission |
| 8:45  | “Best-First”: A 20-year Case Study in Aggressive CPM Treatments (...or Are You a Chicken?)  
Bradley Lamberg, PE—Barry County Road Commission |
| 9:30  | Break |
| 9:45  | Using Drones on Local Agency Projects  
Joe Campbell, PE—Federal Highway Administration |
| 10:30 | Jackson County DOT Cold-in-place Recycling Program and First Year Review  
Christopher Bolt, PE—Jackson County Department of Transportation  
Angela Kline, PE—Jackson County Department of Transportation |
| 11:15 | Lunch |
| 12:15 | Cold in Place Panel Discussion  
Brian Gutowski, PE—Emmet County Road Commission  
Terry Palmer, PE—Midland County Road Commission  
Cory Wale, PE—Bay County Road Commission  
TBD – Jackson County DOT |
| 1:00  | Working with Other Agencies: Houghton County Flood Recovery  
Kevin Harju, PE—Houghton County Road Commission |
| 1:45  | Break |
| 2:00  | Clare Ave Experimental Project and Chip Seal Experiences  
Deepak Gupta, PE—Clare County Road Commission |
| 2:30  | Documenting NEPA Activities on Local Agency Federal-aid Projects  
Tracie Leix, PE—Michigan Department of Transportation  
Mark Harrison, PE—Michigan Department of Transportation  
Lynnette M. Firman, PE—Michigan Department of Transportation - Local Agency Programs  
Eric Costa—Michigan Department of Transportation–Local Agency Program |
| 3:30  | Recess |
| 4:30  | Social Hour |
| 5:30  | Dinner |
| 6:30  | Drone Demonstration (DreamMakers Event Center) |
# Agenda – Day 3

## Program Updates

**Thursday, February 7, 2019**

<table>
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<tr>
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<tr>
<td>7:00</td>
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</tbody>
</table>
| 8:00 | FHWA Update  
Kurt Zachary, PE—Federal Highway Administration |
| 8:30 | MDEQ Update  
James Watling, PE—Michigan Department of Environmental Quality Water Resources Division |
| 9:00 | NACE Update  
Wayne Schoonover, PE—Grand Traverse County Road Commission |
| 9:10 | CRA of Michigan Update  
Steve Puuri, PE—County Road Association of Michigan & Michigan Municipal League |
| 9:40 | LTAP Update  
Pete Torola, PE—Center for Technology & Training |
| 9:50 | Closing Announcements & Adjourn |

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## CRA Conference Coordinators

Co-chair – **Joe Wisniewski**, Saginaw  
Co-chair – **Lance Malburg**, Dickinson

Vice Chair – **Brad Dahlstrom**, Roscommon

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## CRA Engineering Committee

Chair – **Robert L. Lindbeck**, Alger  
Vice Chair – **Craig Atwood**, Allegan  
Daniel R. Armentrout, Clinton  
Thomas Blust, Oakland  
Karl F. Hanson, Wexford  
William Hazleton, St. Clair  
Angela Kline, Jackson  
Brett Laughlin, Ottawa  
Lance Malburg, Dickinson  
Tim O’Rourke, Roscommon  
Brent Shank, Cheboygan  
Matthew Hannahs, Eaton

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If you are interested in becoming a CRA Associate Member, visit the Michigan CRA website at [micountyroads.org/Doing-Business](http://micountyroads.org/Doing-Business)