CEW 2018
County Engineers’ Workshop

Agenda – Day 1

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
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<tbody>
<tr>
<td>7:00</td>
<td>Registration &amp; Hot Breakfast Buffet</td>
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<tr>
<td>8:00</td>
<td>Opening Remarks</td>
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<tr>
<td>8:15</td>
<td>Local Pavement Warranty Program</td>
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<td>9:00</td>
<td>Communication Apps for Local Agencies</td>
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<tr>
<td>9:45</td>
<td>Break</td>
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<tr>
<td>10:00</td>
<td>Geospatial Utility Infrastructure Data Exchange (GUIDE)</td>
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<tr>
<td>10:45</td>
<td>Using AVL and MDSS to Reduce Salt Usage</td>
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<tr>
<td>11:30</td>
<td>Lunch</td>
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<tr>
<td>12:30</td>
<td>Connected Work Zone Project on I-75</td>
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<tr>
<td>1:15</td>
<td>FAST-TRAC and Other Innovations at the Road Commission for Oakland County</td>
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<tr>
<td>2:00</td>
<td>Break</td>
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<tr>
<td>2:15</td>
<td>Facility Marking Challenges</td>
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<td>3:00</td>
<td>Professional Liability for Engineers</td>
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<tr>
<td>3:45</td>
<td>Adjourn</td>
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<tr>
<td>4:30</td>
<td>Social Hour</td>
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<tr>
<td>5:30</td>
<td>Dinner</td>
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<tr>
<td>6:30</td>
<td>Awards Presentation</td>
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<tr>
<td>7:30</td>
<td>Adjourn</td>
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CEW is a workshop open to engineering consultants, engineers, public agencies, and CRA Associate Members.

**Cost & Registration**

$215.00 — includes all sessions, workshop materials, break refreshments, and all meals listed on the agenda. The cost does not include accommodations.

Register at [ctt.nonprofitsoapbox.com/2018cew](http://ctt.nonprofitsoapbox.com/2018cew) or call the Center for Technology & Training at 906-487-2102 by February 12, 2018. Please tell us if you have special dietary needs.

No-shows or cancellations within three business days prior to the event will not receive refunds. Substitutions will be accepted.

The 2018 County Engineers’ Workshop counts for 15 hours for Continuing Education for Professional Engineers. See the CTT’s policy for Continuing Education for Professional Engineers [here](#).

**Accommodations**

Rooms at the Shanty Creek Resort are available at rate of $97/night (plus tax) for guest rooms, and $117/night for studio parlors and one bedroom suites. To make a reservation:

Individuals and groups call 866-695-5010 and mention the 2018 County Engineers’ Workshop, or book your room [online](#).

*The deadline for the reduced rate is January 8.*
Agenda – Day 2

In 2016, a state of emergency was declared in Gogebic County when storms caused flash flooding and washed out multiple roads. Darren Pionk will be presenting on the county’s emergency aid relief preparedness.

**General Session**
Wednesday, February 14

<table>
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<tr>
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<tbody>
<tr>
<td>7:00</td>
<td>Hot Breakfast Buffet</td>
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<tr>
<td>7:55</td>
<td>Welcome, Introductions, and Pledge of Allegiance</td>
</tr>
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</table>
| 8:00 | Emergency Aid Relief Preparedness at Gogebic County Road Commission  
Darren Pionk—Gogebic County Road Commission |
| 8:45 | Autonomous/Connected Vehicles and Their Impact on Local Roads  
Kirk Steudle—Michigan Department of Transportation |
| 9:30 | Break |
| 9:45 | Keeping Current with Environmental Clearance for Categorical Exclusions  
Tracie Leix—Michigan Department of Transportation  
Margaret Barondess—Michigan Department of Transportation  
Matt Ihnken—U.S. Fish & Wildlife Service |
| 10:30 | Federal-aid Compliance & Oversight Consistency  
Kelly Crannell, PE—Michigan Department of Transportation |
| 11:15 | Lunch |
| 12:15 | Rejuvenation Technology for Use in Highly Recycled HMA Production & Pavement Preservation  
Dan Swiertz—H.G. Meigs  
Hassan Tabatabaee—Cargill |
| 1:15 | Presenting an Annual Road Commission Plan  
Bob Lindbeck—Alger County Road Commission |
| 1:45 | Break |
| 2:00 | Saving Time with Steel Tub Girders in St. Clair County  
Bill Hazelton—St. Clair County Road Commission  
Dewayne Rogers—St. Clair County Road Commission  
Guy Nelson—TEGcivil |
| 2:45 | Void-reducing Asphalt Membrane Case Studies  
Marvin Exline—Heritage Research Group/Asphalt Materials, Inc. |
| 3:30 | Adjourn |
| 4:00 | Social Hour |
| 5:00 | Dinner |
| 6:00 | Subcommittee Reports  
Bob Lindbeck—County Road Association of Michigan |
| 6:30 | Adjourn |
| 8:00 | Tubing (free from 8-9 pm) and skiing ($10 lift ticket, $30 equipment rental)—on your own |
TIME | EVENT
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7:00 | Hot Breakfast Buffet
7:55 | Welcome, Introductions, and Pledge of Allegiance
8:00 | FHWA Update
    | Kurt Zachary—Federal Highway Administration
8:30 | MDOT Local Agency Program Update
    | Tracie Leix—Michigan Department of Transportation
    | Bruce Kadzban—Michigan Department of Transportation
9:00 | MDEQ Update
    | James Watling—Michigan Department of Environmental Quality
9:45 | MITA Update
    | Rachelle VanDeventer—Michigan Infrastructure & Transportation Association
10:00 | NACE Update
    | Wayne Schoonover—Mason County Road Commission
10:10 | CRA of Michigan Update
    | Steve Puuri—County Road Association of Michigan
10:40 | LTAP Update
    | Pete Torola—Center for Technology & Training
10:50 | Closing Announcements & Adjourn

**CEW is hosted by**

**CRA Conference Coordinators**
Chair – Joe Wisniewski, Saginaw
Vice Chair – Alicia Krouth, Chippewa

**CRA Engineering Committee**
Chair – Robert L. Lindbeck, Alger
Vice Chair – Mark A. Craft, Gratiot
Daniel R. Armentrout, Clinton
Craig Atwood, Allegan
Thomas Blust, Oakland
Corey Clevenger, Jackson/Calhoun

Karl F. Hanson, Wexford
William Hazelton, St. Clair
Angela Kline, Calhoun
Lance Malburg, Dickinson
Tim O’Rourke, Roscommon
Brent Shank, Cheboygan

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)