

48th Annual

MICHIGAN

# CEW 2014

County Engineers' Workshop

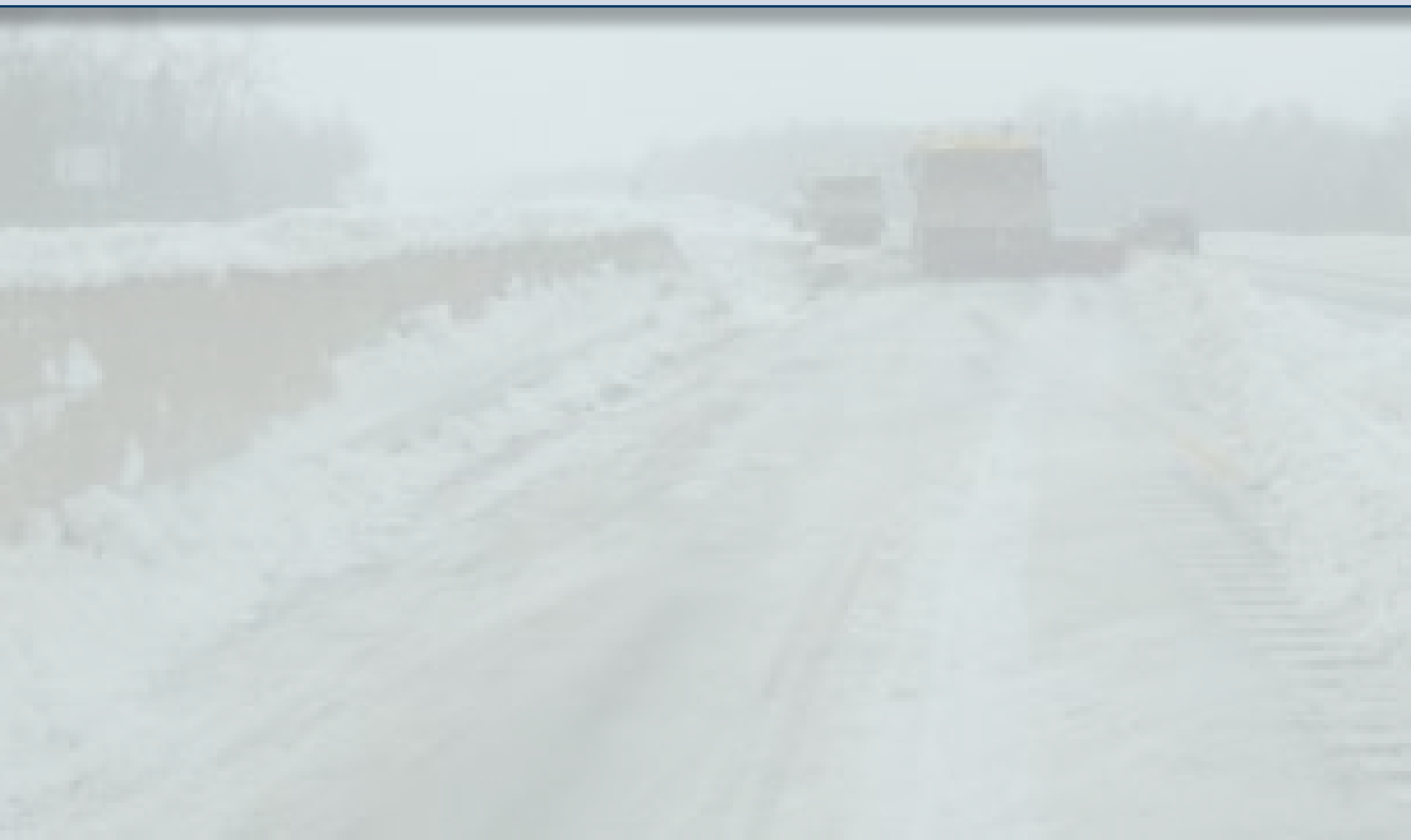


Michigan's  
Local Technical  
Assistance Program

city engineers and  
consultants are  
welcome too!

February 11-13

Little River Resort – Manistee, Michigan



# Agenda - Day 1

## Tuesday, February 11

### Preparing your Roads for Heavy Loads

In the morning session of the workshop, presenters will cover how to protect your roads from heavy traffic, especially in winter and spring. The session will be led by Ralph Hodek, Ph.D., P.E., from Michigan Technological University. Members of the CRAM Seasonal Weight Restrictions Committee will also explain how federal, regional, and state guidelines and laws help protect roads from heavy traffic.

In the afternoon session, Tracie Leix, P.E., Safety Programs Manager from MDOT, will discuss how to use the FHWA Highway Safety Manual and the MDOT Work Zone Safety and Mobility Manual to help evaluate and mitigate safety concerns in work zones.

Workshop topics will include:

- Hydraulic concerns, subgrade saturation, and frost effect on roads and culverts
- Guidelines for spring highway use restrictions
- Michigan's current method and legislation compared to Wisconsin region map, other states, Canada, and Europe
- Panel on highway use restrictions in Michigan

### Agenda

- 7:45 Registration & Continental Breakfast
- 9:00 Welcome & Introductions
- 9:05 Effects of Seasonal Freeze/Thaw Cycles on Load Bearing Capacity  
Ralph Hodek – Director, Michigan Tech Transportation Institute
- 10:30 Guidelines & Laws that Protect Roads from Heavy Loads  
Bob Lindbeck – Engineer/Manager, Alger CRC  
Karl Hanson – County Highway Engineer, Wexford CRC  
Tom Blust – Director, Road Commission for Oakland County
- 12:00 Lunch
- 1:30 Evaluating & Mitigating Safety Concerns in Utilizing the Highway Safety Manual  
Tracie Leix – Safety Programs Manager, MDOT
- 3:30 Adjourn

### Dinner and Roundtable

- 5:00 Social Hour
- 6:00 Dinner
- 7:00 Roundtable Discussion
- 9:00 Adjourn

### Cost & Registration

\$200.00 includes all sessions, workshop materials, break refreshments, and all meals listed on the agenda. The cost does not include accommodations.

CEW is open to engineering consultants, engineers and surveyors from municipalities and public agencies, and CRAM Associate Members. If you are interested in becoming a CRAM Associate Member, [click here](#).

To register, call the Center for Technology & Training at 906.487.2102 by February 4, 2013. Please tell us if you have any special dietary needs.

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

### Accommodations

To reserve a room at the Little River Casino and Resort at a reduced rate of \$65/night (plus tax):

**Individuals** call 888.568.2244 and mention the 2014 County Engineers' Workshop.

**Groups** fill out and mail/fax [this form](#)

*The deadline for reserving a room at the reduced rate is January 24.*



Do you think regionalization of spring highway use restrictions in Michigan is feasible? During the workshop on Tuesday, the CRAM Seasonal Weight Restrictions Committee will welcome your comments as they lead a panel discussion about critical dates.

# Agenda - Day 2

## Wednesday, February 12

### General sessions

- 7:25 Registration & Continental Breakfast
- 8:25 Welcome & Introductions
- 8:30 Accelerated Bridge Construction: Geosynthetic Reinforced Soil  
Paul Spitzley – County Highway Engineer, Ionia CRC
- 9:05 Breathing New Life into Old Pavements  
Kurt Fritz – Transportation Maintenance, MDOT
- 9:40 Infrared Treatment to Patch Potholes & Utility Trenches  
Mark Jones – Street Superintendent, The City of Traverse City
- 10:15 Break
- 10:30 How Road Diets Balance Safety & Service  
Tracie Leix – Supervising Engineer, MDOT
- 11:05 E-Construction: MDOT Paperless Projects  
Jason Clark – Construction Contracts Engineer, MDOT  
Cliff Farr – Engineer of Field Automation, MDOT
- 11:40 Lunch
- 1:00 Web Trns\*port Overview  
Kevin Fox – Web Trns\*port Manager, MDOT
- 1:30 Legal Responsibilities of County Highway Engineers  
Ed McNeely – McNeely Law Office
- 2:05 Understanding the Legal Details of Road-End Rights  
Haider Kazim – Cummings, McClorey, Davis & Acho, PLC
- 2:40 Break
- 2:55 Updates from the Office of Economic Development  
Michael Leon – TEDF Program Manager, MDOT
- 3:40 Project Review, Final File Review, TSC Review  
Del Kirkby - Construction Engineer, MDOT – Cadillac TSC
- 4:15 Adjourn

### Banquet

- 5:30 Social Hour
- 6:30 Dinner & Awards
- 7:30 Comedian – Dwayne Gill  
Entertainment sponsored by CRAM
- 8:20 Adjourn



Road diets balance safety with service levels. A successful example of this is Wright St. in Marquette. (hover over picture)

### Banquet Entertainer



# Agenda - Day 3

## Thursday, February 13

7:00 Continental Breakfast

### Partner Updates

8:00 FHWA

Ted Burch

Kurt Zachary

8:25 MDOT Program Updates

Larry Doyle/Bruce Kadzban/Scott Greene

8:50 DEQ

Jeff Silagy

Jerry Fulcher

9:15 MITA

Doug Needham

9:40 Break

9:50 NACE

Wayne Schoonover

10:00 CRAM

Ed Noyola

10:25 LTAP

Melanie Kueber Watkins

10:35 Panel Discussion and Q & A

All partners

11:05 Closing Announcements & Adjourn



Learn how the City of Traverse City used infrared treatment to combat their pothole problem and even patch some utility trenches. [\(hover over picture\)](#)

### Workshop Coordinators

Chair – Matt Hannahs, P.E., Eaton CRC

Vice Chair – Dan Armentrout, P.E., Clinton CRC

### CRAM Engineering Committee

Chair – Robert Lindbeck, P.E., Alger CRC

Vice Chair – Thomas Hohm, P.E., Kalamazoo CRC

Dan Armentrout, P.E., Clinton CRC

Scott Assenmacher, P.E., Monroe CRC

Thomas Blust, P.E., Road Commission for Oakland County

John Cima, P.E., Houghton CRC

Mark Craft, P.E., Gratiot CRC

Deepak Gupta, P.E., Midland CRC

Karl Hanson, P.E., Wexford CRC

Bill Hazelton, P.E., St. Clair CRC

Craig Kelso, P.E., Schoolcraft CRC

Robert Peterson, P.E., Ingham CRC

