



Local Technical Assistance Program
 309 Dillman Hall
 Michigan Technological University
 1400 Townsend Drive
 Houghton, MI 49931-1295
 (906) 487-2102

42nd Annual



2008 Michigan

County Engineers' Workshop

February 5 & 6, 2008



2008 County Engineers' Workshop



When and Where

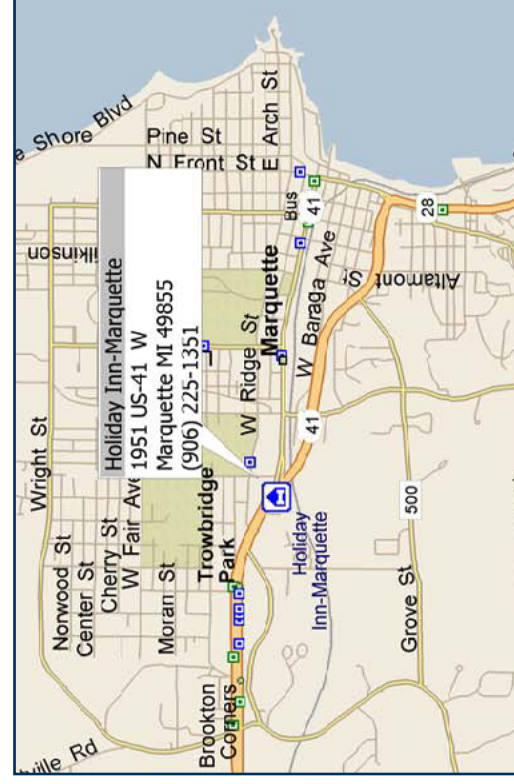
The 2008 County Engineers' Workshop takes place Tuesday and Wednesday, February 5 & 6, 2008 in Marquette, MI, at the Holiday Inn hotel. This year's CEW is scheduled immediately preceding the U.P. Road Builders meeting at the same facility. If you are a road commission employee, consider staying a couple more days in Marquette for the follow-up meeting, especially if you have never attended the U.P. Road Builders meeting.

Cost and Registration

The registration fee is \$200.00 for CEW. Coffee-break refreshments, Tuesday and Wednesday lunch and banquets, workshop materials, and handouts are included. Please let us know if you have any special dietary needs. The registration fee does not include accommodations. To register, call the Michigan LTAP at (906) 487-2102 by January 28, 2008. Please register early to ensure your participation.

Accommodations

A block of rooms has been set aside at the Holiday Inn. The rooms, available on a first come, first served basis, cost from \$65 per night. Reservations need to be made with the hotel by January 31, 2008. Call 906-225-1351 or 800-HOLIDAY and mention the County Engineers Workshop to reserve a room.





2008 County Engineers' Workshop



Tuesday, February 5

8:00 Registration

Early Bird Workshops

8:30 101 **Media Training** Suzanne Skubick MDOT

Have you ever woken up to find the morning paper with a quote that you wish you hadn't said? Have you stood in front of a camera and lights and only been able to say "Uh, Uh, Uh..."? Suzanne Skubick shows how to work with and respond properly to media inquiries, especially those that happen after something bad happens. She will give several demonstrations using real news media interview tactics and equipment and coach you on how to put your TV face on and say the right things. For 20 years, Suzanne has been providing this training to MDOT and other agency employees throughout Michigan. Those who have attended her workshops have highly recommend it to others. This is a rare opportunity to learn some good public relations skills from a pro!

12:00 Lunch

1:00 102 **Pavement Design** Dr. Chris Byrum PE SME

Chris Byrum, Ph.D. PE is a pavement design expert for SME, Inc. He will give a thorough review of pavement design from the ground up. This is a workshop on pavement thickness design based primarily on the AASHTO pavement design methodology, with some introduction to new NCHRP Mechanistic-Empirical pavement design concepts. This is a great review of some things you've forgotten from your university classroom, as well as a discussion of practical construction methods, resources to help you do your job, and a look at some case studies from the "real world." This workshop will help you do more with less money and get the performance that you really need in your pavements.

4:30 Adjourn

5:30 Social Hour

Recognition of Retirees John Cima PE Houghton CRC

6:30 **Banquet Guest Speaker** Dr. Bruce Seely MTU

Dr. Seely has researched and written extensively about the history and impact of transportation and technology on American society. He is Co-Chair of the Transportation Research Board History Committee and author of the book, "The Best Transportation System in the World." He will give an informative and entertaining presentation on how we've arrived at where we are with our transportation infrastructure, and look at where we may be going in the future.

Wednesday, February 6

7:00 Registration, coffee and pastries

8:00 **Welcome and Introduction** John Kiefer PE Michigan LTAP

8:05 201 **Building the Bridge Everybody Wanted, but Nobody Could Afford** Lance Malburg PE Oceana CRC

The Oceana CRC built a three-span timber bridge from a pre-fabricated design. This was the project everybody wanted, but nobody could afford. Mr. Malburg's presentation will discuss the whole bridge installation process, from concept through completion.

9:05 202 **Legal topics and Q&A** Dr. Joel C. Tuoriniemi MTU

Dr. Tuoriniemi will head up a discussion of abandonment and other issues related to road agencies. Ample time for Q&A follows the lead topic.

10:00 Break

10:15 203 **HMA Testing** Marc Beyer MDOT

Mr. Beyer will discuss the latest HMA types and specifications, as well as sampling and testing procedures for local agencies.

11:00 204 **Wetland Mitigation** Duke Domke DEQ

The DEQ will discuss wetland mitigation procedures and policies to help guide road agencies as they build in sensitive wetland areas.

12:00 Lunch

1:00 205 **Culvert Design using the Drainage Manual** Kristin Schuster PE MDOT

The MDOT Drainage Manual contains a wealth of information and guidelines on water management. An MDOT representative will give an example of using the Manual to design culvert installations without software.

1:45 206 **New Culvert Spec Rules** Mark VanPortfleet PE MDOT

Federal regulations require engineers to specify alternate materials for culverts on Federal Aid Projects. An MDOT representative will address the rationale for new requirements for culvert specifications and how they will apply in future projects.

Wednesday, February 6, Continued

2:30 Break

2:45 207 **MDOT Local agency programs update Q&A**

MDOT Overview Rudy Cadena PE MDOT

Safety Programs Dale Lighthizer PE & James D'Lamater PE MDOT

Rural Program Overview Bruce Kadzban PE MDOT

4:30 208 **CRAM Update** John Niemela CRAM

209 **NACE Update** Mark Craft PE Gratiot CRC

5:00 Adjourn

5:30 Social Hour

6:00 Dinner

7:00 **Roundtable Discussion** CRAM

Workshop Chair

John Cima, Houghton CRC

CRAM Engineering Committee

Robert H. Peterson, Ingham, Chair

Wayne A. Schoonover, Ionia, Vice Chair

Thomas Blust, Oakland

Larry Brown, Allegan

John Cima, Houghton

Mark Craft, Gratiot

Brian Gutowski, Emmet, Chair

James C. Johnson, Leelanau

Joseph Michalsky, Jackson

William Meinz, Lapeer

Tim O'Rourke, Roscommon

Burt R. Thompson, Antrim