



Local Technical Assistance Program
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41st Annual

Alcona Alger Alpena Arenac Baraga Barry Bay Benzie Berrien Branch Calhoun Cass Charlevoix Cheboygan Chippewa Clare Clinton Crawford Delta Dickinson Emmet Genesee Gladwin Gogebic Grand Traverse Gratiot Hillsdale Houghton Huron Ingham Ionia Iosco Iron Isabella Jackson Kalamazoo Kalkaska Kent Keweenaw Lake Leelanau Lenawee Livingston Luce Maekinae Macomb Manistee Marquette Mason Mecosta Menominee Midland Missaukee Monroe Montcalm Montmorency Muskegon Newaygo Oakland Oceana Ogemaw Ontonagon Osceola Oscoda Otsego Ottawa Presque Isle Roscommon Saginaw Sanilac Schoolcraft Shiawassee St. Clair St. Joseph Tuscola Van Buren Washtenaw Wayne Wexford



2007 Michigan

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February 20, 21 & 22

County Engineers' Workshop



2007 County Engineers' Workshop



When and Where

The 2007 County Engineers' Workshop takes place Tuesday, Wednesday, and Thursday, February 20, 21 & 22, 2007 in Houghton Lake, MI, at the Comfort Suites Lakeside hotel.

Cost

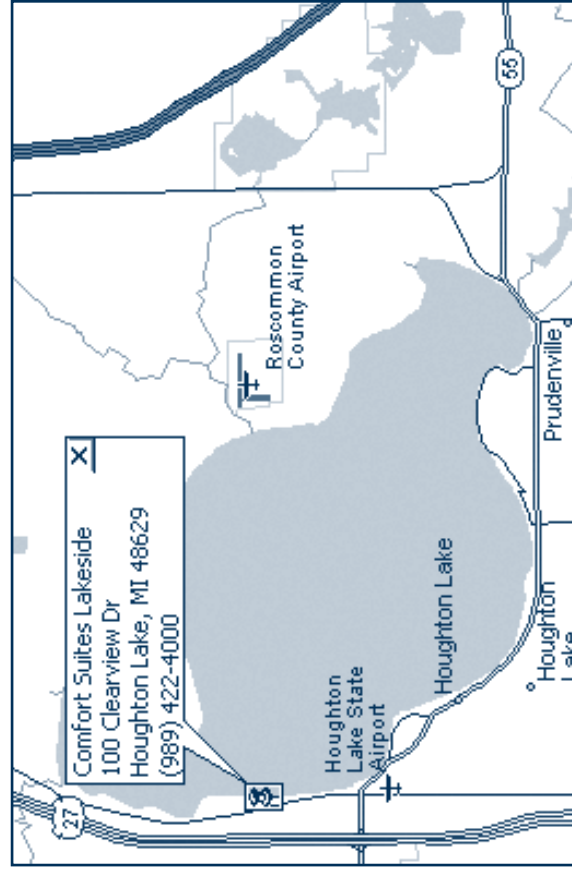
The registration fee is \$225.00. Coffee-break refreshments, Tuesday and Wednesday lunch and banquets, workshop materials, and handouts are included. Please let us know if you have any special dietary needs. The registration fee does not include accommodations.

Registration

To register, call the Michigan LTAP at (906) 487-2102 by February 9, 2007. Please register early to ensure your participation.

Accommodations

A block of rooms has been set aside at the Comfort Suites Lakeside (100 Clearview Drive, Houghton Lake, MI, (989) 422-4000 <<http://www.comfortsuiteslakeside.com>>. The rooms, available on a first come, first served basis, cost from \$109.99 per night. Reservations need to be made with the hotel by February 10, 2007.





2007 County Engineers' Workshop



Tuesday, February 20

8:00 Registration

Early Bird Workshops

8:30 101 **Traffic Counts** Bill Sproule MTU

Dr. Sproule is a civil engineering professor at Michigan Tech University. His research interests include transportation planning, traffic engineering, airport planning and design, public transit, automated people movers, transportation planning for major activity centers, and engineering education.

This workshop covers the full range of traffic counting techniques, from manual to automated, and teaches you how to collect good data, what to do with that data, and why. Topics include traffic counting strategy, equipment selection, techniques, installation, data analysis, effects of good and bad data, and using data in an asset management system.

12:00 Lunch

1:00 102 **Sealcoats - Mix Design Nuts and Bolts** Tom Wood MNDOT

Tom Wood has led seal coating research for Minnesota DOT and contributed to the latest manuals and training procedures for Minnesota local agencies. Tom covers recent advances in the seal coating process, including improved emulsions, updated specifications, and improved techniques. Topics include seal coat aggregate selection, asphalt binders, seal coat design, fog sealing, chip sealing for recreational trails, inspector responsibilities, equipment calibration, common problems and solutions, frequently asked questions about chip sealing, special situations, and current seal coat special provisions. This workshop is intended to be a practical tool for the designer and the technician.

4:30 Adjourn

5:00 Social Hour

6:00 Dinner

7:00 **Roundtable Discussion** Mike Schultz Ogemaw CRC

Wednesday, February 21

7:00 Registration, coffee and pastries

8:00 **Welcome and Introduction** Tim Colling Michigan LTAP

8:05 201 **Roundabouts Up North** Mike Roper Otsego CRC

9:05 202 **Signing Changes that Affect Local Agencies** Mark Bott MDOT Traffic & Safety

10:00 Break

10:15 203 **County Wide Road Millage** Brian Gutowski Emmet CRC

11:00 204 **Governor's Traffic Safety Advisory Commission** Steve Puuri Washtenaw CRC

12:00 Lunch

1:00 205 **Local Agency Partnerships for Updating Framework Map** Rob Surber Michigan CGI

1:45 206 **Camel Back Bridge Problem** Wayne Harrall Kent CRC

2:30 Break

2:45 207 **Full-depth Pavement Reclamation Using Coal Combustion Products in Marquette County** Thomas VanDam MTU
Thomas Jansen WE Energies

3:30 208 **NACE Update** Jon Rice NACE

CRAM Update John Niemela CRAM

4:00 209 **Michigan Construction Career Days** John Ryyanen Michigan LTAP

4:30 Adjourn

5:30 Social Hour

Recognition of Retirees Burt Thompson Antrim CRC

6:30 **Banquet Guest Speaker** Russ Alger MTU KRC

Thursday, February 22

7:30 Coffee and pastries

8:00 301 **MDOT Local agency programs update Q&A**

MDOT Overview Rudy Cadena MDOT

Bridge Overview Mark Harrison MDOT

Rural Program Overview Bruce Kadzban MDOT

9:30 302 **LTAP Update** Tim Colling Michigan LTAP

10:00 Break

10:20 303 **SAFETEA-LU - what it means for locals** Dale Lighthizer MDOT Traffic & Safety

304 **Options For Safety Funding** Jim D'Lamater MDOT

12:00 Adjourn

