Upper Midwest
Transportation Materials Summit

November 3-4, 2010
Best Western Franklin Square Inn, 7th Floor
Houghton, Michigan

Technical Program

Wednesday, November 3

6:00-7:30 PM  Registration
7:00-9:00 PM  Reception

Thursday, November 4

7:00-8:00 AM  Registration and Breakfast
8:00 AM  Opening Comments & Introductions
Larry Sutter, Professor and Director, Michigan Tech Transportation Institute and the University Transportation Center for Materials in Sustainable Transportation Infrastructure
8:10 AM  Welcome
Dave Reed, Vice President for Research, Michigan Technological University
8:15 AM  Keynote Presentation
Michael Darter, University of Minnesota (8:15-8:50)
Status of M-E PDG Implementation: Progress and Case Studies
8:50 AM  Morning Sessions
Nick Vitillo, Rutgers State University (8:50-9:15)
M-E PDG Implementation in New Jersey
Neeraj Buch, Michigan State University (9:15-9:40)
An Integrated Approach to Implementing the M-E PDG
Zhanping You, Michigan Tech (9:40-10:05)
The Preliminary Criteria for Dynamic Moduli of Michigan HMA: Preparing for M-E PDG
10:05 AM  Break
10:20 AM  Late Morning Sessions
Hussain Bahia, University of Wisconsin (10:20-10:45)
Energy, Emissions, and Recycling: Opportunities for Making Asphalt Greener
Thursday, November 4 continued

**Tuncer Edil**, University of Wisconsin (10:45-11:10)
Experiences with Highway Design and Construction Using Recycled Materials

**George Dewey**, Michigan Tech (11:10-11:35)
Determination of the Polish Resistance of Carbonate Aggregates

**Stan Vitton**, Michigan Tech (11:35-12:00)
Dynamic Fracture of Concrete and Aggregate and Its Importance to Sustainable Materials

12:00-1:00 PM  Lunch

12:40 PM  Lunch Presentation
**Kirk Steudle**, Director, Michigan Department of Transportation

1:00 PM  Early Afternoon Sessions
**Norb Delatte**, Cleveland State University (1:00-1:25)
Internal Curing of Concrete and Transportation Applications

**Haluk Aktan**, Western Michigan University (1:25-1:50)
Durability of Precast Concrete Component Joints

**Elin Jensen**, Lawrence Technological University (1:50-2:15)
Durability Study of Concrete Bridge Deck

**John Myers**, Missouri University of Science and Technology (2:15-2:40)
Rapid Set Concrete Work for Pavement and Deck Repair Applications

2:40 PM  Break

2:55 PM  Late Afternoon Sessions
**Lev Khazanovich**, University of Minnesota (2:55-3:20)
M-E PDG and Concrete Pavement Design

**Michael Darter**, University of Minnesota (3:20-3:45)
Lessons Learned from the SHRP 2 Composite Pavement Project

**Ben Krom**, Michigan Department of Transportation (3:45-4:10)
Performance Evaluation of Unbonded Concrete Overlays

**Bill Buttlar**, University of Illinois (4:10-4:35)
New Tools for Achieving Durable, Well-Bonded Asphalt Overlays

4:35 PM  Closing Remarks

4:45 PM  Break

5:30 PM  Bus Departs Lobby for Dinner Event

10:00 PM  Final Bus Returns to the Hotel

Friday, November 5

7:00-8:00 AM  Departing Breakfast

8:00 AM  Laboratory Facility Tours (optional)
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• 1 complimentary registration

Copper Sponsorship $750.00 Commitment Level
• Logo and link on event the Web page
• Name or logo on conference signage
• Brochure or pamphlet in participant binder
• 6-foot skirted display table
• 2 complimentary registrations

To become a sponsor of this event, please contact the University Transportation Center office at 906-487-3154 or by email at misti@mtu.edu.

Partnering for the future of transportation.
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Registration

General Registration: $155.00
Includes all Summit materials, the opening reception on 11/3, all meals and break refreshments on 11/4 and breakfast on 11/5.

Student Registration: $40.00
Includes all Summit materials, and lunch and break refreshments on 11/4. Scholarships available-please email misti@mtu.edu for details.

To register, please contact the Center for Technology and Training at Michigan Technological University at 906-487-2102. Credit card payments accepted. Invoicing available. Advanced registration required. Deadline November 1, 2010.

Lodging Information

Negotiated Rate: $70.00 per night single occupancy
$75.00 per night double occupancy
Group Block: Transportation
Facility: Best Western Franklin Square Inn
820 Shelden Avenue
Houghton, Michigan 49931
888.487.1700
www.houghtonlodging.com

The Best Western Franklin Square Inn is located on US 41 in downtown Houghton. This is also the facility where the Summit will be held.

Negotiated Rate: $55.00 per night single occupancy
$58.00 per night double occupancy
Group Block: Transportation
Facility: Super 8 of Houghton
1200 E. lakeshore Drive
Houghton, Michigan 49931
906.482.2240
http://www.super8.com/Super8/control/Booking/
property_info?propertyId=03513

The Super 8 of Houghton is located on the banks of the Houghton Canal just off US 41 near downtown Houghton. This facility is within two blocks of the Summit meeting location.

Please contact misti@mtu.edu if you need complimentary transportation to and from Houghton County Memorial Airport (CMX). Please include arrival and departure dates and times.