

2007

Update from the FHWA

Update from MDOT

MDOT's Local Bridge Program

Sustainable Design and Construction

Natural Rivers

Prefab Bridges:
Local and National Perspectives

Bridge Inspection Procedures

Historical Preservation:
Tri-Level Bridge in Ferndale



**Michigan's
Local Technical
Assistance Program**

(906) 487-2102 or Fax (906) 487-3409
www.MichiganLTAP.org



MICHIGAN
BRIDGE
CONFERENCE

April 5, 2007
Midland

Pre-conference Workshop

Bridge Load Rating

9:00-3:30 on April 4



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

Nonprofit Organization
U.S. POSTAGE PAID
Permit No. 11
Houghton, Michigan
49931

2007 Michigan Bridge Conference and Workshop

The Michigan Bridge Conference and pre-conference workshop provide information on topics of bridge research, construction, repair, and management. The workshop and conference will be held at the Holiday Inn in Midland on April 4 and 5.

Registration

You must register separately for each event. Seating is limited for both events; please register as early as possible to ensure your participation. To register, call the LTAP office at (906) 487-2102. Visa, MasterCard, and Discover are accepted. Please let us know if you have any special dietary needs.

Accommodations

A block of rooms has been reserved at the Holiday Inn, available on a first come, first served basis. The rate is \$81.00 per room. To reserve a room at this rate, call the Holiday Inn at (800) 622-4220 by March 16, 2007, and specify code MTM.

Advance Check In

To avoid early morning crowds for the conference, you may check in on Wednesday, April 4 from 6:00 to 7:30 P.M.

Cost

Bridge Load Rating Workshop (April 4)

Employees of Public Agencies	\$75
Employees of Private Companies	\$95

Michigan Bridge Conference (April 5)

Employees of Public Agencies	\$75
Employees of Private Companies	\$95

The costs include coffee-break refreshments, lunch, conference materials, and handouts. The registration fee does not include accommodations.

Bridge Load Rating Workshop

Wednesday, April 4

The pre-conference workshop will be led by Chris Gilbertson, P.E., of Michigan Tech University's Department of Civil and Environmental Engineering. The workshop will provide an overview of the process of load rating bridges, based on the newest approved version of MDOT's Bridge Analysis Guide. The workshop is structured to provide plenty of time to apply what you learn, ask questions and discuss solutions.

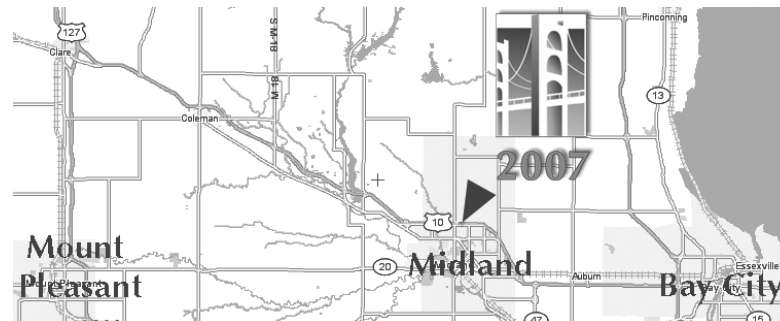
NOTE: The content of this workshop has been updated to reflect the most recent information from MDOT and to incorporate improvements suggested by those who attended last year's workshop.

Workshop Agenda

8:30	Check-in
9:00	Part 1: Introduction
9:30	Part 2: Overview of the Load Rating Procedure
10:30	Break
10:45	Part 3: Calculations for Special Bridge Types
Noon	Lunch
1:00	Part 4: Hands-on Exercises
2:30	Break
2:45	Part 5: Conclusion
3:30	Adjourn

Getting to the Conference and Workshop

The Midland Holiday Inn is located 2 miles North of Downtown Midland, just off US-10 on W. Wackerly Street.



Bridge Conference Agenda

Thursday, April 5

8:15	Check-in
8:40	Opening Remarks Moderator: Dr. Tess Ahlborn, P.E. <i>Michigan Tech University</i>
8:45	Update from the Federal Highway Administration Jon Nekritz, P.E., Division Bridge Engineer <i>Federal Highway Administration, Michigan Division</i>
9:15	Update from MDOT David Juntunen, P.E., Engineer of Bridge Operations <i>Michigan Department of Transportation</i>
9:45	Local Bridge Program Mark Harrison, Bridge Program Manager <i>Michigan Department of Transportation</i>
10:30	Break
10:45	Sustainable Bridge Design and Construction Chris Gilbertson, P.E., Research Engineer <i>Michigan Tech University</i>
11:30	Natural Rivers Dan Pearson, Natural Rivers Administrator <i>Michigan Department of Natural Resources</i>
12:00	Lunch
1:15	Pre-Fabricated Bridges: A National Perspective Benjamin Tang, Principle Bridge Engineer <i>U.S. Department of Transportation</i>
2:00	Pre-Fabricated Bridges: A Local Perspective Guy Nelson, P.E., Civil Engineer <i>URS Corporation</i>
2:45	Break
3:00	Bridge Inspection Procedures Amy Trahey, P.E., President <i>Great Lakes Engineering Group, LLC</i>
3:30	Historical Preservation: Tri-Level Bridge in Ferndale Lloyd Baldwin, Historian/Project Manager <i>Michigan Department of Transportation</i>
4:15	Closing Remarks and Adjourn Moderator: Dr. Tess Ahlborn, P.E. <i>Michigan Tech University</i>