Accelerated Bridge Construction/Structural Slide and Move Workshop
December 9, 2013 8:00 AM - 4:00 PM ET

Overview
This workshop is for contractors, fabricators, and consultants who are interested in learning about Accelerated Bridge Construction (ABC) and bridge slides and moves. Speakers will share their expertise and experience on topics such as:

- Specifications for design and construction
- Jacking operations and Self Propelled Modular Transporter (SPMT) moves
- Design of temporary structures and geotechnical aspects of SPMT and slides
- Observations and lessons learned from completed ABC projects that involved slides and moves

Why attend?
Attendees will hear from nationally recognized industry experts about the unique tasks involved in ABC projects including:

- Temporary substructure design and construction
- Jacking systems for lateral slides
- Moving bridge elements or complete superstructures into place

Registration
Workshop materials and lunch will be provided. To register, contact the Center for Technology & Training (CTT) by calling (906) 487-2102, or sending an email to ctt@mtu.edu.

Cancellation Policy: Refunds will be given to those who cancel before December 4. Substitutions will be accepted.

MDOT and Public Agency Employees: No fee
All Others: $80

Location
Williams Auditorium
G. Mennen Williams Building
525 W. Ottawa St.
Lansing, MI 48909

Note that the location has changed since the September release of the “save the date” announcement.
The G. Mennen Williams Building is located in downtown Lansing behind the State Capitol on the corner of Ottawa and Pine Street. Parking is available for a fee in the State Library and Historical Center lot (700 West Kalamazoo Street). There is also limited meter parking on downtown streets with time limits varying from 2 to 10 hours.

Agenda
8:00 Welcome/Michigan Department of Transportation (MDOT) Plans for ABC
Gregory C. Johnson, Chief Operations Officer, MDOT
8:15 Upcoming ABC Projects
David Juntunen, P.E., Bridge Development Engineer, MDOT
Matt Chynoweth, P.E., Bridge Field Services Engineer, MDOT
8:30 Implementing New Technology and Construction Practices
Rebecca Nix, S.E., Bridge Program Manager, Utah Department of Transportation
9:15 Rapid Renewal Project (SHRP-02 R04) findings
Bala Sivakumar, P.E., Vice President and Director of Special Bridge Projects, HNTB
9:45 Overcoming Obstacles and Comparison to Traditional Construction Practices
John Almeida, P.E., General Manager, Aecon Group Inc.
10:30 Jacking and SPMT Operations; Quality Control and Quality Assurance
Frido De Greef, P.E., Procurement Manager, Mammoet USA Inc.
11:15 Proven Bridge and Structure Sliding Techniques
Brent Archibald, P.E., Senior Principal and Technical Director, Delcan
12:00 Lunch
1:00 Advances and New Options
Ken Price, P.E., Vice President, HNTB
1:45 Nationwide perspective on ABC Implementation
Benjamin Beerman, P.E., Senior Structural Engineer, Federal Highway Administration
2:30 Processes and Tools for Alternative Analysis of ABC for Project Delivery
Haluk Aktan, Ph.D., P.E., Professor, Western Michigan University
3:00 Expectations, Anticipated Field Operations, and Public Outreach and Input
MDOT panel
3:30 Q&A
Panel of Speakers, Moderator: Haluk Aktan
4:00 Adjourn