

MTC presentations at TRB

Iowa State University

- Long Term Plan for Concrete Pavement Research and Technology (Dale Harrington)
- New Developments in Concrete Pavement Technology (Dale Harrington)
- Tribal Consultation: Iowa DOT's Experience (Tom and Judy McDonald)
- Using GIS for Local Road Safety in Iowa (Tom McDonald)
- Visual Inspection of Highway Bridges (Brent Phares)
- Evaluation of Steel Girder Bridge Strengthened with CFRP Plates (Brent Phares)
- Fiber Optic-based Health Monitoring System (Brent Phares)
- Emerging Technology Law: How to Avoid Being Roadkill on the Information Superhighway (David Plazak)
- Innovations in Access Management: Iowa SUDAS and Access Management (David Plazak and Dale Harrington)
- Automated Distress Data Collection Workshop (Omar Smadi)

- Moving from Theory to Practice—Lessons from Fifth National Asset Management Conference (Omar Smadi)

University of Missouri at Columbia

- Field Testing for Automated Identification of Turning Movements (Jialin Tian, Mark Virkler, and Carlos Sun)
- Evaluation of a Freeway Work Zone Advance Speed Advisory System (Carlos Sun and Mark Virkler)
- Build Your Own POST (Portable Overhead Surveillance Trailer) (Carlos Sun, Ryan Pierce, and Jason Sommerer)
- Computer-Assisted Vehicle Reidentification System for Segment Travel (Carlos Sun)
- Drainage Performance of Missouri Roadway Type 5 Base (Awilda M. Blanco and John Bowders)
- Radio-Frequency Heating Enhanced Soil Vapor Extraction for Clean-Up of Petroleum-Contaminated Soils (John Bowders)

Career Fair from pg. 1

construction, and maintenance. While this process was the backbone of the fair, the 16 session topics were designed to attract students' attention.

Topics included

- Environmental impact, historic sites, and endangered species
- Automated snow and ice control
- Road kill clean up, brush control, roadside management
- Art and architectural details on the I-235 project in Des Moines

A variety of booths provided information about college programs and jobs as well as hands-on activities like building the Iowa State University Campanile out of construction toys.

A member of ISU's student AGC chapter (right) builds a model of the Campanile with two high school students.



Several ISU student groups held booths at the career fair including the Transportation Student Association.

Career fair sponsors

The career fair was free to students and their teachers, including a box lunch. In addition to the MTC, several other public and private agencies donated funds:

- Asphalt Paving Association of Iowa
- Associated General Contractors
- CH2M Hill
- Des Moines Area Community College
- Federal Highway Administration
- Geotechnical Services, Inc.
- Howard R. Green Company
- Iowa Chapter, American Public Works Association
- Iowa Concrete Paving Association
- Iowa Department of Transportation
- Iowa Limestone Association
- Iowa Local Technical Assistance Program
- Land Surveying Society of Iowa
- Martin Marietta Materials
- Snyder & Associates, Inc.