



University Transportation Center

Materials in Sustainable Transportation Infrastructure

Michigan Tech Transportation Institute • Michigan Technological University

NEWS RELEASE

Transportation Enterprise Project Focus of National Webcast

More than 190 transportation professionals participated in a national webcast focusing on work by a team of undergraduate students in the Transportation Enterprise. The student project gathered industry perspective on the adoption of warm mix asphalt (WMA) technologies by road agencies in northern climates. WMA is a suite of technologies that offer potential environmental benefits, performance enhancement and cost savings in road construction. WMA technologies are part of the Federal Highway Administration's initiative "Ever Day Counts" which is designed to identify and deploy innovation aimed at shortening project delivery, enhancing the safety of roadways and protecting the environment. Participants included representatives from fourteen state departments of transportation, more than thirty local and municipal road agencies, a dozen federal transportation professionals and many industry personnel. Undergraduate student Luke Arnold(CEE), who served as the team leader spring semester, provided a twenty minute overview of WMA technologies and their potential benefits.

Student team members included CEE undergraduates Ben Kohler, Paul Kopanna, Tim Nygard, Wes Hiline and Luke Arnold. The team was advised by Dr. George Dewey (CEE) and Dr. Zhanping You (CEE). The student team was also supported by an advisory team of professionals drawn from the industry membership of Transportation Engineering Road Research Alliance (TERRA). TERRA brings together government, industry, and academia in a dynamic partnership to advance innovations in road engineering and construction. Its mission is to develop, sustain, and communicate a comprehensive program of research on pavement, materials, and related transportation engineering challenges, including issues related to cold climates.

This project was sponsored by the Minnesota Department of Transportation and the University Transportation Center for Materials in Sustainable Transportation Infrastructure (UTC-MISTI). The webcast was coordinated and delivered by staff in Michigan Tech's Center for Technology and Training (MTTI). An archived copy of the presentation can be viewed at <http://mtu.adobeconnect.com/p6tbs8hu226/>.

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