

IOWA DEPARTMENT OF TRANSPORTATION

To Office	Iowa Highway Research Board	Date	April 12, 2005
Attention	Regular and Alternate Members	Ref. No.	080.31
From	Mark Dunn		
Office	Research and Technology Bureau		
Subject	Board Meeting on April 22, 2005		

The April meeting of the Iowa Highway Research Board will be held on **Friday, April 22, 2005** (notice it is the second to last Friday of the month because of adjustments due to Memorial Day and adequate planning time between meetings) at 9:00 A.M. in the **East/West Materials Conference Room**, at the Iowa Department of Transportation, central complex in Ames, Iowa.

AGENDA

1. Agenda review/modification.
2. Minutes from the February 25, 2005 meeting.
3. Final Report for TR-461, "Fly-Ash Soil Stabilization of Non-Uniform Subgrade Soils" (2 volume final), David White, Iowa State University/CTRE. (Funding: \$70,000 - 60% Primary, 35% Secondary, and 5% Street) (15 minutes)
4. Final Report for TR-504, "Extensions to the Iowa Culvert Hydraulics Software - The Design of Energy Dissipators", LaDon Jones, Digital Control, Inc. (Funding: \$40,000 - 50% Primary and 50% Secondary) (15 minutes) (Software and installation instructions included on CD)
5. Final Report for TR-470, "Development of a Method to Determine Pavement Damage Due to Detours and Haul Roads", Omar Smadi, Iowa State University/CTRE. (Funding: \$59,272 - 50% Primary, 45% Secondary, and 5% Street) (15 minutes)
6. Problem Statement, "Developing a Rural and Urban Roadway Lighting Practical Design Guide for Iowa", Omar Smadi, Iowa State University/CTRE. (Proposed funding: \$124,842) (15 minutes)
7. Final Report for TR-512, "Measuring Pavement Profile at the Slip-form Paver", James Cable, Iowa State University/CTRE. (Funding: \$75,000 - 45% Primary, 45% Secondary, and 10% Street) (15 minutes) (Technology Transfer Summary included on CD)
8. Proposal, "Evaluation and Enhancement of Longitudinal Joint Forming in PCC Pavement", James Cable, Iowa State University/CTRE. (Proposed funding: \$75,516 - 49% Primary, 49% Secondary, and 2% Street) (15 minutes)
9. Problem Statement, "Research for Integrated Pervious Pavement System for Management of Stormwater Quality and Quantity", Dale Harrington, Iowa State University/CTRE. (Proposed funding: \$64,000) (15 minutes)
10. Problem Statement, "The Effects of Headcut and Knickpoint Propagation on Bridges in Iowa", Thanos Papanicolaou, The University of Iowa/IIHR. (Proposed funding: \$80,000) (15 minutes)

11. Final voting for the prioritization of research topics for FY 05-06. (30 minutes) (Preliminary Ballot Results included on CD)
12. Finalize location of 2005 IHRB traveling meeting. (5 minutes) (Information included on CD)
13. New business.
14. Adjourn.

Date of the following meeting is Friday, May 20, 2005 (notice it is the second to last Friday of the month because of the adjustment due to Memorial Day), at 9:00 A.M. **Location to be announced.**

MD:slb