

## IOWA DEPARTMENT OF TRANSPORTATION

To Office Iowa Highway Research Board Date September 15, 2004  
Attention Regular and Alternate Members Ref. No. 080.31  
From Mark Dunn  
Office Materials - Research  
Subject Board Meeting on September 24, 2004

The September meeting of the Iowa Highway Research Board will be held on **Friday, September 24, 2004 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 July 30, 2004 meeting.
3. Proposal, HR-140, "Collection and Analysis of Stream Flow Data", Mark Dunn, Iowa Department of Transportation for USGS. (Funding: \$211,291 - 45% Primary, 45% Secondary, and 10% Street) (Primary funds (\$95,081) will be paid through DOT consultant services, Secondary and Street portions (\$116,210) will be requested of the IHRB.) (15 minutes)
4. Proposal, "Investigation of Steel Stringer Bridges: Substructures and Superstructures" (Phase II of TR-452), F. Wayne Klaiber, Iowa State University. (Proposed Funding: \$274,781 - 95% Secondary and 5% Street) (15 minutes)
5. Final Report TR-424, "Steel Diaphragms in Prestressed Concrete Girder Bridges", Robert Abendroth, Iowa State University/CTRE. (Funding: \$178,358 - 65% Primary, 25% Secondary, and 10% Street) (15 minutes)
6. Final Report TR-495, "Field Evaluation of Compaction Monitoring Technology: Phase I", David White, Iowa State University/CTRE. (Funding: \$75,000 - 80% Primary, 10% Secondary, and 10% Street) (15 minutes)
7. Review proposals received from the 1<sup>st</sup> Solicitation for FY 04-05. (See list) (RFPs, Proposal Evaluation Form and Proposal Format Requirements are also included in the Board packet.) (45 minutes)
8. Review proposed changes to the Business Plan. (30 minutes) (Suggested alternate language will be e-mailed)
9. Submittal of new topics and second ranking of 04-05 topics. (Second round ranking spreadsheet and topic descriptions, showing 04-05 progress, are included in the Board packet.) (30 minutes)
10. New business.
11. Adjourn.

**Date of the following meeting is FRIDAY, OCTOBER 29, 2004 at 9:00 A.M., in the EAST/WEST MATERIALS CONFERENCE ROOM at the IOWA DOT, central complex in Ames, IA.**

**MD:slb**

**PROPOSALS RECEIVED FROM FIRST SOLICITATION - FY 04-05**

**IHRB-04-01**

***Guidelines for Removal of Traffic Control Devices in Rural Areas***, R. Souleyrette, T. Maze, and R. Tenges, Iowa State University/CTRE.

**IHRB-04-03**

***Appropriate Traffic Calming Techniques for Small Iowa Communities***, S. Hallmark, N. Hawkins, and D. Plazak, Iowa State University/CTRE.

**IHRB-04-04**

***Review of Inconsistencies between SUDAS and Iowa DOT Specifications***, W. Greiman, Snyder & Associates.

***Review of Inconsistencies between SUDAS and Iowa DOT Specifications***, G. Roth, Veenstra & Kimm, Inc.

**IHRB-04-05**

***Design Guide for Improved Quality of Roadway Subgrades and Subbases***, R. Sharma, D. White, V. Schaefer, H. Ceylan, L. Stevens, Iowa State University/CTRE.

**IHRB-04-09**

***Feasibility of Cooperative Development of Wetland Mitigation Projects***, T. Ellis and S. Andrie, Iowa State University/CTRE.

*RFPs, proposal format requirements, and proposal evaluation form included on CD.*