

To Iowa Highway Research Board

Date: March 19, 2018

Attention Regular and Alternate Members

From Vanessa Goetz
Office Research and Analytics

The Iowa Highway Research Board will meet **on March 30, 2018 at 9:00 am in the East/West Materials Conference Rooms at the Iowa Department of Transportation, 800 Lincoln Way, Ames, Iowa.**

AGENDA

1. **Agenda review/modification**
2. **Minutes Approval from the December 2017 and February 2018 meetings**
3. **Final Report – TR-671, “Performance Monitoring of Boone County Expo Pavement Sections: Phase III”, David White, Iowa State University, \$214,913, (15 min)**
4. **Final Report – TR-683, “Use of Ultra-High-Performance Concrete for Bridge Deck Overlays”, Sri Sritharam, Iowa State University, \$10,968, (15 min)**
5. **Final Report – TR-687, “Effect of Wind Induced Unsteady Vortex Shedding, Diurnal Temperature Changes, and Transit Conditions on Truss Structures Supporting Large Highway Signs”, George Constantinescu, University of Iowa, \$206,333, (15 min)**
6. **Proposal: “Impact of Curling and Warping on Concrete Pavement Systems Phase II”, Halil Ceylan, Iowa State University, \$370,000, (15 min)**
7. **Matched proposal: “Comparing the Design and Use of Different Types of Grade Control at Culverts”, John Thomas, Hungry Canyons Alliance, \$125,000, (15 min)**
8. **Continuation Phase/Implementation Requests Update**

9. RFP

- a. IHRB-18-04: “Evaluation of Penetrating Sealers for Concrete”, \$150,000
- b. IHRB-18-10: “Fiber-Reinforced Concrete in Bridge Decks”, \$100,000
- c. IHRB-18-14: “Design and Detailing Requirements for Columns Under Collision”, \$100,000.

10. New business

11. Adjourn

The next regular meeting of the Iowa Highway Research Board is scheduled for April 27, 2018 at 9:00 a.m. in the East/West Materials Conference Room at the Iowa DOT.

VG