

## **IOWA HIGHWAY RESEARCH (IHRB) Minutes of October 31, 2025**

### **Regular Members Present**

M. Nop  
A. Buss  
D. Harness  
R. Koester  
A. Bradley  
D. Sanders  
T. Roll  
B. Wilkinson  
T. Wolken

### **Alternate Members Present**

B. Fall  
T. Kinney

### **Members with No Representation**

J. Thorius  
A. Clemons  
B. Skinner

### **Executive Secretary**

V. Goetz

### **Administrative Assistant**

T. Bailey

### **Visitors**

Lee Bjerke	Iowa County Engineers Service Bureau/Iowa DOT
Khyle Clute	Iowa County Engineers Service Bureau/Iowa DOT
Justin Dahlberg	Iowa State University/InTrans
Behrouz Shafei	Iowa State University/InTrans
Halil Ceylan	Iowa State University/InTrans
Sunghwan Kim	Iowa State University/InTrans
Sarah Okerlund	Iowa Department of Transportation
Cathy Nicholas	Black Hawk County

#### **1. Agenda review/modification**

There were links missing for each of the projects proposals or presentation, and also item 6.C showed the wrong company listed. It is Wiss, Janney, Eltner, not Iowa State University.  
Approved – Common consent

#### **2. Minutes Approval from the July 25, 2025 meeting**

Approved – Common consent

#### **3. Proposal, “*Advanced Testing and Characterization of Iowa Soils and Geomaterials – Phase II*”, Bora Cetin, Michigan State University, \$227,937.07, (20 min)**

Motion to Approve by J. DeVries 2nd by T. Roll  
Motion carried with 12, 0, 0

4. **Proposal, “Iowa Local Technical Assistance Program (HR296)”, Keith Knapp**, Iowa State University, \$240,000 (IHRB) + \$210,000 (FHWA) = \$450,000, (20 min)  
Motion to Approve by T. Kinney 2nd by A. Buss  
Motion carried with 12, 0, 0

5. **Final Report TR-813, “An Economical and Sustainable Dust Suppressant for Gravel Roads”, Ravi Yellavajjala**, Arizona State University, \$99,482.00, (20 min)

Motion to Approve by R. Koester 2nd by T. Kinney  
Motion carried with 12, 0, 0

6. **RFP IHRB-4162\_Monitor and Evaluate Proprietary Products E5 Liquid Fly Ash and E5 Internal Cure on New Bridge Decks**

- a. Proposal\_IHRB\_4162\_Monitor and Evaluate Proprietary Products E5 Liquid Fly Ash and E5 Internal Cure on New Bridge Decks\_Padmaja Krishnan\_Michigan State University\_\$274,273.05 (20 min)
- b. Proposal\_IHRB\_4162\_Monitor and Evaluate Proprietary Products E5 Liquid Fly Ash and E5 Internal Cure on New Bridge Decks\_Behrouz Shafei\_Iowa State University\_\$400,000 (20 min)
- c. TR-844\_Proposal\_IHRB\_4162\_Monitor and Evaluate Proprietary Products E5 Liquid Fly Ash and E5 Internal Cure on New Bridge Decks\_Todd Nelson\_WJE\_\$400,000 (20 min)
- d. Proposal\_IHRB\_4162\_Monitor and Evaluate Proprietary Products E5 Liquid Fly Ash and E5 Internal Cure on New Bridge Decks\_Qingxu “Bill” Jin\_Michigan State University\_\$400,000 (20 min)
- Motion to Approve Selection of item 6.C proposal submitted by Wiss, Janney, Eltsner & Associated by M. Nop 2nd by R. Koester  
Motion carried with 12, 0, 0

## 7. IHRB Ranking from Spring Cycle

Number	Title
4401	<a href="#">Temporary Traffic Control and Flagger's Handbooks</a>
4403	<a href="#">Condition assessment and prioritization tool for pavement drawdown structures</a>
4407	<a href="#">Safety Policies and Standardized Training for Iowa Secondary Road Specific Risk Exposures</a>
4410	<a href="#">Condition Assessment and Maintenance Prioritization Tool for Iowa's Gravel Roads</a>

4415	<a href="#"><u>County Pavement Preservation Data Collection</u></a>
4420	<a href="#"><u>Edge Deterioration Repair Options for Slab Bridge Standards</u></a>
4421	<a href="#"><u>TR-792 Phase II: Completion of Hydrologic Design and Platform Data</u></a>
4425	<a href="#"><u>Phase II of TR-769 Coarse Aggregate Deterioration in Granular Surfaces and Shoulders</u></a>

- Moving all projects forward  
Motion to Approve by T. Kinney 2nd by B. Wilkinson  
Motion carried with 12, 0, 0
- Expediting #4401  
Motion to Approve by T. Kinney 2nd by T. Roll  
Motion carried with 12, 0, 0

#### 8. New Business

- Cathy Nicholas, Black Hawk County Engineer will be the alternate for District 2.
- Ryne Thornburg, is the alternate for District 5.
- Dan Harness, Iowa DOT will end his term December 31, 2025. Allen Karimpour will become the regular member.
- IHRB meeting March 27, 2026 will be held at the University of Iowa.
- IHRB meeting April 24, 2026 will be held at the University of Northern Iowa.

#### 9. Adjourn

Motion to Approve by T. Roll 2nd by R. Koester  
Motion carried with 12, 0, 0

The next regular meeting of the Iowa Highway Research Board is scheduled for December 2, 2025 at the Iowa Events Center in Des Moines.

For a list of [current members](#) or for more information about the Iowa Highway Research Board visit our [website](#). To submit Project Ideas visit <https://ideas.iowadot.gov/>

**TB/VG**