

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, Eltsner, 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 & Associates by M. Nop 2nd by R. Koester
Motion carried with 12, 0, 0

7. IHRB Ranking from Spring Cycle

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

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

- 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