



Research & Analytics Bureau
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To Iowa Highway Research Board

Date: February 19, 2025

Attention Regular and Alternate Members

From Vanessa Goetz
Office Research and Analytics Bureau

The Iowa Highway Research Board will meet **on February 28, 2025 at 9:00 am.**

AGENDA

1. **Agenda review/modification**
2. **Minutes Approval from the December 03, 2025 meeting**
3. **TR-791, Final Report, “Bridges Designed for Minimum Maintenance”,** Mohamed Elbatanouny, Wiss, Janney, Elstner Associates, Inc., \$350,000, (20 Min)
4. **TR-807, Final Report, “Beneficial Use of Iowa Waste Ashes in Concrete through Carbon Sequestration”,** Dr. Kejin Wang, Iowa State University, \$60,000, (20 Min)
5. **FY 25 STIC Project Ranking**
 - a. [STIC-4253 - Helical Piles for Low Volume Road Bridges](#), \$125,000
 - b. [STIC-4256 - Evaluating the Effectiveness of Modified Culverts for Flood Mitigation in Iowa](#), \$156,250
 - c. [STIC-4259 - Secondary Road Implementation of Stiffness Modulus Data for Unpaved Roads](#), \$156,250
 - d. [STIC-4262 - Analysis of Friction Characteristics using the Scanning Electron Microscope](#), \$90,000
 - e. [STIC-4263 - Implementation of TR-791 – Bridges Designed for Minimum Maintenance](#), \$156,250
6. **FY 25 AID Project Ranking**

State Applications

 - a. [AID-3484, Self-Cleaning Culvert Mitigation Pilot](#)

- b. [AID-4269, Statewide Demonstration of CAV Data-Driven Signal Corridor Prioritization and Signal Timing Recommendation](#)

County Sub-Recipient Applications

- a. [AID-4006, Validated Intelligent Compaction Roller for Iowa](#)
- b. [AID-4257, Continuation of the collection of unpaved road strength modulus values using validated intelligent compaction \(VIC\) technology](#)

7. **Granular Research Road Partnership with Camp Dodge - \$500,000**, Lee Bjerke, ICEA Service Bureau

8. **New Business**

9. **Adjourn**

The next regular meeting of the Iowa Highway Research Board is scheduled for March 28, 2025 at the Driving Safety Research Institute (DSRI), College of Engineering, 2401 Oakdale Blvd, Iowa City, Iowa 52242

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