



Research & Analytics Bureau
800 Lincoln Way, Ames, IA 50010
Phone: 515-239-1412

To: Iowa Highway Research Board

Date: September 18, 2024

Attention: Regular and Alternate Members

From: Vanessa Goetz, P.E.
Bureau: Research and Analytics

The Iowa Highway Research Board will meet **on Sept 27, 2024 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 meeting**
3. **Final Report TR-763, [“Design of Drilled shafts in Iowa - Validation and Design Recommendations”](#), Sri Sritharan, Iowa State University, \$150,000 (15 min)**
4. **Final Report TR-781, [“Development of Approaches to Quantify Superloads and Their Impacts on the Iowa Road Infrastructure System”](#), Halil Ceylan, Iowa State University, \$389,926 (15 min)**
5. **Final Report TR-792, [“Assessing the Flood Reduction Benefits of On-Road Structures”](#), Larry Weber, University of Iowa, \$449,363 (15 min)**
6. **Final Report TR-810, [“Use of Iowa Eggshell Waste as Bio-Cement Materials in Pavement and Gravel Road Geo-Material Stabilization”](#), Halil Ceylan, Iowa State University, \$60,000 (15 min)**
7. **Rank IHRB Ideas**
 - [4155 Impact of Low Carbon Cement Systems on Concrete Properties](#)**
 - [4162 Monitor and Evaluate Proprietary Products E5 Liquid Fly Ash and E5 Internal Cure on New Bridge Deck](#)**
 - [4186 Local Tax on Dyed Fuels: Possible Revenue and Implementation Strategies](#)**
 - [4187 Online Permitting System for County Secondary Road Permits](#)**
 - [4188 Back to the Future for Reinforced Concrete Box End Sections](#)**
 - [4190 Automated Data and Feature Extraction from Bridge Plans - Phase II](#)**

[4194 Advancing the UHPC Deck Overlay Technique: Phase I: Assessment of strategies to improve deck durability and reduce cost](#)

[4195 Evaluation of the potential for Galvanic Corrosion of Dissimilar Materials in Iowa Bridges and Structures](#)

[4196 Designing State Bridges for Minimum Maintenance](#)

8. New Business

9. Adjourn

The next regular meeting of the Iowa Highway Research Board is scheduled for October 25, 2024 in the East/West Materials Conference Room at the Iowa DOT Ames Complex.

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

TB/VG