

To Iowa Highway Research Board

Date: October 29, 2021

Attention Regular and Alternate Members

From Vanessa Goetz
Office Research and Analytics

The Iowa Highway Research Board will meet **on October 29, 2021 at 9:00 am Online via Microsoft Teams Meeting. Please contact Vanessa.Goetz@iowadot.us by 4 pm Thursday October 28, 2021 if you would like to attend the meeting online.**

AGENDA

1. Agenda review/modification
2. Minutes Approval from the September 24, 2021 meeting
3. *LTAP 2021 Overview and 2022 Planning Update*, Keith Knapp, Iowa State University (15 min)
4. Final Report: ST-008, *“Accelerated Innovation Deployment (AID) Demonstration Project: Increasing Pavement Performance through Pavement Foundation design Modulus Verification and Construction Quality Monitoring”*, David White, Ingios Geotechnics, Inc., \$889,997.00, (15 Min).
5. Final Report: TR-742, *“Validation of Gyrotory Mix Design in Iowa – Phase II”*, Chris Williams, Iowa State University, \$250,000, (15 Min).
6. Proposal: *“Impact of Legalized 25-Kip Axle Loads for Self-Propelled Implements of Husbandry on Iowa Bridges”*, Justin Dahlberg, Iowa State University, \$100,000 (SPR \$139,231), (15 Min).
7. Proposal: *“Base Stabilization of Iowa Granular Roads Using Recycled Plastics”*, Halil Ceylan, Iowa State University, \$349,960.
8. Matching Fund Proposal: *“Helical Pile Foundation Implementation for Bridge Structures”*, Justin Dahlberg, Iowa State University, \$70,137, (15 min)
9. Matching Fund Proposal: *“Accelerated Bridge Construction (ABC) Methods for Pile-Footing-Column Systems using Lightweight Precast Members”* Sri Sritharan, Iowa State University, \$80,010, (15 min)
10. RFP: IHRB-3402, [Ultra High-Performance Concrete Repair of Steel Bridge Girder Ends](#)

11. Innovative Project Ideas: Submit ideas by November 1 -
https://ideas.iowadot.gov/subdomain/innovative-project-ideas/end/campaign_overview?qmzn=iKFrYf

12. New business

The next regular meeting of the Iowa Highway Research Board is scheduled for December 14, 2021 in Des Moines. Additional details forthcoming.

VG