

To Iowa Highway Research Board

Date: April 15, 2020

Attention Regular and Alternate Members

From Vanessa Goetz  
Office Research and Analytics

The Iowa Highway Research Board will meet **on April 24, 2020 at 9:00 am Online via Microsoft Teams Meeting. Please contact [Vanessa.Goetz@iowadot.us](mailto:Vanessa.Goetz@iowadot.us) by 4 p.m. Thursday April 23<sup>th</sup> if you would like to attend the meeting online.**

## AGENDA

1. **Agenda review/modification**
2. **Minutes Approval from the February 28, 2020 meeting**
3. **Final Report: TR-775, “Late Life Low Cost Deck Overlays”,** Mohamed Elbatanouny, Wiss, Janney, Elstner, \$50,000, (15 Min).
4. **Final Report: TR-728, “Role of Coarse Aggregate Porosity on Chloride Intrusion in HPC Bridge Decks”,** Kejin Wang, Iowa State University, \$159,942, (15 Min).
5. **Final Report: TR-712, “Evaluate, Modify and Adapt the Concrete Works Software for Iowa’s Use”,** Kejin Wang, Iowa State University, \$261,168, (15 Min).
6. **Final Report: TR-673, “Design and Performance Verification of a Bridge Column/Footing/Pile System for Accelerated Bridge Construction (ABC)”,** Sri Sritharan, Iowa State University, \$184,956, (15 Min).
7. **Final Report: TR-719, “Development of Self-Cleaning Box Culverts”,** Marian Muste, University of Iowa, \$158,874, (15 Min).
8. **Proposal: TR-764, “Use of Concrete Grinding Residue as a Soil Amendment: Additional Scope-Field Testing”,** Halil Ceylan, Iowa State University, \$90,240, (15 min).

9. **Proposal: TR-776, “Concrete Box Culvert Earth Pressure Monitoring - Scope Addition”,**  
Katelyn Freeseaman, Iowa State University, \$85,159, (15 Min)
  
10. **Matching Funds Proposal: “Utilization of Ground Tire Rubber for Energy Efficient Pavements”,**  
Chris Williams, Iowa State University, \$240,402, (15 min)
  
11. **Matching Funds Proposal: “Mitigation of Chloride-induced Corrosion through Chemisorption”,**  
Ravi Yellavaja, North Dakota State University, \$117,522, (15 min)
  
12. **Matching Funds Proposal: “Implementing a Self-Heating, Electrically Conductive Concrete Heated Pavement System for the Bus Stop Enhancement Project in the City of Iowa city”,**  
Halil Ceylan, Iowa State University, \$227,051, (15 min)
  
13. **New business**
  
14. **Regular Meeting Adjourn**

The next regular meeting of the Iowa Highway Research Board is scheduled for May 29, 2020 in the East/West Materials Conference Room at the Iowa DOT.

VG