

## IOWA HIGHWAY RESEARCH BOARD (IHRB)

*Minutes of September 24, 2021*

### **Regular Members Present**

D. Claman  
W. Dotzler  
R. Koester  
R. Knoche  
D. Sanders  
W. Weiss  
T. Roll  
J. Fantz  
B. Wilkinson  
M. Rydl  
A. McGuire  
T. Kinney

### **Alternate Members Present**

D. Harness  
S. Okerlund

### **Members with No Representation**

A. Bradley

### **Executive Secretary**

V. Goetz

The meeting was opened on September 24, 2021 at 9:00 a.m. by Chair Dave Claman with an initial number of 13 voting members/alternates.

### **AGENDA**

1. Agenda review/modification

Motion to Approve by T. Kenney 2<sup>nd</sup> by J. Fantz  
Motion carried with 13, 0, 0

2. Minutes Approval from the July 30, 2021 meeting

Motion to Approve by D. Sanders 2<sup>nd</sup> R. Koester  
Motion carried with 13, 0, 0

\*\*\* Members Joined\*\*\*

3. **Final Report:** TR-705, “Evaluation of the Performance of a Short-Span T-Beam Bridge”, Behrouz Shafei, Iowa State University, \$89,129, (15 Min)

**Motion to Approve** by D. Sanders, 2<sup>nd</sup> R. Knoche  
Motion carried with 13, 0, 1

4. **Final Report:** TR-773, “Development of Non-Proprietary Ultra-High-Performance Concrete (UHPC) for Iowa Bridges”, Behrouz Shafei, Iowa State University, \$135,000 (15 Min)

Motion to Approve by W. Dotzler, 2<sup>nd</sup> T. Roll  
Motion carried with 13, 0, 1

## 5. New Research Idea Ranking

The IHRB selected 2 ideas to advance to project development, with the intent of developing an RFP for each project.

- 1- [#3434 -Effectiveness and Guidance of Aggressive Rehabilitation of Gravel Roads](#)
- 2- [#3429 -Iowa Law Manual for Local Public Agency Road Departments](#)

**Motion to Approve** by R. Koester, 2<sup>nd</sup> J. Fantz  
Motion carried with 13, 0, 1

## 6. New Business:

- a. TR-789 - Additional Funding Request: [Implementing Self-Heated Concrete System in Iowa City](#), \$100,000

The City of Iowa city is requesting an additional \$100,000 to assist in implementing heated concrete into the project due to higher alternate bid for the project.

**Motion to Approve** by T. Kenney, 2<sup>nd</sup> S. Okerlund  
Motion carried with 13, 0, 1

- b. Matching Fund Request: [Collection of unpaved road strength modulus values using validated intelligent compaction \(VIC\) technology \(#3481\)](#) \$250,000

**Motion to Approve** by J. Fantz, 2<sup>nd</sup> A. McGuire  
Motion carried with 13, 0, 1

## 7. Adjourn

The next regular meeting of the Iowa Highway Research Board is scheduled for Friday, October 29, 2021 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 October 28, 2021 if you would like to attend the meeting online.

VG