

# IOWA HIGHWAY RESEARCH BOARD (IHRB)

Minutes of June 28th, 2024

## **Regular Members Present**

J. Hauber  
D. Skogerboe  
D. Harness  
R. Koester  
R. Knoche  
A. Bradley  
D. Sanders  
T. Roll  
T. Wolken

## **Alternate Members Present**

J. Lang  
A. McGuire  
B. Wilkinson  
D. Davenport  
A. Kersten

## **Members with No Representation**

A. Clemons

## **Executive Secretary**

V. Goetz

## **Administrative Assistant**

T. Bailey

## **Visitors**

Khyle Clute	Iowa County Engineers Association
Lee Bjerke	Iowa County Engineers Association
Sunghwan Kim	Iowa State University
Abdullah Sourav	Iowa State University
Wayne Sunday	Iowa State University
Justin Dahlberg	Iowa State University
Alireza Sassani	Iowa State University
Omar Smadi	Iowa State University
Chris Cromwell	Federal Highway Administration
Luci Cawley	Federal Highway Administration

### 1. Agenda review/modification

Motion to Approve by D. Sanders 2nd by J. Hauber  
Motion carried with 14, 0, 0

### 2. [Minutes](#) Approval from the March 29, 2024 meeting

Motion to Approve by A. Bradley 2nd by D. Sanders  
Motion carried with 14, 0, 0

3. Final Report ST-015, [“Guidebook for Application of Polymer-Modified Asphalt Overlays: From Decision-Making to Implementation”](#), Omar Smadi, Iowa State University, \$40,000 (15 min)

Motion to Approve by T. Roll 2nd by R. Knoche  
Motion carried with 14, 0, 0

#### 4. IHRB Ranking of New Ideas

Voting to move the top four projects

Motion to Approve by T. Roll 2nd by A. McGuire  
Motion carried with 14, 0, 0

[3971 Determination of the Bridge Skew When Deck Placement Machine Finishing Is To Be Required to be Done On-the-skew](#)

[3972 Rapid Repair of Overlays, Joints, and Approaches: Phase II](#)

[3979 Advanced Testing and Characterization of Iowa Soils and Geomaterials-Phase 2](#)

[4005 Advancing Pioneering Design Techniques and Developing Innovative Approaches for Otta Seal Field Implementation in Iowa](#)

#### 5. IHRB Project Update – V. Goetz

Projects have been in development for a while. Two projects are now ready to go to RFP, so they will be reviewed in July for September posting. V. Goetz has reached out to all project champions for an update. With new FY funding, V. Goetz will start greenlighting more projects towards proposal.

#### 6. STIC and AID Project Update – Linda Su

##### AID

The Notice of Funding for Fiscal Year 23-26 aid was announced last Fall, the first round of application was due January 2024. We did not receive any proposals in time to apply for that round. We did submit proposals last month for the second round of applications for FY24. The first application is in partnership with the Counties for “Orthotropic Steel Decks for Commonplace Bridges” The primary goal to assist Counties with those bridge replacements and rehab and also creating the groundwork and Developing Iowa OSD bridge standards. This application was for the full amount, one million. State IHRB match is a quarter million. The total project cost is 1.25 million.

Second application was for the State, “Expanding Low Visibility Snow Plow Navigation Program”. The primary goal is scaling installation of alert plow system State wide over fifteen garages and mapping service areas. This is a separate application for the full amount of one million dollars and a State IHRB match of a quarter million dollars. The total project cost is 1.25 million.

The anticipated award date for both of these applications is August 30<sup>th</sup> 2024.

The [AID campaign for FY25](#) is currently open on our Ideas website. We are soliciting proposals for the next round. These applications would be due May 25, 2025.

##### STIC

For FY 24 we were awarded 28k to purchase the Concrete Phoenix System, this is equipment that provides a more efficient reliable concrete testing method. The funding was 28k from FHWA and 7k State

match from IHRB. The equipment was ordered several months ago, the expected delivery is sometime this summer.

We were also awarded for FY24 97k and additional 25k from the State IHRB. Project, "Digital As-Built for Asset Management and Load Rating Reference". This project is for developing a web-based system for looking up asphalt information on 3D models.

We received the award memo last week and put the FMIS authorization with FHWA. We should start work with this project soon.

With Both awards we have used all Federal funding available for FY24. The new round of funding should be available this Fall. The [new campaign will open in a few months for FY25](#).

## 7. New Business

W. Rabenberg has left the IHRB board and B. Wilkinson will be IHRB member.

The General Agenda Announcements have moved to Govdelivery System. To register to receive IHRB notifications and agendas, please sign up at [https://public.govdelivery.com/accounts/IACIO/subscriber/new?qsp=IACIO\\_100](https://public.govdelivery.com/accounts/IACIO/subscriber/new?qsp=IACIO_100)

## 8. Adjourn

Motion to Approve by T. Roll 2nd by R. Knoche  
Motion carried with 14, 0, 0

The next regular meeting of the Iowa Highway Research Board is scheduled for July 26, 2024 in the East/West Materials Conference Room at the Iowa DOT Ames Complex.

\*\*\*The July IHRB meeting was cancelled\*\*\*

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