

To Iowa Highway Research Board

Date: April 21, 2021

Attention Regular and Alternate Members

From Vanessa Goetz  
Office Research and Analytics

The Iowa Highway Research Board will meet **on April 30, 2021 at 9:00 am Online via Microsoft Teams Meeting. Please contact [Vanessa.Goetz@iowadot.us](mailto:Vanessa.Goetz@iowadot.us) by 4 pm Thursday April 29, 2021 if you would like to attend the meeting online.**

#### AGENDA

1. Agenda review/modification
2. Minutes Approval from the February 26, 2021 meeting
3. Final: TR-758, *“Use of Cold Gas Dynamic Spraying for Repair of Steel Structures”*, Behrouz Shafei, Iowa State University, \$50,000, (15 Min)
4. Final: TR-720, *“Development of Bio-Based Polymers for Use in Asphalt – Phase II”*, Chris Williams, Iowa State University, \$174,998, (15 Min)
5. Final: TR-723, *“Implementation of the Negative Moment Reinforcing Detail Recommendations”*, Brent Phares, Iowa State University, \$149,197, (15 Min)
6. Final: TR-746, *“Impacts of Internally Cured Concrete Paving on Contraction Joint Spacing Phase II: Field Implementation of Internally Cured Concrete for Iowa Pavement Systems”*, Peter Taylor, Iowa State University, \$263,903, (15 Min)
7. [STIC Incentive 2021](#) New Idea Ranking:
  - a. [e-Ticketing and Digital As-Builts: implementation in rural areas \(#3428\)](#) - \$40,000
  - b. [Data Driven Approaches to Identifying Multiple Streams of Information to improve TIM Training and Collaboration Opportunities. \(#3425\)](#) - \$35,000
  - c. [Guidebook for Application of Polymer-modified Asphalt Overlays: from Decision-Making to Implementation \(#3424\)](#) - \$40,000
  - d. [2021/2022 Iowa Tribal Summit \(#3418\)](#) - \$15,000
  - e. [UHPC Preservation and Repair: Peer Exchange with Iowa DOT \(#3415\)](#) - \$25,000
  - f. [Development of Digital As-Built for Use in Future Asset Management Applications \(#3410\)](#) - \$50,000

8. 13<sup>th</sup> International Low Volume Roads Conference – Funding Discussion

9. New business

10. Adjourn

The next regular meeting of the Iowa Highway Research Board is scheduled for June 4, 2021 Online via Microsoft Teams Meeting. Please contact [Vanessa.Goetz@iowadot.us](mailto:Vanessa.Goetz@iowadot.us) by 4 p.m. Thursday June 3, 2021 if you would like to attend the meeting online.

VG