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Research & Analytics

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To: Iowa Highway Research Board Date: September 21, 2021

Attention: Regular and Alternate Members

From: Vanessa Goetz, P.E. Office: Research and Analytics

The Iowa Highway Research Board will meet on September 24, 2021 at 9:00 am in the East/West Materials Conference Rooms at the Iowa Department of Transportation, 800 Lincoln Way, Ames, Iowa. Everyone is welcome to attend. Please go to the DOT Main entrance and obtain a visitor pass.

AGENDA

- 1. Agenda review/modification
- 2. Minutes Approval from the July 30, 2021 meeting
- 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)
- 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)
- 5. New Research Idea Ranking
 - a. #3457 UHPC Girder with Post-Tensioning
 - b. #3434 Effectiveness and Guidance of Aggressive Rehabilitation of Gravel Roads
 - c. #3429 Iowa Law Manual for Local Public Agency Road Departments
- 6. New Business:
 - a. TR-789 Additional Funding Request: <u>Implementing Self-Heated Concrete System in lowa City</u>, \$100,000
 - b. Matching Fund Request: <u>Collection of unpaved road strength modulus values using</u> validated intelligent compaction (VIC) technology (#3481) \$250,000
- 7. Adjourn 11:30 am

The next regular meeting of the Iowa Highway Research Board is scheduled for October 29, 2021 at a location TBD.