

<b>Ahmed AlBughdadi, PhD</b>	
Research Scientist, Institute for Transportation Iowa State University 2711 South Loop Dr. Suite 4700 Ames, IA 50010	515-294-4285 <a href="mailto:bughdadi@iastate.edu">bughdadi@iastate.edu</a>  <b>IOWA STATE UNIVERSITY</b> Institute for Transportation

## EDUCATION

- PhD, Transportation Engineering, Iowa State University, Ames, IA
- MS, Construction Engineering, The American University in Cairo, Egypt
- BS, Construction Engineering, The American University in Cairo, Egypt

## PROFESSIONAL EXPERIENCE

Iowa State University (ISU), Department of Civil, Construction and Environmental Engineering, Institute for Transportation

- Research Scientist, 2023–present
- Postdoc Research Associate, 2022–2023

## SELECTED RESEARCH PROJECTS

- *AASHTOWare BrM Bridge Management System Implementation and Operation*, Iowa DOT
- *Statewide Pavement Marking*, Iowa DOT
- Traffic Operations research, Iowa DOT
- *Protocols for Concrete Bridge Deck Protections and Treatments*, WisDOT
- *Characteristics of Decommissioned Bridges*, NCHRP

## SELECTED PUBLICATIONS

- Bektaş, B. and A. J. Albughdadi. 2022. Cost-Effective Life Cycle Treatment Plans: A Case Study for Wisconsin Decks. In *Bridge Safety, Maintenance, Management, Life-Cycle, Resilience and Sustainability*, CRC Press, Boca Raton, FL, pp. 2354–2361.
- Bektas, B., A. Albughdadi, K. Freeseaman, and B. Bazargani. 2020. *Protocols for Concrete Bridge Deck Protections and Treatments* (No. WisDOT 0092-18-03). Wisconsin Department of Transportation, Madison, WI.
- Bektas, B. A. and A. J. Albughdadi. 2020. Drivers of Bridge Decommissioning in the United States. *Transportation Research Record: Journal of the Transportation Research Board*, Vol. 2674, No. 8, pp. 591–603.

## PROFESSIONAL AFFILIATIONS, HONORS, AND SERVICE

- Research Excellence Award
- International Road Federation (IRF) Fellow
- Friend of multiple TRB committees
- American Society of Civil Engineers (ASCE)