



# Mahfuz Rahman

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ADVISOR/MENTOR: Dr. Hindi  
SPONSOR/GRANT: IDOT  
PROGRAM START: Spring 2015

## BIOGRAPHY

Mahfuz Rahman is a Ph.D. candidate in the Department of Civil Engineering at Saint Louis University. He was born in Dhaka, Bangladesh. He completed his Bachelor of Science degree in civil engineering from the Military Institute of Science and Technology (MIST). He also completed his Master of Science in earthquake engineering from Kookmin University, Seoul, South Korea. He focused on structural seismic design and completed a project in the area of soil-structure interaction of containment building of nuclear power plants. With the dream of learning the most advanced and most cutting-edge knowledge in bridge engineering, he entered into United States and continued to be a doctoral student as a research assistant in civil engineering at the Saint Louis University.

## RESEARCH

Rahman's area of research interest includes experimental, analytical and finite element modeling of bridges and seismic analysis on structure. Currently he is working in a project funded by IDOT to mitigate the shrinkage cracking in concrete bridge decks. Large-scaled experimental modeling along with real field bridge monitoring are the main two parts of his project. He also performs finite element modeling to investigate structural behavior on the bridge.



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