Critical Infrastructure

Current Projects:

Project Title: Performance Evaluation of Very Early Strength Latex Modified Concrete (LMC-VE) Overlay
PI/Co-PIs: K. Wang; K. Freeseman, and B. Phares;
Sponsor: Iowa DOT
Funding: $173,404; 2/2019 - 2/2024

Project Title: Accelerated Simulation of Realistic Granular Soils Using PhysX Engine
PI: Junxing Zheng
Funding Agency: National Science Foundation
Dollar Amount and Duration: $308,367; 9/2019 - 8/2022

Completed in 2019:

Project Title: Hybrid Concrete for Advancing Pavement Performance
PI: K. Wang
Sponsor: Midwest Transportation Center (MTC)/Iowa DOT
Dollar Amount and Duration: $45,000; 3/2017 - 3/2019

Completed in 2015:

Project: Self-consolidating Concrete for Cast-in-Bridge Components
PI/Co-PIs: G. Morcous, K. Wang, S.P. Shah, P. Taylor
Sponsor: National Cooperative Highway Research Program (NCHRP)
Dollar Amount and Duration: $122,801; 7/2011 - 6/2015