Enhancing Infrastructure Inspection with Advanced Technology

AI Engineers, Inc. (AIE) has conducted conventional structure inspections for over 30 years. In the last 8 years, advanced technology like UAS, LiDAR, and wireless sensors has enhanced the evaluation projects. Through strategic partnerships, AIE integrates engineering, computer vision, deep learning, and AI to monitor infrastructure, prioritize repairs, and optimize spending. Deliverables include annotated 3D models, orthomosaic images, and detailed reports, supporting digital asset management. This repeatable process tracks structural changes over time, ensuring safety and efficiency. The data is also leveraged for digital delivery, creating detailed BrIM, BIM, and other asset management resources.

Kevin Hussain
Vice President, AI Engineers

Kevin has over 19 years of experience in project management, construction admin, inspection, and design. His expertise includes innovative methods like UASs (Drones), 3D laser scanning, AR/VR and mixed reality, and 3D printing. He's managed complex bridge projects across multiple states, from schematic design to construction administration and quality control.

Michael Giacco
Associate Vice President, AI Engineers

Mike has over 20 years of experience in the AEC industry. He's an FAA Part 107 Licensed Remote Pilot-in-Command and leads the company's Unmanned Aerial Systems (UAS) and other technology initiatives program. Mike and his team utilize AI for structure evaluation and manage various UAS operations for bridge inspection, surveying, and emergency response.

- **FOOD WILL BE PROVIDED**
- **Scan the QR code to sign up**
- **Time: Wednesday Feb. 14th, 12:45 pm – 2:00 pm**
- **Location: HC 112 Concrete Lab**