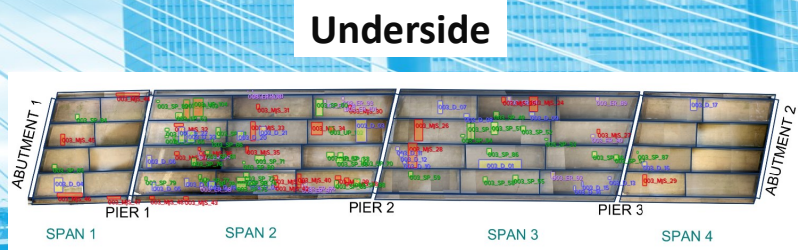
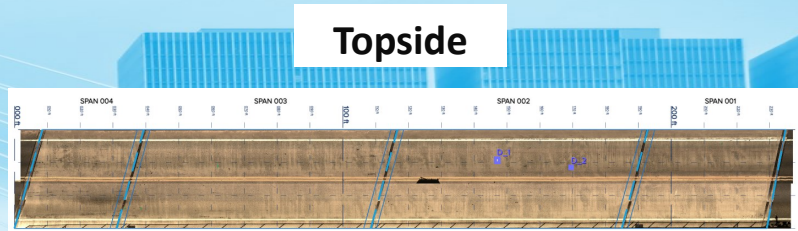


The first of an ongoing relationship with various MD agencies, this project demonstrated the use of visual, IRT, and GPR scanning for full bridge scanning, including the deck top, superstructure, and substructure.

The deck top was captured by mobile vehicle while the underside and piers were captured by cart-mounted or hand-held sensors. The imagery was brought into our online platform for analysis and reporting, from which we displayed the results.

The analysis results were compared to existing, recent hands-on inspections. They were found to be highly correlative, even uncovering additional deficient findings like delamination which was missed by the hands-on inspection.



Project Details

Client	Maryland Agency
Reference	Mark Wolcott mark.wolcott@iseeusa.net
Surface Area	6 Bridges, >50,000ft ²
Project Period	Fall 2020

Impression

The successful implementation of the visual, IRT, and GPR scans proved to the agency that valuable and accurate information on the full structure surface and subsurface can be obtained in a manner that does not obstruct traffic flow. It also contributed to creating baseline datasets for the target bridges that can be used for comparison in subsequent scans.