



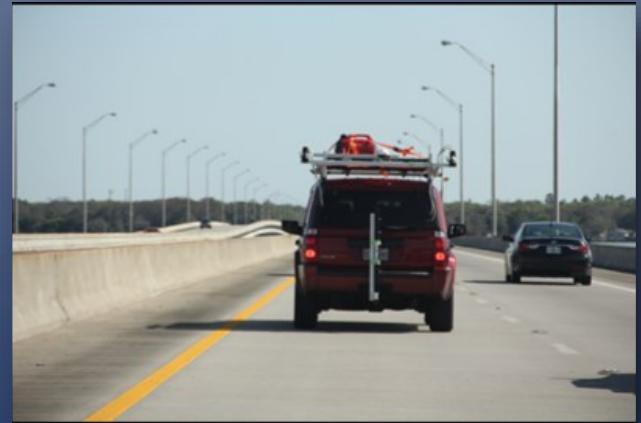
Florida Turnpike Enterprise Bridge Inspection at Lake Jessup

SUMMARY

In 2014, NEXCO-West USA worked with the Florida Turnpike Enterprise to study NDT applications. As a test subject, SR477 over Lake Jessup was chosen to evaluate how NEXCO's digital imaging and infrared (IR) technology could capture inspection data across large surface areas.

In order to detect surface and subsurface deficiencies across the entire structure, two different data collection strategies were employed: mobile deck top scanning and on-foot/boat-mounted scanning. Element-level inspection data for the reinforced concrete deck, prestressed beams, and parapets was analyzed, and a report was generated detailing the total quantities of findings for reach element.

The accuracy of both collection was demonstrated and the owner obtained quantities that could be compared to future inspections. It was determined that both the mobile deck scanning and on-foot underside scanning methods were repeatable and ideally could be used on a routine basis.



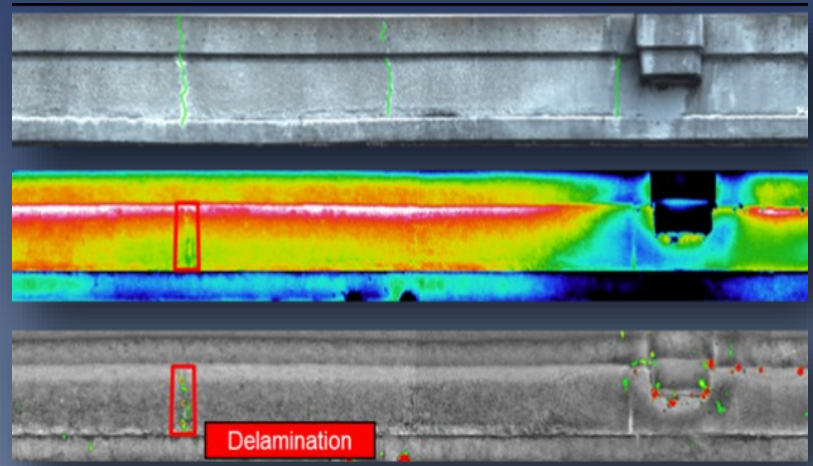
OVERVIEW

Client: Florida Turnpike Enterprise

Contact info: Aran M. Lessard
(954-934-1234)

Quantity: 700,000 sqft

Project period: Jan. 2014 - Jun. 2014



NEXCO - West USA
8300 Boone Blvd. Suite 260
Vienna, VA 22182

+1 (703) 734 - 0281
info@w-nexco-usa.com
www.w-nexco-usa.com