

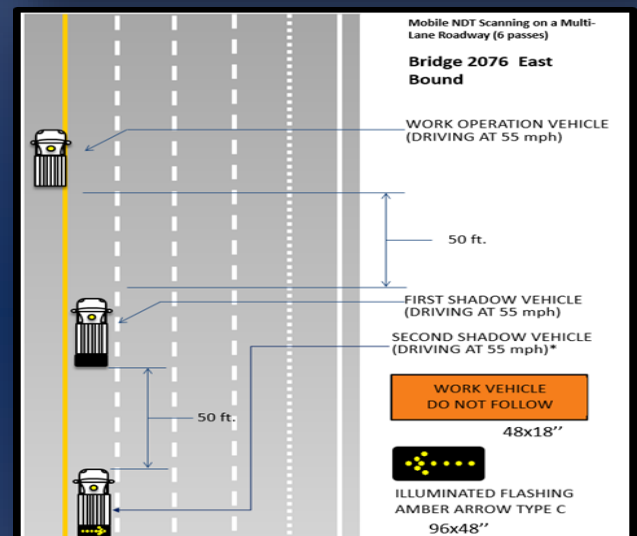
**VDOT**

# Infrared Bridge Deck Scanning

## SUMMARY

In 2017, NEXCO-West USA provided a network-level concrete bridge deck scanning service for VDOT (the Virginia Department of Transportation). This mobile non-destructive testing effort included high-definition visual and infrared thermography (IRT) in accordance with the American Society for Testing and Materials (ASTM).

Using our Deck Top Scanning System (DTSS), NEXCO collected real-time infrared images of the deck surface at highway speeds. The written report was submitted to the client in the form of plan-view maps of each target bridge, showing areas and quantities for each defective feature. Augusta, Bristol, Salem, Lynchburg, Richmond, Fredericksburg, Culpeper, and Northern Virginia were the VDOT districts involved in this project.



## OVERVIEW

**Client:**

VDOT

**Contact info:**

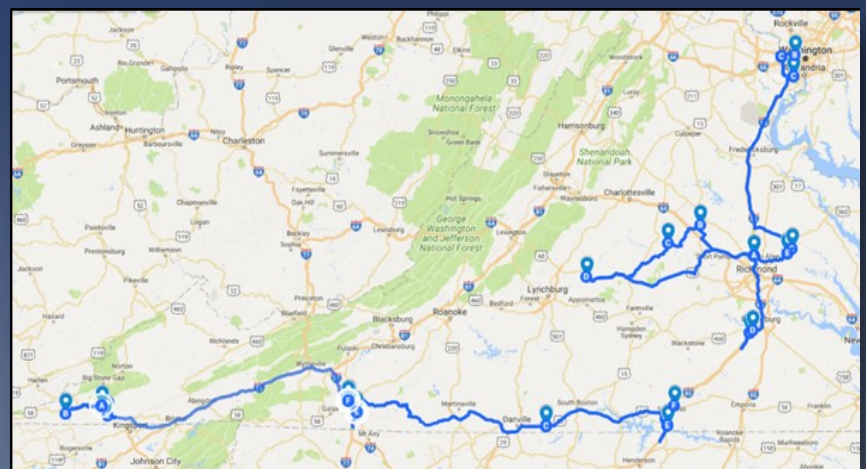
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**Quantity:**

Total deck area : 314,953 sqft

**Project period:**

Sep. 2017 - Dec. 2017



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