

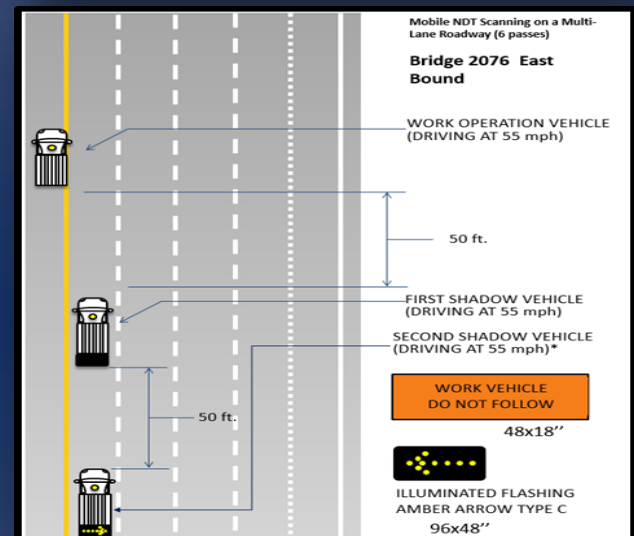


# VDOT Infrared Bridge Deck Scanning

## SUMMARY

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

Using Deck Top Scanning System (DTSS), NEXCO collected real-time infrared images of the deck surface at highway speeds. The written report was submitted to VDOT's Contract Administrator and included a map of each bridge showing areas and quantities for each of the defective features. Augusta, Bristol, Salem, Lynchburg, Richmond, Fredericksburg, Culpeper, and Northern Virginia were the VDOT districts involved in this project.



## OVERVIEW

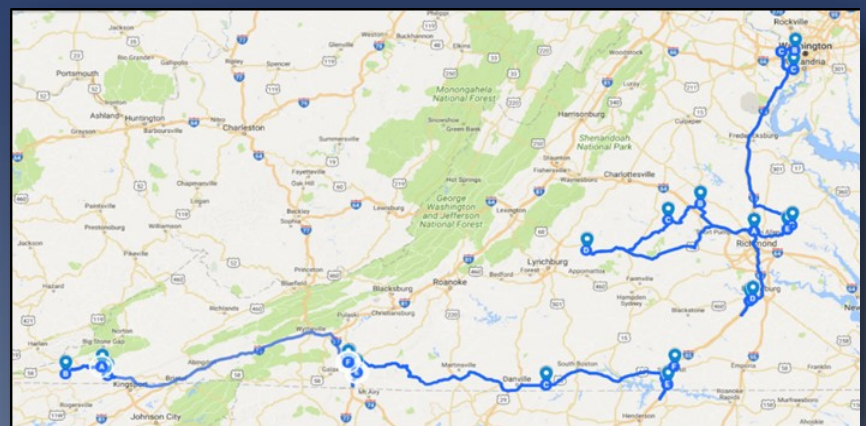
**Client:** VDOT

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**Contract amount:** \$15,000-\$25,000

**Quantity:** The total deck area is 314,953 sqft

**Project period:** Sep. 2017 - Dec. 2017



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