

## Drexel University, FHWA Deck Top Scanning

The Federal Highway Administration renews an Exploratory Advanced Research contract every ~5 years. As part of this ongoing research, the University of Drexel set out to evaluate the application of various NDE techniques to bridge decks. One of the target bridges selected for the project carries I-76 outside of Philadelphia, PA. NEXCO participated to provide an infrared an high-definition visual scan of the deck.

Of the various techniques applied, the infrared and visual scan was the only method which located the deficiencies in question without a lane closure. It proved an effective method for to making judgement calls on the overall condition of the deck.





## **OVERVIEW**

**Clients:** 

Drexel University, FHWA

**Contact info:** 

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**Contract amount:** 

Total contract value: \$4,000,000 Consultation value: \$5,000—\$8,000

Quantity:

Deck length of 1,300 ft., three traffic lanes **Project period:** 

Apr. 2017 - May. 2017



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