



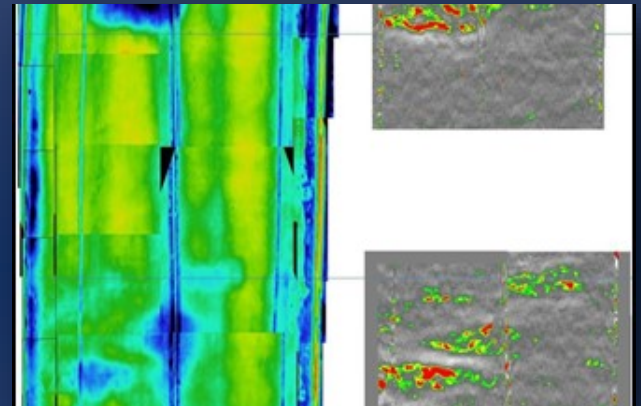
Rutgers University Infrared Combinations

SUMMARY

In 2015, NEXCO-West USA worked with Rutgers University to combine non-destructive testing technology. The purpose of this project was to provide NEXCO's infrared bridge deck condition assessment technology and, in addition, to support more efficient long-term bridge condition monitoring by collaborating with the Robot Assisted Bridge Inspection Tool (RABITTM).

RABIT was a research conducted by FHWA and Rutgers University which selected the best performing non-destructive inspection technologies of each manufacturer one by one and brought them together into a "non-destructive inspection robot."

At the corridor level inspection, NEXCO's IRT technology provides the bridge owner with useful information to prioritize specific bridge deck areas for more detailed assessment and allocate their limited budget/resources more efficiently.



OVERVIEW

Client: Rutgers University

Contact info: Dr. Nenad Gucunski
(848-445-2957)

Contract amount: \$ 80,000-\$110,000

Quantity: Infrared bridge deck assessment system which includes software, annual license and support fee, user guide, IR Camera, and accessories, as well as training fees.

Project period: Aug. 2015 – Feb. 2017



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