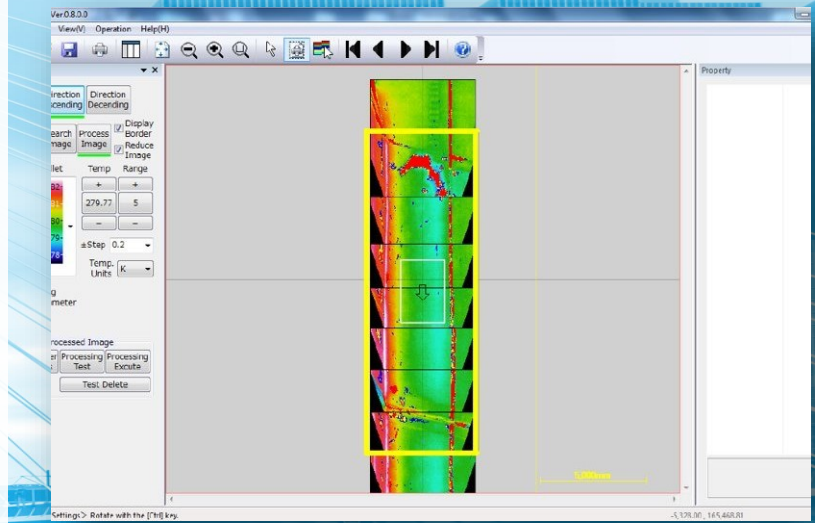# IrSUITE Purchase and Training

NEXCO WEST

An agency reached out to NEXCO in 2021 recognizing the benefits of using IrSUITE, our infrared imaging processing software, for the analysis of bridge decks. After demonstrating the software's image stitching and analysis capabilities on a few demo bridges, the software license was sold and training was carried out at the agency's maintenance facility.

IrSUITE is currently being used by the client to integrate visual, infrared, and GPR datasets to rapidly and accurately determine the location and nature of deficient findings in roads and bridges. Automatically stitched IR images are geolocated or output into separate image files into visual and numerical reports.

Project Details

Agency Name Withheld	
Reference	Withheld
Surface Area	NA
Project Period	9/2021

Impression

There are few software that handle raw IR files for civil structure inspections. IrSUITE is a standout among these choices because of automated stitching and an auto rating function which assists with data analysis. The auto rating function picks out places with temperature differentials indicative of delamination, making review of the data a bit easier for analysts.

NEXCO provided training for the client to the extent that they could operate the software and integrate it into a workflow within a week's time.

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