



Infrastructures Project Profile

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PROJECT: FTI-2-2012



Bridge Over Delaware River

Application: FTI StopCrackEX

Customer: New York State Department of Transportation (NYSDOT)

Project Date: April 24, 2012

Project Location: NYSDOT BIN: 1053430, Bridge Over Delaware River, Margaretville, NY 12455

Project Status: Open

Project Description

NYSDOT BIN 1053430 had been red flagged following identification of a cracked floor beam 8, left truss, begin side. The crack is located in the floorbeam where they are flame coped at the top and bottom to facilitate connection to the truss. Flame damage and grooves had necessitated bolted repairs at several locations. One unrepaired location in floorbeam 8 had developed a crack which extended 1.25 inches above the bottom of the connecting angle.

NYSDOT had requested FTI install StopCrackEX at the end of this crack to evaluate how effective the process would be at arresting this type of crack.

General Comments

Access was gained to the location of the crack and the 1/2 inch StopCrackEX hole was drilled ahead of the visible crack tip, leaving approximately 1/16 inch from the tip of the crack to the edge of the hole. The StopCrackEX bushing was installed in the hole using the FTI tooling.

Current Status: Crack will be monitored during routine maintenance

FTI Contact: Len Reid, Vice President Technology
Phone: 206.246.2010



Before Repair: Location of Crack



After Repair: StopCrackEX Installed



For additional information, questions, or comments please contact sales@fti-infrastructures.com