

Project Brief

INDOT Fire Damage Structural Strengthening



Vigo County, IN
October 2006



The bridge carrying Fruitridge Avenue over I-70 in Honey Creek Township, Indiana was damaged by fire. Indiana's Department of Transportation put out a bid to repair the bridge. Some of the work included the use of composites to repair the damaged areas.

Concrete repairs were performed and protected with two layers of the Tyfo® SEH-51A System (glass composite). The Fibrwrap® System was finished with a masonry product that had to match the existing color. This was a challenge as only one section of the bridge was damaged.

The installation of Fibrwrap® over concrete repairs is an ideal long-term solution for the protection of concrete areas. The FRP seals the concrete, protecting it from the elements and reduces the possibility of the steel corrosion.

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