



ALERT TRAVELERS and QUICK REPAIRS KEEP MODOT HWY 22 SAFE

Project Type:

Road/Bridge

Application:

Bridge deck repair

Location:

Audrain County, Missouri

Project Dates:

February 11, 2020

Project Owner:

Missouri Department of Transportation (MoDOT)

Contractor:

Northeast District Bridge Crew

Product:

Rapid Set® DOT Cement

In Missouri, motorists traveling on Highway 22, just east of Centralia in Audrain County, reported a large hole in the Youngs Creek Bridge deck at 11:30 a.m. The large hole in the westbound lane of the 67-year-old bridge created a safety concern for travelers.

The Missouri Department of Transportation's (MoDOT) Northeast District bridge crews responded and immediately closed the westbound lane. To tackle this critical repair, CTS Cement's Rapid Set DOT Cement was recommended, as it is used throughout Missouri for bridge repair operations.

Rapid Set DOT Cement is preferred because it is ready for traffic and loading in 1 hour, allows for customized mix designs according to the application, and contains integral air entrainment for long life in freeze-thaw regions.

To facilitate the size of the repair, the St. Louis District bridge crew was called to provide a volumetric mixer truck, which could quickly mix the large volume of material needed.

CTS' manufacturing plant and distribution facility in Mexico, Mo., arranged for an after-hour pickup of material. MoDOT's crews picked up the extra materials needed for the emergency repair, which started around 4:00 p.m. the same day. Due to the experience and knowledge of

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the MoDOT bridge crews, and the Rapid Set DOT Cement's quick setting, low-shrinkage and resistance to chemical attack qualities, the bridge on Highway 22 was reopened to traffic at 11:30 p.m.

The result was the traffic had very little disruption during the repair and the Missouri residents now have a safe driving experience.



CTS Cement Manufacturing Corporation manufactures Rapid Set professional-grade cement products for concrete repairs and new construction projects. Contractors, owners, engineers and architects choose Rapid Set to eliminate problems they have with other concrete repair materials, to save time and money, when superior durability is required and results need to be aesthetically pleasing. For more information about CTS Cement and Rapid Set, please visit www.CTScement.com.

ABOUT CTS CEMENT

