

Maintenance of Traffic

Missouri 79

Ralls and Marion Counties, Missouri

Project Overview

This 7.7 mile highway is vital to the region's industry and tourism, so when it needed to be resurfaced, keeping the road open and finishing the work on time were very important. Flooding just prior to the project meant paving during the prime tourism season and during the two hottest month. The delay, along with the requirement to pave during two of the hottest months of the year were no match for the team who completed the project more than two weeks early. Maintenance of traffic was one reason why.

MOT Variables

- Missouri DOT and Chester Bross developed a traffic control plan, but reassessed it after flooding occurred.
- The project was divided into two phases, allowing one lane of traffic to be open during the whole project.
- This allowed access to residences, businesses, tourist attractions, and county roads during the whole project.
- Among those businesses were a national paint manufacturer and a leading cement producer (Continental Cement), which relied on the highway for trucking products to customers.
- Missouri DOT and the contractors met with emergency management officials, which resulted in special signs, a 24-hour hotline, and a process to allow emergency vehicles to travel against traffic, if needed.



Fast Facts

Owner

Missouri DOT

Contractor

Chester Bross

www.cbrossgroup.com/

Contract Value

\$4.54 million

Concrete Cost

\$2.36 million

Paving Completion

October 2013

Rural, two-lane overlay project

- Tourist attractions, welcome centers, the local Chamber of Commerce, the city of Hannibal, and the Missouri DOT all included consistent messages on their web sites.
- Messages advised project status and notified site-visitors that Mark Twain Cave and Sawyers' Creek Fun Park were open during construction.

Construction Factors

- Project included a 5 in. thick concrete overlay with 12 ft driving lanes, as well as 6 ft. paved shoulders with bicycle lane designation.
- Project was completed early and within 1.03 percent of the original project estimate.
- IRI was 250 in. per mile, but after grinding, averages 39.2 per mile.

Other Factors

- In addition to serving industry, business, and residents, this section of highway is a part of the 3,000 Great River Road.
- This scenic route is popular among tourists, bicyclists, and runners throughout the year.



Presented by the

Missouri-Kansas Chapter, ACPA
 10707 Barkley Street
 Overland Park, KS 66211
 913.381.2251

Todd LaTorella, P.E.
 Executive Director
toddl@moksacpa.com | email
www.mokscapa.com | web



MOT-9-2015