



FAST CAST BRIDGE®
PATENT: 11,319,679

BUILT FAST AND BUILT TO LAST

PremierSteelServices.com / 918-227-0110

RESTORING ACCESS TO A POPULAR PLACE OF WORSHIP FOR THE MUSCOGEE PEOPLE.



THE CHALLENGE

After heavy flooding in 2019, the Muscogee Nation needed to replace a damaged bridge in rural Okmulgee, Oklahoma. The road leading to Concharty United Methodist Church frequently washed out and became impassable, and the tribe needed a long-term solution.

The Concharty Bridge is more than a means for transportation; it is a passage to preserve the longstanding fellowship of the Muscogee people. The tribe needed a turnkey solution, and fast.



THE SOLUTION

In July 2019, Premier Steel custom-designed and built a 8H-20W-20L Fast Cast Bridge® to replace a washed-out, eight-foot circular culvert. It is an AASHTO-rated structure, different than a non-load-rated culvert, and was the first Fast Cast Bridge in the nation to be installed.



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THE PROCESS

From ordering the bridge to the reopening of the road, the entire process took only 2.5 weeks. The installation of the Fast Cast Bridge and concrete work was completed by the Muscogee Nation in eight hours, avoiding the typical long-term road closures associated with conventional bridge installations.

THE RESULTS

The new Fast Cast Bridge, donated by the Muscogee Nation, provides safe access for the Okmulgee community and the members of Concharty United Methodist Church.

“We were fortunate to be able to donate this project for the benefit of the community and the members of Concharty United Methodist Church and replace it with a more sound construction option.”

— James R. Floyd, Principal Chief of the Muscogee Nation at the time of installation



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