



FAST CAST BRIDGE®  
PATENT# 11,319,679

BUILT FAST AND BUILT TO LAST

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ANOTHER PARTNERSHIP  
BETWEEN TRIBAL NATIONS  
AND RURAL COMMUNITIES  
TO QUICKLY ADDRESS  
DANGEROUS AND FAILING  
INFRASTRUCTURE.

## THE CHALLENGE

Bald Hill Road provides access to the Cherokee Nation tribal headquarters in Tahlequah, Oklahoma. Due to historic flooding in Cherokee County, a multi-culvert structure washed out and the road was closed.



## THE SOLUTION

Premier Steel worked with tribal and county transportation officials to design a 12'H x 36'W x 40'L (skewed on a 30° angle) Fast Cast Bridge® in 10 days. While the cost is comparable to traditional bridge/box construction, the big savings is time. Construction of a Fast Cast Bridge entails shorter roadway closures and less of an impact to the traveling public and the environment.



16420 S. Hwy. 75 | Glenpool, OK | 918-227-0110 | PremierSteelServices.com







## THE PROCESS

The bridge was installed in one day—on August 19, 2022—and concrete was poured the following Monday. It was constructed by Anglers GC, LLC, of Porter, Okla. At the time, Anglers had great experience in conventional bridge construction but had never installed a Fast Cast Bridge. The company was excited about the new concept and looked forward to learning the process in anticipation of possible future Fast Cast Bridge installations.

## THE RESULTS

In less than a month and a half after placing the order, the Fast Cast Bridge was installed. The road reopened just in time for the tribe's largest event, Cherokee Nation Holiday, an annual celebration that draws tens of thousands of visitors each year.

**“We fully understand that road and bridge construction can be frustrating for our citizens, and we are always looking for ways to expedite the construction process. This system allows bridges to be built in weeks rather than months.”**

— Michael Lynn, Executive Director  
Cherokee Nation  
Department of Transportation and Infrastructure

**“From our historic self-governance agreement with the United States to these kinds of innovative construction techniques, we are in a new era of progress in improving roads and bridges across the Cherokee Nation Reservation.”**

— Chuck Hoskin, Jr.  
Principal Chief, Cherokee Nation

