

Liberty Memorial Bridge Information Sheet



1922 Liberty Memorial Bridge

The existing Liberty Memorial Bridge was built in 1922 as a final link in the transcontinental highway called the Red Trail, later called the National Parks Highway and then Highway 10. It was the first permanent crossing of the Missouri River in North Dakota. The nearest bridges across the Missouri River at the time were in Sioux City, Iowa, and Great Falls, Montana.

It was christened the Liberty Memorial Bridge in honor of the World War I soldiers from North Dakota.

1922 Bridge Facts

Work began June 1920

Completed September 1922

Construction Cost \$1.375 million

Length 2,550 feet

Two four-foot sidewalks

Deck width (including sidewalk) = 38 feet

Traffic count = Estimated 2,570 vehicles/day

Materials include:

2,800 tons of steel

467 tons of concrete

80,000 rivets

Construction crew members = 200+



2008 Liberty Memorial Bridge

The new Liberty Memorial Bridge is 2,369 feet long with a main span of 1,658 feet across the water. Work began in June of 2006 and the final two lanes were completed in November 2008. Estimated project completion includes completion of the east plaza in 2009 and the two riverside parks in 2010.

The new bridge will continue to honor veterans by recognizing all branches of the military and those who serve our country. Its design incorporates two plazas and five overlooks as a tribute to military veterans.

2008 Bridge Facts

Work began June 2006

Completed November 1, 2008.
Dedicated November 11, 2008.

Construction Cost at this time, project is not yet complete \$49.7 million. Total estimated cost is approximately \$62 million which includes construction, engineering, right of way, bond repayment & utilities.

Length 2,369 feet

One 10-foot sidewalk

Deck width (including sidewalk) = 84 feet 8 inches

Traffic count = Approx. 15,000 vehicle/day

Materials Include:

5,471 tons of steel (reinforcement & structural)

38,946 tons of concrete, 21,000 bolts

Construction crew members = Core crew numbers ranged from 14-40 per day, plus many subcontractors.