

# Omaha Veterans Memorial Bridge

Omaha, NE



The new 4,300-foot Veterans Memorial Bridge in South Omaha, Neb., replaces a narrow and structurally deficient bridge. The river span is a 625-foot truss to accommodate the 590-foot clear navigation span required by the U.S. Coast Guard. The bridge provides a direct route across the Missouri River to the Omaha Stockyards for livestock delivery trucks.

The South Omaha Veterans Memorial was a continuous warren through truss bridge built in 1936 over the Missouri River connecting Omaha, Nebraska with Council Bluffs, Iowa via U.S. Highway 275.

The new bridge provides for four 12-foot-wide thru lanes and a 4-foot-wide raised median with 10-foot-wide shoulders and a 10-foot-wide bike trail. The project used 2800 cubic yards of concrete, 14 miles of piling, 6 miles of prestressed girders and epoxy-coated reinforcing steel (ECR rebar) used to provide corrosion protection to the reinforcing steel throughout the deck.

## Team

### Owner:

Nebraska Department of Transportation  
and Iowa Department of Transportation

### Engineer:

TranSystems, Kansas City, Missouri

### General Contractor:

Jensen Construction

### Design Criteria:

– Provide new structure with increase span  
over Missouri River..

**Total Project Cost:** \$88 million

### Total Size:

LENGTH: 4300 ft

WIDTH: 82ft

### Epoxy-coated Reinforcing Steel:

2,500 tons (total steel)



## Epoxy-Coated Reinforcing Steel

# **COST-EFFECTIVE CORROSION PROTECTION**

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