

I-74 Mississippi River Bridge

Bettendorf IA-Moline, IL

Project Description

The original I-74 suspension bridge was built in 1930 and was twinned with a second span in 1959. The new bridge, which will also be a twin span, will replace the existing bridges. The new structure will include four lanes in each direction as well as a multi-use path for pedestrians.

Owner

Iowa DOT

Contractor

Lunda Construction

Designer

Modeski and Masters

Our Role

McB is providing construction engineering services to Lunda Construction. This includes arch analysis and erection procedures for the 775 ft. main span arches.

Total Contract Value

\$1.2 billion

Timeline

2017 - 2021

Construction Method and Specifications

Basket handle arch built using barge-mounted cranes. Steel arch supported using cable stays, anchored on a temporary steel tower.

