

## 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.

