Broad Avenue Bridge

Albany, GA

Project Description

The new Broad Avenue Bridge in Albany, Georgia is one of four bridges that connect the two halves of the city by spanning the Flint River. The new 4-span cast-in-place segmental bridge replaces a 1920's era structure that was deemed unsafe by the Georgia Department of Transportation. The 320' main span and 172'/180' side spans were built in balanced cantilever using form travelers, while span 4 was cast on falsework over dry ground. The single-cell box is 51'-5" wide and varies in depth from 16'-2" at piers to 7'-2" at midspan.

Owner

Georgia Department of Transportation

Contractor

PCL

Designer

Heath and Lineback

Our Role

McNary Bergeron provided shop drawings for the cast-in-place superstructure segments, as well as construction engineering services to the contractor, PCL. Construction engineering services included longitudinal and transverse construction analyses, geometry control and erection manuals. In addition, McNary Bergeron assisted PCL in revising segment lengths so that an in-house form traveler could be used.

Total Contract Value

$12M

Timeline

2013 - 2015

Construction Method and Specifications

Cast-in-place balanced cantilever using form travelers, variable depth segments