

Fuller Warren I-95/I-10 Interchange

Improvements

Jacksonville, FL

Project Description

The I-95/I-10 “Big I” Interchange underwent a multitude of improvements, including widenings to multiple flyover ramps. These ramps are the third level of the stacked interchange, with interstate bridges below, and surface streets at ground level. The widenings aim to relieve traffic congestion with an additional lane on the ramps.

Owner

FDOT

Contractor

Archer Western Contractors

Designer

GAI Consultants, Inc.

Our Role

McB was responsible for designing the falsework system to support the construction of the straddle beams. Since the new girder lines ran through the straddle beam, the falsework system also had to support the new girder lines prior to the casting. Additional tasks included girder erection of the widening superstructure and lift/rigging details for the truss falsework erection.

Total Contract Value

\$126 Million

Timeline

2017-2021

Construction Method and Specifications

New columns and straddle bents were required to support the new girder lines to make the widening possible in a highly congested area. The main straddle bent beams are integral with the existing and new girder lines to meet the clearance requirements of the Interchange. The 108' long straddle beams are cast-in-place post-tensioned concrete with a 5'-6" wide x 10' deep cross section.

