



Project Name: I4/Lee Roy Selmon Interchange

Location: Tampa, Florida

Owner: Florida Department of Transportation

Client: PBS&J Corporation

Project Facts: I-4/Lee Roy Selmon Expressway Interchange at Tampa, Florida is a multi-level freeway-to-freeway interchange project. It includes 21 bridges, mostly elevated interchange ramps, with a total approximate length of 12 miles. Current construction costs are estimated at \$550 million dollars. PBS&J is the prime consultant for the project. Segmental bridges are being designed by PBS&J and Figg The highly complex project has variable span lengths from 93 ft to 255 ft, pier heights from 20 ft to 90 ft, curvature from 200 ft minimum to straight, cross slope from 3% to 10%, and bridge width from 30 ft to 160 ft. Span-by-span and balanced cantilever construction methods are proposed to construct all the units.

Services Provided: Reviewed the 60% and 90% drawings for constructability. We reviewed the maintenance of traffic plans for the project to determine if there was sufficient space for the contractor to position their cranes. We were required to produce calculations and drawings to determine if standard crawler cranes were capable of erecting the precast segment pieces during various stages of construction.

When: February 2008 thru September 2008

Website Links: <http://www.mytbi.com/urs/content/Design/I4-CrosstownConnector/index.asp>

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