

Construction Data Sheet

Edison Bridge, Fort Myers, Florida

Owner: Florida Department of Transportation

Engineer: HDR Inc., Tampa, Florida

Contractor: Misener Marine Construction, Tampa, Florida

Precaster: Standard Concrete Products, Tampa, Florida

Precast concrete columns and caps are connected with NMB Splice-Sleeves® to create the 70 piers supporting the superstructures of twin bridges. Two months of construction time was saved on each mile long bridge. This concept is now one of Florida DOT's standard details.



The columns are an H-shape with two #14 bars at the end of each 12" thick leg. The H-shape is structurally efficient and easy to inspect. The precast cap is an inverted U-shape to save dead load and facilitate inspection. In the low level viaduct, six columns were erected in one day with three caps the next.

