



Project Name: Earlington Heights (Orange Line) Light Rail

Location: Miami, Florida

Owner: Miami Intermodal Center (MIC)

Client: GLF Construction Corporation

Project Facts: The project is a 2.2 mile long elevated light rail structure that connects the newly constructed Airport Metrorail Station to the new Earlington Heights station which is to be constructed under this contract. The elevated superstructure consists of 19 each cast-in-place pier tables, 540 each precast cantilever segments and 129 each precast U-beam girders. There is approx 6,200 lf of structure that is constructed using U-beams with a cast-in-place deck and an additional 5,400 lf of precast segmental superstructure using the balanced cantilever erection method.

Services Provided: Produced a detailed estimate for the client which included detailed take-offs, project schedule and the solicitation of vendors for the superstructure portion of the project. This included the development and operation of a precast yard, casting and post-tensioning of segments, fabrication and installation of temporary false work for the back spans, forming and placing the cast-in-place pier tables, the erection of the U-beams and precast segments using a launching truss and the forming and placing of the cast-in-place deck for the U-beam portion of the superstructure.

When: June 2008 thru August 2008

Website Links: http://www.co.miami-dade.fl.us/transit/corridor/mic-e_corridor/mic-e_home.asp and http://www.co.miami-dade.fl.us/transit/library/pdfs/corridor/mic-e/MIC_Fact_Sheet.pdf