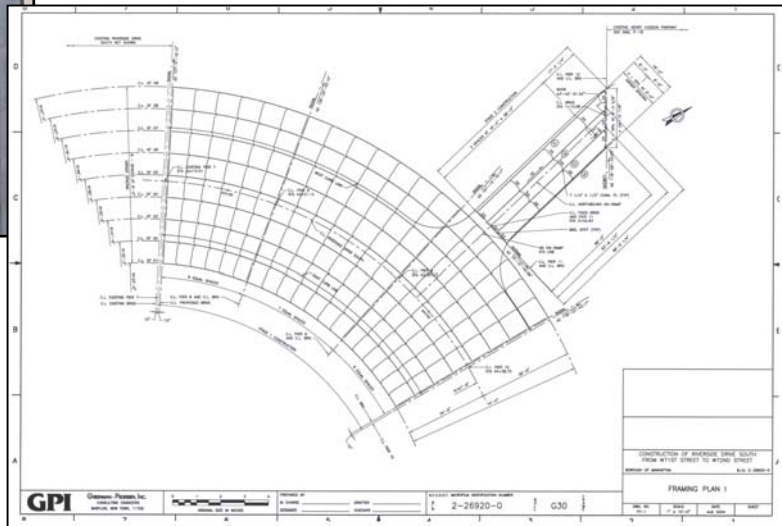


Trump/New World Riverside Drive Bridge

GPI

Bridge Design



Client/Owner: Trump/New World Project Management

Project Location: New York City, NY

The TRUMP/New World Riverside South project is a development presently being built on the 74.6-acre site of the former Penn Central rail yard, located in Manhattan along the Hudson River. The site is bounded by West 72nd Street on the north, 59th Street on the south, Hudson River on the west, Freedom Place and West End Avenue on the east. It includes 17 development parcels (16 residential parcels and one commercial parcel) several structures will be constructed and become part of the newly established public street system.

GPI is responsible for the structural design of the Riverside Drive viaduct structure, which is located between the existing Miller Highway and the buildings that are being constructed under this project. The project is being designed and constructed in two phases. Phase 1, completed in 2002, completed the gap between West 70th Street and West 71st Street along Riverside Drive South. The structural design for Phase 1 consisted of preparing the final design and contract documents for a new four (4) span continuous welded plate girder and composite HP concrete superstructure carried by reinforced concrete column pier systems supported on steel H-piles.

Phase 2, currently in the final design stage, will complete the gap between West 71st Street and West 72nd Street along Riverside Drive South. The structural design for Phase 2 consists of preparing the final design and contract documents for a new three span continuous curved welded plate girder and a single span curved girder structure, both with composite HP concrete superstructures carried by reinforced concrete column pier systems supported on steel H-piles. A new West 72nd Street ramp structure to the Northbound Henry Hudson Parkway is also included in this project.