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# Bronx-Whitestone Bridge

## Replacement of the Bronx Approach and Miscellaneous Repairs to the Queens Approach, BW-89



**Client:** Triborough Bridge and Tunnel Authority

**Project Location:** Bronx, NY

This \$192-million project involves the staged removal and replacement of the Bronx Approach superstructure and substructure from the Bronx Toll Plaza to the Bronx Anchorage. Work includes the installation of excavation support systems, mini-pile foundations and temporary steel support systems to support the existing structure during the staged construction. During the construction of the substructure, there will be massive concrete placements for concrete footings and piers. For the duration of the project, traffic on the bridge must be maintained with five lanes open to traffic. During the staged construction, work includes staged demolition of the existing roadway, installation of multiple continuous steel girders, placement of a staged composite concrete deck, installation of permanent concrete barrier and installation of permanent street lighting. Other work items on the project include new utility systems at the Bronx Toll Plaza, installation of new salt storage dome building and miscellaneous steel and concrete deck repair on the Queens Approach structure.