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# Roosevelt Island Bridge Preliminary & Final Design

# GPI

Bridge Design



**Client/Owner:** New York City Dept. of Transportation  
**Project Location:** New York, NY

The Roosevelt Island Bridge, constructed in 1955, is a moveable bridge that spans the East Channel of the East River between the borough of Queens and Roosevelt Island, in New York City. This bridge is a vertical lift bridge with an eight span, 418-ft through-truss main span, the west flanking span is 99-ft and the east flanking span is 146.5-ft with three 64-ft approach spans. This project is a total design including construction support services. The first phase was the preliminary design and included *in-depth inspection*, bridge rehabilitation project report, preliminary cost estimate and preliminary plans for the structural, mechanical and electrical systems. GPI is managing the entire project with subconsultants for the mechanical/electrical systems and underwater inspections. The project is currently in the final design phase. GPI is performing the structural, civil and traffic engineering, as well as the project management for this \$46-million project.