

# ROOSEVELT ISLAND BRIDGE RECONSTRUCTION PROJECT

## Project Team

### OWNER

New York City Department of Transportation,  
Division of Movable Bridges

### DESIGNER & CONSTRUCTION SUPPORT SERVICES CONSULTANT

Greenman-Pedersen, Inc.

### PRIME CONTRACTOR

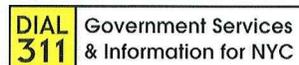
Koch Skanska, Inc.

### RESIDENT ENGINEERING CONSULTANT

Frankfurt/Bergmann Joint Venture

## For More Information

- The 311 system is available 24 hours a day, 7 days a week. Check NYCDOT's website anytime at [www.nyc.gov/dot](http://www.nyc.gov/dot). In addition, NYCDOT has retained a community liaison, Mr. Eric Deutsch, who will work with you. He can be reached at 212-799-8803 ext.24, or [edeutsch@zetlin.com](mailto:edeutsch@zetlin.com).
- Contact your local community board



New York City  
Michael R. Bloomberg, Mayor



New York City  
Department of Transportation  
Janette Sadik-Khan, Commissioner

## History of the Roosevelt Island Bridge

The Roosevelt Island Bridge opened to traffic on May 18, 1955. The New York City Department of Public Works proposed the bridge to address the increasing traffic flow to and from the Island, as well as growing traffic congestion on the Queensboro Bridge. The vertical-lift bridge spans the East Channel of the East River, connecting Roosevelt Island to Queens. More than 9,500 vehicles cross the 1,300-foot long bridge every day, with approximately one-third of them during the morning and afternoon rush hours.

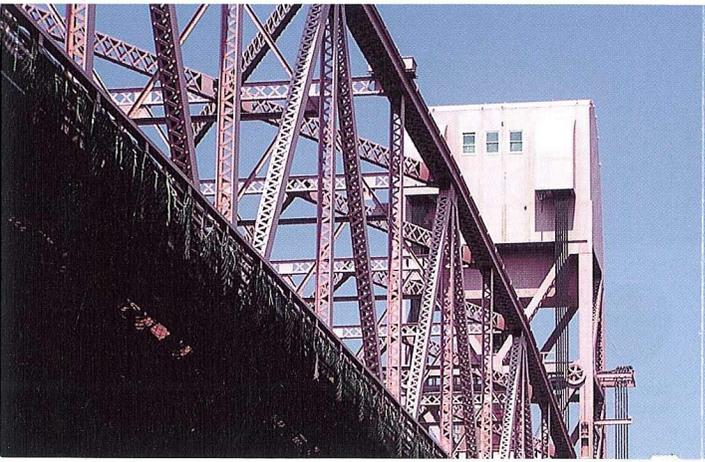
## Scope of Project

The Roosevelt Island Bridge Reconstruction Project will completely overhaul all areas of the Bridge. Reconstruction will take place in three stages over 3 years. During construction, the lift span will remain operational to allow continued passage of marine traffic. The Project's cost is \$86.5-million.

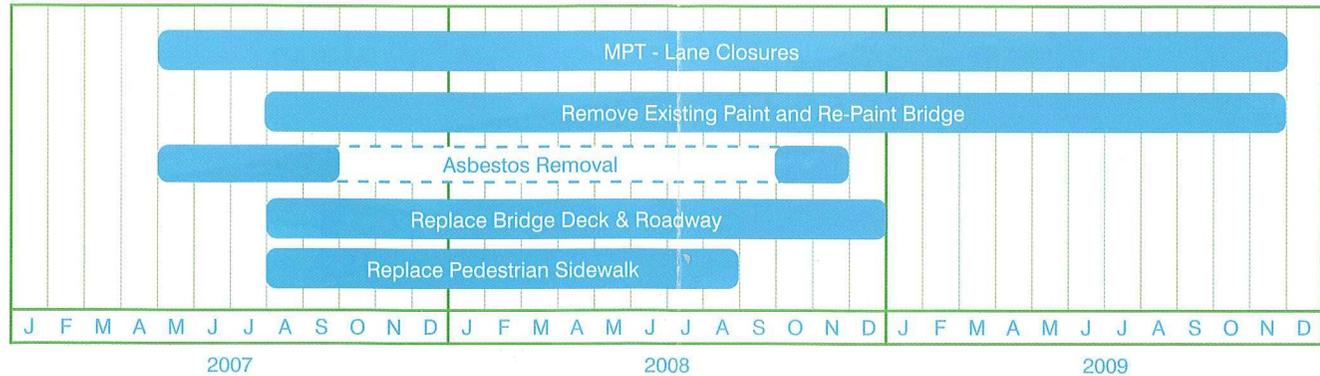
Work performed by NYCDOT on this project will include:

- Replace the entire roadway deck and approaches
- Remove the existing paint and repaint the entire bridge
- Replace all mechanical & electrical systems, including all lights on the Bridge and approaches
- Install new sidewalks and pedestrian safety fencing
- Repair all deteriorated structural elements, river piers and the timber fender system
- Replace bearings to meet current seismic codes

In addition, at the request of the community, a new turning lane from the bridge onto Vernon Blvd. southbound will be constructed and a new traffic light will be installed at 36th Avenue and Vernon Blvd. The turning lane will relieve backups that occur on Roosevelt Island and create a safer crossing for pedestrians.



## Work Schedule



## Minimizing Traffic and Community Impacts

The general hours of construction operations will be Monday through Friday between 7:00 am and 7:00 pm. However, nighttime and weekend operations will take place to complete certain activities on the bridge.

- All staging areas will be located behind a screened fence.
- Active measures will be taken by the Contractor to reduce noise at its source, such as mufflers, sound screens, equipment placement location and use of low noise producing equipment.

Because the Roosevelt Island Bridge is the only means of vehicle access to Roosevelt Island, vehicle and pedestrian traffic will be maintained on the bridge at all times. The Bridge traffic will be maintained in two 10-foot wide lanes, one eastbound and one westbound. When operations that require an expanded work zone are conducted, only one 12-foot wide lane will be open to serve both directions.

- Flag people will be present on both sides of the bridge to direct traffic.
- Reconstruction work requiring a lane closure usually will be conducted between 10:00 am and 3:00 pm, when traffic volume is at its lowest.
- There will be occasional nighttime work, between 8:00 pm and 6:00 am.
- There will be occasional weekend work, from 8:00 pm on Friday until 5:00 am on Monday.
- Both travel lanes will be available on the bridge during non-working hours.
- Pedestrian access will be maintained on the bridge at all times.

## Environmental Mitigation

### Paint Removal Safety Measures

- NYCDOT and its contractor will adhere strictly to the safety requirements regarding lead paint removal as approved by the United States Environmental Protection Agency (USEPA) and Occupational Safety and Health Administration (OSHA), New York City Departments of Health (NYCDOH) and Environmental Protection (NYCDEP) and the New York State Departments of Health (NYSDOH) and Environmental Conservation (NYSDEC).
- The work will be performed within an entirely sealed Class 1A Containment System which prevents materials from escaping the work zone.
  - Filtration of the enclosed air will prevent paint waste dust from being released.
  - The soil and air in the area surrounding the containment enclosure will be monitored and tested.

### Asbestos Abatement Safety Measures

- NYCDOT and its contractor will adhere strictly to the safety requirements regarding the abatement of asbestos containing materials as approved by the United States Environmental Protection Agency (USEPA) and Occupational Safety and Health Administration (OSHA), New York City Departments of Health (NYCDOH) and Environmental Protection (NYCDEP) and the New York State Departments of Health (NYSDOH) and Environmental Conservation (NYSDEC).
- The work will be performed within a sealed area, which prevents materials from escaping the work zone.
  - The air in the area surrounding the enclosure will be monitored and tested.