
AWARD OF MERIT

Rehabilitation of the Cross Island Parkway Ramps, Throgs Neck Bridge, New York

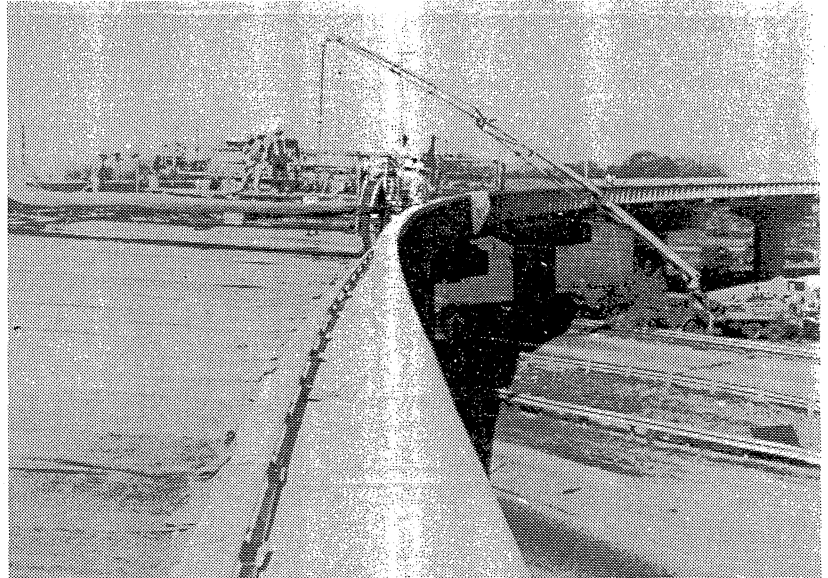
What the Jury Said:
A community-sensitive concrete paving rehabilitation using effective public and private partnering to achieve continuous service and an expeditious and economic construction.

When MTA Bridges and Tunnels began rehabilitation, the on and off ramps between the Cross Island Parkway and the Throgs Neck Bridge had been in service for more than 30 years without a major overhaul. Each day, approximately 62,000 vehicles use the ramps as they drive between the Bronx and Queens.

The Authority's plan called for closing the critical ramps for 12 months for removal and replacement of all deteriorated and unsound areas of concrete and rebar. Approximately 48,000 square feet of 7.5 inch reinforced concrete slab was replaced with a 9.5 inch monolithic cast-in-place reinforced concrete slab.

This included integral wearing surfaces on both ramps, replacement of existing roadway joints with armored joints with compression seals, rehabilitation of the existing drainage system, retrofitting the existing bridge bearings for seismic loading, removal of approximately 56,000 square feet of existing reinforced concrete slabs on grade including subgrade material for both ramps and replacement with 10.5 inch flexible asphalt concrete pavement on a 12 inch granular base, and cleaning and removal of hazardous lead debris.

The Cross Island/Throgs Neck project is an excellent example of successful project partnering and community participation. The Authority entered into a partnering agreement with key members of the



project team soon after contract signing. Because the community was deeply concerned about noisy demolition in their residential neighborhood and the creation of local traffic congestion, the partnership brainstormed ways to mitigate the impact on the community and implemented measures including reduction of the 12 month ramp closure to six months.

As a result, the effects on the community were minimized and the project generated positive local press coverage for MTA Bridges and Tunnels and the other project partners. ■

Owner
MTA Bridges and Tunnels

Structural Engineer
Goodkind & O'Dea Inc.

General Contractor
DeFoe Corporation

Construction Manager
CTE Engineers

Testing Laboratory
Materials Testing Lab, Inc.

Cement Manufacturer
Independent Cement

Concrete Mix Supplier
Ferrara Bros. Building Materials Corp.

Formwork System Supplier
J&B Welding, Inc.

Form Surface Material Manufacturer
Wheeling Corrugating Co.

Concrete Admixtures
Master Builders

Reinforcing Steel Supplier
CFS Steel Co., Inc.

Reinforcing Accessories
Manufacturer
Reforce Steel & Wire Corp.
