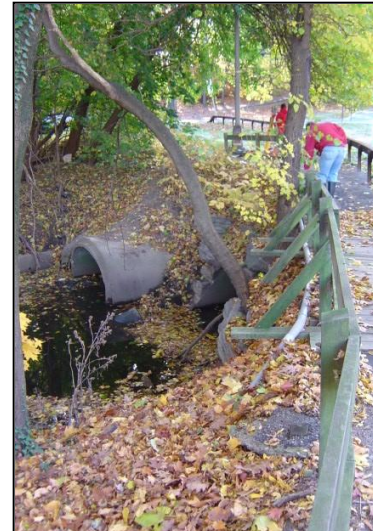

Bronx River Parkway Culverts



Client/Owner: Westchester County Dept. of Public Works

Project Location: Harrison/Yonkers, NY

This project included improvements to two culverts in Westchester County. One was a concrete box located in Harrison under a local street. This required structural improvements including removal and replacement of deteriorated concrete parapets with stone facing, crack repair and replacement of spalling concrete on the sidewalls and top slab, and sidewalk replacement.

The other is located in Yonkers and has two culverts that run beneath the Bronx River Parkway. One culvert is a concrete box and the other is a precast elliptical concrete section running parallel to each other. Work at this location included extending the box culvert and adding cast-in-place concrete end sections with a headwall to both sides of the culverts, improving the channel bottom in the vicinity of the end sections by dredging and adding rip-rap to improve stream flow. Storm water discharge permit applications were prepared and erosion and sediment control plans were developed for this project.