

Client

NYC Department of Housing Preservation
& Development, Division of Architecture,
Construction and Engineering
100 Gold Street
New York, NY 10038
212-963-6287



Project Description

As the prime on this project, the goal of this 30+ acre project is to remove from the "City Map" a portion of Lemon Creek Park where two residences exist and to remove from the "City Map" a mapped portion of Trenton Court where a third residence exists. This project involved the topographical/property-line surveying of the park and surrounding affected properties with all visible above-ground structures and all adjoining street underground structures shown. Input was required from several New York City agencies including NYC Housing Preservation and Development (HPD), NYC Department of City Planning and Surveying Division of the Department of Finance and NYC Department of Parks and Recreation.

First order GPS control was established for horizontal control and tied to Staten Island Borough monuments. Primary Traverse was run to tie to additional boundary control. Bench runs were run from Borough Datum Bench Marks to provide for the necessary vertical aerial control for the production of the topographic mapping within the Staten Island vertical datum. Pierhead and bulkhead lines were mapped along Lemon Creek. Wetland delineation and mapping was performed by in-house staff from our environmental affiliate, Nelson Pope & Voorhis.

Research of boundary lines rejuvenated filed maps from the early 1900's. A 100-year Title search was performed to produce all necessary deeds and maps for approximately 20 affected properties surrounding the project. A metes and bounds description of 2 of the parcels was produced, as well as individual surveys.

Topographical/property line mapping was produced ahead of schedule and is under review with the NYC Department of Planning's Technical Mapping Unit.

