# Green Innovation Grant Program

**Project Title:** Environmentally Sustainable Parking Lot

**Grant Recipient:** Village of Lindenhurst

**Location:** Suffolk County, NY

**Green Infrastructure Practice:** Bioretention, Permeable Pavement

**EFC Grant Amount:** $191,631

**Total Project Amount:** $213,645

GIGP ROUND 1

*Project Completed 08/2010*

## Project Description:

A "green" parking lot was funded at a municipal library located on the South Shore of Long Island, NY. Using permeable pavers and bioswales, the practices were designed to reduce stormwater impacts in the area, and will infiltrate approximately 157,000 gallons of stormwater per year on the site. The pavers have a graded, crushed stone base to promote stormwater infiltration, and wide, shallow bioswales surround the lot, together providing a drainage system that mimics natural hydrology. The sustainable lot is the first of its kind on Long Island and is a source of pride for Lindenhurst residents.

Polluted stormwater runoff is the principal source of nonpoint source pollution and the primary water quality concern in the South Shore Estuary Reserve where the library is located.

*Permeable unit pavers were installed in a new library parking lot at a Long Island library. Designed to convey rainfall through the pavement into an underlying reservoir, the pavers reduce the volume of stormwater runoff from the site.*

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