

NEWSLETTER

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▶ In an effort to bring safer, cleaner and easier to navigate stations, Long Island Railroad (LIRR) developed and implemented the Enhanced Stations Initiative (ESI) Program. The program was implemented in two phases.

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LIRR Enhanced Stations Initiative Program

Hayduk Engineering welcomes...



Sara Sciotto, P.E. to the team as Senior Civil Engineer

Ms. Sciotto has over twenty-seven (27) years of experience in engineering design of highways, including horizontal and vertical alignment, stormwater management, signage and pavement marking, utility coordination, and work zone traffic control. She has completed projects on local roads, arterial streets, and interstate highways. Her experience also includes pedestrian safety, ADA compliance, bicycle accommodation, roadside design, and land development projects. Sara has both a bachelor's and master's degree and is a licensed professional engineer in New York, Arizona, Florida, and North Carolina.

The first phase included eight (8) locations; Brentwood, Deer Park, Syosset, Merrick, Bellmore, Farmingdale, Stony Brook, and East Hampton. The second phase included six additional stations; Great Neck, Bayside, Northport, Valley Stream, Ronkonkoma, and Baldwin. The work in the ESI program included: Platform Replacement/Renewal, Station Building Repairs, Surrounding Station Building Rehabilitation and Amenities Installation including USB charging stations, Wi-Fi, CCTV cameras, bike racks, high efficiency lighting, wayfinding signage and totems, and MTA Arts & Design permanent artwork.

Hayduk Engineering provided full time construction inspection services for the renovations at the East Hampton and Stony Brook station locations as part of the Phase 1 program. Work at these stations included station building rehabilitations, platform repairs, handrail replacement, shelter shed replacement, and station plaza rehabilitation.

As part of the Phase 2 program, Hayduk Engineering provided engineering design and quality control management services which included engineering design of structural improvements at the Northport station, design of a standard foundation detail for the new informational kiosks, and Quality Assurance/Quality Control services for the work at six additional station locations.

Major work on the project concluded in late 2019 and the program has been recognized with several national awards. ■





College Park Wastewater Treatment Plant Improvements

Suffolk County Department of Public Works (SCDPW) owns and operates over twenty-eight Sewer Districts,

including dozens of wastewater treatment facilities and collection systems. The existing Suffolk County Sewer

District (SCSD) #9 – College Park Wastewater Treatment Plant is a 40,000 gpd single train extended aeration plant

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that services an existing residential neighborhood in Selden, NY. The plant was experiencing problems with the effluent disposal leaching field and the County had identified several other items in need of repair, replacement, or upgrade.

Hayduk Engineering was retained by SCDPW as the consulting engineer responsible for the engineering design of improvements to the wastewater treatment plant. The project included a building expansion to house new blowers and new polishing filters (drum filters), electrical upgrades, new chemical storage facilities, and a new emergency power generator. The project also included design of new splitter boxes, conversion of the existing abandoned chlorine contact chamber to a flow meter pit and effluent wet well, and replacement of all aeration equipment with new higher efficiency diffused aeration equipment and blowers. For budgetary purposes, SCDPW elected to install portions of the project in a phased approach. To date, the building extension, electrical upgrades, emergency generator, and new blowers have been installed. Hayduk Engineering provided preliminary design, final design, bidding phase and shop drawing review services for this project. ■

OTHER
COMPANY
NEWS

► NEW HIRES



Sara Sciotto, P.E.
Senior Civil Engineer

► RECENT CONTRACT DESIGNATIONS

PRIME

The Ocean Club Sewer Connection Project
Wastewater Engineering Services

PRIME

Chartwell Hotels Sewer Connection Project
Wastewater Engineering Services

SUB

Cold Spring Harbor Laboratories Cottage Renovations

Analysis/study and report of existing utilities and engineering design of improvements for renovations

SUB

NYSDEC Bay Park Conveyance Project
QA/QC oversight and inspection services

SUB

MTA Bridges & Tunnels Queens-Midtown Tunnel Service Building Electrical Improvements
Electrical and Structural Engineering