

APPLICATION OVERVIEW:

The LIRR Expansion project on Long Island, NY, is one of the region's most significant transportation infrastructure projects. The New Hyde Park Rd. grade crossing in the town of New Hyde Park is one of seven street-level crossings along the LIRR Main Line being eliminated, which will enhance safety within the community and strengthen the reliability of LIRR infrastructure for years to come.

PUMP STATION DETAILS:

Excel Fluid Group worked with the Design-Build team: 3RD Track Constructors which included John P Picone Inc. and Stantec, to propose a turn-key controls building and 8" Sulzer-ABS 42 Hp pumps rated for 3300 GPM each. The precast controls building satisfied the client's concern about field installation issues and ensured all components were factory tested prior to being installed at the jobsite. A CAT generator was also supplied.

INSTALLATION:

The installation was completed by 3RD Track Constructors team and Excel Fluid Group's sub-contractor as shown below:



October 2021

New Hyde Park, NY
MTA Capital Construction
Long Island Rail Road



PUMP SYSTEM

1) EXCEL Triplex Stormwater Pump Station



INSTALL DATE

September 2019



OPERATIONAL IMPROVEMENT

Grade Crossing Elimination



SERVICE AREA

New Hyde Park Rd. Underpass



**Long Island
Rail Road**

3rd TRACK CONSTRUCTORS
Picone | Dragados USA | CCA Civil | Halmar



Design-Build Pump Stations