

SUCCESSFUL LAUNCH OF P.O.S.E.I.D.O.N., BAY PARK CONVEYANCE PROJECT'S SECOND MICROTUNNEL BORING MACHINE

The New York State Department of Environmental Conservation (NYSDEC) announced today the launch of the Bay Park Conveyance Project's second microtunnel boring machine, P.O.S.E.I.D.O.N. This Project is a partnership between New York State and Nassau County to improve water quality and storm resiliency in Long Island's Western Bays by upgrading existing wastewater management infrastructure.



KEY MILESTONE FOR THE BAY PARK CONVEYANCE PROJECT

P.O.S.E.I.D.O.N. successfully launched from Cedar Creek Shaft 2 (CC2) located at the Cedar Creek Water Pollution Control Plant (WPCP). This marks the beginning of microtunneling on the east side of the Project corridor. P.O.S.E.I.D.O.N. will microtunnel underground to Cedar Creek Shaft 1, and then continue north more than 1.5 miles from the Cedar Creek WPCP to Sunrise Highway. This is the first of six shaft locations where microtunneling will occur on the east side of the Project corridor.

Microtunneling is an innovative construction technique that uses a microtunnel boring machine to drill horizontally deep below the ground from one shaft to another along the Project corridor. This construction technique is a safe, effective way to install piping deep into the ground, avoiding long trenches and surface disturbance.



CC2 Construction Site



Lowering P.O.S.E.I.D.O.N. into CC2

The microtunnel boring machine was named P.O.S.E.I.D.O.N. by students from North Oceanside Road Elementary School, Oceanside School #5.

Microtunnel boring machines are remotely controlled from the ground surface at the nearby shaft with exceptional precision. To date, approximately **15%** of the **19,679** linear feet of microtunneling is successfully complete.