

HELICAL PULLDOWN[®] Micropiles REPORT

A CASE HISTORY

Chance Civil Construction Distributor:
DANBRO Distributors, Philadelphia, Pennsylvania

Project: Meadowmere - Warnerville Sewer Project, Borough of Queens, New York, NY
Owner: New York City Department of Environmental Protection, Long Island City, NY
Construction Manager – Engineer: LiRo Engineers, Inc, Syosset, NY
General Contractor – Installer: EE Cruz, Inc & RCC Pile & Foundation, Inc

The New York City Department of Design and Construction (NYCDDC) specified the use of Chance Helical Pulldown Micropiles to support the ductile iron and ESVP gravity sewers in the narrow streets of the Warnerville and Meadowmere communities in the Rosedale section of the Borough of Queens, City of New York. The Chance piles were specified due to the limited street widths and utility restrictions on Broad St and Bayview Ave in Warnerville and 1st St, 2nd St, 3rd St, and Meyer Ave in Meadowmere. Maintaining daily access for the residents, businesses and emergency services on either side of the narrow (15 to 20 ft) streets was required. A total of 603 20-ton SS175 Pulldown Micropiles were installed on 9 ft centers to support the sanitary sewer lines and manholes.

