
Reconstruction of Houston Street from West Street to Bowery



Client/Owner: New York City Dept. of Design & Construction
Project Location: Manhattan, NY

This resident engineering and inspection project along Houston Street, located in downtown Manhattan, was broken into three phases: from West St. to 6th Ave, from 6th Ave to Broadway and from Broadway to the Bowery.

The major work includes installation of a 48" diameter steel water main that started from a new water main shaft on Hudson Avenue and goes east to the Bowery. Also included was the full upgrade and replacement of 20-in. and 12-in. diameter distribution water mains with a tie-in on West Street. The scope of the project also involved replacement of catch basins with drainage, sewer improvements, traffic signals, street lighting, fire alarm for NYC Fire Department and NYC Police, reconstruction of the median from 6th Ave to the Bowery, new concrete base and asphalt pavement, pavement striping and marking.

As part of REI, GPI was involved in review and approval of trunk water main geometry and fabrication shop drawings utilizing the NYCDEP Standards.