

Montclair Linbrook Project Work Summary

The purpose of this project was to replace aged water line with an extensive break history and to replace/rehab sanitary sewer that was subject to substantial I&I. Ludlow Construction is the project GC, and Precision is the lining subcontractor.

The project construction budget was \$5,400,000

- The sanitary sewer was \$3,300,000
- The domestic water construction budget was \$2,100,000
- The project was designed by a subconsultant Freeman Associates, of Hartford.
 - The project was coordinated with the Town of West Hartford's efforts to rehabilitate the roadways and curbs in this neighborhood.
- The Contract for construction was let to Ludlow Construction for \$5,353,760. The notice to proceed was issued on 5/3/17.
 - A public presentation meeting was held for the residents 3/16/17
 - Construction started with the water main replacement
 - The first day on site was 5/17/17 and started with work on the Linbrook water line replacements.
- The work progress was to install the water main, connect new domestic water services to each lot and then complete the sanitary work. This was done to prevent breaks on the aged water line due to the deeper sanitary sewer.
 - The new water distribution work was basically complete in October 2017
- The sanitary sewer rehabilitation began in October 2017
 - Lining of the smaller diameter pipes occurred in September October and November
 - The Project was shut down for winter from December 1st to April 1st 2018. This is a standard MDC policy.
- The most costly portion of the project was the rehabilitation of the 27" trunk line sewer that runs easterly in Linbrook from Wyndwood to the Trout Brook interceptor sewer.
 - This required a large bypass pumping program
 - 2,070 linear feet of 27" liner were installed in May and June of 2018
 - Sanitary sewer laterals were replaced in June through September 2018

PROJECT STATS

Water

- 9,340 of water distribution piping was installed
 - 5,800 Linear feet of 8 inch ductile iron water main were installed
 - 3,540 Linear feet of copper water services were installed
 - 8 new fire hydrants were installed

Sanitary

- 4,800 linear foot of new sewer line was installed
 - 3,660 lf of 6 inch sanitary sewer was replaced
 - 410 lf of 8 inch sanitary sewer was replaced
 - 790 lf of 10 Inch sanitary sewer was replaced
- 5,405 Lf of sanitary sewer was lined
 - 3,335 Lf of 8 inch sanitary sewer was lined
 - 2,070 lf of 27 inch sanitary sewer trunk line was installed
- 270 vertical feet of manhole was rehabilitated.