

# CITY OF ROCHESTER, NH WASHINGTON STREET SEWER AND WATER EVALUATION AND DESIGN



This project consists of the construction of approximately 4,750 linear feet of 16-inch water main and all necessary appurtenances on Washington Street from Chesley Hill Road to Brock Street in the City of Rochester, New Hampshire.

*Continued on other side*



# CITY OF ROCHESTER, NH WASHINGTON STREET WATER AND SEWER EVALUATION AND DESIGN

---

## CLIENT

City of Rochester  
Department of Public Works  
45 Old Dover Road  
Rochester, NH 03867  
(603) 332-4096  
Contact: Melodie Esterberg, P.E.

## LOCATION

Washington Street  
Rochester, New Hampshire

## THE CHALLENGE

Proposed developments in the contributing areas to the existing Hurd Brook/Washington Street Pump Station required it to be upgraded to handle the additional proposed flows. Development in the project vicinity has also necessitated expansion of the existing roadways to accommodate the additional traffic. Proposed roadway expansions also adversely impact the existing Hurd Brook/Washington Street Pump Station by infringing upon it. Thus, the City of Rochester replaced the existing Hurd Brook/Washington Street Pump Station with a new pump station adjacent to (or just north of) the existing site.

## THE RESULTS

For the City of Rochester, CLD evaluated the conditions of approximately 4,500 linear feet of gravity sewer pipe extending beneath the road to assess the need for replacement in conjunction with the Washington Street Reconstruction Project. Also included was the evaluation of upgrading the Washington Street/Hurd Brook Pump Station to accommodate flows due to proposed redistricting efforts and future growth.

The City expanded CLD's scope to include the Brock/Washington Street gravity sewer design, design of the pump station upgrade, and the Washington Street Water Design.

- Topographic Survey
- Oversight of Sewer Videotaping by Subconsultant
- Evaluation of Existing Sewer and Potential Impact from Roadway Reconstruction
- Evaluation of Pump Station Flows
- Cost Estimate
- Pump Station Upgrade Design
- Brock/Washington Street Gravity Sewer Design



## CLD Consulting Engineers, Inc.

NH	540 Commercial Street Manchester, NH 03101	(603) 668-8223	<a href="http://www.cldengineers.com">www.cldengineers.com</a> <a href="mailto:cld@cldengineers.com">cld@cldengineers.com</a>
ME	Park Place Corporate Center 316 US Route 1, Suite D York, ME 03909	(207) 363-0669	
VT	16 Hemlock Ridge Drive Suite 103 The Village of Wilder White River Junction, VT 05001	(802) 698-0370	

