

# CITY OF DOVER, NH LONG HILL ROAD INTERSECTION IMPROVEMENTS



The City of Dover employed CLD to provide final design and preparation of contract documents to signalize the intersection of NH Route 108 and Long Hill Road and widen NH Route 108 to provide 11-foot wide lanes, a longer northbound left-turn lane, and 4-foot shoulders.



# CITY OF DOVER, NH

## LONG HILL ROAD INTERSECTION IMPROVEMENTS

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### CLIENT

City of Dover, NH  
288 Central Street  
Dover, NH 03820  
(603) 516-6008  
Contact: Bruce Woodruff

### LOCATION

Dover, New Hampshire

### THE CHALLENGE

The NHDOT had worked with the Cities of Dover and Somersworth to develop a conceptual design for the New Rochester Road (NH 108)/Long Hill Road Intersection project. The project was presented for public comment at the Public Informational Meeting on April 6, 2004. Environmental documentation on the project began with completion of the State Historic Preservation Office (SHPO) review and sign-off in the form of a Memorandum of Effect noting No Historic Resources Present. The project was then turned over to the City of Dover for municipal management in conjunction with the adjacent New Rochester Road (NH 108) Sidewalk (Dover 12644) project. CLD's responsibility for the New Rochester Road (NH 108)/Long Hill Road Intersection project was to take the concept developed by NHDOT with input from the Cities, and process the project through final design and contract documents.

### THE RESULTS

The City of Dover, in conjunction with NHDOT and FWHA, employed CLD to reconstruct and signalize the intersection of NH Route 108 (New Rochester Road) and Long Hill Road. The purpose of the project was to improve driver safety and traffic flow for vehicles entering and exiting Long Hill Road in this area. The project, beginning immediately north of the entrance to Willand Pond Park, included the signalization of the New Rochester Road and Long Hill Road intersection; widening along the north side of Long Hill Road to accommodate three 11-foot lanes and 4-foot shoulders; widening of New Rochester Road to provide three 11-foot lanes and 4-foot shoulders; construction of a center median on New Rochester Road to eliminate left turns to driveways within the vicinity of the intersection; and construction of sidewalks along both sides of Long Hill Road and on the east side of New Rochester Road from the intersection to the driveway to Willand Pond Park. In addition, design of a complex closed drainage system including two underground infiltration beds was required to facilitate construction.

- Roadway and Intersection Design
- Drainage Design
- Contract Plans
- Environmental Coordination
- NHDOT/City Coordination



## CLD Consulting Engineers, Inc.

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