

Roadway Drainage Improvements and Stormwater Treatment

Plymouth, Massachusetts

The Town of Plymouth, like many other older Massachusetts towns, has a wide diversity of road networks that pre-date modern drainage and stormwater management. The historic downtown area also drains to Plymouth Harbor, a shellfishing area that has been closed for many years as a consequence of pollutants derived from stormwater runoff. As part of a municipal capital improvements program and funding from the Massachusetts 319 Non-Point Source Grant Program, the Town is implementing ten separate stormwater management and roadway drainage projects.

The Town retained Horsley Witten Group, Inc. (HW), in association with GeoSyntec Consultants, to develop construction-ready plans and specifications for three water quality treatment sites draining to historic Plymouth Harbor and seven roadway drainage projects throughout the Town.

HW's work included the completion of the following products:

- Existing conditions site surveys;
- Delineation of wetland and other jurisdictional resource areas;
- Preliminary design and planning level cost estimates;
- Final design and construction quantity and cost estimates;
- Project permitting;
- Technical specifications and bidding documents;
- Construction administration services; and
- Supporting computations and information for 319 Grant Program management.

HW and GeoSyntec developed innovative low-impact development (LID) stormwater management practices and drainage improvements to solve complex drainage issues, while providing cost-effective stormwater treatment for pollutants of concern.

Client Contact:
Mr. David Gould
DPW Director
Town of Plymouth
508-747-1620

HW Contact:
Rich Claytor, P.E.

www.horsleywitten.com

- Civil & Environmental Engineering
- Wetlands Management
- Coastal Management
- Hydrogeology & Water Supply
- Stormwater Management
- Wastewater Management
- Site Assessment & Remediation
- Land Use Planning
- Education & Outreach



Sandwich, MA
90 Route 6A
Sandwich, MA 02563
tel: 508-833-6600

Newburyport, MA
30 Green Street
Newburyport, MA 01950
tel: 978-499-0601

Providence, RI
370 Ives Street
Providence, RI 02906
tel: 401-272-1717