

# Town of Carver - Engineering and Site Design

## Town Hall Expansion and New Town Library Site Design and Engineering



*New Town Library, Carver, Massachusetts*

Norfolk Ram Group, LLC (Norfolk) was retained by the Town of Carver's architects as the civil and environmental engineering consultant for improvements to the town center.


Norfolk had initially prepared a feasibility study, in order to evaluate the existing site conditions and the future wastewater disposal needs for an expanded Town Hall. The report assessed the adequacy of the existing septic systems, soils and site conditions, as well as the need for an alternate location, which would involve the conversion of an existing building to serve as the new Town Hall.

Subsequently, Norfolk prepared site plans for the new Town Hall and for a new Town Library, including the design of shared systems to manage stormwater between the two sites, and new septic systems for both sites.

The new Town Library work included on-site test borings and soil samplings, soil sieve analysis and moisture content determinations, and the preparation of a geotechnical engineering report with requested certification pertaining to site suitability, as well as recommendations relating to the building's foundation.

### Scope of Services

Norfolk's activities for the client included:

- Prepared a feasibility study to evaluate the existing site conditions and wastewater disposal needs at the site.
  - Evaluated soil samples from numerous test pits and percolation tests.
  - Identified alternative locations for an on-site wastewater disposal system, and ranked the sites as to their suitability.
  - Prepared cost estimates relating to the engineering and construction needs for the on-site wastewater disposal system.
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- Completed surveying and engineering services in support of the expansion design activities, including an existing conditions plan (topography of 1-foot contours), which included utilities, property lines and site features.
- Prepared site plans for both of the Town's facilities, and coordinated with the Town's Architects throughout the construction phase of the project.

*Town Hall Expansion, Carver, Massachusetts*

