



NATHAN T. HOWELLS, P.E.

Project Manager/Engineer

Nathan is responsible for project management, permitting and engineering design. He coordinates with clients, other consultants and review agencies. His skills include:

Skills Summary

- **Project Management** – Oversees all aspects of commercial and residential development projects.
- **Site Planning & Engineering Design** – Roadways, parking facilities, commercial/retail facilities, industrial parks and residential development projects.
- **Permit Acquisition** – Local and state approvals including Act 250, subdivisions, zoning, wastewater and water supply, wetlands and stormwater.
- **Stormwater Management** – Design of various stormwater systems including open channels, closed pipe systems, detention facilities, best management practices, hydraulic analysis and hydrologic computer modeling.
- **Erosion Control** – Design and preparation of erosion control plans and documents for commercial and residential construction sites.
- **Sanitary Engineering** – Performs soil and percolation testing. Design and analysis of on-site wastewater disposal systems including in-ground conventional, mound, at-grade systems, systems incorporating filtrations units, and desktop hydro studies.

Work History

Prior to joining TCE as a Project Manager/Engineer, Nathan worked as a Senior Civil Engineering Assistant at the Los Angeles County Department of Public Works in the Land Development Division, managing design of sewer and road improvements, reviewing feasibility studies and regional master plans for large scale residential and commercial developments, and determining conditions for their approval. While attending college he worked for TCE as an Engineering Technician in the sanitary and survey sections and at R.A.M. Engineering in Haverhill, MA as a Survey Technician.

Professional Registrations & Affiliations

- Licensed Professional Engineer – State of Vermont and State of California
- Tau Beta Pi – National Engineering Honor Society
- Chi Epsilon – National Civil Engineering Honor Society
- Eagle Scout

Education

- **B.S. Civil Engineering**
University of Vermont, Burlington, Vermont