

MICHAEL R. ROY

EDUCATION

Clarkson University – B.S. in Civil and Environmental Engineering, 2000

PROFESSIONAL AFFILIATIONS

American Water Works Association (AWWA)
Project Management Institute

EMPLOYMENT HISTORY

2019 to present – Sevee & Maher Engineers, Inc., Cumberland, Maine, Senior Civil Engineer
2004 to 2019 – SGC Engineering, LLC, Westbrook, Maine, Senior Engineer
2000 to 2004 – Fay, Spofford, and Thorndike, Inc., Burlington, Massachusetts, Project Engineer

PROFESSIONAL EXPERIENCE

Mr. Roy has more than 22 years of professional experience in civil design, permitting, bidding, construction administration, and project management for private- and public-sector clients throughout the northeastern United States. His portfolio of experience includes diverse projects for power generation and transmission installations (conventional and alternative energy); municipal water and wastewater treatment and distribution; stormwater management; local, state and federal permitting; and residential and commercial site developments.

Representative projects demonstrating Mr. Roy's areas of expertise:

Municipal Water, Wastewater, and Stormwater

- Town of Merrimac, Massachusetts -- Owner's Engineer responsible for NPDES permit compliance; design; bid and construction administration of wastewater capital improvement projects; and design reviews of projects submitted to the Planning Board for Site Plan Approval.
- Town of Merrimac, Massachusetts – Project engineer responsible for completion of a Water System Master Plan including hydraulic modeling of the water system, determining deficient areas, improvement analysis, water demand projections, water quality analysis, and storage facility and supply evaluation.
- Town of Merrimac, Massachusetts – Senior engineer responsible for compliance with the 2016 MS4 Small Community Permit. Tasks included preparation of the Notice of Intent, Stormwater Management Plan, and Illicit Detection and Elimination Plan.
- Kennebunk Sewer District, Kennebunk, Maine– Senior engineer responsible for design, permitting, bidding and construction administration of approximately 2,300 linear feet of gravity sewer.

Energy Generation and Transmission

- Iberdrola Energy Projects, Rochester, New York -- Civil design and specifications associated with the construction of a 34.5kV/115kV greenfield substation and expansion of two existing substations.
- Northern Pass, New Hampshire – Design of over 60 miles of underground 320kV DC transmission line in compliance with NHDOT utility accommodation standards. The design required compliance with cable manufacturer specifications, coordination with local utilities, best design practices, and NHDOT utility variance requests.
- Avangrid/Central Maine Power – Bulk Electric System (BES) site analysis to determine best transmission route or site locations for a series of new or expanded transmission lines and substations for compliance with NERC Critical Infrastructure Protection standards.
- Wind Power Generation, Maine – Civil design, technical specifications, and stormwater permitting of 34.5kV/115kV substations to support multiple wind power generation facilities. Design of site layout, access roads, wind turbine pads, and stormwater management associated with wind power generation facilities.

Residential and Commercial Development

- The Crossing at Tannery Brook, Gorham, Maine – Project engineer responsible for design and state and local permitting of 36-lot residential subdivision including roadway, municipal water and sewer extensions, stormwater infrastructure, and wastewater pump station.
- Pyaevna Meadows, Gorham, Maine – Project engineer responsible for project coordination, design and state and local permitting for a 31-lot residential subdivision in Gorham, Maine, including roadway, municipal water including pressure reducing valve, and stormwater infrastructure.
- Meredith Bay, Laconia, New Hampshire – Senior engineer responsible for project coordination, design, and state and local permitting for a 72-unit condominium development, 24-unit condominium development and recreational and amenity area.
- U.S. Department of Veterans Affairs – Lewiston, Maine – Project engineer responsible for site design, stormwater management, and local and state permitting of a 32,200 square foot Community Based Outpatient Clinic.
- Silver Street Group, The Greens at Pine Hills, Pine Hill, New Jersey – Senior engineer responsible for design, permitting, bidding and construction administration of wastewater pump station rehabilitation project associated with a large apartment complex.