



WASTEWATER IMPROVEMENTS ENGINEERING STUDY Town of Eliot, ME

CLIENT

Town of Eliot, ME

Contact: Daniel Blanchette

Board of Selectmen Administrator

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LOCATION

ME Route 236

Eliot, ME



KEY PERSONNEL:

JoAnn L. Fryer, P.E. – Project Manager

Heidi J. Marshall, P.E. – Team Leader

David A. Lewis, P.E. – Project Engineer

Erin L. Clement, E.I.T. – Project Engineer

Ryan M. McCarthy, E.I.T. – Survey Crew Chief

DESCRIPTION:

The project involved investigation of potential sewerage options for the Route 236 Tax Increment Financing (TIF) District, including evaluation of options for providing sewer service to properties within and abutting the TIF District. In addition, two routes were studied to transmit wastewater from the TIF District to the Kittery Wastewater Treatment Plant. Work entailed close coordination with the Town of Kittery's engineer developing a joint study for one route to the WWTP through Kittery. In addition, CLD evaluated the existing sewer system capacity to handle additional flows as an alternate route to the WWTP.

- Base Mapping / Utility Coordination
- Evaluation of Proposed T.I.F. District Properties for Sewering
- Development of Conceptual Pump Station / Pipeline Locations
- Review of Existing Sewer System Capacity
- Investigation of Expected Property & Environmental Impacts
- Construction Cost Estimating
- Study Report

CLD completed base plan preparation, developed conceptual sewer gravity and force main routes and pumping station locations, and completed preliminary design and plans to depict recommended routes. CLD prepared cost estimates and comparison matrix of alternatives to develop recommended alternatives, and provide estimates for program funding based upon expected income from the TIF District funds. The evaluations, recommendations and results of the study were summarized in a comprehensive study report presented to the Town. In addition, work included coordination with Town staff, Board of Selectmen and Sewer Committee, as well as presentations to the public.