

COMBINED SEWER OVERFLOW ELIMINATION

EASTERN AVE., WESTERN AVE., AND MAIN STREET; TOWN OF ST. JOHNSBURY, VERMONT



Removal of Existing Concrete Roadway and a Full-Width Road Reconstruction



New Storm Drain Installed as Part of the Project

The Town of St. Johnsbury, like many older towns throughout New England, has combined storm and sanitary sewer infrastructure in some areas. This is not only costly for the Town to treat, but can also cause significant issues during heavy rain events. The Combined Sewer Overflow Elimination Project was an infrastructure improvement project funded by both the Clean Water and Drinking Water State Revolving loan funds. The funding was provided as 65% Clean Water State Revolving Fund Loan and 35% Drinking Water State Revolving Fund Loan intended to address State and Environmental Protection Agency mandates to separate combined storm and sanitary sewer and to replace aged water main and improve fire flows.

In addition to the revolving loan funding, The Vermont Agency of Transportation notified the Town of St. Johnsbury that they would be completing a Class 1 Town Highway paving project on US Route 2 and Route 5 throughout the Village. Dufresne Group worked with VTrans officials on funding options and VTrans offered to complete pavement design and include approximately \$780,000 of the construction expense in their share of the project providing a significant cost savings to the Town.

Dufresne Group provided preliminary planning, engineering design and construction management with Resident Project Representation for the entirety of this complex and comprehensive project to improve St. Johnsbury's streets and utilities.

KEY FEATURES:

- Coordination with property owners for construction and permanent easements.
- Homepage created on the DG website for communication of construction specifics to the public.
- Over 7,400 lf of roadway infrastructure replacement, 6,300 feet of water main replacement, 6,700 feet of sanitary sewer and 8,200 feet of storm.
- Coordination with VTrans to complete design and construction of the CSO Elimination project before the Town Highway paving project.