

# SHAWTOWN ROAD

## FREEDOM, NEW HAMPSHIRE

**SFC Engineering Partnership Inc., (SFC)** was selected by Purity Spring Resorts, the owner of The Bluffs at Danforth Bay, to design the reconstruction of nearly three thousand linear feet of Shawtown Road, a step necessary to their planned expansion of The Danforth Bay Camping Area. Originally, Shawtown Road was a Town maintained dirt road less than two car widths wide. Purity Spring Resorts agreed to construct a new paved road for the Town, one that would not be subject to the flooding and erosion problems that the Town had been forced to deal with for many years. **SFC** developed a scope of work that was divided into the following phases; existing conditions survey, conceptual planning, engineering design, construction drawings, and permitting.

Working with both in-house staff and other consultants, **SFC** produced an existing conditions plan. Wetlands were delineated and topographic information collected, to locate all significant features within the right-of-way. An existing conditions plan showing Shawtown Road, wetlands, topography, and detail with two-foot contours and approximate right-of-way lines was prepared. This helped **SFC**, the Town of Freedom and Purity Spring to identify problem areas and develop possible solutions.

As part of the reconstruction of Shawtown Road, a significant re-alignment at the intersection with Ossipee Lake Road was necessary to improve access and sight distance. Other portions of Shawtown Road were re-designed to replace undersized culverts, eliminate flooding and provide a new, wider road designed to Town of Freedom and NH DOT standards. **SFC** then prepared final engineered drawings, including plan/profile sheets, cross sections, erosion controls and construction details.

**SFC's** team prepared all necessary permit applications and presented the project to the Town. Approvals were acquired from the Town of Freedom Planning Board, Conservation Commission and the NH Department of Environmental Services. In addition **SFC** prepared a Storm Water Pollution Prevention Plan (SWPPP) and a Notice of Intent (NOI), which was filed with the US EPA.

Construction was completed, with the new road opened to the public in 2006.

**OWNER**  
Town of Freedom, NH

**CONTACT**  
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### SCOPE OF SERVICES

- Surveying
- Existing Conditions Evaluations
  - Conceptual Planning
  - Engineering Design
  - Engineering & Construction Drawings
- Permitting



Before



After

**REPRESENTATIVE PROJECTS**

