



AREA ROAD OVER POOR FARM BROOK

Gilford, NH

CLIENT

Gunstock Mountain Resort
619 Cherry Valley Road
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Contact: Greg Goddard

PROJECT COMPLETION

June 2011

DESCRIPTION

The Gunstock Area Commission, on behalf of the NHDOT and Belknap County, Municipally Managed the replacement of the Area Road Bridge over Poor Farm Brook.



The project was funded through the NHDOT Municipally Managed Bridge Aid program, and involves 100% Federal funded related to the American Recovery and Reinvestment Act (ARRA). Gunstock also undertook construction of additional items unrelated to the bridge reconstruction at their own expense as part of the contract.

The project design, including construction plans, specifications and contract documents, was prepared by others and the Commission sought an engineering consultant to provide Construction Phase Administration services to ensure that the bridge was constructed in conformance, generally, with the plans and specifications, as well as NHDOT and FHWA regulations; process regulations for State and Federally-funded projects were followed; and appropriate documentation was prepared to allow for reimbursement of project expenses.

CLD was selected and facilitated a fast-track approval of our contract through Gunstock and NHDOT, as the Contractor for the project had already been awarded the contract. CLD completed near full-time resident construction observation services, as well as administration services throughout the construction of the project. Redesign of a number of elements of the project was required due to several factors, including discrepancies on the project plans, changed field conditions, and a different fabricator for the precast concrete arch structure. Most notably, CLD completed design of the precast arch foundations and developed details for precast wingwall connections to the arch structure.

CLD worked collaboratively with Gunstock, NHDOT and R.M. Piper, the project contractor, to resolve project issues and meet the construction schedule required to maintain the operations of the resort. The roadway had to remain open through early August, to allow for access during a large week-long festival, as well as have the new bridge and roadway open and functioning prior to the start of the winter ski season.

- Construction Administration
- Resident Engineer
- Construction Engineering
- As-Built Plans