

Bridge Rehabilitation Project

Depot Street over Relief (Arch)

NHDOT Br. 181/071

Antrim, NH



This 12-foot concrete arch bridge is one of three bridges on Depot Street that pass through the floodplain of the Contoocook River. It serves as a flood relief structure when the river overflows its banks. Constructed in 1914, it is considered historically significant and is eligible for listing on the National Historical Register.



Rehabilitation involved the installation of a stainless steel reinforced cast-in-place concrete slab with 6" curbs. The slab spans over the arch and its haunched ends bear on reinforced earth to minimize vehicular loads carried by the existing

arch bridge. The new curbs help to protect the existing parapets from vehicular impact and limit water intrusion between the slab and parapet, which will prolong the life of the structure. Existing cracks and spalls were repaired and new flared precast wingwalls were installed to allow guardrail installation.

Contact:

Donna Hanson
Town Administrator
Town of Antrim
66 Main Street
Antrim, NH 03440
(603) 588-6785

This project was funded by the Town of Antrim and the New Hampshire Department of Transportation (NHDOT) through the Municipally Managed Bridge Aid Program.



QUANTUM CONSTRUCTION CONSULTANTS, LLC