

# Flood Mitigation / Bridge Replacement Project

Old Marlborough Road over Charcoal Brook

NHDOT Br. 089/099

Dublin, NH



Old Marlborough Road Bridge over Charcoal Brook was severely damaged by flooding in April 2007. The 8-foot high by 12-foot span corrugated metal pipe arch culvert was undermined, resulting in the collapse of the culvert and roadway failure.

The Town of Dublin contracted with Quantum Construction Consultants, LLC to design a replacement bridge structure and 500 feet of roadway reconstruction under a fast track schedule. The replacement bridge structure is an 11-foot high by 12-foot wide box culvert with natural streambed material placed in the bottom.

This project was funded by the Town of Dublin, the Federal Emergency Management Agency (FEMA), and the New Hampshire Department of Transportation (NHDOT) through the Municipally Managed Bridge Aid Program.

**Contact:**  
**Brian Barden, Road Agent**  
Town of Dublin  
1120 Main Street  
Dublin, NH 03444  
(603) 563-8470



**QUANTUM CONSTRUCTION CONSULTANTS, LLC**