



New Hampshire Department of Safety Division of Homeland Security and Emergency Management

Mitigation Success Story

Bell Road Phase I, Plymouth, New Hampshire

Following the award of funding from the Hazard Mitigation Grant Program (HMGP) the Town of Plymouth replaced an existing 48" reinforced concrete pipe (RCP) with a 10' wide by 4' deep bottom box culvert. Additionally the community added a 24" high density polyethylene pipe (HDPE) next to the existing 24" HDPE pipe at the low point downhill from the culvert and raised the roadway approximately 2' for an estimated distance of 500' to provide some freeboard over the 24" pipes.

Prior to mitigation, the undersized structure would cause road washouts during severe rain events. The improved culvert has been tested by major rain/precipitation events and performed as expected, thereby eliminating the problems that existed previously.

Before Mitigation



After Mitigation



Project Total Cost: \$185,953.68

HMGP Federal Share \$141,563.00