

Project Narrative

Pleasant Street Storm Culvert Replacement
Seekonk Massachusetts
March 28, 1989

This project involves the installation of a 40 foot long, 10 foot wide, 4' high storm culvert at Pleasant Street. This culvert will replace the existing concrete culvert that is presently creating hydraulic problems along this watercourse. This existing culvert has a downstream elevation higher than the upstream end. This situation creates backups during peak flow conditions.

The contractor will begin by placing hay bales along the top of bank. The contractor will then remove the existing storm culvert and excavate 0.5 feet of material below the existing culvert. Crushed stone 0.5 feet deep will be dumped in the area of the excavated material in order to create suitable bedding for the pre-cast concrete culverts. The culvert sections will then be lowered into the brook. The area above the culvert will be backfilled and paved. Wood guard rails will be placed along both sides of Pleasant Street at the crossing. Trees over hanging the brook at the crossing will be pruned in order to improve hydraulic capacity. Pleasant Street will be closed to vehicular traffic during this two day operation.