



Culvert Outlet



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As part of the 2008 water main improvements in Peterborough, New Hampshire, a new 4 foot by 7 foot precast concrete box culvert was constructed to replace a deteriorated galvanized steel arch culvert. A 100 foot long portion of an existing water main was temporarily removed to accommodate the installation of the new culvert. Due to the new culvert's lower profile the water main was able to be installed over the precast structure with adequate depth of cover to avoid freezing. The work required coordination with several Town departments including Fire, Police and Water to detour traffic on the heavily traveled route to the Town's Hospital and nearby attractions.

KEY FEATURES

- Traffic relocation for one month during construction.
- Imbedded culvert bottom to recreate natural streambed conditions.
- Minimal stream and wetland impact.
- Designed to carry flood stage water without erosion.