

# ANDERTON ROAD WATERMAIN COMOX-STRATHCONA REGIONAL DISTRICT

The Anderton Road watermain project involved the installation of approximately 2.5 km of 300 mm diameter, Class 350, Ductile Iron watermain and two below grade pressure relief valve (PRV) chambers.

Prior to this project being carried out, water service to the areas of Seal Bay and Little River was achieved by an extremely long, small diameter main. Extreme pressure drops occurred at times of heavy demand and fire fighting capabilities were severely limited.



*Little River crossing during construction*



*Little River crossing after construction*

Installation of the main provided a crucial network loop, greatly improving service reliability and fire flows, and eliminated the need for the booster pump and small water storage reservoir in Seal Bay.

The project involved crossing the environmentally sensitive and fish bearing Little River. Input and approval from several provincial agencies and the local stream keepers was required. The crossing was carried out during the summer fisheries window and involved crossing under the riverbed downstream of the twin 1350 x 1100 mm CSP culverts under Anderton Road.