

## Arch Brown Channel Improvements

Client: **City of Barrie**

Year: 2011 - 2012



### SERVICES PROVIDED

CCTA was retained by the City of Barrie to provide engineering services for improvements to a municipal drainage channel located along the rear lot line of eight homes on Arch Brown Court. The preliminary design included developing options for conveyance of the 100 year design flow (evaluated using a HEC RAS hydraulic model) having due regard for soil conditions, stability, constructability, long term maintenance, public safety and costs.

The preferred design was 120 m of 1500 mm high by 2400 mm wide open pre-cast concrete channel. Construction was completed in 2012.

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