



City of Lethbridge Transmission Line

CIP Piles

Lethbridge, AB

+ Project snapshot

- \$317,940 Project Value
- Construction of 7 large diameter bored CIP concrete piles

+ Project description

The SR625 Drill Rig was used to construct the large diameter bored cast-in-place concrete piles.

7' and 8' diameter piles were founded between 11.0 to 15.5m below existing grade.

+ Ground conditions

The topsoil/fill was to 2.0m. There was firm to stiff clay and silt, and it was moist to 6.0m

There was firm to very stiff grey till & clay, some silt, grey in colour. Low to medium plastic to 10.0m

+ Innovative solutions

SB Canada provided a price for the conforming pile design and were awarded the project on this basis.

SR625 Drill Rig was used to construct the large diameter bored cast-in-place concrete piles.

7' and 8' diameter piles founded between 11.0 to 15.5m below existing grade.

SB Canada successfully completed the project on time and within budget. The client was very impressed with SB Canada's performance, quality, and expertise both on site and in the office.



Owner
City of Lethbridge
Structural Engineer
MVA Consulting Ltd.
General contractor
Arctic Arrow Powerline Group

SB Canada personnel
Mike Lamborn
Period of work
June 2016 – June 2016

