

**405 MUNI CONSTRUCTION SPECIFICATION FOR PIPE SUBDRAINS**

**405.05.01 Materials**

Delete in its entirety.

Add in the following:

Pipe material to follow CSA B182.8 and B182.11.

**405.07.04 Geotextile**

Delete second and fourth paragraph.

Add in the following:

Geotextile shall be installed as specified in the Contract Documents.

**405.07.06.01 General**

The pipe shall be joined using a bell and spigot joint with no gasket, to ensure water infiltration.

**405.07.06.03 Connection to Drainage Structures**

Delete in its entirety.

Add in the following:

Subdrain shall be connected to maintenance holes, catch basins and ditch inlets by a one metre section of non-perforated pipe.

Subdrain and outlet pipe connections to concrete maintenance holes, catch basins, and ditch inlets shall be cored and grouted.

**405.07.07.01 Winter Grading of Material**

Delete in its entirety.

Add in the following:

Material shall not be placed over frozen ground, ice or snow.

**405.07.08                      Closed-Circuit Television Inspection**

Delete second paragraph.

Add in the following:

100% of the installed pipe subdrain including outlets shall be video inspected and recorded. The inspection shall be conducted following the placement of the granular course and submitted to the Contract Administrator prior to the placement of surface asphalt.

Video recordings to be submitted to Contractor Administrator in a USB flash drive format.

**405.10.01                      Pipe Subdrain**

Add in the following:

The unit price for this item shall include all closed-circuit television inspections.

**405.10.02                      Closed-Circuit Television Inspection - Item**

Delete first paragraph.

405-02