
REVISION TO THE 2018 STANDARD CONTRACT DOCUMENTS

LIST OF REVISIONS

Tender Document Template

The Tender Document Template has been updated from version 2018.1.

Data Sheet for Tenderers – Time of Completion: Note added “(Substantial Performance)”

The following paragraph on page 11, Section 13. Agreement to Bond and Bonds is revised as follows:

Remove “The Agreement to Bond shall be in Digital format. Scanned pdf or unverifiable bonds are not acceptable. All instruction details for accessing authentication should be included with the up-loaded Bond.” and replace with

“The Agreement to Bond and Bonds shall be in Digital format. Scanned pdf or unverifiable bonds are not acceptable. All instruction details for accessing authentication should be included with the up-loaded Bond(s).”

Section 21. Requirements at time of Execution Item 1. Executed Bonds is revised as follows:

Remove “i) Performance Bond” and “ii) Labour and Material Bond” and replace with

“i) Digital Performance Bond” and “ii) Digital Labour and Material Bond”

Standard Contract Documents – Supplemental Specifications

The Standard Contract Documents have been updated to reflect the St. Thomas – The Railway City branding.

The Standard Drawings have been updated to reflect the St. Thomas – The Railway City branding.

Supplemental Specifications – General

GC 8.02.03.04 Certificate of Substantial Performance, Paragraph .06 – Revise “When Substantial Performance coincides with Completion, the 10% statutory holdback will be retained until 45 days from the date of publication.” to read:

“When Substantial Performance coincides with Completion, the 10% statutory holdback will be retained until 60 days from the date of publication of the Certificate of Substantial Performance.”

GC 8.01.02 Variation in Tender Quantities, subsection GC 8.01.02.01 – Revise “Written requests for compensation must be received within 45 days of the Certificate of Substantial Completion.”

“Written requests for compensation must be received within 60 days of the date of publication of the Certificate of Substantial Performance.”

Supplemental Specifications – Sewers

Add amendment to OPSS.MUNI 405, Construction Specification for Pipe Subdrains, as follows:

405.07.04 Geotextile

Subsection 405.07.04 is deleted and replaced with the following:

Subdrain shall be wrapped with a knitted sock geotextile.

Subdrains shall have 19 mm clear stone embedment and the subdrain trench and outlet pipe trench shall be wrapped with non-woven Class I geotextile with a filtration opening size of 300 µm.

410.05.01.01 General – Revise “All polyvinyl chloride (PVC) and high-density polyethylene (HDPE) sewer pipe shall be CSA certified to have a minimum pipe stiffness of 320 kPa and water-tight joints to 100 kPa unless otherwise specified in the Contract Documents. “ to read:

“All polyvinyl chloride (PVC), high-density polyethylene (HDPE), and Polypropylene (PP) sewer pipe shall be CSA certified to have a minimum pipe stiffness of 320 kPa and water-tight joints to 100 kPa unless otherwise specified in the Contract Documents. “

410.05.01.01 General – Add “Polypropylene (PP) sewer pipe shall be triple wall with smooth exterior and shall only be used for pipe size 750mm to 1500mm in diameter, unless otherwise specified in the Contract Documents.”

410.05.01.01 General – Remove “Reinforced concrete pipe shall be used for all storm and sanitary sewers 450mm in diameter and greater, unless otherwise specified in the Contract Documents.”

410.05.01.01 General – Remove “Reinforced concrete pipe shall be used for all storm and sanitary sewers 450mm in diameter and greater, unless otherwise specified in the Contract Documents.”

410.07.13 Service Connections, Paragraph 8 – Revise “Service connections to the main pipe sewer shall be at a grade no greater than 100 % (45 degrees) unless otherwise specified in the contract documents or approved by the Contract Administrator.” to read:

“For main pipe sewers where the depth is 4.5 metres or less, service connections to the main pipe sewer shall be at a grade no greater than 100 % (45 degrees) unless otherwise specified in the contract documents or approved by the Contract Administrator.

Where the main pipe sewer is greater than 4.5 metres in depth, service connections to the main pipe sewer shall be provided with a vertical riser in accordance with City of St. Thomas Standard Drawing S-04.”

Standard Drawing S-04 – Private Drain Connection Vertical Riser Installation has been added

Standard Drawing S-05 – Precast 600mm x 840mm Curb Inlet Catchbasin has been added

Standard Drawing S-06 – Catchbasin Inlet Details has been added

Supplemental Specifications – Water

441.07.25 Flushing and Disinfecting Watermains, Section 2 “Disinfection of Watermains”, Paragraph 1 –
Revise “The main shall be disinfected according to instructions listed in AWWA C651 and the “Procedure for Disinfection of Drinking Water in Ontario” as adopted by reference by Ontario Regulation 170/03 under the Safe Drinking Water Act.” to read:

“The main shall be disinfected according to instructions listed in the Ontario Watermain Disinfection Procedure. Where the procedure references AWWA C651, the most current version of the Standard shall be followed.”

441.07.25 Flushing and Disinfecting Watermains, Section 2 “Disinfection of Watermains”, Paragraph 4 –
Revise “Sampling and testing for chlorine residual shall be carried out by the City of St. Thomas Water Operator. The chlorine residual shall be tested in the section after 24 hours. If tests indicate a chlorine residual of 25 mg/litre minimum, the section shall be flushed completely and recharged with water normal to the operation of the system. If the test does not meet the requirements, the chlorination procedure shall be repeated until satisfactory results are obtained.” to read

“Sampling and testing for chlorine residual shall be carried out by the City of St. Thomas Water Operator. The chlorine residual shall be tested in the section after 24 hours. If tests indicate a chlorine residual of greater than 40% of the initial dosage remaining (30 mg/litre minimum), the section shall be flushed completely and recharged with water normal to the operation of the system. If the test does not meet the requirements, the chlorination procedure shall be repeated until satisfactory results are obtained.

441.07.25 Flushing and Disinfecting Watermains, Section 2 “Disinfection of Watermains”, Paragraph 5 –
Revise “At twenty-four hours and at forty-eight hours after the system has been recharged, the City of St. Thomas Water Operator shall take samples for bacteriological tests. Samples shall be collected from every 350 m of the new watermain plus one sample from the end of each of the line and at least one sample from each branch. If there is indication of contamination, the disinfection procedure shall be repeated.” to read

“Following a minimum 16 hour rest period after the system has been recharged, the City of St. Thomas Water Operator shall take samples for bacteriological tests. Two sets of samples shall be collected at each sampling location, a minimum of 15 minutes apart while the sampling taps are left running. Samples shall be collected from every 350 m of the new watermain plus one sample from the end of each of the line and at least one sample from each branch. The samples shall be submitted to an accredited laboratory and analyzed for E. coli, Total Coliform, and Heterotrophic Plant Count (HPC) bacteria. If there is any indication of contamination with E.coli or Total Coliform within any sample taken, the disinfection procedure shall be repeated. If there is an HPC count greater than 500 CFU/mL, the watermain shall be flushed and HPC sampling repeated.”

441.07.25 Flushing and Disinfecting Watermains, Section 2 “Disinfection of Watermains”, Paragraph 6 –
Revise “The new watermain will not be connected to the City’s distribution system until all samples show the absence of Total Coliform, E. Coli and Background. Once all sampling is to the satisfaction of the Operating Authority, clearance will be given to connect to the City’s distribution system.” to read

“The new watermain will not be connected to the City’s distribution system until all samples show the absence of Total Coliform and E. Coli and a HPC of <500 CFU/L. Once all sampling is to the satisfaction of the Operating Authority, clearance will be given to connect to the City’s distribution system.”

Part 2 – Supplemental Specifications for Water, Section 2.2 Corrosion Protection, Paragraph 2 – revise
“All cast iron (CI) and ductile Iron (DI) fittings must be installed with a 14.5kg (32lbs) high purity magnesium anode. Anode must be attached to fitting using a CADWELD and coated with mastic (Handy Cap IP or approved equal).” to read:

“All cast iron (CI) and ductile Iron (DI) fittings must be installed with a high purity magnesium anode in accordance with City of St. Thomas Standard Drawing W-20. Anode must be attached to fitting using a CADWELD and coated with mastic (Handy Cap IP or approved equal).”

Part 2 – Supplemental Specifications for Water, Section 2.4 Tracer Wire, Paragraph 5 – revise “At each hydrant, tracer wire shall be brought up into an above ground tracer wire access box attached to the hydrant flange by means of a HDPE bracket in accordance with City of St. Thomas Supplemental Specifications – Water, Standard Drawing W-03” to read:

“At each hydrant, tracer wire shall be brought up into a tracer wire access point and connected to the terminal. A minimum of 1.0m slack in the tracer wire shall be provided in the tracer wire access point. Tracer wire access points shall be blue in color with a minimum of two terminals and shall be flange mounted (Copperhead Industries Cobra Access Point or approved equivalent).”

Standard Drawing W-02 – Typical Offset Watermain – Remove references to anode size

Standard Drawing W-03 – Fire Hydrant and Valve Box Detail – Remove references to anode size

Standard Drawing W-03 – Fire Hydrant and Valve Box Detail – Revise above ground tracer wire access port and note to conform to Part 2 – Supplemental Specifications for Water, Section 2.4 Tracer Wire

Standard Drawing W-07 – Magnesium Anode Installation – Remove references to anode size and add reference to City of St. Thomas Standard Drawing W-20.

Standard Drawing W-09 – Tracer Wire Connection – Remove references to anode size

Supplemental Specifications – Roads

Standard Drawing R-11 – Removable Bollard & Trail Head Detail has been added

Supplemental Specifications – Landscaping

Replace all references to “City Arborist” to “City Urban Forester”

Revise Supplemental Specifications Section 2.1, Tree Planting – Construction as follows: Replace “Pruning practices following transplanting shall consist of the removal of dead, broken or injured branches; the removal of crossing or rubbing branches, uneven growth and water sprouts. Trees with no leader or which have been “headed-back”, or where branches have been excessively tipped back to meet height requirements will not be approved. All required tree trimming must be completed by a qualified Arborist or approved tree care professional and in accordance with good arboricultural practices.” with:

“Pruning practices following transplanting shall consist of the removal of dead, broken or injured branches; the removal of crossing or rubbing branches, uneven growth and water sprouts. Trees with no leader or which have been “headed-back”, or where branches have been excessively tipped back to meet height requirements will not be approved. All required tree trimming must be completed by a qualified Arborist in accordance with good arboricultural practices.”