



**General Conditions, Supplementary General Conditions, Standard Specifications,
and Standard Drawings**

Revisions for January 2020

CITY OF KITCHENER

**Development Services Department
Engineering Services**

The following summarizes significant specification revisions for contracts tendered after January 27th, 2020.

Form of Tender

- a) Added item A.03.B: Temporary chain link construction fencing. Relocate temporary chain link construction fence, as directed by the Contract Administrator.
- b) Revised item D.03.01: Description To: "Electronic tracing and hand excavation as required to expose existing water service, as directed by the Contract Administrator."
Changed item Unit of Measure From: Each To: Hours

Supplementary General Conditions

- a) Added: SGC 42 Proper Invoice

The Contractor shall submit a proper invoice directly to the project manager assigned to the project on a monthly basis, based on the payment cutoff date set at the preconstruction meeting and as per requirements of the Construction Act Part I.1 – Prompt Payment – Definition Proper Invoice. In addition the contractor will include the following:

- a. The contractor's HST number.
- b. The purchase order number under which the work is being completed.

The Contractor shall also submit separate proper invoices for holdback payments as specified in the Contract Documents.

Standard Specifications

- a) Added CKSS 351.02.16 Concrete Sidewalks, Driveway Ramps and Driveways – Construction - Truncated Dome Detectable Warning Plates

Truncated dome detectable warning plates shall be installed as per Regional Municipality of Waterloo Standard Specifications RWSS 13 and RMW Standard Drawings 224 to 228.

RMW Standard Drawings 224 to 228 are amended to specify grooved directional lines shall not be used at City of Kitchener owned intersections.

- b) Added CKSS 351.03.03 Concrete Sidewalks, Driveway Ramps and Driveways - Measurement for Payment – Truncated Dome Detectable Warning Plates

The unit of measure for this work shall be for each plate installed as per specifications.

- c) Added CKSS 351.04.04 Concrete Sidewalks, Driveway Ramps and Driveways - Basis for Payment – Truncated Dome Detectable Warning Plates

The work for this item shall include all the labour, equipment, and materials necessary to supply and install truncated dome detectable warning plates at locations as shown on the Contract Drawings and as directed by the Contract Administrator.

- d) CKSS 409.01.02 CCTV Survey and Mandrel Testing of Sewers - Construction – CCTV Inspection

Added: "Inspection of first downstream sewer main pipe segments, outside of project limits, shall be video recorded to ensure no migration of construction debris."

- e) CKSS 410.02.02 Pipe Sewer Installation - Material - Exfiltration Pipe

Revised: "The pipe material shall be smooth wall interior with a minimum diameter of 200mm. The pipe shall meet the requirements of OPSS 1841, and CSA B182.8 for open profile sewer and drainage pipe."

To: "The pipe material shall be PVC with a smooth wall interior and a minimum diameter of 200mm. The pipe shall meet the requirements of OPSS 1841, and CSA B182.2."

- f) CKSS 441.02.04 Watermain Installation - Construction - Service Connection Pit

Revised: "The Contractor shall be responsible to choose the most suitable and safe method available to maintain an open service connection pit. The use of temporary orange plastic construction fencing shall not be considered an acceptable method of maintaining a safe pit. Options for maintain a safe open pit available to the Contractor are as follows;

- Temporary chain link construction fencing i.e. fast fence or approved equivalent,
- Metal plate covering with caisson,

- Backfill the pit and excavate at final connection.”

To: “The Contractor shall backfill the service pit immediately after installation of the service pipe and hydrovac excavate at final connection. The use of temporary orange plastic construction fencing shall not be considered an acceptable method of maintaining a safe open pit. Options for maintaining a safe open pit during the work day available to the contractor are as follows:

- Temporary chain link construction fencing i.e. fast fence or approved equivalent,
- Metal plate covering with caisson.

All excavations shall be backfilled prior to the end of the work day unless permitted by the Contract Administrator. “

g) CKSS 565.01 Site Office - General

Revised: “The Contractor shall provide for the duration of the Contract, for the sole use of the Contract Administrator and its representatives, a field office in clean condition having a minimum floor area of 12.0m²...”

To: “The Contractor shall provide for the duration of the Contract, for the sole use of the Contract Administrator and its representatives, a field office in good, clean condition (mold free, dirt/dust free, secure from vermin and other pests) having a minimum floor area of 12.0m²...”

h) CKSS 565.02 Site Office – Basis for Payment

Added: “Site offices delivered to the site in an unacceptable condition that does not meet the general requirements set out in CKSS 565.01 as determined by the Contract Administrator shall be refused and replaced at no additional cost to the Owner.”

i) Added CKSS 706.01 Traffic Control, Vehicular and Pedestrian Signage - General

All traffic control devices shall be clearly marked with the contractor’s name, shown on the non-retroreflective surface. The marking shall be a non-retroreflective colour.

j) CKSS 710.02 Pavement markings - Material

Added: “Material type shall be as specified on the pavement marking plan or as directed by the Contract Administrator.”

Revised: “Pavement markings applied on surface asphalt at finished grade are to be thermoplastic

To: “Durable pavement markings are to be thermoplastic or cold plastic.”

k) CKSS 710.03.01.02 Pavement Markings - Construction – Application – Water-Borne Traffic Paint

Revised: “When water-borne traffic paint is being applied below the recommend atmospheric temperature...”

To: “Two coats of water-borne paint shall be applied immediately regardless of atmospheric temperature.”

l) CKSS 802.03 Topsoil – Measurement for Payment

Revised: "Measurement for payment will be on a cubic metre basis, as per quantities recorded on supplied load tickets."

To: "Measurement for payment will be on a cubic metre basis, as per quantities placed; complete with submission of printed truck weigh tickets supplied upon delivery to site."

Standard Drawings

a) CKSD 1104.010

Deleted 38mm as an option for water service size