

January 2024

City of Peterborough

Unit Price Contract Supplemental General Conditions and
Standard Specifications Modification Summary



City of Peterborough
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Department: **Infrastructure and Planning Services**

January 2024 Edition

The following information is provided by the City of Peterborough to be considered part of Contracts where identified in the tender documents.

Unit Price Contract Supplemental General Conditions and Standard Specifications
Modification Summary

Please notify the contact listed below of any omissions or errors in these documents.

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Supplemental General Conditions

Added to: 6. Conflicts and Omissions

The Contractor shall do all work and furnish all materials in accordance with the **Industry Standard**, and in the event of any inconsistency or conflict in the provisions of the plans or specifications, such provisions shall take precedence and govern in the following order:

- a) Agreement
- b) Addenda
- c) Information for Bidders
- d) Special Provisions
- e) Tender
- f) Contract Technical Specifications
- g) Contract Plans and Detail Drawings
- h) City of Peterborough Standard Specifications and Standard Drawings
- i) Ontario Provincial Standard Specifications (MUNI - Municipal Version) and Ontario Provincial Standard Drawings
- j) Ontario Provincial Standard Specifications (COMM - Common Version) when a Municipal Version is not available
- k) Ontario Provincial Standard Specifications (PROV – Provincial Version) when a Municipal and Common Version is not available
- l) City of Peterborough Supplemental General Conditions
- m) Ontario Provincial Standards General Conditions (MUNI - Municipal Version)

Ministry of Transportation of Ontario Standard Specifications and Supplemental Specifications Neither party to the Contract shall take advantage of any apparent error or omission in the plans or specifications, but the Contract Administrator shall be permitted to make such corrections and interpretations as may be necessary for fulfillment of the intent of the plans and specifications. Any work or material not herein specified but which may be fairly implied as included in the Contract, of which the Contract Administrator shall be the judge, shall be done or furnished by the Contractor as if such work or material had been specified. **The parties acknowledge that they owe each other a duty of honest performance under the Contract.**

Added to: 19. Insurance

Claims Protocol:

If the City is Contacted by a member of the public regarding a claim arising out of operations within the scope of work contemplated under this agreement the City shall provide notice to the Contractor as well as the Contractor's insurer.

The Contractor, using industry best practices, must receive the claim and complete an investigation. Notification to the City shall be provided upon completion of the investigation and response to the claimant. A copy of the response to the claimant shall be sent to claims@peterborough.ca and copying the Contract Administrator and Project Manager.

c) Contractors Pollution Liability Insurance

The Contractor shall provide and maintain, during the term of the Contract, Contractors Pollution Liability Insurance, subject to limits of not less than Five Million (\$5,000,000) inclusive per claim, and shall include coverage for but not be limited to, bodily injury including death, property damage and remediation costs which are reasonable and necessary to investigate, neutralize, remove, remediate, including associated monitoring, or dispose of: soil, surface water, groundwater or other contamination.

The policy shall remain in force for **24** months following completion of Work. The City shall be named as an Additional Insured with respect to the operations of the Named Insured.

Added to: 30. Maintenance of Private Access

Contractor shall request utilization of Form 010 – Driveway Access Disruption Notice (C – Unit Price Contract Standard Specifications) from the Contract Administrator, as required. The City may deny the use of driveway disruptions when it deems that the work can be carried out without affecting driveways or when it is unnecessary to affect driveways. Form 010 shall be reviewed and approved by the Contract Administrator prior to distribution to residents. If the disruption is anticipated to exceed the initial disruption window within the initial notice, the Contractor shall re-issue a subsequent notice 48 hours prior to initial notice expiring, once approved by the Contract Administrator. By no means does an extension of the initial disruption window, provide approval from the City to extend the disruption beyond the initial disruption window notice. This is simply a means to notify the affected residents.

The Contractor is responsible for distribution of this form to residents.

New Supplemental General Condition: 57. Operational Constraints – Material Handling

The Contractor shall be responsible for obtaining written approval from the City to have Clear Stone and/or any unapproved/provisional granular and/or soil material prior to stockpiling such material(s) on-site. Once written approval is provided, the Contractor shall be permitted to stockpile up to a maximum of 4 triaxle trucks (approximately 80 tonnes) on-site at any given time.

The Contractor will not be compensated for operations/infrastructure that is installed when stockpiling more than the maximum allowable material on-site or installing any unapproved/provisional granular and/or soil material without prior written approval from the Contract Administrator. The City shall not be held responsible for, including but not limited to; losses due to non-payment, damages incurred by the Contractor, costs, timelines, delays, claims, etc.

Standard Specifications

Added to CP200.00 Traffic Control

Other Important Key Requirements:

- 1) All traffic control requirements shall be followed unless otherwise permitted in writing by the Contract Administrator. Any and all work performed (i.e.: asphalt placement, tack coating, grinding, etc.) that **does not conform to the requirements of CP200.00** and/or within the Contract Special Provision(s) – Traffic Control, will not be compensated for whatsoever by the City, unless **the Contract Administrator has in writing otherwise approved a Contract deviation**. The City shall not be held responsible for, including but not limited to; losses due to non-payment, damages incurred by the Contractor, costs, timelines, delays, claims, etc.

Added to CP200.01 Quality Assurance

Quality assurance test results will be provided to the General Contractor immediately through email distribution by the City's retained Geotechnical Laboratory, and all quality assurance results shall govern as acceptance testing with regards to contract requirements. The Contractor shall provide an email address for receipt of test results at the pre-construction meeting prior to commencement of project works. **For projects where a 3rd party (Consultant and/or Developer) performs the duties of the Contract Administrator, all test results and reports shall be distributed to both Contract Administrator and the designated City staff that is present during the pre-construction meeting.**

The Contractor shall be officially in receipt of the test results upon distribution from the City's Geotechnical Laboratory and deemed notified of any test result failures at such time, without the requirement for the Contract Administrator to provide notice of said failures. It is understood that the City's retained Geotechnical Laboratory will make a best effort in the turn-over of test results within a reasonable time frame; however, the Contractor shall not hold the City responsible by discounting test results or contract obligations in the event that a delay in distribution occurs.

It shall be the Contractor's responsibility to follow-up with failed test results to the Contract Administrator as they are received. If the Contractor does not take immediate action to address deficiencies and elect to continue project operations, all subsequent work shall be rendered as rejectable and require removal and replacement in order to address preceding failures. If the Contractor elects to continue project operations without being in receipt of test results, they will be deemed to be proceeding subsequent work at their own risk. The General Contractor shall be entirely responsible for providing test results to their supplier(s), and under no circumstances shall the retained Geotechnical Laboratory forward any test results to suppliers.

As per CP 310.01 and CP 351.01, the Contractor shall coordinate Quality Assurance testing/inspections through the City's Geotechnical representative a minimum of 24 hours prior to undertaking the work.

All trench backfill, road subgrade and road base sections shall be prepared, compacted and fine graded for the City's grade review and Quality Assurance testing while ensuring a minimum of 48 hours written notice to the Contract Administrator once each lift has been completed for the City's review.

Current and historical ambient air temperatures shall be established by the following links:

Historic (Station A):

https://climate.weather.gc.ca/historical_data/search_historical_data_stations_e.html?StationID=29906&Month=9&Day=23&Year=2010&timeframe=2&StartYear=1840&EndYear=2019&searchType=stnProx&txtRadius=25&optProxType=navLink&txtLatDecDeg=44.233333333333&txtLongDecDeg=78.366666666667&optLimit=specDate&selRowPerPage=25&station=PETERBOROUGH+AWOS

Current:

<https://www.theweathernetwork.com/ca/weather/ontario/peterborough>

These links shall only provide ambient air temperatures. The Contract Administrator's record of on-site conditions (ie. precipitation, snow, wet/dirty road surface, etc.) shall govern.

* Where a discrepancy exists between the Historic and Current temperatures and/or weather, the Historic (Station A) information and data shall take precedent.

Added to CP206.01 Earth Excavation, Ditching, Grading and Excess Soil (Cut/Fill/Export)

OPSS.MUNI 206, April 2019, shall apply except as amended and extended herein.

The unit price bid identified in the schedule of unit prices shall be full compensation for the supply of all equipment, labour and materials necessary for excavating and filling (where required) to the grades and cross sections indicated on the contract drawings and for the disposal of all surplus and/or unsuitable materials. The unit price bid shall also be full compensation for any stockpiling and/or double handling of excavated material to be used as backfill. The Contractor is required to obtain acceptance from the Contract Administrator for their completed grades prior to placing granular material for the road structure.

Disposal shall be completed in accordance with OPSS.MUNI 180, November 2021 and the Excess Soil Requirements below, including providing the Contract Administrator the necessary release documentation and shall be compensated for under this item.

The earth excavation and grading quantities represents the amount of material required for excavation (cut) and placement (fill) to meet the cross sections and required elevations. All excavation of topsoil is included in this item unless a separate topsoil stripping item is included in the contract.

All fill shall be placed and compacted in accordance with CP501.01. If constructing an embankment, then the bank shall be constructed as per OPSD 208.010.

Limits and requirements for earth excavation and grading are identified on the contract drawings. Any over excavation not previously approved or requested by the Contract Administrator may result in the deduction of payment for the associated theoretical granular quantity at the discretion of the Contract Administrator.

Subject to the approval from the Contract Administrator, the material removed from the existing subbase shall be used as trench backfill, if required.

The Contractor shall be responsible for establishing Quality Control Procedures and produce a Quality Control Plan as per CP501.01.

The Contractor is advised that this is an estimated quantity. Due to the nature of this item, payment will be based plan quantity.

Where the Contract Administrator deems the existing subgrade material is not suitable (i.e., organic materials are encountered), the Contractor may be required to over excavate the subgrade at the direction of the Contract Administrator. Compensation over and above the plan quantity will be made based on calculation completed by the Contract Administrator.

Property bars that are removed as a result of earth excavation and grading for the purpose of construction shall be replaced at the expense of the Contractor, unless otherwise approved by the Contract Administrator.

Excess Soil Requirements And Registering of Excess Soil Materials (for projects not exempt under Schedule 2 of O.Reg. 406/19):

Definitions as it relates to the O.Reg.:

Owner: is the Ministry of Labour (MOL) notice of project Holder.

Operator: is the General Contractor in Contract with the City.

O. Reg 406/19 and the Rules for Soil Management and Excess Soil Quality Standards (the Excess Soil Rules), shall apply except as amended and extended herein.

The unit price bid identified in the schedule of unit prices shall be full compensation for the supply of all equipment, coordination, labour and materials necessary to satisfy the requirements below:

The City will be responsible for all associated costs and coordination of a Qualified Person (QP) when required on the project site/area. Testing and Sampling requirements will be determined by the City, City's retained QP and in conjunction with the determined reuse site, when applicable. The Contractor shall have no entitlement for claims associated to testing regime changes (i.e.: more or less frequent testing, testing methods, etc), waiting for results (expected time frame 5-7 business days), the double handling of materials (ie: dumping to stockpile and reloading for further transportation)

and test pits to expedite sampling. The Contractor may request sampling and testing through the Contract Administrator only if unsuitable soils are encountered, or soil conditions are believed to have changed that were otherwise assumed to be re-used on the project site. When waiting for sampling results, the Contractor will be responsible for stockpiling of the material in a safe manner on the project site/area or in a location of their choice as approved by the City and City's retained QP.

The Contractor will be responsible for all associated costs, coordination, and deliverables of a Qualified Person (QP) when required at the receiving site. **Receiving site(s) requiring additional information beyond regulation requirements performed by the City's Consultant or where an alternate site is being requested by the Contractor where approvals were already provided by the City's QP for an initial site, will be at Contractor's expense and delays.**

Under no circumstances shall the Contractor commence excavation operations until a list of all anticipated materials for excavation is assembled with associated estimated quantities provided and accepted by the Contract Administrator. The list provided shall be in Excel format as shown in Form 008 – Earth Excavation, Grading and Excess Soil (Cut/Fill/Export).

In the case of a vac truck taking liquid soil off site that the contractor must provide the location of the destination for the liquid soil and confirmation that the facility has a site-specific instrument (i.e. permit, Environmental Compliance Approval (ECA), license, Certificate of Authorization, etc.) to receive the waste (liquid soil is a waste now). If the use of a vac truck occurs unexpectedly throughout construction, this will be required prior to any excavation being performed by use of vac truck.

Form 008 – Earth Excavation, Grading and Excess Soil (Cut/Fill/Export) shall be provided to the Contract Administrator within ten (10) business days of Award of the Contract. The City will not be responsible for delays to the commencement of excavation operations if the Contractor fails to meet this timeline in an acceptable manner. All projects will require submission of Form 008 – Earth Excavation, Grading and Excess Soil (Cut/Fill/Export). For contracts where advance testing and reporting is not provided by the City at the time of bidding the Contractor shall be made aware that testing may be conducted by the City's QP firm upon the commencement of excavation operations to determine the quality of the soil for reconfirmation by the Contractor QP for the proposed receiving site. The City shall not entertain claims for changes from assumptions made by the Contractor in Form 008 – Earth Excavation, Grading and Excess Soil (Cut/Fill/Export) because of soil quality results. Form 008 – Earth Excavation, Grading and Excess Soil (Cut/Fill/Export) shall be accompanied with documentation for each disposal and re-use site and again when any revisions are made following quality testing results.

If carried out during the design/planning phase, the City shall provide the site evaluation for the testing through any pre-planning documents (i.e. Assessment of Past Uses, Sampling and Analysis Plan, and Soil Characterization Report) prepared by a third party Environmental/Geotechnical firm.

If not already determined through the pre-planning documents, the Contractor shall inform the City at the pre-construction meeting when it is expected that the excess soil export materials are proposed to exceed 2,000 cubic meters for a given project site so that the City is given sufficient time to coordinate the Registering of such materials. If/when the Contractor does not anticipate to export more than 2,000 cubic meters of materials from a given project site, the Contractor shall provide immediate notice to the Contractor Administrator who shall be given reasonable time to coordinate for the registering of such materials, as required.

Excess Soil Hauling:

The tracking system is to be developed by the Contractor and approved by the City and the City's QP prior to removing any excess soil from the project area.

Digital (Software Application Based) Hauling records must be submitted to the Contractor Administrator by the Contractor prior to Final Completion. Any digital hauling records should be made available to the City upon request. Digital hauling records are to be submitted to the Contractor Administrator by the Contractor on a regular schedule of every 2 weeks or otherwise agreed upon at the pre-construction meeting to verify the accuracy of the records. The tracking system must include procedures or other methods to verify the accuracy of the information required to be tracked in respect of each load of excess soil that is to be removed from the project area.

If digital hauling records are not available to the Contractor, an alternative method of tracking the excess soils must be approved by the City and the City's QP. At a minimum, the tracking system shall provide all requirements outlined in the Excess Soil Rules document, mainly:

1. The locations of the project area where the soil was excavated and/or stockpiled and the quality of the soil associated with these locations and stockpiles
2. The quality of the load of excess soil being removed from the project area
3. The location of the site at which the excess soil is to be finally placed or reused
4. The date and time the excess soil left the project area
5. The person responsible from the project area for overseeing the loading of the excess soil
6. The name of the entity transporting the excess soil, the name of the driver of the vehicle and the number plates of the transport vehicle
7. The date and time the excess soil was received at the site where excess soil has been deposited
8. The contact information of the person who acknowledged receipt of the load of excess soil on behalf of the site where excess soil was deposited
9. Confirmation that the vehicle that deposited the excess soil and the volume of

soil received at the site is the same as that which left the project area.

Temporary Excess Soil Stockpiling Alternatives:

The Contractor and City may enter into a mutual written (email only) agreement, if the 'yard' is not classified as a soil bank storage site, to have materials stockpiled at the Contractor's yard. At the end of each construction season and/or when appropriate the stockpile shall be sampled and tested at the City's expense. The testing results shall determine when the material can be disposed at the Contractor's expense in standing with the requirement for potential double handling within CP206.01.

Contaminated materials will require to be disposed in standing with the appropriate contract item(s) for disposal of contaminated soils, where the Contractor shall only be permitted to request payment of tipping fees at the receiving facility as CP206.01 account for the transportation (double handling) of the soils.

The Contract Administrator shall be notified where a potential for contaminated soil is anticipated or encountered, the Contractor shall segregate the excess soil from other soil stockpiles which may be on site. Any potentially contaminated excess soil should be stored in a manner that prevents any contaminants from the soil from leaching into the groundwater at the site from the stockpile.

Disposal at a site:

A Government Instrument must be provided where applicable, if the disposal site is not owned by the General Contractor, they shall also provide a statement indicating that they have confirmed that the soil material will be delivered to a site that holds a Government Instrument.

Alternatively, where a Government Instrument is not available for the subject disposal site, the Contractor will be required to provide a named QP and associated number with their respected association along with a statement from the receiving owner and QP that the site is adequate for receiving such type, quality and quantity of material.

Where an ECA is not required by the O.Reg., proof through the Contractor's QP shall be provided to the City to demonstrate the site falls into the exemption.

Excess Soil Destination Assessment Report shall be received by the Contractor prior to disposing of any material from the project site.

Added to CP310.01 General Asphalt Requirements

Sampling & Testing

Testing quantities and frequency will be in accordance with OPSS 310.08.01.

The Contractor is responsible to arrange and coordinate the collection of three (3) field samples by a testing laboratory designated by the City, within a distance of 25km from the job site. One (1) working day notice must be given to the testing laboratory prior to

asphalt placement to assure testing availability. If the Contractor has not given one (1) working day notice and testing staff is not available, then operations will not be allowed to proceed. The testing laboratory representative shall return to the laboratory with two of the samples (test sample and referee sample). Delivery to the lab is to occur within one (1) working day of sampling.

All samples are to be collected **on-site** in the presence of the Contract Administrator in accordance with the procedures outlined by CCIL and placed in a container approved by the Contract Administrator. Prior to delivery, all samples are to be certified by the Contract Administrator by affixing a seal to the sample. Where the Contract Administrator initiates testing in accordance with OPSS requirements, the City will pay the laboratory-testing costs incurred. Any other testing over and above what is required by the City will be at the Contractors expense, including referee testing.

All costs associated with referee testing shall be the responsibility of the Contractor. Should referee testing be required, results shall conform to full suite compliance testing, including solvent extraction, gradation & marshall properties testing. Where the Contract Administrator and the Contractor agree that specific mix attributes do not require referee testing, those attributes will be considered acceptable. The Contractor shall be reimbursed for the cost of referee testing provided the referee sample is acceptable as per the requirements of OPSS.MUNI 310.

Only in instances where the Contractor has conducted QC testing indicating full compliance to a minimum frequency of one (1) sample per 500 tonnes of asphalt applied using the mix design. Where the Contractor QC results have been requested by the City and have not been received within 5 days of request, the QC results will not be considered.

Where referee testing indicated rejectable asphalt, the Contractor shall remove and replace the asphalt at the Contractor's sole expense.

Quality Assurance

Quality assurance testing protocols as referred to in CP200.01 shall apply.

Performance graded asphalt cement 64-34 (PGAC 64-34) arterial and collector roads which require work to be performed during the night hours (9PM to 7AM) as per contractual requirements shall not be paved after September 30th, unless weather conditions permit temperatures of 10°C and rising.

Operational Constraints

Prior to paving base asphalt, all catch basin structures, manhole structures, valves, etc. shall be covered by plating the opening and placing granular road base on top of the structures. All lifts of base asphalt shall be paved over top of the granular road base, followed by temporary and/or final adjustments, as required. Base asphalt, CCTV and leakage testing must be approved by the Contract Administrator prior to paving surface asphalt.

Water shall not be permitted to be placed on HMA for the purpose of accelerating cooling.

Added to CP310.05 Supply/Install HL 1 Hot Mix Asphalt (Including A/C)

Payment of this item will be as follows:

- a) 90% upon installation of acceptable asphalt as per all applicable specifications.**
- b) 10% upon successful completion of all pavement marking applications.**

Added to CP310.06 Supply/Install HL-3 Hot Mix Asphalt (Including A/C)

Payment of this item will be as follows:

- c) 90% upon installation of acceptable asphalt as per all applicable specifications.**
- d) 10% upon successful completion of all pavement marking applications.**
- a) upon successful completion of all pavement marking applications.**

Added to CP310.07 Supply/Place SS1 Emulsified Asphalt Tack Coat

Payment of this item will be as follows:

- e) 90% upon installation of acceptable asphalt as per all applicable specifications.**
- f) 10% upon successful completion of all pavement marking applications.**

Added to CP310.08 Supply/Install HL-2 Hot Mix Asphalt (Including A/C)

Payment of this item will be as follows:

- g) 90% upon installation of acceptable asphalt as per all applicable specifications.**
- h) 10% upon successful completion of all pavement marking applications.**

Amended to CP314.01 Granular 'B' Type 1 Modified

OPSS.MUNI 314, November 2023, shall apply except as amended and extended herein.

Amended to CP314.02 Granular 'A'

OPSS.MUNI 314, November 2023, shall apply except as amended and extended herein.

Added to CP407.01 Supply/Install 600mm X 600mm Concrete Catch Basins

OPSS.MUNI 407, November 2021, shall apply except as amended and extended herein.

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers. Sampling and testing of the discharge flow shall be conducted by and at the expense of the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City infrastructure shall comply with the City's Sewer By-Law. See link below for access to the Sewer By-Law:**

https://bylaws.peterborough.ca/bylaws/getFNDoc.do?class_id=20&document_id=13617

Added to CP407.02 Supply/Install 1450mm X 600mm Concrete Twin Inlet Catch Basins

OPSS.MUNI 407, November 2021, shall apply except as amended and extended herein.

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers. Sampling and testing of the discharge flow shall be conducted by and at the expense of the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City infrastructure shall comply with the City's Sewer By-Law. See link below for access to the Sewer By-Law:**

https://bylaws.peterborough.ca/bylaws/getFNDoc.do?class_id=20&document_id=13617

Added to CP407.03 Supply/Install Concrete Storm Structure

OPSS.MUNI 407, November 2021, shall apply except as amended and extended herein.

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers. Sampling and testing of the discharge flow shall be conducted by and at the expense of the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City infrastructure shall comply with the City's Sewer By-Law. See link below for access to the Sewer By-Law:**

https://bylaws.peterborough.ca/bylaws/getFNDoc.do?class_id=20&document_id=13617

Added to CP407.04 Supply/Install Concrete Sanitary Structures

OPSS.MUNI 407, November 2021, shall apply except as amended and extended herein.

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers. Sampling and testing of the discharge flow shall be conducted by and at the expense of the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City infrastructure shall comply with the City's Sewer By-Law. See link below for access to the Sewer By-Law:**

https://bylaws.peterborough.ca/bylaws/getFNDoc.do?class_id=20&document_id=13617

Amended to CP408.01 Supply / Set Catch Basin, Catch Basin Manhole, Water Valve Chambers, Bell Chambers and Manhole Frames, Covers and Grates

OPSS.MUNI 408, November 2021, shall apply except as amended and extended herein.

Amended to CP408.02 Reset / Adjust / Existing Catch Basin, Catch Basin Manhole, Water Valve Chambers, Bell Chambers and Manhole Frames, Covers and Grates

Not applicable.

Amended to CP408.03 Reset / Adjust Valve Boxes

OPSS.MUNI 408, November 2021, shall apply except as amended and extended herein.

Amended to CP408.04 Rebuilding of Existing Maintenance Holes, Catch Basins, and Ditch Inlets

OPSS.MUNI 408, November 2021, shall apply except as amended and extended herein.

Added to CP409.01 Closed Circuit Television (CCTV) Inspection of Sewers and Sewer Service Laterals

CSA PLUS 4012-10 and **OPSS.MUNI 409, November 2023**, shall apply except as amended and extended herein.

Each report must include the following information:

a) Main Line Sewers/Culverts

- Date of inspection
- Contract number
- Street Name
- Report Number
- Video ID
- Pipe ID Number
- Pipe Size
- Type of Pipe
- Type of Sewer
- Depth of flow
- Tape Number
- Counter Start
- Counter End
- Starting Manhole ID Number

- Starting Manhole Location
- Ending Manhole ID Number
- Ending Manhole Location
- Direction of Inspection
- Direction of Flow
- Operator Name
- Condition of line
- Cleanliness
- Gases
- Condition of manhole
- Other Comments

Added to CP410.01 Supply/Install DR 35 PVC Storm Sewer

OPSS.MUNI 410, November 2018, shall apply except as amended and extended herein.

The unit price bid identified in the schedule of unit prices (including both cross drains and mains) to supply and install DR 35 PVC storm sewer in accordance with the size indicated on the contract drawings shall include but not necessarily be limited to the following:

- b) Excavation and disposal of all surplus or unsuitable material **as per CP 206.01**.
- c) All sheathing, shoring, bracing, and dewatering as per OPSS.MUNI 517 and 518 that may be required.
- d) Supply, place and install the size and class of pipe indicated on the contract drawings.
- e) Supply, place and compact (Granular A) bedding in accordance with OPSD 802.010 and CP501.01.
- f) Temporary support of surrounding utilities located within the excavation, if required.
- g) Supply, place in 300 mm lifts, and compact to CP501.01, suitable native backfill to the subgrade elevation below the proposed road as dictated by the road cross sections for the given street.

- h) All transitions and adaptors necessary to connect newly installed pipes to existing pipes. Blind tee connections must be constructed with factory made tees, **Inserta Tees (or approved equivalent by the Contract Administrator)**, or by coring into the existing pipe. **If coring is not feasible as approved in writing by the Contract Administrator, alternative methods may be used at no additional cost to the City, and approved by the Contract Administrator.**
- i) Connections to existing and new structures in accordance with CPD 708.020, including tapping of pipes into existing structures with the use of rubberized connectors (boots) and altering benching, if required.
- j) Cleaning, flushing and CCTV camera inspection of the completed sewer in accordance with CP409.01.
- k) All pumping, by passing, temporary pipes and sand bagging etc. to keep the system operational at all times and not adversely affect the installation of pipe bedding downstream.
- l) Leakage testing of new sewers in accordance with OPSS.MUNI 410. Contractor is required to submit in document form a table stating the pipe run id, length of run, diameter of pipe in mm and the calculated allowable leakage per run to the Contract Administrator two (2) working days prior to testing, all actual leakage shall be recorded by the contractor and submitted once testing is complete. Contractor is to use City of Peterborough Form 001 or Form 002 for report.

Deflection testing as per OPSS.MUNI 410 and OPSS.MUNI 438 when requested based on CCTV inspection review. Digital image in MPEG format.

Cross drain sizes shall be as follows:

- 250 mm from all 600x600 catch basins
- 300 mm from all 600x1450 catch basins

Should it be determined that the native soil is suitable for bedding then the contractor will be required to give the City a credit for bedding equivalent to the cost per tonne or cubic metre for Granular 'A' delivered to the job site times the theoretical bedding quantity per lineal metre of pipe as determined by OPSD 802.010.

It is the Contractor's responsibility to notify the appropriate utility company of all conflicting underground services and to remove and dispose of any abandoned underground service that conflicts with the proposed storm sewer work.

A Leakage Test shall be completed on all new storm structures in accordance with OPSS.MUNI 407. Contractor is required to submit in document form a table stating the structure ID, diameter of MH and the calculated allowable leakage per structure to the

Contract Administrator two (2) working days prior to testing. Actual leakage shall be recorded by the contractor and submitted once testing is complete. Contractor is to use City of Peterborough Form 001 for report.

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers. Sampling and testing of the discharge flow shall be conducted by and at the expense of the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City infrastructure shall comply with the City's Sewer By-Law. See link below:**

https://bylaws.peterborough.ca/bylaws/getFNDoc.do?class_id=20&document_id=13617

The Contractor shall maintain the flow; where required, of all sewers, drains and/or inlet connections encountered during the progress of the work and if necessary, provide by-pass pumping.

Payment of this item will be as follows:

- a) 90% upon installation of the sewer structure as per specifications
- b) 10% upon successful completion of leak testing, submittal of leak testing documents, completion of CCTV works and submission and acceptance of CCTV submissions as per CP409.01.

Added to CP410.02 Supply/Install Concrete Storm Sewer

OPSS.MUNI 410, November 2018, shall apply except as amended and extended herein.

The unit price bid identified in the schedule of unit prices to supply and install concrete storm sewer in accordance with the size and pipe grade indicated on the contract drawings shall include but not necessarily be limited to the following:

- a) Excavation and disposal of all surplus or unsuitable material **as per CP 206.01**.
- b) All sheathing, shoring, bracing, and dewatering as per OPSS.MUNI 517 and 518 that may be required.
- c) Temporary support of surrounding utilities located within the excavation, if required. The temporary removal and relaying of existing storm cross drains.
- d) Supply, place and install the size and class of pipe indicated in this item's description.
- e) Supply, place, and compact bedding (Granular A) in accordance with OPSD 802.030 (Class B Bedding), 802.031 (Class B Bedding) or 802.032 (Class B Bedding) in conformance with CP501.01.

- f) Supply, place in 300mm lifts, and compact to CP501.01, suitable native backfill to the subgrade elevation below the proposed road as dictated by the road cross sections for the given street.
- g) All transitions and adaptors necessary to connect newly installed pipes to existing pipes. Blind tee connections must be constructed with factory made tees, **Inserta Tees (or approved equivalent by the Contract Administrator)**, or by coring into the existing pipe. **If coring is not feasible as approved in writing by the Contract Administrator, alternative methods may be used at no additional cost to the City, and approved by the Contract Administrator.**
- h) Connections to existing and new structures in accordance with CPD 708.020, including tapping of pipes into existing structures with the use of rubberized connectors (boots) and altering benching, if required.
- i) Cleaning, flushing and CCTV camera inspection of the completed sewer in accordance with CP409.01.
- j) All pumping, by passing, temporary pipes and sand bagging etc. to keep the system operational at all times and not adversely affect the installation of pipe bedding downstream.
- k) Leakage testing of new sewers in accordance with OPSS.MUNI 410. Contractor is required to submit in document form a table stating the pipe run id, length of run, diameter of pipe in mm and the calculated allowable leakage per run to the Contract Administrator two (2) working days prior to testing, all actual leakage shall be recorded by the contractor and submitted once testing is complete. Contractor is to use City of Peterborough Form 001 or Form 002 for report..

Should it be determined that the native soil is suitable for bedding, the contractor will be required to give the City a credit for bedding equivalent to the cost per tonne or cubic metre for Granular 'A' delivered to the job site times the theoretical bedding quantity per linear metre of pipe as determined by the OPSD per item e).

Concrete sewer pipe and joints shall conform to MOEE Standard Specification No. II. Connections to the concrete storm sewer shall be made using pre-manufactured tees.

It is the Contractor's responsibility to notify the appropriate utility company of all conflicting underground services and to remove and dispose of any abandoned underground service that conflicts with the proposed sewer work.

All concrete sewer pipes shall be certified by the manufacturer and shall be stamped "Vacuum Tested" in green paint. All concrete storm sewer pipes shall utilize strength capacity class 65-D as a minimum unless otherwise specified in the contract documentation and/or contract drawings.

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers.

Sampling and testing of the discharge flow shall be conducted by and at the expense of the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City infrastructure shall comply with the City's Sewer By-Law. See link below for access to the Sewer By-Law:**

https://bylaws.peterborough.ca/bylaws/getFNDoc.do?class_id=20&document_id=13617

The Contractor shall maintain the flow; where required, of all sewers, drains and/or inlet connections encountered during the progress of the work and if necessary, provide by-pass pumping.

Payment of this item will be as follows:

- a) 90% upon installation of the sewer structure as per specifications
- b) 10% upon successful completion of leak testing, submittal of leak testing documents, completion of CCTV works and submission and acceptance of CCTV submissions as per CP409.01

Added to CP410.03 Supply/Install DR 28 PVC Sanitary Service

OPSS.MUNI 410, November 2018, shall apply except as amended and extended herein.

The unit price bid identified in the schedule of unit prices shall be full compensation for all labor, equipment and materials required for the supply and installation of sanitary service connections including all fittings, adaptors, etc., except where these fittings and adaptors are paid for under other items, necessary to connect to either existing sewers or replacement sewers in accordance with standard drawing OPSD 1006.010 as necessary and indicated on the contract drawings shall include but not necessarily be limited to the following:

- a) Excavation and disposal of all surplus or unsuitable material **as per CP 206.01**.
- b) All sheathing, shoring, bracing, and dewatering as per OPSS.MUNI 517 and 518 that may be required.
- c) Supply, place and install the size and class of pipe indicated on the contract drawings.
- d) Supply, place, and compact bedding (Granular A) in accordance with OPSD 802.010 and CP501.01.
- e) Temporary support of surrounding utilities located within the excavation, if required.
- f) Supply, place in 300 mm lifts, and compact to CP501.01, suitable native backfill to the subgrade elevation below the proposed road as dictated by the road cross sections for the given street.

- g) All transitions and adaptors necessary to connect newly installed pipes to existing pipes. Blind tee connections must be constructed with factory made tees, **Inserta Tees (or approved equivalent by the Contract Administrator)**, or by coring into the existing pipe. **If coring is not feasible as approved in writing by the Contract Administrator, alternative methods may be used at no additional cost to the City, and approved by the Contract Administrator.**
- h) Connections to existing and new structures in accordance with CPD 708.020, including tapping of pipes into existing structures with the use of rubberized connectors (boots) and altering benching, if required.
- i) Cleaning, flushing and CCTV camera inspection of the completed sewer in accordance with CP409.01.
- j) All pumping, by passing, temporary pipes and sand bagging etc. to keep the system operational at all times and not adversely affect the installation of pipe bedding downstream.
- k) Leakage testing of new sewers in accordance with OPSS.MUNI 410. Contractor is required to submit in document form a table stating the pipe run id, length of run, diameter of pipe in mm and the calculated allowable leakage per run to the Contract Administrator two (2) working days prior to testing, all actual leakage shall be recorded by the contractor and submitted once testing is complete. Contractor is to use City of Peterborough Form 001 or Form 002 for report.

Deflection testing as per OPSS.MUNI 410 and OPSS.MUNI 438 when requested based on CCTV inspection review. Digital image in MPEG format. Where services are placed to the property lines, leakage testing of services is required in accordance with OPSS.MUNI 410. The proposed services will extend from the proposed main to the property line, unless replacing an existing service.

The unit price shall also include excavation and removal/disposal of existing service, all bedding materials required for the new connection and management of the existing flow. Flows are to be maintained at all times.

The color of the PVC sanitary service pipe shall be green unless otherwise specified.

When terminating unconnected services, they shall be identified with a 2"x4" (38mm x 89mm) wood stakes placed from the service invert to 150mm below grade and painted green for the top 300mm of the stake. Plugged or capped service connections shall be marked on the top surface of the last 3m of the upstream end of the pipe with yellow PVC adhesive tape (50mm wide) labeled continuously in black lettering (40mm wide).

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers. Sampling and testing of the discharge flow shall be conducted by and at the expense of the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City**

infrastructure shall comply with the City's Sewer By-Law. See link below for access to the Sewer By-Law:

https://bylaws.peterborough.ca/bylaws/getFNDoc.do?class_id=20&document_id=13617

The Contractor shall maintain the flow; where required, of all sewers, drains and/or inlet connections encountered during the progress of the work and if necessary, provide by-pass pumping.

Added to CP410.04 Supply/Install DR 35 PVC Sanitary Sewer

OPSS.MUNI 410, November 2018, shall apply except as amended and extended herein.

The unit price bid identified in the schedule of unit prices to supply and install DR 35 PVC sanitary sewer in accordance with the size indicated on the contract drawings shall include but not necessarily be limited to the following:

- a) Excavation and disposal of all surplus or unsuitable material **as per CP 206.01**.
- b) All sheathing, shoring, bracing, and dewatering as per OPSS.MUNI 517 and 518 that may be required.
- c) Temporary support of surrounding utilities located within the excavation, if required. The temporary removal and relaying of existing storm cross drains.
- d) Supply, place and install the size and class of pipe indicated on the contract drawings.
- e) Supply, place and compact (Granular A) bedding in accordance with OPSD 802.010. All granular bedding is to be compacted according to CP501.01.
- f) Supply, place in 300 mm lifts, and compact to CP501.01, suitable native backfill to the subgrade elevation below the proposed road as dictated by the road cross sections for the given street.
- g) All transitions and adaptors necessary to connect newly installed pipes to existing pipes. Blind tee connections must be constructed with factory made tees, **Inserta Tees (or approved equivalent by the Contract Administrator)**, or by coring into the existing pipe. **If coring is not feasible as approved in writing by the Contract Administrator, alternative methods may be used at no additional cost to the City, and approved by the Contract Administrator.**
- h) Connections to existing and new structures in accordance with CPD 708.020, including tapping of pipes into existing structures with the use of rubberized connectors (boots) and altering benching, if required.
- i) Cleaning, flushing and CCTV camera inspection of the completed sewer in accordance with CP409.01.

- j) All pumping, by passing, temporary pipes and sand bagging etc. to keep the system operational at all times and not adversely affect the installation of pipe bedding downstream.
- k) Leakage testing of new mains in accordance with OPSS.MUNI 410. Contractor is required to submit in document form a table stating the pipe run id, length of run, diameter of pipe in mm and the calculated allowable leakage per run to the Contract Administrator two (2) working days prior to testing, all actual leakage shall be recorded by the contractor and submitted once testing is complete. Contractor is to use City of Peterborough Form 001 or Form 002 for report.

Deflection testing as per OPSS.MUNI 410 and OPSS.MUNI 438 when requested based on CCTV inspection review. Digital image in MPEG format. Should it be determined that the native soil is suitable for bedding then the contractor will be required to give the City a credit for bedding equivalent to the cost per tonne or cubic metre for Granular 'A' delivered to the job site times the theoretical bedding quantity per linear metre of pipe as determined by OPSD 802.010.

It is the Contractor's responsibility to notify the appropriate utility company of all conflicting underground services and to remove and dispose of any abandoned underground service that conflicts with the proposed sewer work.

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers. Sampling and testing of the discharge flow shall be conducted by and at the expense of the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City infrastructure shall comply with the City's Sewer By-Law. See link below for access to the Sewer By-Law:**

https://bylaws.peterborough.ca/bylaws/getFNDoc.do?class_id=20&document_id=13617

The Contractor shall maintain the flow; where required, of all sewers, drains and/or inlet connections encountered during the progress of the work and if necessary, provide by-pass pumping.

Payment of this item will be as follows:

- a) 90% upon installation of the sewer structure as per specifications
- b) 10% upon successful completion of leak testing, submittal of leak testing documents, completion of CCTV works and submission and acceptance of CCTV submissions as per CP409.01.

Added to CP410.05 Supply/Install Concrete Sanitary Sewer

OPSS.MUNI 410, November 2018, shall apply except as amended and extended herein.

The unit price bid identified in the schedule of unit prices to supply and install concrete sanitary sewer in accordance with the size and pipe grade indicated on the contract drawings shall include but not necessarily be limited to the following:

- a) Excavation and disposal of all surplus or unsuitable material **as per CP 206.01**.
- b) All sheathing, shoring, bracing, and dewatering as per OPSS.MUNI 517 and 518 that may be required.
- c) Temporary support of surrounding utilities located within the excavation, if required. The temporary removal and relaying of existing storm cross drains.
- d) Supply, place and install the size and class of pipe indicated in this item's description.
- e) Supply, place, and compact bedding in accordance with OPSD 802.030 (Class B Bedding), 802.031 (Class B Bedding) or 802.032 (Class B Bedding) and in accordance with CP501.01.
- f) Supply, place in 300 mm lifts, and compact to CP501.01, suitable backfill to the subgrade elevation below the proposed road as dictated by the road cross sections for the given street.
- g) All transitions and adaptors necessary to connect newly installed pipes to existing pipes. Blind tee connections must be constructed with factory made tees, **Inserta Tees (or approved equivalent by the Contract Administrator)**, or by coring into the existing pipe. **If coring is not feasible as approved in writing by the Contract Administrator, alternative methods may be used at no additional cost to the City, and approved by the Contract Administrator.**
- h) Connections to existing and new structures in accordance with CPD 708.020, including tapping of pipes into existing structures with the use of rubberized connectors (boots) and altering benching, if required.
- i) Cleaning, flushing and CCTV camera inspection of the completed sewer in accordance with CP409.01.
- j) All pumping, by passing, temporary pipes and sand bagging etc. to keep the system operational at all times and not adversely affect the installation of pipe bedding downstream.

Leakage testing of new mains in accordance with OPSS.MUNI 410. Contractor is required to submit in document form a table stating the pipe run id, length of run, diameter of pipe in mm and the calculated allowable leakage per run to the Contract Administrator two (2) working days prior to testing, all actual leakage shall be recorded

by the contractor and submitted once testing is complete. Contractor is to use City of Peterborough Form 001 or Form 002 for report. Should it be determined that the native soil is suitable for bedding then the contractor will be required to give the City a credit for bedding equivalent to the cost per tonne or cubic metre for Granular 'A' delivered to the job site times the theoretical bedding quantity per linear metre of pipe as determined by the OPSD per item e).

Concrete sewer pipe and joints shall conform to MOEE Standard Specification No.II.

It is the Contractor's responsibility to notify the appropriate utility company of all conflicting underground services and to remove and dispose of any abandoned underground service that conflicts with the proposed sewer work.

All concrete sewer pipes shall be certified by the manufacturer and shall be stamped "Vacuum Tested" in green paint. All concrete sanitary sewer pipes shall utilize strength capacity class 65-D as a minimum unless otherwise specified in the contract documentation and/or contract drawings.

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers. Sampling and testing of the discharge flow shall be conducted by and at the expense of the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City infrastructure shall comply with the City's Sewer By-Law. See link below for access to the Sewer By-Law:**

https://bylaws.peterborough.ca/bylaws/getFNDoc.do?class_id=20&document_id=13617

The Contractor shall maintain the flow; where required, of all sewers, drains and/or inlet connections encountered during the progress of the work and if necessary, provide by-pass pumping.

Payment of this item will be as follows:

- a) 90% upon installation of the sewer structure as per specifications
- b) 10% upon successful completion of leak testing, submittal of leak testing documents, completion of CCTV works and submission and acceptance of CCTV submissions as per CP409.01

Added to CP410.08 Supply/Install DR 28 PVC Storm Service

OPSS.MUNI 410, November 2018, shall apply except as amended and extended herein.

The unit price bid identified in the schedule of unit prices shall be full compensation for all labor, equipment and materials required for the supply and installation of storm

service connections including all fittings, adaptors, etc., except where these fittings and adaptors are paid for under other items, necessary to connect to either existing sewers or replacement sewers in accordance with standard drawing OPSD 1006.010 as necessary as Indicated on the contract drawings shall include but not necessarily be limited to the following:

- a) Excavation and disposal of all surplus or unsuitable material **as per CP 206.01**.
- b) All sheathing, shoring, bracing, and dewatering as per OPSS.MUNI 517 and 518 that may be required.
- c) Supply, place and install the size and class of pipe indicated on the contract drawings.
- d) Supply, place, and compact bedding (Granular A) in accordance with OPSD 802.010. All granular bedding is to be compacted in conformance with CP501.01.
- e) Temporary support of surrounding utilities located within the excavation, if required.
- f) Supply, place in 300 mm lifts, and compact to CP501.01, suitable native backfill to the subgrade elevation below the proposed road as dictated by the road cross sections for the given street.
- g) All transitions and adaptors necessary to connect newly installed pipes to existing pipes. Blind tee connections must be constructed with factory made tees, **Inserta Tees (or approved equivalent by the Contract Administrator)**, or by coring into the existing pipe. **If coring is not feasible as approved in writing by the Contract Administrator, alternative methods may be used at no additional cost to the City, as approved by the Contract Administrator.**
- h) Connections to existing and new structures shall be in accordance with CPD 708.020 including tapping of pipes into existing structures with the use of manufactured rubberized connectors and altering benching, if required.
- i) Cleaning, flushing and CCTV camera inspection of the completed sewer in accordance with CP409.01.
- j) All pumping, by passing, temporary pipes and sand bagging etc. to keep the system operational at all times and not adversely affect the installation of pipe bedding downstream.
- k) Leakage testing of new sewers in accordance with OPSS.MUNI 410. Contractor is required to submit in document form a table stating the pipe run id, length of run, diameter of pipe in mm and the calculated allowable leakage per run to the Contract Administrator two (2) working days prior to testing, all actual leakage shall be recorded by the contractor and submitted once testing is complete. Contractor is to use City of Peterborough Form 001 or Form 002 for report.

Deflection testing as per OPSS.MUNI 410 and OPSS.MUNI 438 when requested based on CCTV inspection review. Digital image in MPEG format. Size shall be 150mm unless otherwise specified on contract drawings and/or documents.

Where services are placed to the property lines, leakage testing of services is required in accordance with OPSS.MUNI 410. The proposed services will extend from the proposed main to the property line, unless replacing an existing service.

The unit price shall also include excavation and removal/disposal of existing service, all bedding materials required for the new connection and management of the existing flow. Flows are to be maintained at all times.

The color of the PVC storm service pipe shall be white unless otherwise specified.

When terminating unconnected services, they shall be identified with a 2"x4" (38mm x 89mm) wood stakes placed from the service invert to 150mm below grade and painted red for the top 300mm of the stake. Plugged or capped service connections shall be marked on the top surface of the last 3m of the upstream end of the pipe with yellow PVC adhesive tape (50mm wide) labeled continuously in black lettering (40mm wide).

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers. Sampling and testing of the discharge flow shall be conducted by and at the expense of the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City infrastructure shall comply with the City's Sewer By-Law. See link below for access to the Sewer By-Law:**

https://bylaws.peterborough.ca/bylaws/getFNDoc.do?class_id=20&document_id=13617

The Contractor shall maintain the flow; where required, of all sewers, drains and/or inlet connections encountered during the progress of the work and if necessary, provide by-pass pumping.

Added to CP416.01 Supply/Install Sewer by Jacking and Boring

OPSS.MUNI 416, November 2023, shall apply except as amended and extended herein.

Added to CP510.07 Remove/Dispose of Existing Storm Sewer

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers. Sampling and testing of the discharge flow shall be conducted by and at the expense of

the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City infrastructure shall comply with the City's Sewer By-Law. See link below for access to the Sewer By-Law:**

https://bylaws.peterborough.ca/bylaws/getFNDoc.do?class_id=20&document_id=13617

CP510.08 Remove/Dispose of Existing Storm Structures

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers. Sampling and testing of the discharge flow shall be conducted by and at the expense of the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City infrastructure shall comply with the City's Sewer By-Law. See link below for access to the Sewer By-Law:**

https://bylaws.peterborough.ca/bylaws/getFNDoc.do?class_id=20&document_id=13617

Added to CP510.09 Remove/Dispose of Existing Sanitary Sewer

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers. Sampling and testing of the discharge flow shall be conducted by and at the expense of the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City infrastructure shall comply with the City's Sewer By-Law. See link below for access to the Sewer By-Law:**

https://bylaws.peterborough.ca/bylaws/getFNDoc.do?class_id=20&document_id=13617

Added to CP510.10 Remove/Dispose of Existing Sanitary Structures

Where dewatering is required, if discharge flow cannot be reasonably directed into the nearest body of water due to the distance from site to disposal site, the City may be acceptable to disposal of dewatered flow into City owned storm/sanitary sewers. Sampling and testing of the discharge flow shall be conducted by and at the expense of the Contractor, to the approval of the City for disposal into the City's storm/sanitary sewers, with storm sewer being the preferred option. **All flows discharged into City infrastructure shall comply with the City's Sewer By-Law. See link below for access to the Sewer By-Law:**

Added to CP510.13 Removal/Disposal of Existing Frames, Covers and Grates

The unit price bid identified in the schedule of unit prices shall be full compensation for the supply of all labor, materials, **structure debris preventative measures** and equipment necessary to remove and dispose of existing frames, covers and grates as shown on the contract drawings.

Standard Drawings

Amended Drawings:

- **CPD 408.01 REV4 – See revised drawing.**
- **CPD 408.02 REV3 – See revised drawing.**
- **CPD 408.03 REV3 – See revised drawing.**
- **CPD 408.04 REV3 – See revised drawing.**
- **CPD 408.07 REV1 – See revised drawing.**
- **CPD M1.3 REV1 – See revised drawing.**
- **CPD M1.4 REV1 – See revised drawing.**

Standard Forms

Amended Forms:

- **Form 001 (Leakage Testing) – See revised form.**
- **Form 002 (Leakage Testing) – See revised form.**
- **Form 003 (Notification of Concrete Pour or Asphalt Paving) – See revised form.**
- **Form 006 (Traffic Control Application & Covering Letter for Engineering Projects) – See revised form.**

New Form:

- **Form 010 (Driveway Access Disruption Notice) – See new form.**