

**THE REGIONAL MUNICIPALITY
OF PEEL
BASIS OF PAYMENT
FOR
RESTORATION**

The Regional Municipality of Peel
Basis of Payment
Restoration

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Payment at the contract price for the appropriate items for the reinstatement following the installation of sanitary sewers, forcemains, watermains, service connections, and their associated appurtenances shall include full compensation for all labour, equipment and materials for complete restoration, except as otherwise provided under the other tender items for reinstatement and as follows:

PR.1 ASPHALT RESTORATION

- a) Granular `A`
 - Preparation of trench by removal and disposal of surplus granular off-site and grading and compacting trench to 100% Standard Proctor Density.
 - Supply and place Granular `A` material to specified depths and compaction to 100% Standard Proctor Density.

- b) Asphalt Driveway
 - Sawcutting each side of the trench as per detail on the Contract Drawings
 - Removal and disposal of asphalt off site
 - Placing and compacting HL3A asphalt to match the depth of existing asphalt (or to provide a minimum of 50 mm)

- c) Asphalt Pavement
 - Removal and disposal of cold mix asphalt and any excess Granular "A" material
 - Supply, place and compact specified depth of HL8 asphalt
 - Application of tack coat as per manufacturer's specifications
 - Supply, place and compact specified depth of machine laid HL3 asphalt
 - Sweeping and washing of road from edge to edge of pavement with power sweeper and water

The measurement for payment shall be in square metres over the area that has been placed at the specified depth. Areas that do not meet the specified depth shall be excluded from the measurement.

- d) Removal and Disposal of Extra Existing Asphalt
- Removal and disposal off site of existing asphalt
 - Preparation of subgrade prior to final restoration

Note: Prior to preparation for the installation of HL8 asphalt, a site meeting will be held to determine the removal of extra asphalt, which will include the following:

The existing asphalt between the face of the curb (or the edge of pavement) to the trench wall, which is 1.3m or less;

Other locations as authorized by the Region's Project Manager.

The existing asphalt will not be removed until the areas have been measured by the Region's Inspector and Vendor.

PR.2 SODDING AND SEEDING

- a) Sod and Topsoil
- Preparation of site
 - Supply and placing 100 mm of imported topsoil
 - Fine grading to meet elevations as per contract drawings or match existing grades less the thickness of the sod to be placed
 - Supply and placing No. 1 nursery sod complete as per OPSS 571 in locations as directed by the Engineer.
 - Elevations of new sod are to match the existing adjacent sod elevations.

Payment shall be per square metre of sod measured in place by the Engineer. Sod that requires replacement as a result of sloppy or negligent workmanship shall not be included in the payment

measurement. Contractor shall obtain written authorization from the Engineer after completion of topsoil, but prior to sodding.

b) Watering

- Both initial and maintenance watering for a minimum of 30 days or until the sod has taken root.
- Warranty of 30 days from date sod laid.

Measurement for payment shall be in cubic metres of water applied to the sod.

c) Seeding and Mulching

- Preparation of site
- Supply and placing 100 mm of imported topsoil
- Fine grading to meet elevations as per contract drawings or match existing grades
- Supply and placing of seeding and mulching complete as per OPSS 572 in locations as directed by the Engineer.

Measurement for payment shall be in square metres following the contours of the ground. Contractor shall obtain written authorization from the Engineer after completion of topsoil, but prior to seeding.

PR.3 COLD MIX

- Removal and disposal of any excess granular material
- Supply, placing and compaction of 50 mm cold mix asphalt
- Maintaining the cold mix asphalt in good condition prior to the placement of Hot Mix Asphalt
- Removal and disposal of cold mix asphalt off site

Measurement for payment shall be made in square metres from limit to limit of restoration as determined by the Engineer.

PR.4 COLD PLANING

- Grinding a strip 40 mm deep at the edge of the watermain/sewer trench as per detail on contract drawing or as directed by the Engineer

Measurement for payment shall be in square metres of area cold planed as directed by the Engineer.

PR.5 SAWCUT EXISTING ASPHALT

- Sawcut existing roadway asphalt full depth (up to 200 mm thickness) along the side of the main sewer or water trench.
- If there are discrepancies in pavement thickness which are verified by the inspector, the Vendor may receive payment for the extra sawcutting based on the prorated price under this item:

$$\frac{\text{Unit Price}}{200 \text{ mm}} = \text{unit cost/mm}$$

Payment shall be based on the measured length in linear metres along the sawcut.

PR.6 CONCRETE SIDEWALK/WALKWAY

- Sawcut and removal of a complete section of sidewalk and disposal off site.
- Preparation of Granular Base (see PR.8)
- Constructing sidewalk to match existing (sidewalk to meet the requirements of the local municipality).
- Protect sidewalk until concrete has cured

Payment shall be based on the measured area of new sidewalk in square metres.

PR.7 CONCRETE CURB

- Sawcut curb on each side of trench or damaged area to undisturbed ground, minimum 300 mm
- Removal and disposal of concrete curb off site
- Preparation of granular base (see PR.8)
- Constructing curb, including supply and place concrete, to match existing and meet the requirements of the local municipality
- Protecting concrete curb until cured

Payment shall be based on the measured length in metres of new curb.

PR.8 CONCRETE DRIVEWAY

- Sawcutting, removal and disposal of concrete between road edge or curb and the first expansion joint beyond the work area
- Preparation of granular base as required to match existing driveway with respect to grade, alignment and width
- Compaction of granular base to 100% Standard Proctor Density
- Constructing driveway to match existing depth or 130 mm minimum
- Supply and place concrete to meet the requirements of the local municipality
- Protecting driveway until cured

Payment shall be based on the measured area of new driveway in square metres.

PR.9 INTERLOCKING BRICK DRIVEWAY

- Removal and temporary storage of existing interlocking paving stones prior to excavation
- Supply, place and compact 150 mm of limestone screening base
- Reinstatement of existing interlocking paving stones to match existing or better condition

Payment shall be based on the measured area reinstated in square metres.

PR.10 ROAD CLEANING AND CALIUM CHLORIDE

PR.10.1 Wash Road with Water

- Water shall be applied by means of approved equipment capable of uniform distribution and with proper control.
- Water must not be applied at a rate that will saturate the granular base and/or sub-grade.

Payment shall be based on the measurement of water applied by an accurate meter or by means of a tank of predetermined volume in cubic metres.

PR.10.2 Calcium Chloride

- Supply and place calcium chloride by use of an approved spreader at a rate and at times as directed by the Engineer.

Payment shall be based on the actual volume applied measured by the tonne.

Note: The Vendor is reminded that it is the Vendor's responsibility to prevent any hazardous conditions from arising, such as tracking of calcium chloride onto adjacent pavement.