# General

## Section includes

* + 1. This section specifies requirements for sod and seeding and initial maintenance.

## Reference standards

* + 1. Ontario Provincial Standard Specifications
			1. OPSS 802 (November 2010) – Construction Specification for Topsoil
			2. OPSS.MUNI 803 (November 2018) – Construction Specification for Sodding

## Measurement and payment

* + 1. No measurement will be made for the work of this Section. The “Measurement for Payment” and “Basis of Payment” clauses of the referenced OPS Specifications shall not apply this this Contract.
		2. Lump sum price for this Section shall include all labour, equipment and materials to do the specified work and supply the specified materials.

## Qualifications

* + 1. Firm performing work of this Section shall have at least 3 years’ experience in performing work of similar scope.

## Quality assurance

* + 1. Subsection 803.08.02 of OPSS.MUNI 803 is amended by the addition of the following:

“If surface soil should be visible between the rolls of sod the Contract Administrator may, at his sole discretion, request the Contractor to correct the open joints by providing topsoil and seed, in lieu of repositioning the displaced rolls of sod.”

# Products

## Topsoil

* + 1. Fertile, friable, sandy natural loam material with a pH of 6.0 to 7.5, containing not less than 5% organic material.
		2. Free of roots, vegetation or other debris that prevents proper placement
		3. Free of stones and clods over 20 mm in any dimension.
		4. Imported topsoil shall be screened prior to delivery to the site.
		5. Native topsoil is acceptable provided it meets or is augmented to meet the quality standards specified in this Section.

## Sod

* + 1. Subsection 803.05.01 of OPSS.MUNI 803 is amended by the deletion of the third sentence in paragraph 2, and replacing it with the following sentence:

“There shall be no more than 5 broadleaf weeds per 40 square metres of sod.”

## Source quality control

* + 1. Test proposed topsoil prior to shipment to the site and provide Consultant with a copy of test results confirming conformance with the requirements of this Section.

# Execution

## Preparation of areas to receive sod and seed

* + 1. Subsection 802.07.02 of OPSS 802 is deleted in its entirety and replaced with the following:

“Areas where topsoil is to be placed shall be fine graded to a uniform surface according to OPSS 206. The subgrade shall be compacted to 95% Standard Proctor Density. The surface shall then be loosened to a depth of 25 mm. The prepared subgrade surface shall be at a depth to allow for placement of 150 mm of topsoil.”

## Placement of topsoil

* + 1. Subsection 802.07.03 of OPSS 802 is deleted in its entirety and replaced with the following:

“Topsoil shall be placed to a uniform depth of 150 mm on areas specified in the Contract Documents.”

## Placement of sod

* + 1. Subsection 803.07.04 of OPSS.MUNI 803 is amended by the addition of the following:

“Sod shall be placed within 24 hours after delivery to the job site unless otherwise authorized by the Contract Administrator. Sod not placed within the permitted time shall be removed and disposed of off-site and replaced with new sod meeting specifications. Sod shall be rolled within 24 hours of being placed. Sod shall be saturated immediately after rolling. On all slopes 2:1 or steeper, every sod piece shall be pegged. Sod along ditch inverts and one row on both sides of the ditch invert shall be pegged. Minimum width of sod to be pegged in ditches shall be 1.2 m.“

* + 1. Subsection 803.07.05 of OPSS.MUNI 803 is deleted in its entirety and replaced with the following:

“Sod shall be maintained for a 30 consecutive calendar day maintenance period following completion of placement. For sod placed after September 30 in any calendar year, sod shall be maintained until May 30 of the following calendar year. All sod placed shall be kept healthy, actively growing and green in leaf colour. The Contractor shall provide maintenance watering as required during the maintenance period.”

* + 1. For initial cutting, cut sod on a graduated cutting schedule as follows.
		2. Do 3 cuttings after sod has been placed.
		3. Do first cut 25 days after sod placement. Cut sod to 115 mm (4.5”) height.
		4. Within a few days, do a second cut to a height of 100 mm (4”)
		5. At end of maintenance period, do final cut to a height of 90 mm (3.5”).

## Sod maintenance

* + 1. Subsection 803.07.05 of OPSS.MUNI 803 is amended by the addition of the following:

“If surface soil should be visible between the rolls of sod the Contractor Administrator may, at his sole discretion, request the Contractor to correct the open joints by providing topsoil and seed, in lieu of repositioning the displaced rolls of sod.”

End of section