



**CITY OF
SWIFT CURRENT**
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**SECTION 13550
SODDING**

DECEMBER 2015



CONSTRUCTION SPECIFICATIONS

SECTION: 13550 SODDING

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1 GENERAL

1.1 DESCRIPTION

- 1.1.1 This section includes the supply and installation of sod within areas required by the City.
- 1.1.2 The Contractor shall provide all labour, products and equipment required for work including, but not limited to:
- Supply and installation of sod, fertilizer and staking where applicable.

1.2 RELATED SECTIONS

- 13060 Irrigation Installation
- 13080 Trees, Shrubs, and Plants
- 13400 Topsoil and Seeding

1.3 JOB CONDITIONS

- 1.3.1 Proceed with sodding operations only during favourable weather conditions and in accordance with good horticultural practice.

1.4 INSPECTION

- 1.4.1 Make all materials available for inspection, upon arrival on the site, or at source of supply when requested.
- 1.4.2 Submit name of sod supplier.
- 1.4.3 Give one (1) working day notice, when materials are available for inspection.
- 1.4.4 Ensure written approval of finished topsoil surface is obtained from the Project Manager before proceeding with sodding.
- 1.4.5 The Project Manager reserves the right to reject sod, after it has been installed, if sod does not conform to the specifications and/or drawings.
- 1.4.6 Remove all rejected materials immediately from the site.
- 1.4.7 Give one (1) working day notice to the Project Manager when all sodding work has been completed. All sodding work is to be inspected upon completion.

2 PRODUCTS

2.1 PRODUCT DELIVERY, STORAGE AND HANDLING

- 2.1.1 Cut sod by approved methods in accordance with recommendations of the Saskatchewan Nursery Landscape Association (S.N.L.A.). Cut in pieces approximately 0.84 square metres (1² yard) in area with minimum soil and root thickness of 25 mm (1 inch). Where oversized rolls are utilized, the pieces shall be cut as per manufacturer's recommendations.
- 2.1.2 Roll or fold sod prior to lifting, in such a manner as to prevent tearing or breaking.
- 2.1.3 Protect sod during transportation to prevent drying out and ensure its arrival at the site in a fresh and healthy condition.

- 2.1.4 Sod should be installed upon arrival. If there is a delay in installation due to weather, keep sod moist and cool and protected from direct exposure to the sun until installation. Project Manager shall reject sod that has dried out.
- 2.1.5 Provide fertilizer in standard manufacturer's containers, clearly marked with the name of the manufacturer, weight and analysis.

2.2 SOD

- 2.2.1 Grass Sod: Certified No. 1 grade cultivated turf grass sod, grown and sold in accordance with A.N.T.A. classifications. At the time of sale, it must have a strong, fibrous root system and be free of stones and burned or bare spots.

2.3 WOODEN PEGS

- 2.3.1 Wooden Pegs: 25 mm x 25 mm x 225 mm (1 inch x 1 inch x 9 inch) minimum length pegs. Ensure pegs are long enough to securely anchor sod.

3 EXECUTION

3.1 PREPARATION

- 3.1.1 Apply fertilizer at the following rates: 16 - 20 - 0 at 3.5 kg (8 lbs.) per 400 kg/ha,(1000 feet²). Equivalent fertilizer may be applied provided the Contractor consults with the Project Manager prior to application.
- 3.1.2 Spread the fertilizer at the specified rate prior to laying sod.

3.2 INSTALLATION

- 3.2.1 Lay sod with tight butt joints. Do not leave any open joints or overlap adjacent pieces of sod. Ensure that adjacent rows are laid in a staggered sequence.
- 3.2.2 Ensure finished sod surface is flush with adjoining grass areas, pavement or top surface of curbs.
- 3.2.3 On slopes steeper than 4H:1V, lay sod across the face of the slope and peg each row at intervals of not more than 600 mm (24 inches). Drive pegs flush with surface of sod.
- 3.2.4 Lay sod to a width of 3 m (10 feet) in swales and place perpendicular to direction of swale, unless otherwise noted on drawings.
- 3.2.5 Immediately after installation of sod, water area with sufficient amounts to saturate sod and underlying topsoil to a minimum depth of 150 mm (6 inches).
- 3.2.6 After sod and soil have dried sufficiently to prevent damage, roll area with 8gk (18-lb.) roller to ensure good bond between sod and soil and to remove minor irregularities. Clean up and remove off site all waste and extra sod at the end of each day or as directed.
- 3.2.7 Upon completion of all sodding work, arrange for inspection by the Project Manager. Give timely notice for such inspection.
- 3.2.8 Protect all newly sodded areas as required.

- 3.2.9 Repair all damages, wash-outs and eroded areas resulting from weather, improper protection or other causes.

4 MEASUREMENT AND PAYMENT

4.1 MEASUREMENT

- 4.1.1 Measurement for sodding and topsoil placement will be based on measured surface area at construction completion and paid as separate bid items.
- 4.1.2 Measurement will be completed by physical field measurement with a measuring wheel or by utilizing topographic survey and AutoCad modeling as determined by the Project Manager.

4.2 PAYMENT

- 4.2.1 Payment for topsoil placement will be made at the unit price per square meter (m²) and shall be compensation in full for loading from onsite stockpile, hauling, placing to a minimum one hundred millimetre (150 mm) depth, (or thickness specified) and all required labour, equipment and material to complete the work.
- 4.2.2 Payment for sodding will be made at the unit price per square meter (m²) and shall be compensation in full for harrowing/mulching the surface to be sodded, the supplying of water, sod, mulch fertilizer and dye, mixing, spraying the area, watering and fertilizing as required to ensure growth, protection of the area from damage and repair of any damage, coordination with private property owners as required, clean up, all required labour, equipment and material to complete the work, and any other incidental work for which payment is not specified elsewhere.

END OF SECTION