

**CONSTRUCTION SPECIFICATION FOR  
CLEARING AND GRUBBING OF RIGHT-OF-WAY**

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**TS 2.00.01            SCOPE**

This specification covers the requirements for the clearing, grubbing and tree removal, within the contract limits.

**TS 2.00.02            REFERENCES**

This specification refers to the following specification and publication:

**Ontario Provincial Standard Specification, General**  
OPSS 180 –            Management and Disposal of Excess Material

**TS 2.00.03            DEFINITIONS**

For the purposes of this specification the following definitions apply:

**Small Trees:** means any tree whose main trunk diameter is 150mm or less, measured at a height of 1.4m above the ground surface at the base of the tree. Clusters of trees shall have their trunks measured individually.

**Large Trees:** means any tree whose main trunk diameter is greater than 150mm, measured at a height of 1.4m above the ground surface at the base of the tree.

**TS 2.00.04            SUBMISSIONS AND DESIGN REQUIREMENTS – Not Used**

**TS 2.00.05            MATERIALS – Not Used**

**TS 2.00.06            EQUIPMENT – Not Used**

**TS 2.00.07            CONSTRUCTION**

**TS 2.00.07.01        General**

All work shall be carried out in a professional manner, with minimal disturbance to the surrounding area. Care shall be taken to protect all adjacent property and utilities from damage. All trees, shrubs, and other vegetation, not designated for removal shall be carefully protected at all times during construction.

All costs associated with repairing any damage caused during the course of construction and/or reinstating the surrounding area to its original state shall be borne by the Contractor.

Prior to any clearing, grubbing or removal work, the Contractor shall construct all sediment controls and temporary drainage facilities.

Open burning of any material is not permitted.

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All material which is surplus or unsuitable shall be managed as specified in OPSS 180.

**TS 2.00.07.02            Clearing and Grubbing**

Clearing and grubbing shall consist of the removal of all brush, stumps, roots, hedges, fences, wooden curbs, embedded logs, guard rails, posts, retaining walls, flagstone walks, fallen timber, fallen branches, small trees and other such items not covered by removal items in the contract, lying within the construction limits, and the disposal of all such material off the site, as shown on the contract drawings or as directed by the Commissioner.

The work shall also include the complete removal of all traffic signs and posts within the limits of construction and the return of all signs and posts to a site designated by the Commissioner.

All existing fences of which a portion has been removed shall be terminated in a manner acceptable to the Commissioner.

**TS 2.00.07.03            Large Tree Removal**

Only trees clearly marked by the Commissioner shall be removed.

Tree removal shall consist of the cutting down of large trees within the construction limits, grubbing the roots and disposal off the site as directed by the Commissioner.

Where trees cannot be felled without danger to traffic, property or to other vegetation, they shall be cut in sections from the top of the tree down.

All wood, roots, etc. shall be disposed of, off the site.

**TS 2.00.08                QUALITY ASSURANCE – Not Used**

**TS 2.00.09                MEASUREMENT FOR PAYMENT**

**TS 2.00.09.01            Clearing and Grubbing**

Measurement for the above item shall be by square metre (m<sup>2</sup>).

**TS 2.00.09.02            Large Tree Removal**

Measurement for the above item shall be for each tree removed. Trees shall be classified according to the diameter as determined by the average trunk diameter measured at 1m above the original ground surface. Trees having multiple trunks at 1m above the original ground surface shall have each trunk measured individually and each trunk treated for payment as a single tree.

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**TS 2.00.10                    BASIS OF PAYMENT**

**TS 2.00.10.01                Clearing and Grubbing - Item**

Payment at the contract price for the above item shall be full compensation for all labour, equipment, materials and incidentals to do the work. Payment shall include, but not be limited to, the removal and disposal of all existing undesired objects and vegetation, including small trees, that are not to be paid for under any other contract item.

**TS 2.00.10.02                Large Tree Removal - Item**

Payment at the contract price for the above item shall be full compensation for all labour, equipment, materials and incidentals to do the work. Payment shall include, but not be limited to, the cutting down, felling in sections, grubbing of root system, removal and disposal of all designated large trees within the construction limits.