

SECTION 200 EARTHWORK

SECTION 201—CLEARING AND GRUBBING

201.1 DESCRIPTION—This work is:

- Removal of the first 200 mm (8 inches) of topsoil and organic material.
- Removal of topsoil and organic matter such as trees, stumps, brush, roots, and other vegetation within the limits of grading, including ditches and channels. Remove trees individually selected for removal as specified in [Section 810](#).
- Removal of objectionable material, rubbish, and junk within the project limits.
- Removal of buildings and structures, fences, walls, guide rail posts, guide rails, signs, direction markers, and other obstructions interfering with the work.
- Disposal of removed material.
- Salvaging, temporarily storing, and delivering of material.
- Obtaining of waste areas for disposal of material as specified in [Section 105.14](#).
- Stockpiling of topsoil mixture as specified in [Section 801](#).
- Chipping and stockpiling wood waste material, if specified in the Special Provisions.

201.3 CONSTRUCTION—Clear and grub before the start of grading operations in an area. The Contractor may remove stumps within excavation areas during grading. Replace suitable material and topsoil that is required on the project and was wasted during clearing and grubbing operations, at no expense to the Department.

Do not damage trees or other vegetation beyond the grading limits. Install protective fencing as indicated, as specified in [Section 811](#), before clearing and grubbing operations.

Clear the ground of organic matter within excavation areas. Remove stumps and roots to a depth of at least 600 mm (2 feet) below subgrade or slope surfaces.

Remove organic matter and topsoil within embankment areas to a depth of 200 mm (8 inches) below the existing ground to 6 m (20 feet) beyond the pavement edges. Beyond 6 m (20 feet) of the pavement edges and within the embankment area, cut trees and stumps flush with the ground surface. Remove remaining topsoil over 200 mm (8 inches) in depth, when directed, as specified in [Section 203](#). Stockpile removed topsoil as specified in [Section 801](#).

Trees and shrubs along a highway previously opened to traffic belong to the property owner. Surrender all material from the removal of trees and shrubs to the owner of the abutting property. Dispose of the trees and shrubs if the owner refuses to accept the wood.

Trim tree branches that extend over the pavement and shoulders.

Transport wood chips to approved stockpile areas that will not interfere with construction operations, obstruct drainage, or cause water pollution.

Dispose of material in an approved waste area, unless otherwise specified in the Special Provisions, or burn, if permitted. Comply with the requirements of the Air Pollution Control Act (Act 245-1972, or as amended), the Solid Waste Management Act (Act 97-1980, or as amended), and the permits specified in [Section 107.27\(a\)](#), whichever are applicable. Do not burn within 12 m (40 feet) of remaining vegetation. Recondition the sites of fires as specified in [Section 105.14](#).

When an enclosure fence is partly or wholly within the right of way, notify the property owner 30 days in advance of clearing and grubbing operations to allow the owner to make necessary arrangements to restore the enclosure. Upon failure of the property owner to proceed with work required to enclose the property, carefully remove the fence within the right of way and neatly pile material on the owner's property adjacent to the right of way.

201.4 MEASUREMENT AND PAYMENT—Hectare (Acre) or Lump Sum

If no item of work is provided in the contract, this work is incidental to the other contract items.