

**Revision of Section 201
Clearing and Grubbing**

Notice

The Standard Special Provision (SSP) on the following page revises or modifies CDOT's *Standard Specifications for Road and Bridge Construction*. The Construction Engineering Services Branch has reviewed, approved, and issued it. Use as written without change. Do not use modified versions of it on CDOT construction projects. Do not use the following special provision on CDOT projects in a manner other than specified in the instructions without approval by CDOT's Standards and Specifications Unit. The instructions for use appear below.

Other agencies using the *Standard Specifications for Road and Bridge Construction* to administer construction projects may use this special provision appropriately and at their own risk.

Instructions for use on CDOT construction projects:

Use the following standard special provision on all projects.

Revision of Section 201 Clearing and Grubbing

Section 201 of the Standard Specifications is revised for this project as follows:

Revise subsection 201.01 by adding the definitions as shown:

Definitions:

Duff Layer. The organic surface layer on top of topsoil, composed of plant material, twigs, leaves, needles, and other decayed plant material (duff).

Delete subsection 201.02 and replace it with the following:

201.02 All areas of vegetation, including trees, shrubs, native grass areas, sensitive areas, and other objects to remain will be shown on the plans unless otherwise directed. Protect all trees and vegetation to remain by fencing in these areas as indicated on the plans. The Contractor shall repair or replace all damaged trees, vegetation, and objects designated to remain, as directed and at the Contractor's expense.

Clearing and grubbing shall extend to the limits of disturbance, unless otherwise designated.

Clearing. Within the Limits of Disturbance (LDA), all surface objects, trees, brush, stumps, roots, and other protruding obstructions not designated to remain shall be cleared. Refer to Section 208 for LDA.

- (a) In areas of cut slope rounding and at the tops of backslopes, cut stumps at or below the surface of the final slope line.
- (b) Branches of trees extending over the roadbed shall be trimmed to give a clear height of 20 feet above the roadbed surface. All trimming shall be performed using good tree surgery practices. Sawdust shall be removed after tree trimming services.
- (c) When included in the plans, the duff layer shall be removed and salvaged with the topsoil. Refer to Section 207.

Grubbing. Grub deep enough to remove stumps, roots, burred logs, sod, and other vegetation as follows:

- (a) Grub areas to be excavated, except for cut slope rounding areas, as shown on the plans.
- (b) Grub pits and ditches only to the depth necessary for the excavation.
- (c) Except in areas to be excavated, all holes resulting from the removal of obstructions shall be backfilled with suitable material and compacted per Section 203.

Revision of Section 201 Clearing and Grubbing

(d) The Contract may include grubbing without clearing, to retain the layer of duff with topsoil salvaging.

Disposal. Burning of perishable material will not be permitted without the written approval of the Project Engineer. If permitted, the Contractor shall burn perishable material under constant supervision and in a manner that will not endanger the surrounding vegetation, adjacent property, or objects designated to remain. Burning shall be done per applicable laws and ordinances.

No material or debris shall be disposed of within the project limits without the written permission of the Project Engineer. Material or debris that is disposed of within the project limits shall be buried to a depth of at least 2 feet, and the surface shall be reshaped to match the adjacent ground line. The Contractor shall acquire written permission from property owners for disposal locations outside the limits and in view of the project. Copies of this written agreement shall be furnished to the Project Engineer before the disposal area is used.

All cleared merchantable timber shall be removed from the project and shall become the property of the Contractor. Branches on trees or shrubs shall be removed as directed by the Project Engineer.

In Subsection 201.03, delete the first paragraph and replace it with the following:

201.03 Measurement will be by one of the following methods:

Area Basis. The work to be paid for will be the number of acres acceptably cleared and grubbed, including scalping, within the limits shown on the plans or staked by the Project Engineer.

Basis of Payment

In Subsection 201.04, delete the third paragraph and replace it with the following:

Lump Sum Basis. When the bid schedule contains a lump sum item, the lump sum price so bid price will be paid and shall be full compensation for clearing and grubbing the entire project.

In Subsection 201.04 delete the fourth paragraph and replace it with the

Revision of Section 201 Clearing and Grubbing

following:

Clearing and grubbing beyond the limits designated under this item will be paid for as Extra Work per Section 104.

In Subsection 201.04, add as the second to last paragraph as follows:

Duff removal and salvaging, when included in the Contract, will be paid as part of salvaging Topsoil (Onsite), per Section 207.