

## SECTION 601—SELECTIVE TREE REMOVAL, TRIMMING, AND CLEANUP

### 601.01—Description.

This work shall consist of selective cutting and disposing of trees, shrubs, and vegetation to improve sight distance, create open vistas, or improve the appearance and condition of trees. This shall be accomplished by removing and disposing of rubbish and fallen and undesirable trees and shrubs, selective pruning, and spraying stumps with an approved herbicide to prevent sprouting.

### 601.02—Materials.

**Herbicide** shall conform to the requirements of Section 244.02(a).

### 601.03—Procedures.

Trees and stumps shall be cut in such a manner that remaining stumps are not higher than 4 inches above the ground. Loose roots more than 1 inch in diameter and more than 1 foot in length shall be removed. Only those living trees and shrubs selected by the Engineer shall be removed. Trees to be removed shall be felled in a manner that will not damage the trees and shrubs to be preserved.

Debris shall be disposed of by burning or chipping or in accordance with the requirements of Section 106.04. Burning shall be performed in accordance with the requirements of Section 107.14. Fires shall be located and supervised so that they will not spread or damage vegetation. A mechanical chipper may be used, and the resulting chips spread thinly and uniformly within the immediate area or disposed of as directed by the Engineer.

- (a) **Treating Stumps:** Stumps of living trees and shrubs shall be coated with a herbicide solution within 48 hours after they are cut. The exposed surface of stumps and exposed live roots shall be saturated with herbicide to the point of runoff.
- (b) **Trimming:** Branches and limbs that affect sight distance or the open vista and dead or diseased branches and limbs more than 2 inches in diameter that will hinder the healthy normal growth of trees shall be removed as designated by the Engineer. Cuts shall be made flush at the collar of the supporting trunk or limb.

The Contractor's operations and equipment used to perform selective trimming shall not damage trees and shrubs that are to remain. Climbing spurs or spikes shall not be used. Damage to the bark, limbs, and roots of trees and shrubs that are to remain shall be repaired in a manner accept-

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able to the Engineer. Such repairs and the replacement, in kind, of those that cannot be satisfactorily repaired shall be at the Contractor's expense.

**601.04—Measurement and Payment.**

**Selective tree removal, trimming, and cleanup** will be measured in acres of surface area computed to the nearest 1/10 acre and will be paid for at the contract unit price per acre.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
Selective tree removal, trimming, and cleanup	Acre

**SECTION 602—TOPSOIL**

**602.01—Description.**

This work shall consist of applying topsoil in accordance with the requirements of these specifications and in reasonably close conformity to the depths and limits shown on the plans or as established by the Engineer.

**602.02—Materials.**

- (a) **Class A topsoil** shall conform to the requirements of Section 244.02(b)1.
- (b) **Class B topsoil** shall conform to the requirements of Section 244.02(b)2.

**602.03—Procedures.**

- (a) **Preparing Areas To Receive Topsoil:** Unless otherwise directed by the Engineer, areas designated to receive topsoil shall be graded, shaped, and then scarified or tilled by disking, harrowing, or other approved methods to a depth of approximately 2 inches. Topsoil shall be applied only when the subsoil is in a loose, friable condition.

Subsoil on slopes that have been horizontally grooved in accordance with the plans shall not be loosened.

- (b) **Applying Topsoil:** The loose depth of topsoil shall be sufficient to allow the area to conform to the elevations shown on the plans after topsoil settles.