

The stump hole shall be backfilled with approved topsoil to the height of the adjacent ground surface and seeded as specified in Section 705.

713.03.03 Herbicide Application. Where regrowth from stumps is not desired, the exposed bark and cut surfaces shall be thoroughly saturated with an approved herbicide solution to which marking dye has been added. This mixture shall be applied the same day the plant is cut.

The herbicide shall be mixed and used as directed by the Engineer and in conformance with the manufacturer's recommendations.

All herbicide applications shall be performed as specified in the Maryland Pesticide Applicator's Law and in conformance with the manufacturer's recommendations. Herbicide applications shall be performed under the supervision of a Certified Applicator of Pesticides (Category III A or VI).

713.03.04 Removal and Disposal. All trimmings, dead wood, windfalls, logs, stumps, and rubbish shall be removed and disposed of by the Contractor, as directed by the Engineer

713.03.05 Site Restoration. When selective thinning in an area has been completed, the area shall be thoroughly cleaned. Existing turf areas that have been injured by the work shall be regraded and seeded or sodded, and the entire area shall be neat and clean as directed by the Engineer.

713.04 MEASUREMENT AND PAYMENT. Selective Thinning will be measured and paid for at the Contract unit price per acre. The payment will be full compensation for all herbicide, wound dressing, stump removal, backfill, site restoration, and for all material, labor, equipment, tools, and incidentals necessary to complete the work. Outer measurements will be taken from the drip line of the forest canopy.

SECTION 714 — SELECTIVE TREE FELLING

714.01 DESCRIPTION. This work shall consist of felling trees as specified in the Contract Documents or as directed by the Engineer and in conformance with the Maryland Department of Natural Resources Roadside Tree Law.

714.02 MATERIALS. Not applicable.

714.03 CONSTRUCTION.

714.03.01 Equipment. Refer to 712.03.01.

714.03.02 Operation. A Roadside Tree Care Permit shall be obtained from Maryland Department of Natural Resources prior to any tree felling operations. All work shall be performed by personnel under the supervision of a Maryland Licensed Tree Expert. Tree felling operations are:

- (a) **Operation 1.** Operation 1 shall consist of felling and removal of trees in mowed areas. The stump shall be removed or ground to a minimum depth of 8 in. below the ground surface. The stump hole shall be backfilled level with the adjacent ground surface using approved topsoil and seeded and mulched as specified in Section 705. All wood debris shall be removed from the site and disposed of by the Contractor.
- (b) **Operation 2.** Operation 2 shall consist of felling and removal of trees in areas that are not mowed. The trees shall be felled and the stumps shall be cut to a maximum height of 4 in. above the ground surface. All wood and debris shall be removed from the site and disposed of by the Contractor.
- (c) **Operation 3.** Operation 3 shall consist of felling trees to prevent damage to adjacent trees and structures. The stumps shall be cut to a maximum height of 4 in. above the ground surface. All branches on felled trees extending 3 ft or more above the ground surface shall be cut off. Removal of the felled trees and the cut branches will not be required.

714.04 MEASUREMENT AND PAYMENT. Selective Tree Felling will not be measured but will be paid for at the Contract lump sum price. The Contractor shall submit a breakdown tabulation within 10 days after the Notice to Proceed. The Contractor's breakdown shall list each selective tree felling operation specified in the Contract Documents with a tabulation of the numbers and sizes of trees included in the lump sum price. The total of the individual units shall equal the lump sum price. In the event of a change in the number of trees included under this item, payment will be adjusted on the basis of the Contractor's breakdown of the lump sum price.

The size designation, under which each selective tree felling operation is performed will be determined in conformance with the Tree Size Designation Table specified in 712.04. The caliper of a tree shall be the diameter at breast height measured 4-1/2 feet above the ground.

The payment will be full compensation for all material, labor, equipment, tools, and incidentals necessary to complete the work.