

# Construction Specification 1 – Clearing

## 1. Scope

The work shall consist of the clearing and disposal of trees, snags, logs, brush, shrubs, stumps, and rubbish from the designated areas.

## 2. Classification

Unless otherwise specified in Section 8, clearing will be classified according to the following definitions:

Class A – Requires that trees and other woody vegetation be removed so that the remaining stumps extend no higher than 4 inches above the ground surface.

Class B – Requires that trees and other woody vegetation be removed so that the remaining stumps extend no higher than 12 inches above the ground surface.

Class C – Requires that trees and other woody vegetation be removed as near the ground surface as conventional tools or field conditions will permit or as specified in Section 8.

## 3. Protection of Existing Vegetation

Trees and other woody vegetation designated to remain undisturbed shall be protected from damage throughout the entire construction period. Any damage resulting from the contractor's operations or neglect shall be repaired by the contractor.

Earthfill, stockpiling of materials, vehicular parking, and excessive foot or vehicular traffic shall not be allowed within the dripline of vegetation designated to remain in place. Vegetation damaged by any of these or similar actions shall be replaced with viable vegetation of the same species or as specified in Section 8 and approved by the contracting officer.

Any cuts, skins, scrapes, or bruises to the bark of the vegetation shall be carefully trimmed and local nursery accepted procedures used to seal damaged bark.

Any limbs or branches 0.5-inch or larger in diameter that are broken, severed, or otherwise seriously damaged during construction shall be cut off at the base of the damaged limb or branch flush with the adjacent limb or tree trunk.

All roots one inch or larger in diameter that are cut, broken, or otherwise severed during construction operations shall have the end smoothly cut perpendicular to the root. Roots exposed during excavation or other operations shall be covered with moist earth and/or backfilled as soon as possible to prevent them from drying.

#### **4. Marking**

The limits of the areas to be cleared will be marked by stakes, flags, tree markings, or other suitable methods. Trees to be left standing and uninjured will be designated by special markings placed on the trunks at a height of about 6 feet above the ground surface.

#### **5. Clearing**

All trees not marked for preservation and all snags, logs, brush, shrubs, stumps, rubbish, and similar materials shall be cleared from within the limits of the marked areas.

#### **6. Disposal**

All materials cleared from the designated areas shall be disposed of at locations shown on the drawings or in a manner specified in Section 8. The contractor is responsible for complying with all local rules and regulations and the payment of any and all fees that may result from the disposal at locations away from the construction location.

#### **7. Measurement and Payment**

Method 1 – For items of work for which specific unit prices are established in the contract, the cleared area is measured to the nearest 0.1 acre. Payment for clearing is made for the total area within the designated limits at the contract unit price for the specified class of clearing. Such payment will constitute full compensation for all labor, equipment, tools, and all other items necessary and incidental to the completion of the work.

Method 2 – For items of work for which specific unit prices are established in the contract, the length of the cleared area is measured to the nearest full station (100 feet) along the line designated on the drawings or in the specifications. Payment for clearing is made for the total length within the designated limits at the contract unit price for the specified class of clearing. Such payment will constitute full compensation for all labor, equipment, tools, and all other items necessary and incidental to the completion of the work.

Method 3 – For items of work for which specific unit prices are established in the contract, the cleared areas is measured within the specified limits to the nearest 0.1 acre. The cleared areas are determined by measuring the width cleared, within the specified limits, at representative sections and multiplying the average width between sections by the linear distance between sections. Payment for clearing is made at the contract unit price for the item and shall constitute full compensation for all labor, equipment, tools, and all other items necessary and incidental to the completion of the work.

Method 4 – For items of work for which specific lump sum prices are established in the contract, payment for clearing is made at the contract lump sum prices. Such payment shall constitute full compensation for all labor, equipment, tools, and all other items necessary and incidental to the completion of the work.

All Methods – These provisions apply to all methods of measurement and payment. Compensation for any item of work described in the contract, but not listed in the bid schedule is included in the payment for the item of work to which it is made subsidiary. Such items and the items to which they are made subsidiary are identified in Section 8.

## **8. Items of Work and Construction Details**