

1. Description.

The work under this specification shall consist of the clearing, grubbing, and disposal of trees, snags, logs, brush, stumps, shrubs, and rubbish from the designated areas. In some instances, clearing and grubbing may include removal of concrete, wood or steel structures.

2. Protection of Existing Vegetation.

Tress, shrubs, sod and other vegetation designated to remain undisturbed shall be protected from damage throughout the construction period. The Contractor shall be responsible for the repair or replacement of vegetation damaged by the Contractor's operations.

- 2.1** Earth fill, stockpiling of materials or vehicle parking shall not be allowed within the area of the drip line of the protected vegetation. Vegetation damaged due to disturbances under the drip line shall be replaced by the Contractor. Replacement vegetation must be of the same species, size and condition unless a substitution is approved by the Contracting Officer.
- 2.2** Any superficial damage such as cuts, skins, scrapes or bruises to the bark of protected vegetation shall be carefully trimmed and treated using locally acceptable procedures.
- 2.3** Limbs or branches, one half ($\frac{1}{2}$ ") inches or greater, which are broken or otherwise severed during construction, shall be cut flush at the base of the limb/branch.
- 2.4** Roots, one inch (1") or greater, which are broken or otherwise severed during construction, shall have their ends cut smoothly and perpendicular to the root.
- 2.5** Roots exposed during excavation or other operations shall be covered with moist soil as soon as possible to prevent the roots from drying out.

3. Delineation of Protected Vegetation

The limits of the areas to be cleared and grubbed will be marked by flags, stakes, tree markings or other suitable method. Trees and other vegetation to removed will be designated by a different color flag, ribbon or stake.

4. Disposal

Materials removed during the clearing and grubbing operations will be disposed of as specified in **Section 6 Special Conditions**. The Contractor is responsible for complying with all applicable local, state or federal regulations when the contract specifies off site disposal of the materials.

5. Measurement and Method of Payment

Payment for this item shall be made on a lump sum price as established in the bid documents. Such payment shall constitute full compensation for all labor, equipment, tools, disposal and all other items incidental to the completion of the work.

Compensation for any item of work described in the contract, but not listed in the Bid Schedule, will be included in the payment for the item of work to which it is made subsidiary.

6. Special Conditions:

- 6.1** Any garbage, rubbish, trash or similar items found during construction, shall be set aside by the Contractor and disposed of in an approved solid waste facility. The GCSWCD has not identified any significant presence of such materials at the project location.

- 6.2** The Contractor shall remove all vegetation such as trees and brush as designated and marked by the GCSWCD prior to the start of construction. All materials will be disposed of off site, in an appropriate and legal manner unless otherwise approved by the GCSWCD.