

**City of Jonesboro  
Construction Specifications for  
Vegetative Clearing**

**100.01 Description.** This work shall consist of cutting and properly disposing of trees, stumps, hedge, brush, roots, logs, weeds, rubbish, sod refuse dumps, sawdust piles, lumbering slash, and other materials within the limits of the right-of-way or other designated areas.

This work shall also include selective clearing, preserving existing vegetation, and the preservation of objects designated to remain.

**100.02 General.** Areas shall be classified as vegetative clearing when the majority of the trees are less than 8" in diameter measured 12" above the ground.

**a) Vegetative Clearing** - the cutting and removal of all trees, brush, and other objectionable growth, and the removal and disposal of logs, rubbish piles, refuse dumps, sawdust piles, lumbering slash, and other objectionable matter from the surface of the ground in the areas designated by the Engineer.

**b) Selective Clearing** - the trimming of selected trees and shrubs, the removal from the ground and disposal of logs, root pods, brush, refuse dumps, and other undesirable debris, and the cutting, removal, and disposal of all undergrowth, stumps, and standing trees, except those trees and shrubs designated to be preserved.

**c) Preserved Vegetation** - areas containing trees and brush and designated as Preserved Vegetation shall not be disturbed except as described below. This operation normally applies to areas of natural growth occurring in the wide rights of way beyond the top of bank.

**d) Clearing Trees** - the cutting and removal of isolated trees and stumps greater than 8" diameter measured 12" above the ground as designated by the Engineer to be removed.

**100.03 Construction Requirements.** Work required under this section and other applicable NPDES requirements shall be conducted in conjunction with this work.

Those objects designated to remain shall be carefully protected from abuse, marring, or damage during construction operations. Trees shall be felled and removed in such a manner as to avoid injury to other trees or other objects designated to remain. In case of injury to bark, limbs, or roots of vegetation designated to remain, the Contractor shall repair such damage by corrective pruning or other appropriate methods. Trees or other debris falling outside the right-of-way shall be removed and disposed of according to these specifications.

Holes remaining after removal of trees, stumps, etc., shall be backfilled with material approved by the Engineer.

**100.04 Vegetative Clearing.** Sound stumps may be left when they are severed flush with or below the natural ground or the slope line in areas to be rounded at the top of the slopes.

Low hanging, unsound, or unsightly branches shall be removed from trees or shrubs designated to remain. Branches of trees extending over the channel shall be trimmed to give a clear height adequate to allow heavy equipment to pass underneath. Trimming shall be done by skilled workers and according to good tree surgery practices.

Merchantable timber in the clearing areas that has not been removed from the right-of-way before the date that the Contract is awarded shall become the property of the Contractor, unless otherwise provided.

When perishable material is burned, it shall be under the constant care of a competent watcher. Burning shall be accomplished at such times and in such manner that the surrounding vegetation, adjacent property, or anything designated to remain on the right-of-way will not be jeopardized. Upon notice from the Engineer that meteorological conditions render burning undesirable, the Contractor shall cease all burning until notified by the Engineer that meteorological conditions are suitable for a resumption of burning operations.

When specified, burning will not be permitted unless the material to be burned is placed in an incineration pit and an acceptable forced air combustion device is used that will minimize the emission of smoke, fly ash, and other pollutants. This device shall be constructed so that the forced air is directed over the fire by plenums or ducts. The use of open fans or mulch blowers will not be permitted. The Contractor shall comply with all Federal, State, County, and City laws, regulations, or ordinances applicable to the disposal of clearing and grubbing material. Materials and debris that cannot be burned shall be removed from the right-of-way and disposed of at locations off the project, outside the limits of view from any public road, street, park, or other public facility.

The Contractor shall make all necessary arrangements with the property owner for obtaining suitable disposal locations. The costs involved in obtaining disposal sites, hauling, cleanup and stabilization for erosion control will not be paid for separately, but full compensation therefore will be considered included in the contract unit prices bid for other items of the Contract. When requested by the Engineer, the Contractor shall furnish copies of all agreements with property owner.

**100.05 Selective Clearing.** This work shall be performed in such a manner as to leave the designated areas in a park-like condition and susceptible to economical mowing. Disposal of all material shall comply with the methods set out in the Clearing and Grubbing requirements.

Stumps, trees, and shrubs, except those designated to be preserved, shall be severed flush with or below the ground.

**100.06 Preserved Vegetation.** Trees, shrubs, brush, vines, and other natural perennial vegetation shall be protected in the areas designated as Preserved Vegetation.

**100.07 Method of Measurement.**

a) **General.** Quantities as shown in the Proposal shall be considered approximate. Actual quantities shall be determined as work is performed for the various items as described below.

b) **Vegetative Clearing and Selective Clearing.** Vegetative Clearing will be measured by the station as specified in the Proposal. Selective Clearing will be measured by the acre.

11. Acre - measurement will be to the nearest one hundredth of an acre and will be determined by the horizontal measurement of each tract. The boundary of each tract will be a line extending along the outside of the trunks of the outermost trees or stumps.

12. Station - measurement will be by the centerline station rounded upward to the next whole station and shall include all the area within the right-of-way including easements.

c) **Preserved Vegetation.** Preserved vegetation areas designated by the Engineer will not be measured for payment.

d) **Clearing Trees.** When specified, individual, isolated trees greater than 8" in diameter, measured 12" above the ground, will be measured by each tree.

**100.08 Basis of Payment.** Clearing and Grubbing for disposal sites and staging areas outside the right-of-way limits will not be paid for separately, but full compensation therefore will be considered included in the contract unit prices bid for the items being performed.

Work for vegetative clearing, selective clearing, and clearing trees and measured as specified above, shall be paid for at the contract unit price bid per unit as described below, which price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work, including the costs of repairing damaged trees that are designated to remain.

Payment will be made under:

Pay Item	Pay Unit
Vegetative Clearing	Acre or Station
Selective Clearing	Acre
Clearing Trees	Each