

TECHNICAL SPECIFICATIONS
FOR
CLEARING AND GRUBBING

1. Description

This work shall consist of clearing, grubbing, removal, and satisfactory disposal of all materials within the project limits, except those items designated to remain, or to be removed in accordance with other sections of these Specifications.

2. Construction Methods

- (a) The project area shall be cleared of all dead trees, stumps, brush, hedges, weeds, logs and other objectionable material and vegetation within 6" of the ground surface.
- (b) In areas where excavation is to be made and 5 feet beyond the excavation limits, all trees, stumps, roots, brush, hedge, heavy growth of vegetation, etc., shall be cleared and grubbed.
- (c) In areas where embankments are to be constructed, all trees, stumps, roots, brush, hedge, heavy growth of vegetation, etc., shall be cleared and grubbed to a point 5 feet beyond slope intercepts. All depressions made below the ground surface shall be refilled with suitable material and compacted before the embankment is started. Unsatisfactory material such as brush, hedge, roots, stump, branches and logs of trees, heavy vegetation, etc. shall not be embedded or buried within the embankment.
- (d) This work shall include the preservation from injury of all trees and other vegetation that are not within designated areas of clearing and grubbing, unless marked for removal by the Engineer.
- (e) Branches of trees extending over the roadway shall be trimmed symmetrically to provide a clear height of twenty feet above the finished roadway elevation.
- (f) All slopes of cuts, embankments, ditches, channels, waterways and all structures, both old and new, shall be cleared and cleaned of all brush, hedges, weeds, heavy vegetation, obstruction, rubbish and other objectionable material or growth; and shall be maintained in a neat, serviceable and satisfactory condition until the project is accepted.
- (g) Borrow pits and other material pits shall be cleared and grubbed of all trees, stumps, roots, brush, hedge, and other heavy growths of vegetation, and in addition shall be stripped of overburden laying above the material to be obtained. This work is to be completed before any excavation is made in the pit area.
- (h) All clearing and grubbing shall be completed a satisfactory distance ahead of the construction operations before construction stakes are set.

- (i) All materials and debris from the clearing and grubbing operation shall be burned, completely destroyed, or otherwise disposed of from the project limits by the Contractor in a satisfactory manner. The Contractor must obtain written permission from any property owner if private property is used for disposal, and furnish a copy to the Engineer. All Federal, State, County and City laws, regulations and ordinances related to burning or disposal shall be observed.

3. Method of Measurement

- (a) Clearing and Grubbing shall be of all areas indicated in the Contract Documents and paid for as a lump sum. No measurement of area will be made.
- (b) When changes in the Contract Documents affect the area to be cleared and grubbed, a proportionate adjustment for increased or decreased area will be made.

4. Basis of Payment

- (a) This item will be paid for at the Contract unit price per lump sum for Clearing and Grubbing. This price will be full compensation for completing the Clearing and Grubbing as outlined in the Plans and these Specifications including all labor, materials, and equipment necessary to complete the work.
- (b) When proportionate payments are made, they will be based on the completed percentage of the total clearing and grubbing specified.