

4.2 SITE CLEARING

4.2.01 General

- A. This section provides requirements for general site clearing operations, including removal of trees and vegetation, protection of existing trees to be left standing, and clearing and grubbing. The Contractor is responsible for performing all work necessary to meet these requirements.
- B. Site clearing operations shall comply with all applicable Federal, State and Local requirements and restrictions.
- C. Provide barricades, coverings, safety fence, or other types of protection necessary to prevent damage to existing facilities and appurtenances not indicated to be removed as well as improvements on adjoining properties.
- D. Restore all improvements damaged by this work to their original condition, subject to acceptance by the Owner and/or authorities having jurisdiction.
- E. Site clearing and grubbing shall be limited to those areas designated on the drawings as being within the limits of construction, easements, and right-of-way designated for the work. The contractor shall not clear or grub outside of the limits of construction without written permission of the property owner.
- F. Depressions caused by clearing and grubbing shall be filled and compacted with suitable material, as approved by the inspector, unless further earthwork is required.

4.2.02 Clearing

- A. Remove from the site and permanent easements: trees, brush, shrubs, down timber, rotten wood, rubbish, other vegetation as well as fences, and other incidental structures as needed to allow for new construction. Where fences are removed to perform work, provide relocated temporary fencing as needed.
- B. Undisturbed stumps and roots which will be a minimum of 5 feet below finished grade and which will not be located under, directly over, or within 10 feet of any structure or pipeline, may be left in place. The tops of stumps left in place shall not be more than 3 inches above original grade.

4.2.03 Existing Trees and Shrubs

- A. Trees and shrubs located within the Limits of Disturbance and which that are to remain in place will be indicated on Drawings and shall be conspicuously marked on site.
- B. Protect existing trees and other vegetation indicated to remain in place against cutting, breaking and skinning of roots, skinning and bruising of bark, smothering of trees by stockpiling construction materials or excavated materials within drip line, excess foot or vehicular traffic, or parking of vehicles within drip line. Temporary fences, barricades or guards shall be provided as required to protect trees and vegetation to be left standing.
- C. Felled trees may remain property of the landowner upon request and shall be removed or cut in lengths as mutually agreed to by the Contractor, the Inspector and the landowner. If the landowner does not want the trees, they shall become the property of the Contractor and shall be removed from the site and properly disposed of by the Contractor.

4.2.04 Grubbing

- A. Grub areas within and to a point 10 feet outside of all structures and pipelines, except as otherwise indicated on the plans.
- B. Within the work area, remove from the ground to a depth of 18 inches below existing grade, all stumps, roots, root mats, organic material and debris and properly dispose of all materials.
- C. Only hand grubbing methods are permitted inside the drip lines of trees which are to remain.

4.2.05 Disposal of Waste Materials

- A. Remove all waste material from site and dispose of it in a legal manner such as an approved landfill.
- B. Continually clean up debris resulting from site clearing operations as the work progresses.
- C. Remove debris from site in such a manner as to prevent spillage. Keep pavement and area adjacent to site clean and free from mud, dirt, and debris at all times in accordance with the requirements of the Erosion and Sediment Control Plan and the Virginia Department of Transportation, as applicable.
- D. Burning of materials on site is prohibited.

END OF SECTION 4.2