

SECTION 31 11 00**CLEARING AND GRUBBING****PART 1: GENERAL**

1.01 PROTECTION

- A. Protect existing trees, shrubs and bushes located outside the clearing limits from damage for the life of this Contract.

1.02 REQUIREMENTS OF REGULATORY AGENCIES

- A. Comply with State and local code requirements when disposing of trees, shrubs and all other materials removed under this Section. Coordinate all clearing work with utility companies as necessary.

1.03 DISPOSAL FEES

- A. Bear all expenses to obtain a suitable disposal area, haul to the disposal area, pay disposal fees, and dump at the disposal area. Coordinate with AW Project Manager for use of base landfill or compost area, where available.

PART 2: PRODUCTS

2.01 MATERIALS AND EQUIPMENT

- A. Provide all materials and equipment required to complete all clearing and grubbing in accordance with this Section.

PART 3: EXECUTION

3.01 CLEARING AND GRUBBING

- A. Clear and grub the minimum area required to provide space for construction operations.
- B. Clear and grub the work site within easement and/or clearing limit lines shown on the Drawings or as shown elsewhere in the Contract Documents. Remove those items that are designated for removal or obstruct construction. This includes, but is not limited to; trees, downed timber, shrubs, bushes, vines, roots, stumps, undergrowth, rubbish, paving materials, debris, and all other objectionable materials. Site objects outside clearing limits shall not be removed. Only those portions of the construction area which are absolutely necessary and essential for construction shall be cleared. Minimize the length of time of ground disturbance as much as practical, especially within environmentally sensitive areas. Ground shall not be cleared and grubbed until immediately prior to construction.

- C. Notify the AW Project Manager of locations where additional trees and shrubs will interfere with installation of facilities. Do not remove additional trees or shrubs without written permission of the AW Project Manager. Conduct operations to minimize disturbance of trees and shrubs. Trim trees and roots in accordance with the best horticultural practices, including sealing cuts to preserve the tree.

3.02 CLEARING (IMPROVED AREA)

- A. Remove site improvement objects such as signs, lawn ornaments, etc. which interfere with construction. Removed site improvement objects shall be stored in a manner to protect objects for reinstallation after construction is complete. Provide temporary traffic control signs when permanent signs are removed for construction. Temporary signs shall be worded to match permanent signs, except as necessary to be compatible with construction operations.
- B. Remove pavement, curb and sidewalk in accordance with applicable State Standards for Road and Bridge Construction and as specified in the Contract Documents. Saw cuts may be eliminated where paving abuts curb or roadway expansion joints or construction joints, and pavement can be removed without damaging or disturbing curbs or remaining pavement. Remove sidewalks in full squares only. Saw cut sidewalks if no true joint exists.

3.03 DISPOSAL

- A. Burning of logs, stumps, roots, and other material on the site will not be permitted.
- B. All materials obtained as a result of the clearing and grubbing operations shall be disposed of in accordance with the requirements of the applicable governing agencies at the expense of the Contractor.
- C. Chipping of brush materials is permitted. However, the Contractor shall bear all of the costs associated with chipping of brush material and disposal of the resultant chips at an approved location.

END OF SECTION 31 11 00