

SECTION 021100

CLEARING AND GRUBBING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. The Drawings and provisions of the General Conditions, Special Conditions, and the Sections included under Division 1, General Requirements, are included as part of this Section as though bound herein.

1.2 WORK INCLUDED

- A. The work of clearing shall consist of the cutting, removal, and satisfactory disposal of vegetation and debris as necessary for the installation of the switch, manholes and ductbank.
- B. The work of grubbing shall consist of the removal and satisfactory disposal of vegetation and surface debris as necessary for the installation of the switch, manholes and ductbank.
- C. The work of clearing and grubbing shall also include the removal and satisfactory disposal of crops, weeds, roots and other annual growth as necessary for the installation of the switch, manholes and ductbank.
- D. Clearing and grubbing operations shall be completed sufficiently in advance of ditching and trenching operations as may be necessary to prevent any of the debris from the clearing and grubbing operations from interfering with the excavation, temporary shoring or embankment operations.
- E. Prior to clearing Contractor shall install erosion control measures.

PART 2 - PRODUCTS

Not Used.

PART 3 - EXECUTION

3.1 CLEARING

- A. The work of clearing shall be confined within the minimum necessary working limits required for trenching operations, ditching, and as designated by the Owner's Representative. Adjoining property, trees outside of clearing areas, utility poles, survey points, underground and overhead utilities shall be suitably protected and preserved.
- B. Prior to clearing, the Contractor shall stakeout the centerline of the utility systems for approval by the Owner's Representative and Owner. All trees noted on the plans to be protected shall be protected and preserved. All areas approved for clearing shall be cleared and grubbed. The

Owner, Contractor and Owner's Representative shall agree on the final alignment of the utility systems and any trees which must be cleared. Storage of equipment, materials and vehicles under the drip line of the trees to be preserved shall be prohibited. Tree branches shall be temporarily tied back, where appropriate, to minimize damage. Trees which receive damage to branches shall be trimmed of those branches to improve the appearance of the tree. Tree trunks receiving damage from equipment shall be treated with a tree dressing.

3.2 GRUBBING

- A. The work of grubbing shall be performed on all areas cleared.

3.3 DISPOSITION OF TIMBER, STUMPS AND DEBRIS

- A. The Contractor shall not cut any timber beyond the clearing limits established by the Owner's Representative nor shall any timber be cut which is to be preserved for landscaping and/or erosion control purposes except at the direction of the Owner's Representative.
- B. All brush, roots, stumps, tree laps, timber not reserved by the owner, and other vegetation, shall become the property of the Contractor and be removed and disposed of off-site by the Contractor.

3.4 DISPOSITION OF DEBRIS OTHER THAN WOODY DEBRIS AND VEGETATION

- A. All debris other than woody debris and vegetation shall be removed and disposed of by the Contractor.

END OF SECTION 021100