

## SECTION 311100 – CLEARING AND GRUBBING

### PART 1 - GENERAL

#### 1.1 SECTION INCLUDES

- A. Removal of surface debris.
- B. Removal of trees, shrubs, and other plant life.
- C. Topsoil excavation.

#### 1.2 RELATED SECTIONS

- A. Specifications sections related to this section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, Division 1 and all other applicable sections in this manual.

#### 1.3 REGULATORY REQUIREMENTS

- A. Conform to all applicable and local codes for environmental requirements, disposal of debris, burning debris on site, use of herbicides, and other applicable items.
- B. Coordinate clearing work with utility companies.
- C. Work shall conform to the requirements of ODOT-CMS Item 201 Clearing and Grubbing.

### PART 2 - PRODUCTS

#### 2.1 MATERIALS

- A. Herbicide, if required shall conform to applicable and local codes per environmental requirements

### PART 3 - EXECUTION

#### 3.1 PREPARATION

- A. Verify that existing plant life designated to remain is tagged or identified.
- B. Identify a waste area and/or salvage area for placing removed materials.

#### 3.2 PROTECTION

- A. Locate, identify, and protect utilities that remain, from damage.

- B. Protect trees, plant growth, and features designated to remain, as final landscaping.
- C. Do not disturb any area that is not necessary for completion of this project. Disturbance shall be in accordance with projects Storm Water Pollution Prevention Plan.
- D. Protect benchmarks, survey control points, and existing structures from damage or displacement. Wetlands areas are not to be disturbed.

### 3.3 CLEARING

- A. Clear areas required for access to site and execution of Work.
- B. Remove trees and shrubs within marked areas or as indicated. Remove stumps, main root ball, root system for complete removal of surface rock and other as indicated on drawings.
- C. Clear undergrowth and deadwood, without disturbing subsoil.
- D. Apply herbicide to remaining stumps to inhibit growth.

### 3.4 REMOVAL

- A. Remove debris, rock, and extracted plant life from site.

### 3.5 TOPSOIL EXCAVATION

- A. Excavate topsoil from areas to be further excavated, re-landscaped, or re-graded, marked areas, entire site, without mixing with foreign materials.
- B. Do not excavate wet topsoil.
- C. Stockpile in area designated on site to depth not exceeding 8 feet and protect from erosion.
- D. Install perimeter silt fence around stockpile area to prevent erosion and sediment transport from occurring.
- E. Stockpiled topsoil shall be used for final grading around proposed improvements.

END OF SECTION 311100