

## SECTION 17

### SALVAGING, STOCKPILING, AND PLACING TOPSOIL

#### 17.1 DESCRIPTION

This work consists of excavating, hauling, stockpiling, depositing, and spreading topsoil on prepared areas.

#### 17.2 MATERIALS (Not specified)

#### 17.3 CONSTRUCTION REQUIREMENTS

- A. Salvage:** Topsoil shall be selected from the regular grading areas or from other areas designated by the Engineer.

Areas from which topsoil is to be excavated shall be cleared of objectionable vegetation and all litter such as brush, rock, and foreign material. Topsoil shall be excavated to a minimum depth of four (4) inches.

Salvaged topsoil may be stockpiled in convenient locations within the right-of-way or as approved by the Engineer. The separation of cut and fill piles is not required. Topsoil piles shall be located where the topsoil will not erode into any waterway due to a rain event.

When operations of the Contractor or the contract documents do not permit stockpiling of topsoil within the right-of-way or project limits, it shall be the Contractor's obligation to arrange for stockpile sites at the Contractor's own expense. Stockpile areas shall be stabilized and left in a neat condition.

- B. Preparation of Topsoil Areas:** Areas designated to be covered with topsoil shall be undercut or underfilled so the finished lines conform to the template lines on the cross sections after the topsoil placement. The areas receiving topsoil shall be shaped and smoothed prior to placing topsoil.

- C. Placing:** Topsoil shall be spread evenly and uniformly over the designated areas to the specified depth. If depth is not specified, topsoil shall be placed to a depth of four (4) inches. If topsoil is not available in sufficient quantities to cover the designated areas to the plan specified depth, the Contractor shall spread the available topsoil as required by the Engineer. Excess topsoil shall remain property of the owner.

#### 17.4 METHOD OF MEASUREMENT

- A. Salvaged Topsoil:** Measurement for removal of topsoil from its original position shall be to the nearest whole cubic yard. Plans quantity shall be used for

measurement unless otherwise noted in plans, or as directed by the Engineer. If field measurement is directed, the volume of topsoil will be determined by measuring the topsoil stockpiles by method determined by the Engineer.

- B. Placing Topsoil:** Placing topsoil shall be measured to the nearest full cubic yard and shall be the quantity of topsoil removed from stockpiles and placed on the designated areas. Plans quantity shall be used for measurement unless otherwise noted, or as directed by the Engineer. If required, measurement shall be made prior to removal of the material from stockpiles.
- C. Imported Topsoil:** Imported topsoil shall be measured to the nearest whole cubic yard of topsoil imported and placed.

## 17.5 BASIS OF PAYMENT

- A. Salvaged Topsoil:** Topsoil will be paid for at the contract unit price per cubic yard for excavation, unclassified. The payment will be full compensation for excavation (which includes necessary undercutting to provide space for topsoil placement) and stockpiling. Payment for salvaging topsoil will be plans quantity unless otherwise noted.

Separate payment will not be made for hauling topsoil under this item.

- B. Placing Topsoil:** The placement of stockpiled topsoil will be paid for at the contract price per cubic yard for placing topsoil. Payment for placing topsoil will be plans quantity unless otherwise noted.

This payment shall be full compensation for labor, equipment, tools and incidentals necessary for removing topsoil from stockpiles, hauling, depositing, spreading and finishing of topsoil.

- C. Import Topsoil:** Imported topsoil will be paid for at the contract price per cubic yard for imported topsoil.

This payment shall be full compensation for labor, equipment, tools and incidentals necessary for hauling, depositing, spreading and finishing of imported topsoil.

**END OF SECTION**