

SECTION 17

SALVAGING, STOCKPILING, AND PLACING TOPSOIL

17.1 DESCRIPTION

A. General:

This work consists of excavating, hauling, stockpiling, depositing and spreading topsoil and preparing the area.

B. Related Work Items:

Section 10 - Clearing and Grubbing
Section 12 - Roadway and Drainage Excavation
Section 14 - Embankment
Section 16 - Optioned Borrow Excavation
Section 70 - Seeding
Section 71 - Fertilizing
Section 72 - Mulching

17.2 MATERIALS (Not Specified)

17.3 CONSTRUCTION REQUIREMENTS

A. Salvage:

Topsoil shall be selected from the regular grading areas or from other areas shown on the plans or 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, or foreign material of objectionable size or quantity in accordance with Section 10, Clearing and Grubbing. Topsoil shall be excavated in sufficient volume, if available, to cover the designated areas to the required depths.

Salvaged topsoil may be stockpiled, when necessary, in convenient locations within the right-of-way for subsequent spreading and placing. When operations of the Contractor do not permit stockpiling of topsoil within the right-of-way, it shall be the Contractor's obligation to arrange for stockpile sites at his own expense, unless otherwise provided in the contract. The stockpiles shall be shaped and smoothed to permit accurate measurements.

Stockpile areas shall be left and maintained in a neat condition. Stockpiles shall be covered or seeded to prevent wind and/or water erosion. Stockpiles covering an area

one acre or more in size, which will remain in place after Project Completion, require an Air Quality Continuous Operation Permit.

B. Preparation of Roadway:

Areas designated to be covered with salvaged topsoil shall be undercut or under filled so that the finished lines will conform to the template lines on the cross sections after the topsoil has been placed.

The areas on which topsoil is to be placed shall be smoothed to a condition satisfactory for the placement of topsoil.

C. Placing:

The areas to be covered with topsoil shall be as designated on the plans. Topsoil shall be spread evenly and uniformly over the designated areas to the plan designated depth. 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 directed by the Engineer.

D. Dirt/Dust Control

All activities associated with this contract shall conform to Rapid City Municipal Ordinance Chapters 8.34 through 8.44 and/or Pennington County Ordinance No. 12. The Contractor shall make every reasonable effort to minimize fugitive dirt or dust from construction activities. The Engineer may require the Contractor to water or take other actions necessary to prevent blowing dirt and/or dust and other nuisance conditions.

17.4 METHOD OF MEASUREMENT

A. Salvaged Topsoil:

Measurement for removal of topsoil from its original position will be made by the nearest whole cubic yard of volume. Measurement will not be made unless such removal is designated on the plans or directed by the Engineer. The method of measurement for removal of topsoil from under embankments will be made by measuring the topsoil stockpiles.

B. Placing Topsoil:

The cubic yards of topsoil to be measured shall be the quantity of topsoil removed from stockpiles and placed on the designated areas. If necessary, measurements will be made just prior to removal of the material from such stockpiles.

17.5 BASIS OF PAYMENT

A. Salvaged Topsoil:

This work will be paid at the contract price per cubic yard for "Unclassified Excavation" to the nearest whole cubic yard. This payment will be full compensation for excavation and stockpiling of topsoil.

This payment will also be full compensation for placement operations in the event topsoil is not stockpiled prior to placement on the designated areas.

Payment will not be made for necessary undercutting to provide space for topsoil covering, except that payment will be made for such undercutting when stockpiled topsoil is to be placed under a subsequent contract. In this case, payment will be paid at the contract price per cubic yard for "Unclassified Excavation" to the nearest whole cubic yard.

Separate payment will not be made for haul 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" to the nearest whole cubic yard. 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.

Separate payment will not be made for haul under this item.

END OF SECTION