

ITEM 01613.02 M - STOCKPILING AND PLACING WETLAND TOPSOIL

DESCRIPTION:

This work shall consist of stockpiling and placing wetland topsoil in conformance with the lines, grades and thickness shown in the Contract Documents or as directed by the Engineer.

MATERIALS:

Wetland topsoil shall come from the existing impacted delineated wetlands shown on the plans or as determined by the Engineer in consultation with the Regional Landscape Architect.

Wetland topsoil shall comply with Subsection 713-01, Topsoil, of the Standard Specifications, except that the testing requirements for Ph, organic, and gradation shall be waived when used in conjunction with Section 610, Turf and Wildflower Establishment and 611, Planting, of the Standard Specifications for the wetland mitigation.

Wetland topsoil shall be the surface layer of soil and shall be stripped to the depths shown in the Contract Documents or as determined by the Engineer in consultation with the Regional Landscape Architect.

CONSTRUCTION DETAILS:

1. Site Layout and Work Plan. The Contractor shall stake out the limits of the work areas including access routes and shall submit a work plan to the Engineer describing the methodology and equipment that will be utilized to complete this work and the stripping of the wetland topsoil.

No work shall commence in the wetland until the Engineer has reviewed and provided the Contractor with written acceptance of the stake out and work plan.

2. Stripping of Wetland Topsoil. Wetland topsoils shall be stripped from the staked out areas and to the designated depths prior to starting the general excavation in an area. After stripping, wetland topsoil shall be immediately placed or stockpiled in a location as approved by the Engineer.
3. Preparation of Areas to Receive Wetland Topsoil. The subsoil within the areas to be covered by wetland topsoil shall be graded so that the completed work after the wetland topsoil is placed, shall conform to the specified lines and grades. Where specified or directed by the Engineer, the Contractor shall scarify or till the surface of the subsoil before the wetland topsoil is placed to permit bonding the wetland topsoil with the subsoil. Tillage by disking, harrowing, raking or other approved methods shall be accomplished in such a manner that depressions and ridges formed by tillage shall be parallel to the contours.
4. Placing and Spreading of Wetland Topsoil. Wetland topsoil in an unworkable condition due to excessive moisture, frost or other conditions shall not be placed until it is suitable for spreading. Wetland topsoil shall be placed on the designated area and spread to the specified thickness. After the wetland topsoil is spread all large stiff clods, rocks, roots and other foreign matter shall be cleared and disposed of by the Contractor as approved so that the finished surface will be acceptable for subsequent work such as seeding, mulching or planting.
5. Restoration. The sites of all stockpiles and areas adjacent thereto which have been disturbed by the Contractor shall be graded if required and put into a condition acceptable for seeding. Surplus wetland topsoil shall be used to flatten embankment slopes or placed in other locations approved by the Engineer.

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METHOD OF MEASUREMENT:

Wetland topsoil quantities shall be measured in cubic meters, computed from payment lines shown on the plans except where revised payment lines are established by the Engineer.

BASIS OF PAYMENT:

The unit price bid shall include the cost of furnishing all equipment, labor and materials necessary to complete the work as specified. The stripping (excavation) of the wetland topsoil shall be paid for under the appropriate excavation item as noted in the Contract Documents.

DISAPPROVED