

**ITEM 203.0190 02 - UNCLASSIFIED EXCAVATION AND EMBANKMENT IN WETLAND CREATION AREAS**

**DESCRIPTION**

This work shall consist of the excavation, stockpiling and placement of organic soils as indicated on the contract plans or as designated by the Engineer.

**MATERIALS**

Organic soils stripped within the contract limits. No material testing requirements shall apply.

**CONSTRUCTION DETAILS**

Section 203-3 of the General Specifications shall apply in addition to the following:

- a. The Contractor shall excavate, stockpile and place the soils identified in the plans or as directed by the Engineer. All work shall be performed in accordance with this specification, details, and/or any special notes.
- b. The Contractor shall complete the spreading of the stockpiled material in accordance with the specification within 45 calendar days from the time the striping operation began.
- c. The Contractor shall stockpile the organic soils within the wetland creation areas.
- d. Excess stockpiled material shall be disposed of, as directed by the Engineer, in accordance with the Standard Specifications Section 203-3.08 Disposal of Surplus Excavated Materials.
- e. Compaction requirements shall be waived for this item.
- f. All graded surfaces shall be within 75 mm of true grade whether a hummock, hollow, or island area.
- g. The Contractor will be required to place the material to the grades and limits shown in the contract plans, as directed by the Engineer. After spreading, all large stiff clods, rocks, roots and inorganic materials greater than 150 mm in size (along any dimension) shall be removed and disposed of by the Contractor, as approved by the Engineer.
- h. The Contractor shall not spread the stockpiled material in the wetland creation areas if the area has standing water in the areas that the stockpiled material is to be spread.
- i. The Contractor shall strip only the lawn and/or field areas identified within the plan sheets to be used as topsoil for the wetland creation areas.
- j. The Contractor shall place the stockpiled material to the indicated finish grade, including the hummocks, hollows, and/or islands, as specified in the plans, special notes/details, and/or as directed by the Engineer.
- k. The Contractor shall wash all earth-moving equipment to remove all soil, organic matter, and other material that may contain the seeds and other parts of undesirable plant species before it is allowed into the wetland creation area and before it leaves the wetland creation area. The

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requirement for equipment washing shall be restricted to work within the wetland creation areas as well as topsoil donor areas.

All earth-moving equipment shall be washed outside the wetland creation and/or topsoil donor areas using a high-pressure water hose and within the stabilized construction entrance, to catch any fluids from the equipment. Water pressure shall be sufficient to remove all soil, organic and other unsuitable material that may contain undesirable plant seeds and other plant parts. All earth-moving equipment shall be inspected by the Engineer prior to use in the wetland creation/topsoil donor areas, unless otherwise directed by the Engineer. The Engineer shall reject any earth-moving equipment that appears to contain soil and/or plant material of unknown or undesirable origin, until such equipment has been properly washed and re-inspected by the Engineer. It should be noted that if the contractor is to leave the earth-moving equipment within the wetland creation area throughout the duration of construction, then the earth-moving equipment will only be needed to be washed twice, once before the earth-moving equipment enters the wetland creation area and once before the earth-moving equipment leaves the wetland creation area after construction.

**METHOD OF MEASUREMENT**

Section 203-4 of the General Specifications shall apply in addition to the following:

- a. The limits for payment are identified in the contract plans for the wetland creation areas. The depths of excavation and pay limits shown in the contract plans may be altered by the Engineer.
- b. The quantity shall be in cubic meters as computed in its original position from the final payment limits established by the Engineer. No additional measurements or payments will be made for stockpiling or placement of materials in accordance with this specification.

**BASIS OF PAYMENT**

Section 203-5 of the General Specifications shall apply in addition to the following:

The unit price bid shall cover all costs of excavation, washing of earth-moving equipment, stockpiling, placement of stockpiled soils, construction of hollows, hummocks, and/or islands, de-watering, and suitable disposal of excess materials.