



SECTION 31 14 13

TOPSOIL AND WETLAND TOPSOIL STRIPPING AND STOCKPILING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. This WORK consists of salvaging and stockpiling topsoil and wetland topsoil and excavating suitable topsoil or wetland topsoil from stockpiles, CONTRACTOR sources, available sources, or from the approved natural ground cover to place on designated areas.

1.02 RELATED SECTIONS

- A. The following is a list of SPECIFICATIONS which may be related to this section:
 - 1. Section 01 57 19, Temporary Environmental Controls
 - 2. Section 31 11 00, Clearing and Grubbing.
 - 3. Section 31 23 00, Excavation and Fill.
 - 4. Section 31 25 00 Erosion and Sedimentation Control
 - 5. Section 32 91 13, Topsoil and Wetland Topsoil

PART 2 PRODUCTS

2.01 MATERIALS

- A. Topsoil shall meet the requirements of Section 32 19 13 Topsoil and Wetland Topsoil. Topsoil and Wetland Topsoil shall consist of natural onsite ground cover or hauled material from offsite sources.
- B. Erosion and Sedimentation Control for Stockpiles shall meet the requirements of Section 31 25 00, Erosion and Sedimentation Control.
- C. Wetland topsoil material shall consist of moist organic soil, including any existing wetland vegetation and seeds. Material shall be excavated from areas as shown on the DRAWINGS, hauled material from offsite sources, or as directed by ENGINEER. All wetland topsoil materials shall meet the requirements of Section 32 19 13, Topsoil and Wetland Topsoil.

PART 3 EXECUTION

3.01 TOPSOIL

- A. Topsoil within the limits of the PROJECT shall be salvaged prior to beginning excavating, fill or hauling, operations by excavating topsoil and stockpiling the material at designated locations on DRAWINGS or as designated by OWNER in a manner that will facilitate measurement, minimize sediment damage, and not obstruct natural drainage.



- B. Imported topsoil shall be hauled to the site and stockpiled in locations designated by OWNER.
- C. Salvaged topsoil exceeding the quantity required under the CONTRACT shall be disposed of at CONTRACTOR's expense.

3.02 STOCKPILE

- A. No soil stockpile shall exceed ten (10) feet in height.
- B. All topsoil stockpiles shall be protected from sediment transport by surface roughening, watering, and perimeter silt fencing.
- C. Any topsoil stockpile remaining longer than 30 days shall be seeded with a sterile temporary cover (such as REGREEN or approved equivalent) or the approved specified final seed mixture.
- D. Upon completion of PROJECT or as approved by OWNER or OWNERS REPRESENTATIVE, remove surplus subsoil and topsoil from site. Grade stockpile area as necessary for planting or seeding.

3.03 WETLAND TOPSOIL

- A. Wetland topsoil material shall be excavated from areas designated on the DRAWINGS or as approved by ENGINEER to a minimum depth of eighteen (18) inches, or as otherwise designated, and placed within twenty four (24) hours in the wetland relocation site.
- B. CONTRACTOR shall prepare the wetland relocation site to elevations specified in the DRAWINGS or as approved by ENGINEER prior to excavating the wetlands topsoil. If ENGINEER determines that this is not possible, then CONTRACTOR shall stockpile wetland topsoil material in an approved area, to remain undisturbed until the relocation site has been prepared.
- C. All wetland topsoil stockpiles shall be protected from sediment transport by surface roughening, watering, and perimeter silt fencing.
- D. Storage time within the stockpile shall be as short as possible.
- E. If deemed necessary by ENGINEER, the stockpile shall be protected in such a manner to preserve the wetland seed bank.
- F. Wetland topsoil material shall be placed over the prepared relocation areas to a depth of eighteen (18) inches, or as otherwise designated.

END OF SECTION