

**SECTION 32 91 19.13 TOPSOIL PLACEMENT AND GRADING - GENERAL**

**1.01 REQUIREMENTS:**

- A. Provide all labor, equipment, and materials necessary for final grading, topsoil placement, and miscellaneous site work not included under other Sections but required to complete the work as shown on the Drawings and specified herein.

**1.02 RELATED WORK SPECIFIED ELSEWHERE:**

- A. Section 01 57 13 – Temporary Erosion and Sediment Control.
- B. Section 31 30 00 – Earthwork Methods.
- C. Section 32 91 19 – Landscape Grading.

**PART 2 -- MATERIALS**

**2.01 TOPSOIL:**

- A. Topsoil shall meet the requirements of Section 31 30 00 – Earthwork Methods.

**PART 3 -- EXECUTION**

**3.01 FINAL GRADING:**

- A. Following approval of rough grading the subgrade shall be prepared as follows:
  - 1. For riprap, bare soil 24 inches below finish grade or as directed by Engineer.
  - 2. For topsoil, scarify 2 inches deep at 4 inches below finish grade.

**3.02 TOPSOIL PLACEMENT:**

- A. Topsoil shall be placed over all areas disturbed during construction under any contract except those areas which will be paved, graveled or rip rapped.
- B. Topsoil shall be spread in place for lawn and road shoulder seed areas at a 4-inch consolidated depth and at a sufficient quantity for plant beds and backfill for shrubs and trees.
- C. Topsoil shall not be placed in a frozen or muddy condition.
- D. Final surface shall be hand or mechanically raked to an even finished surface to finish grade as shown on Drawings.
- E. All stones and roots over 4 inches and rubbish and other deleterious materials shall be removed and disposed of.

**END OF SECTION 32 91 19.13**