

## **PART 1 - GENERAL**

### **1.1 Related Work**

- |    |                          |               |
|----|--------------------------|---------------|
| .1 | Environmental Protection | Section 01560 |
| .2 | Site Grading             | Section 02210 |
| .3 | Sodding                  | Section 02938 |

### **1.2 Protection of Existing Facilities**

- .1 Protect elements surrounding the work of this section from damage or disfiguration.
- .2 Protect all natural features remaining as final work.
- .3 Protect structures, fences, paths, paving and golf course features (as may exist).

### **1.3 Scheduling of Work**

- .1 In consultation with the Contract Administrator, schedule placing of topsoil to prevent delays to completion of work.

## **PART 2 - PRODUCTS**

### **2.1 Materials**

- .1 Off-site topsoil, consisting of 60% soil, 20% peat and 20% sand will be stockpiled during grading operations.

## **PART 3 - EXECUTION**

### **3.1 Preparation**

- .1 Fine grade subgrade, eliminating uneven areas and low spots. Removal of debris, roots, branches, stones in excess of 50 mm (2") diameter and building materials to be done by others. Remove subsoil that has been contaminated.
- .2 Cultivate entire area which is to receive topsoil to depth of 100 mm (4"). Repeat cultivation in those areas where equipment used for hauling and spreading has compacted soil.

### 3.2 Spreading of Topsoil

- .1 Do not spread topsoil until the Contract Administrator has inspected and approved subgrade.
- .2 Spread topsoil in a layer of uniform depth during dry weather over approved, dry, unfrozen subgrade, on all areas where earth moving has occurred.
- .3 Spreading of topsoil shall be to a minimum depth of 150 mm (6") on all excavated or filled areas unless advised by the Contract Administrator otherwise. Advise the Contract Administrator immediately of any shortfall in materials.
- .4 Remove stones, roots, grass, weeds, construction materials, debris and foreign non-organic objects from topsoil prior to adding topsoil amendments (if required).

### 3.3 Finish Grading

- .1 Fine grade entire topsoiled area to contours and elevations matching the subgrade contours. Eliminate rough spots, vehicle ruts, settlement over irrigation trenches as required, and low areas to ensure positive surface drainage.
- .2 Prepare loose friable bed by means of soil conditioning or light disking and subsequent harrowing. Roll lightly and rake wherever topsoil is too loose.
- .3 Roll or compact surface to provide a smooth, uniform and firm against deep foot printing, with a fine loose texture.

### 3.4 Surplus Material

- .1 Dispose of surplus topsoil not suitable for fine grading and landscaping in an onsite location designated by the Contract Administrator.