

# SUDAS Revision Submittal Form

Status Date: As of 5/7/2021 Topic: Topsoil requirement and placement  
Manual: Specifications Manual Location: Section 2010, 1.08, D and 3.02

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## Requested Revision:

### 1.08 MEASUREMENT AND PAYMENT

#### D. Topsoil:

##### 1. On-site Topsoil:

a. **Measurement:** Measurement will be in cubic yards of topsoil stripped, salvaged, and spread, and will be computed on the basis of a uniform 8 inch finished thickness, or as specified.

##### b. Payment:

- 1) Payment will be at the unit price per cubic yard.
- 2) Topsoil salvaged from excavated areas and paid as topsoil will not be included in excavation quantities for which payment is made.
- 3) Overhaul will not be paid.

c. **Includes:** Unit price includes but is not limited to, stripping and stockpiling topsoil; preparing the topsoil placement area by tillage or ripping; re-spreading the topsoil; additional tillage to address compaction during placement; and removal of clods, roots, stones, and other undesirable materials.

##### 2. Compost-amended Topsoil:

a. **Measurement:** Measurement will be the same as for on-site topsoil.

b. **Payment:** Payment will be the unit price per cubic yard. Overhaul will not be paid.

c. **Includes:** This work includes, Unit price includes but is not limited to, preparing the placement area by tillage or ripping and furnishing, transporting, placing, and incorporating compost.

##### 3. Off-site Topsoil:

a. **Measurement:** Measurement will be in cubic yards for furnishing, excavating, hauling, and incorporating the material and will be computed on the basis of a uniform 8 inch thickness, or as specified.

b. **Payment:** Payment will be at the unit price per cubic yard. Overhaul will not be paid.

c. **Includes:** Unit price includes, but is not limited to, preparing the placement area by tillage or ripping; furnishing, transporting, and spreading the off-site topsoil; completing tillage to address compaction during placement; and removal of clods, roots, stones, and other undesirable materials.

### 3.02 STRIPPING, SALVAGING, AND SPREADING TOPSOIL

Prior to placement of all types of topsoil, finish excavation and embankment work according to the specified grades and cross-sections considering topsoil requirements; grade and slope all surfaces to drain away from buildings and prevent ponding. Conform to the grading plan within  $\pm 2$  inches. Till or rip constructed surface to a minimum depth of 4 inches to reduce compaction prior to topsoil placement.

#### A. Stripping and Salvaging On-site Topsoil:

##### 1. Stripping and Salvaging:

- a. Mow all weeds, grass, and growing crops or other herbaceous vegetation close to the ground and remove from the site. Shred sod by shallow plowing or blading and thorough

disking. Thoroughly shred to allow the soil to be easily spread in a thin layer over areas to be covered. If allowed by the Engineer, herbicides may be applied, and vegetation may be incorporated into the topsoil.

- b. Remove an adequate amount of topsoil from the upper 12 inches of existing on-site topsoil to allow finish grading with a finished grade of 8 inches of salvaged ~~or amended~~ topsoil. The topsoil may be moved directly to an area where it is to be used, or may be stockpiled for future use.

**~~B. Preparation for Topsoil Placement~~**

- ~~1. Finish excavation and embankment work according to the specified grades and cross sections; grade and slope all surfaces to drain away from buildings and prevent ponding. Conform to the grading plan within ± 2 inches.~~
- ~~2. Loosen surface to a minimum depth of 4 inches to reduce compaction.~~

**~~C2. Topsoil Spreading and Finish Grading:~~**

- ~~1. Place the topsoil after all grading and trenching activities in the area have been completed.~~
- ~~2a. Place topsoil at least 8 inches deep; smooth and finished grade according to the contract documents. If topsoil is being amended with compost, thoroughly blend compost with on-site topsoil at the rate specified in Section 2010, 2.01.~~
- ~~3b. After finish grading the topsoil, till surface to a minimum depth of 4 inches. Remove clods, lumps, roots, litter, other undesirable material, or stones larger than 1 inch (1/2 inch for turfgrass).~~

**B. Compost Amended Topsoil:** Furnish and spread compost a uniform thickness blended according to Section 2010, 2.01. Incorporate compost into underlying soil. Grade the compost amended soil. Till area a minimum depth of 4 inches to loosen surface from compaction during placement. Remove clods and stones and other undesirable materials.

**C. Off-site Topsoil:** Transport and spread 8 inches of approved off-site topsoil, unless otherwise specified. Grade and till the area a minimum depth of 4 inches to loosen surface from compaction during placement. Remove clods, lumps, roots, litter, other undesirable material, or stones larger than 1 inch (1/2 inch for turfgrass).

**Reason for Revision:** Updated bid items and execution items for all three options to provide topsoil.

**Comments:** None.

<b>District:</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 4	<input checked="" type="checkbox"/> 5	<input checked="" type="checkbox"/> 6	<b>2/24/2021 Webinar</b>
<b>Comments:</b>	None.						
<b>District:</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 4	<input checked="" type="checkbox"/> 5	<input checked="" type="checkbox"/> 6	<b>April 2021 Webinars</b>
<b>Comments:</b>	None.						
<b>Action:</b>	<input type="checkbox"/> Deferred		<input type="checkbox"/> Not Approved		<input checked="" type="checkbox"/> Approved		

**Final District Action Summary:** All 6 districts approved.

**Board of Directors Action:** Approved.