

SECTION 022100
SELECT MATERIAL

1. DESCRIPTION

This specification shall govern the use of Select Material to be used to treat designated sections of roadways, embankments, trenches, etc. Select material shall be non-expansive sandy clay (CL) or clayey sand (SC), in accordance with the Unified Soil Classification System (ASTM D2487). Select Material shall meet the following requirements:

Free of vegetation, hard lumps, rock fragments, or other debris
No clay lumps greater than 2" diameter
Liquid Limit (L.L.): < 35
Plasticity Index (P.I.) Range: 8 to 20
Moisture Content: as specified in the drawings

2. CONSTRUCTION METHODS

Select material shall be mixed uniformly and placed in layers as indicated, not to exceed 10 inches loose depth (or 12 inches maximum for sanitary sewer trench backfill per City Standard Details for Sanitary Sewers). Unless otherwise specified, the material shall be compacted to a minimum of 95% Standard Proctor density. Each layer shall be complete before the succeeding layer is placed.

The finished surface of the select material shall conform to the grade and section shown on the drawings.

3. MEASUREMENT AND PAYMENT

Unless otherwise specified on the Bid Form, select material shall not be measured for pay, but shall be subsidiary to the appropriate bid item.