

## SECTION 751

### LOAM BORROW, PLANTABLE SOIL BORROW, PROCESSED PLANTING MATERIAL OR TOPSOIL REHANDLED AND SPREAD

#### DESCRIPTION

##### 751.20 General.

This work shall consist of furnishing and placing loam borrow, processed planting material or topsoil rehandled and spread on an approved area in accordance with these specifications and in close conformity with the lines and grades shown on the plans or established by the Engineer.

#### MATERIALS

##### 751.40 General.

Material shall meet the requirements specified in the following Subsections of Division III, Materials:

Loam Borrow	M1.05.0
Topsoil and Plantable Soil Borrow	M1.07.0
Processed Planting Material	M1.06.1

#### CONSTRUCTION METHODS

##### 751.60 Preparation of Areas on Which Loam, Plantable Soil Borrow, Topsoil or Processed Planting Material Are to be Placed.

The area upon which the above materials are to be placed shall be raked, harrowed or dragged to form a reasonably smooth surface. All stones larger than 50 millimeters, undesirable growth over 50 millimeters and debris shall be removed from the area and disposed of by the Contractor outside the location.

When directed by the Engineer, additional suitable material available from excavation or furnished under Item 15, Ordinary Borrow, shall be spread as required to repair gullies or depressions. The labor, equipment and materials necessary to place, compact and grade the additional material shall be paid for under the respective item from which the material is obtained.

##### 751.61 Placing Loam, Topsoil or Processed Planting Material.

The loam, processed planting materials or the topsoil obtained from stacked piles shall be hauled, deposited and spread to the directed depths on the areas shown on the plans or designated by the Engineer once these areas have been properly prepared. All grass and weed growth on the areas designated to be loamed shall be cut to a maximum height of 50 millimeters, raked, harrowed or dragged before the loam is placed thereon. After the loam, topsoil or processed planting material has been spread, it shall be carefully prepared by spading or harrowing, and raking with iron rakes. All large, stiff clods, lumps, stones over 75 millimeters, brush, roots, stumps, litter and other foreign material shall be removed from the loam, topsoil or processed planting materials area and disposed satisfactorily.

The compaction shall be equivalent to that produced by a hand roller weighing from 110 to 150 kilograms per meter of width. The compaction may be obtained by rolling, dragging or any method that produces satisfactory results. All depressions caused by settlement or rolling shall be filled with additional materials and the surfaces shall be re-graded and rolled until it presents a reasonably smooth and even finish and is up to the required grade.

During hauling operations, the roadway surfaces shall be kept clean and any loam or other dirt which may be brought upon the surface shall be removed promptly and thoroughly before it becomes compacted by traffic. If necessary, the wheels of all vehicles used for hauling shall be cleaned frequently and kept clean to avoid bringing any dirt upon the surface. The Contractor shall take all reasonable precautions to avoid injury to existing or planted growth.

**751.62 Topsoil Rehandled and Spread.**

Topsoil which is obtained on the site from piles of topsoil previously excavated and stacked in accordance with the relevant provisions of Section 120 and designated as topsoil to be rehandled and spread shall be used as required, and as directed by the Engineer, on areas to be seeded or planted.

The topsoil must be approved before it is spread and the Contractor will be required, without additional compensation, to take corrective action as directed, in order to make the topsoil suitable for its intended use.

The Contractor is required under the item of seeding to adjust the acidity by the addition of limestone as determined by testing as required under Subsection 765.61 and to apply the fertilizer as required under Subsection 765.62.

**751.63 Plantable Soil Borrow.**

Plantable soil borrow shall be used as specified in Subsection 751.61 except that it may be obtained outside the project limits.

**COMPENSATION**

**751.80 Method of Measurement.**

The quantity of Loam Borrow, Plantable Soil Borrow, Processed Planting Material or Topsoil Rehandled and Spread shall be determined by measurement in place after compaction to the depth specified on the plans or as directed, and to the volume so ascertained there shall be added 20% to compensate for such loss as may be due to settlement, shrinkage and penetration into the underlying material.

The volume of Topsoil Rehandled and Spread including added percentage for settlement shall not exceed the total volume of Item 125, Topsoil Excavated and Stacked, less any waste.

**751.81 Basis of Payment.**

Loam Borrow, Processed Planting Material and Topsoil Rehandled and Spread will be paid for at the contract unit price per cubic meter, complete in place, which prices shall also include the grading of areas where stockpiles of topsoil are removed.

**751.82 Payment Items.**

751.	Loam Borrow	Cubic Meter
751.2	Plantable Soil Borrow	Cubic Meter
752.	Topsoil Rehandled and Spread	Cubic Meter
759.	Processed Planting Material	Cubic Meter

**SECTION 760**

**IMPERVIOUS SOIL BORROW**

**DESCRIPTION**

**760.20 General.**

This work shall consist of furnishing and placing impervious soil borrow in accordance with these specifications and in close conformity with the lines and grades shown on the plans or established by the Engineer.