## SP-03, SELECT MATERIAL

Version Date: 3/21/2016

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# Description

Work covered in this special provision consists of furnishing, placing, and compacting select material as shown on the plans or as directed.

Select material shall be placed in pipe culvert excavations within the existing or proposed roadway, including beneath the proposed curb and gutter, or as directed. The Engineer will determine the amount and location of select material to be used on the project. The Contractor shall not remove material from the project without approval from the Engineer.

# Materials

Select material shall meet the requirements of NCDOT Standard Specifications for Roads and Structures, Select Material, Class III, Type 2 (Section 1016-3), or other approved classes or materials as directed.

With written approval and without additional compensation, a higher class of material may be substituted than stated in the Contract Documents.

# Measurement and Payment

There will be no separate measurement or payment for select bedding and select backfill material required in the installation of pipe as illustrated in NCDOT 300.01. All bedding and select backfill material required in the installation of the pipe as illustrated in NCDOT 300.01 will be included in cost of the installed pipe.

When local material meeting the requirements for suitable materials as defined in the *Earthwork, Excavation, Unsuitable Materials, and Backfill Materials* Special Provision is approved for use by the Engineer, there will be no separate measurement or payment for the local suitable material incorporated into the completed and accepted Project. The cost to furnish, haul, place and compact local suitable material that meets the requirements will be included in the lump sum price bid for SP-01 *Comprehensive Grading* (a special provision and pay item in this contract).

When other than local material meeting the requirement for select material is used, the quantity of select material for backfill shall be measured by weighing material in trucks in accordance with section 106-7 Scales and Public Weighmaster, as determined by the Engineer. At the Engineer’s discretion, truck measurement in accordance with Article 230-5 (B) may be used instead of weighing material in trucks. A unit weight of 135 lb/cf will be used to convert the weight of select material to tons.

The contract unit prices for *Select Material* as described above will be full compensation for furnishing, transporting, handling, placing, compacting, and maintaining select material. Unless otherwise directed by the Engineer, there will be no separate payment for select material above the select bedding and backfill materials included in the cost of the installed pipe culvert, which exceeds the following extents:

Storm Drainage

* Pipe
	+ Horizontally – the outer diameter of the pipe plus three feet;
	+ Vertically – from the top of the select backfill material to the ground line, as illustrated in NCDOT 300.01
* Box Culverts/Bends/Bottomless Culverts
	+ Horizontally – outer width of culvert or footer plus six feet (three feet each side);
	+ Vertically – from the top of the bedding material or bottom of the structure to the ground line, as illustrated in Figure 2.1 of the *Precast Reinforced Concrete Culvert* Special Provision;

Structures

(Includes but not limited to: headwalls, drainage structures (catch basins, drop inlets, risers, etc.), flared end sections, retaining walls, etc.)

* Vertically – to the ground line elevation as shown on the plans or details;
* Horizontally – two (2) feet from each exterior surface (outer wall of the structure or footer whichever is further)

Material used for the Contractor’s means and methods outside of these trench limits shall meet the material requirement and will be at the Contractor’s expense.

Do not use *Select Material* until all local material meeting the requirements of suitable material as defined in the *Earthwork, Excavation, Unsuitable Materials, and Backfill Materials* Special Provision has been incorporated into the Project. If the Contractor brings select material onto the Project for its own convenience, that material will not be measured or paid for as *Select Material*.

Payment will be made under:

SELECT MATERIAL................................................................................................................................................TN