#### SP-04, Borrow Excavation

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1. Description

The work covered in this special provision includes all elements of work covered in section 230 "Borrow Excavation" of the Standard Specifications with the following exception pertaining to payment.

1. Measurement

Measurement shall be made in accordance with the Standard Specifications, Section 230-5(A) In-Place Measurement or Section 230-5(B) Truck Measurement as directed by the Engineer.

1. Payment

The quantity of Borrow Excavation, measured as provided above, will be paid for at the contract unit price per cubic yard for *Borrow Excavation*. When Borrow Excavation is used to replace soil that has been determined to be unsuitable by the Engineering Department due to moisture, poor soil composition, or other factors, the contract unit price for Borrow Excavation shall include all excavation, removal from site, and proper disposal of unsuitable soil.

The contract unit price for *Borrow Excavation* as described above will be full compensation for furnishing, transporting, handling, placing, compacting, and maintaining borrow material. Unless otherwise directed by the Engineer, there will be no separate payment for borrow material above the select bedding and backfill materials included in the cost of the installed pipe, 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.

Payment will be made under:

**BORROW EXCAVATION CY**