

**WEST VIRGINIA DEPARTMENT OF TRANSPORTATION**

**DIVISION OF HIGHWAYS**

**SPECIAL PROVISION**

**FOR**

**STATE PROJECT NUMBER:** \_\_\_\_\_  
**FEDERAL PROJECT NUMBER:** \_\_\_\_\_

**FOR**

**SECTION 207**  
**EXCAVATION AND EMBANKMENT**  
**LUMP SUM EXCAVATION**

**207.15 - METHOD OF MEASUREMENT:**

DELETE THE FIRST PARAGRAPH OF 207.15 AND REPLACE WITH THE FOLLOWING FOUR PARAGRAPHS:

The quantity of work done will be on a Lump Sum basis for item 207009-\*. "Unclassified Excavation" shall include all work and all material necessary to establish plan grades and slopes. This earthwork shall consist of all unclassified excavation, embankment construction, rock borrow excavation, unclassified borrow excavation, transition benches, fill benches (excavating and placing embankment) and all rock fills as required.

For projects with a Construction Schedule, the Contractor shall designate an activity for Item 207009-\* in the Construction Schedule based on the total earthwork quantities estimated in the Plans. Current estimate payments will be determined by percent complete for that designated activity on the Construction Schedule as submitted and reviewed by the Engineer. For projects without a Construction Schedule, and interim payments between Construction Schedule submissions, shall be based on load counts based on 80% of the volume of the truck or other means as reviewed and accepted by the Engineer. The final payment will be the remaining percent required to pay the item up to 100% or as outlined in section 207.15.1.

The template will be to plan lines for material excavated, and placed in accordance with the construction tolerance set forth in 207.3.1, 207.8 and / or 207.9 except as provided.

The Contractor will be required to continue or resume excavation until the plan template line is reached within tolerance rather than receive payment for a lesser (out-of-tolerance) excavated quantity. A final adjustment for any out-of-tolerance excavation will be made based on the final cross-sections submitted by the Contractor and approved by the Department.

Prior to final payment, final as-built cross sections in accordance to section 207.15.2 shall be submitted by the Contractor to the Engineer for review, any out-of-tolerance sections or any sections that do not conform to the plan finished grade lines will be signed and sealed by the Contractor or his/her authorized agent whom shall be a Professional Engineer licensed to practice in the state of West Virginia.

**207.15.1 – Pay Tolerances For Lump Sum Excavation:**

	<b>0 CYDs</b>	<b>≤</b>	<b>24,999CYDs</b>	<b>± 20 %</b>
>	<b>25,000 CYDs</b>	<b>≤</b>	<b>99,999 CYDs</b>	<b>± 15 %</b>
>	<b>100,000 CYDs</b>	<b>≤</b>	<b>499,999 CYDs</b>	<b>± 10 %</b>
>	<b>500,000 CYDs</b>	<b>≤</b>	<b>999,999 CYDs</b>	<b>± 5 %</b>
>	<b>1,000,000 CYDs</b>			<b>± 3 %</b>

The volumes listed above represent the total earthwork quantities estimated in the plans.

Any out of tolerance quantities will be adjusted for according to Section 109.3

**207.15.2 – As-Built Cross Section Submittals:** Final As-Built cross sections shall be hard copy pages 22” X 34” including borders of 1” on the left and ½” for the other three, and shall be in accordance with DD 701 Subsection 28.

These Final As-Built Cross Sections, in addition to the above requirements shall contain the following information:

- a. Existing preconstruction ground line
- b. Proposed post construction ground line
- c. Actual post construction ground line
- d. Separation between unclassified material and select material
- e. Undercuts
- f. Roadway templates
- g. R/W Limits
- h. Borings if performed
- i. Drainage items ~ ditches w/ invert elevations shown, inlets w/ invert elevations shown, storm sewer and culverts.

A copy of all electronic data will also be submitted to the Division in accordance with section 639.3.3.

**207.16 - BASIS OF PAYMENT:**

REVISE THE SECOND PARAGRAPH TO INCLUDE:

The cost of unclassified excavation, borrow excavation, including the hauling of all material, any reserving and re-handling of unclassified excavation material, embankment construction (dirt and rock) including compaction, furnishing and applying water as an aid to embankment compaction shall be included in the Lump Sum price bid for “Unclassified Excavation”. The Costs of fertilizing, seeding, and mulching shall be in accordance with applicable sections 642, 643, and/or 652

The furnishing of additional waste sites, borrow sites, and any necessary grading, fertilizing, and seeding and mulching of such waste sites and borrow sites shall be in accordance with Section 207 and 211.

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