

SECTION 305

SUBGRADE AND SHOULDERS

I. GENERAL

1.1 DESCRIPTION OF WORK

The Contractor shall furnish all labor, supervision, material (except as herein provided), tools, equipment, supplies, and services; and, shall perform all Work necessary for the construction of subgrade and shoulders within the specified tolerances contained within the Contract Documents.

1.2 MATERIALS

Materials shall be furnished by the Contractor in accordance with Section 200.

1.3 SUBMITTALS

Submittals shall be made by the Contractor in accordance with the procedures set forth in Section 105, and as described below:

The Acceptance Procedures for Aggregates shall be in accordance with *VDOT Road and Bridge Specifications Section 200.04*.

II. EXECUTION

2.1 The Contractor shall execute the Work in accordance with the latest edition of the VDOT Road and Bridge Specifications, Section 305.03, Procedures. Any references to “Engineer” or VDOT personnel shall mean the “Owner”.

2.2 Gravel Driveway Replacement

- A. Gravel driveways will be replaced to a compacted thickness equal to the existing depth or to a compacted thickness of 6-inches, whichever is greater.
- B. Gravel driveways will be replaced with VDOT #25 or #26 crusher run stone aggregate or matching stone material.

III. MEASUREMENT FOR PAYMENT

- A. When material in place is used for the subgrade and shoulders, no measurement will be made. Treated material in place will be measured in accordance with the method of measurement for the specified stabilizing material. When imported material is specified, it will be measured as follows:
 - 1. Select material, Type I and min. CBR will be measured in tons.
 - 2. Select material, Types II and III, will be measured in cubic yards.
 - 3. Payment will be made at the unit price bid per cubic yard or ton as indicated on the Bid form.

4. When the ton unit is specified, the quantity shall be determined in accordance with the requirements of *VDOT Road and Bridge Specifications Section 109.01*.
- B. Moisture in excess of optimum, + 2 percentages points, will be deducted from the net weight of both truck and rail shipments.
- C. Allowances will not be made for unauthorized depths beyond those shown in the Contract Documents and the allowable tolerances. When tonnage measurements are used, deduction for material exceeding the allowable tolerance will be based on 110 pounds per square yard per inch of depth.
- D. When material in place is used for subgrade and shoulders, no separate payment will be made. The cost thereof shall be included in the price for other applicable pay items.
- E. When imported materials are used, the subgrade and shoulders will be paid for at the contract unit price per cubic yard or per ton as specified. Treated material in place will be paid for in accordance with the requirements of the applicable specification.
- F. Stabilized or paved shoulders shown as a pay item will be measured and paid for in accordance with the requirements of *VDOT Road and Bridge Specifications Sections 313 and 315* and *VDOT Road and Bridge Specifications Sections 306 and 307*, as applicable.
- G. Geotextile for subgrade stabilization will be measured in square yards, complete-in-place. Overlaps and seams will not be measured for separate payment. The accepted quantity of geotextile will be paid for at the contract unit price per square yard. This price shall include furnishing, placing, lapping, or seaming material.
- H. Measurement and payment will be made for each gravel driveway replaced.

End of Section