

## **ITEM 02304.0502 M - SHOULDER BACKUP MATERIAL (STONE)**

### **DESCRIPTION:**

This work shall consist of furnishing, placing, grading, and compacting suitable material adjacent to newly placed shoulders to eliminate the drop-off to original ground. This material shall be placed at the locations and according to the details shown on the contract plans.

### **MATERIALS:**

Shoulder backup material shall meet the requirements of Section 304, with respect to Subbase Course, Type 2 of the Standard Specifications with the following modifications:

1. The stockpiling requirements specified in Section 304-2.03 will be waived.
2. The material furnished shall be from an approved source. The Regional Soils Engineer will visually inspect each proposed source of material for compliance with specification requirements and submit an evaluation of the material in writing including and limiting conditions to the Engineer-in-Charge. The gradation shall be accepted or rejected by the Engineer-in-Charge.

### **CONSTRUCTION DETAILS:**

The Contractor shall place shoulder backup material as shown on the typical sections and details in the contract documents. This material shall be graded and compacted to the satisfaction of the Engineer.

### **METHOD OF MEASUREMENT:**

The unit of measurement for this item will be the cubic meters, loose measure, properly placed, graded and compacted along the edge of shoulder in accordance with the details shown on the plans or where directed by the Engineer. The quantity paid for will be determined by measuring the dump truck bodies and by multiplying the cubic meters computed for the truck by the number of loads delivered and placed within the lines shown on the plans or approved by the Engineer. The Contractor shall select the trucks to be used for delivery of the material with the approval of the Engineer. Once the trucks are selected and approved by the Engineer, no other trucks shall be used for delivery of this material. The trucks shall be uniformly loaded to the satisfaction of the Engineer. In the event that weigh scales are available, the Contractor may submit weigh tickets. The weight shall be converted to volume measure using a conversion factor supplied by the Regional Soils Engineer.

### **BASIS OF PAYMENT:**

The unit price bid for this item shall cover all costs of furnishing, placing, grading, and compacting shoulder backup material.