

## SECTION 310 -- ROCK OR GRAVEL SURFACING

### 310.01 -- Description

This work shall consist of furnishing, delivering, and spreading aggregate for surfacing on an approved roadbed surface in accordance with these *Specifications*.

### 310.02 -- Material Requirements

1. Crushed rock and gravel shall conform to the requirements of Subsection 1033.02, Paragraphs 1., 2., and 8.
2. Gravel shall conform to the requirements in Table 1033.07.
3. Crushed rock shall conform to the requirements in Table 1033.08.

### 310.03 -- Construction Methods

1. The Contractor shall deliver rock and/or gravel to the site specified in the plans or as directed by the Engineer.
2. The Contractor shall spread rock and/or gravel as shown in the plans or as directed by the Engineer.

### 310.04 -- Method of Measurement

1.
  - a. Rock and gravel surfacing material will be measured by mass or volume.
  - b. The volume, in cubic meter measurements will be taken by load count or truck volume measurements at the point where the material is incorporated in the roadway. Unmeasured loads that are to be counted must be filled to a predetermined volume mark on the truck bed.
  - c. The mass, in megagrams, shall be determined on approved scales.
2. Gravel surfacing material is grouped into lots of 1000 m<sup>3</sup> or 1600 Mg.

### 310.05 -- Basis of Payment

- | 1. | <u>Pay Item</u>             | <u>Pay Unit</u>               |
|----|-----------------------------|-------------------------------|
|    | Gravel Surface Course       | Cubic Meter (m <sup>3</sup> ) |
|    | Gravel Surface Course       | Megagram (Mg)                 |
|    | Crushed Rock Surface Course | Cubic Meter (m <sup>3</sup> ) |
|    | Crushed Rock Surface Course | Megagram (Mg)                 |
2.
    - a. The Engineer shall take 5 random samples from each lot of gravel.

- b. The percentage passing the 2.00 mm sieve for the 5 samples shall be averaged.
- c. Payment deductions shall be computed using Table 310.01 and the averaged value of the percent passing the 2.00 mm sieve.
- d. If the material is less than a full lot but more than 400 m<sup>3</sup> or 640 Mg, then one sample for every 200 m<sup>3</sup> or 370 Mg shall be taken and averaged.
- e. If the material is less than 400 m<sup>3</sup> or 640 Mg, then 2 samples will be taken and averaged.

**Table 310.01**

<b>Gravel Surfacing Deductions</b>		
<b>Total Average Percent Passing the No. 2.00 mm Sieve</b>		
<b><u>Min.</u></b>	<b><u>Max.</u></b>	<b><u>Percent Deduction</u></b>
0	30	0
31	35	10
36	40	25
41	45	50
46	100	Reject

- 3. Payment is full compensation for all work prescribed in this Section.