

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 weight or volume.
 - b. The volume, in cubic yard 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 weight, in tons, shall be determined on approved scales.
2. Gravel surfacing material is grouped into lots of 1,300 cubic yards or 1,750 tons.

310.05 -- Basis of Payment

- | 1. <u>Pay Item</u> | <u>Pay Unit</u> |
|-----------------------------|-----------------|
| Gravel Surface Course | Cubic Yard (CY) |
| Gravel Surface Course | Ton (Tn) |
| Crushed Rock Surface Course | Cubic Yard (CY) |
| Crushed Rock Surface Course | Ton (Tn) |
2. a. The Engineer shall take 5 random samples from each lot of gravel.

- b. The percentage passing the No. 10 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 No. 10 sieve.
- d. If the material is less than a full lot but more than 525 cubic yards or 700 tons, then one sample for every 260 cubic yards or 400 tons shall be taken and averaged.
- e. If the material is less than 525 cubic yards or 700 tons, then 2 samples will be taken and averaged.

Table 310.01

| Gravel Surfacing Deductions | | | |
|---|--|-------------|--------------------------|
| Total Average Percent Passing the No. 10 Sieve | | | |
| Min. | | Max. | Percent Deduction |
| 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.