

## SECTION 310 OPEN GRADED BASE

### 310.1 Description

- (1) This section describes constructing open graded base, for overlaying with new pavement, using one or more of the following aggregates:
  1. Crushed stone.
  2. Crushed gravel.
  3. Crushed concrete.

### 310.2 Materials

- (1) Furnish crushed stone, crushed gravel, or crushed concrete conforming to 301.2, except for gradation conform to the following:

SIEVE SIZE	PERCENT PASSING (by weight)
1 inch (25.0 mm)	90 - 100
3/8 inch (9.5 mm)	45 - 65
No. 4 (4.75 mm)	15 - 45
No. 10 (2.00 mm)	0 - 20
No. 40 (425 µm)	0 - 10
No. 200 (75 µm)	0 - 5.0

### 310.3 Construction

- (1) Construct open graded base conforming to 301.3.
- (2) Use standard compaction conforming to 301.3.4.2, unless the special provisions specify other methods.
- (3) Compact in layers using the equipment specified in 301.3.1. If using a pneumatic roller, do not exceed a compacted thickness of 6 inches (150 mm) per layer. If using a vibratory roller, do not exceed a compacted thickness of 8 inches (200 mm) per layer.
- (4) Load and carry forward, or otherwise remove, excess material produced during trimming operations to prevent contamination of the dense graded material in the shoulder area.

### 310.4 Measurement

- (1) The department will determine weight or volume, adjust for moisture, and convert between weight and volume as specified in 301.4.
- (2) The department will measure Base Aggregate Open Graded by the ton or cubic yard acceptably completed.

### 310.5 Payment

- (1) The department will pay for measured quantities at the contract unit price under the following bid items:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
310.0110	Base Aggregate Open Graded	TON
310.0115	Base Aggregate Open Graded	CY

- (2) Payment for Base Aggregate Open Graded is full compensation for preparing the foundation; and for stockpiling, placing, shaping, compacting, and maintaining the base. The department will pay for EBS in areas of placed base, dust control water, and compaction water as specified in 301.5.