

SECTION 311 BREAKER RUN

311.1 Description

- (1) This section describes providing breaker run.

311.2 Materials

- (1) Furnish stone or concrete processed through a primary crusher set to produce a material predominantly 6 inches (150 mm) or less in at least one dimension. Obtain material from a department-approved source substantially free of unconsolidated overburden materials, topsoil, organic materials, and other deleterious materials.
- (2) A department-approved source is any quarry with acceptable department test results for wear and soundness on record. The engineer may also approve other sources as follows:
 1. Mined or quarried waste rock that, in the engineer's opinion, is hard, durable, and when processed through a primary crusher, will produce a material similar in size and texture to that produced from a quarry face.
 2. Concrete that the engineer judges substantially free of steel, building materials or other deleterious material; and when processed through a primary crusher, produces a material similar in size and texture to that produced from a quarry face.
 3. Material from a new or untested quarry that, in the engineer's opinion, is hard, durable, and comparable to that normally used to produce aggregate.
- (3) The engineer may reject material produced from deteriorated concrete or from non-durable rock such as sandstone, shale, slate, disintegrated granite, or heavily weathered rock of any type.
- (4) The department will assess breaker run acceptability based primarily on the engineer's visual inspection.

311.3 Construction

- (1) Place breaker run where the plans show or as the engineer directs. The contractor may substitute 3-inch (75 mm) base conforming to 305.2 or select crushed material conforming to 312.2 for breaker run.
- (2) Compact breaker run using standard compaction conforming to 301.3.4.2.

311.4 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 Breaker Run by the ton or cubic yard acceptably completed.

311.5 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>
311.0110	Breaker Run	TON
311.0115	Breaker Run	CY

- (2) Payment for Breaker Run is full compensation for providing and compacting breaker run material, including substituting with 3-inch (75 mm) base or select crushed material as allowed in 311.3.
- (3) The department will pay for EBS in areas of placed base as specified in 301.5.