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 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 a 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.

(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 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:

ITEM NUMBER	DESCRIPTION	UNIT
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 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.