



**SPECIAL PROVISIONS
FOR
BREAKER ROCK**

**Clayton County
STPN-076-1(16)--2J-22**

**Effective Date
November 16, 2021**

THE STANDARD SPECIFICATIONS, SERIES 2015, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

150764.01 DESCRIPTION.

This section describes providing breaker rock material used primarily for subgrade correction and improvement.

150764.02 MATERIALS.

- A.** Furnish crushed stone or crushed concrete from an Engineer approved source substantially free of unconsolidated overburden materials, topsoil, organic materials, steel, and other deleterious materials.
- B.** An approved source is a source with acceptable 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.** Crushed 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.
- C.** 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.
- D.** Provide gradation tests to the Engineer conforming to the following gradation:

SIEVE	PERCENT PASSING (by weight)
5 inch	90 – 100
1 1/2 inch	20 – 50
No. 10	0 – 10

- E. Furnish material that has a minimum of 50%, by count, of the number of particles retained on the 1 1/2 inch sieve with at least two fractured faces.
- F. The Engineer will also assess breaker rock acceptability based primarily on visual inspection.

150764.03 CONSTRUCTION.

- A. Place select crushed material where the plans show or as the Engineer directs. Ensure that there is adequate moisture in the aggregate during placing, shaping, and compacting to prevent segregation and achieve adequate compaction.
- B. Spread and compact select crushed material in compacted layers of 16 inches or less. The Engineer may allow thicker layers to address soft foundation conditions.

150764.04 METHOD OF MEASUREMENT.

Measure the Breaker Rock bid item by the ton acceptably placed.

150764.05 BASIS OF PAYMENT.

- A. Payment will be at the unit price for each ton of Breaker Rock acceptably placed.
- B. Unit price includes full compensation for furnishing all materials, water, preparation of subgrade, and for doing all work necessary to place the Breaker Rock in compliance with the contract documents.