

X2070304 POROUS GRANULAR EMBANKMENT, SPECIAL (LCDOT)

Effective: January 1, 2007

Revised: January 22, 2015

Description: This work shall consist of furnishing and placing porous granular embankment.

Materials: The aggregate shall meet the requirements of Article 1004.05 of the “Standard Specifications” except as follows:

1. *Crushed Stone, Crushed Blast Furnace Slag, or Crushed Concrete meeting the requirements of the following table will be permitted.*

Sieve Size	Percent Passing
8”	100
6”	97 +/- 3
4”	90 +/- 10
2”	45 +/- 25
#4	20 +/- 20
#200	5 +/- 5

2. *Crushed Gravel meeting the requirements of the following table will be permitted.*

Sieve Size	Percent Passing
8”	100
6”	97 +/- 3
4”	90 +/- 10
2”	55 +/- 25
#4	30 +/- 20
#200	5 +/- 5

3. *Crushed RAP, from either full depth or single lift removal, may be mechanically blended with the above aggregate materials but shall not exceed 40 percent of the total product. The RAP shall have a top size of 4” and be well graded.*

Steel slag and other expansive materials will not be permitted.

Crushed Gravel shall be defined as meeting a target of 97% with +/-3% variance for one-face or more crushed according to Crushed Particle Content: ASTM D 5821 (Illinois Modified).

Equipment: A vibratory roller meeting the requirements of Article 1101.01(g) of the “Standard Specifications” shall be used to roll each lift of material.

General: The work shall be performed according to Section 207 of the “Standard Specifications” and the following:

A vibratory roller shall be used to roll each lift of material to obtain the desired keying or interlock and necessary compaction. The Engineer will verify that adequate keying has been obtained.

Porous Granular Embankment, Special shall be used in all widening and pavement reconstruction areas as shown on the plans. Undercut and PGE placement in addition to the plan thickness will be done as field conditions warrant. No adjustment in unit price will be allowed for an increase or decrease in quantities from the estimated quantities shown in the plans.

Method of Measurement: Porous Granular Embankment, Special will be measured for payment in cubic yards according to Article 311.08(b) of the “Standard Specifications”.

Basis of Payment: This work will be paid for at the contract unit price per cubic yard for POROUS GRANULAR EMBANKMENT, SPECIAL. *The unit price shall include all equipment and labor required to furnish and place the porous granular embankment.*