

SECTION 02630 – BASE AGGREGATE

(Follow all instructions and make all edits with “Track Changes” turned on. If there are no instructions [purple text] above a subsection, paragraph, sentence, or bullet, then include it in the Project. Delete all purple text before preparing the final document. All other modifications to this Section will require ODOT Technical Resource and State Specifications Engineer approval.)

Comply with Section 02630 of the Standard Specifications modified as follows:

02630.10(a) Grading - Replace the paragraph that begins "Dense-graded base Aggregate..." with the following paragraph:

Furnish dense-graded base Aggregate consisting of crushed Rock, including Sand. Uniformly grade the Aggregates from coarse to fine. Perform sieve analysis according to AASHTO T 27. Furnish Aggregates according to one of the grading requirements of Table 02630-1 as identified in the Special Provisions or indicated by the Pay Items in the Contract Schedule of Items.

Replace the paragraph that begins "² Of the fraction passing the..." with the following paragraph:

² Of the fraction passing the 1/4-inch sieve, 40 percent to 60 percent is required to pass the No. 10 sieve

02630.10(b) Fracture of Rounded Rock - Replace the paragraph that begins "Fracture of rounded Rock..." with the following paragraph:

Determine fracture of rounded Rock according to AASHTO T 335. Provide at least one fractured face based on the following percentage of particles retained on the 1/4-inch sieve for the designated size:

02630.10(c) Durability - Replace the paragraph that begins "Dense-graded Aggregate ..." with the following paragraph:

Furnish dense-graded Aggregate meeting the following durability requirements:

02630.10(d) Sand Equivalent - Replace the paragraph that begins "Dense-graded Aggregate ..." with the following paragraph:

Test dense-graded Aggregate according to AASHTO T 176, and ensure a Sand equivalent of not less than 30.

02630.11(a) Grading – Replace this subsection, except for the subsection number and title, with the following:

~~Provide~~Furnish open-graded Aggregate meeting the following grading requirements:

Table 02630-2
Aggregate Gradation for Open-Graded Aggregate

Sieve Size	Percent Passing (by Weight)
1"	100
3/4"	80 - 98
1/2"	60 - 85
3/8"	30 - 45
No. 100	0 - 6 (Dry Sieve)

02630.11(b) Fracture of Rounded Rock ~~—~~ Replace this subsection, except for the subsection number and title, with the following:

Determine fracture of rounded Rock according to AASHTO T 335. Provide Open-graded Aggregate meeting the following fracture requirements:

Percentage of Fracture (by Weight)

Material Retained on 3/4", 1/2", and 1/4" Sieves (two fractured faces) 90