

BITUMINOUS COATED AGGREGATE SLOPEWALL

Effective: March 21, 1997

Revised: March 19, 2018

This work shall consist of paving embankment slopes with crushed aggregate for control and prevention of erosion of slopes.

Material: The aggregate used for slope wall paving shall be crushed stone conforming to Article 1004.01 of the Standard Specifications for Class D quality except that one of the following options shall apply:

COARSE AGGREGATE QUALITY

QUALITY TEST	Option 1	Option 2
Na ₂ SO ₄ Soundness ^{2/} 5 Cycle, AASHTO T 104 ^{1/2/} Max. % Loss	35	25
Los Angeles Abrasion AASHTO T 96 Max. % Loss	45	65

The aggregate shall be uniformly graded to meet the following.

Percent Passing	Sieve size
100 %	4 inch (100 mm)
53 ± 23 %	2 inch (50 mm)
8 ± 8 %	No. 4 (4.75 mm)

The bituminous material used for slopewall paving shall be RS-2 or RC70 meeting the requirements of Section 1032 of the Standard Specifications.

Construction Requirements: The surface upon which the slopewall is to be constructed shall conform to the elevation, lines, grades, and cross section indicated on the plans and as directed by the Engineer. The subgrade shall be shaped to ± 1 inch (25 mm) of plan grade.

Prior to placing aggregate, the slope shall be compacted to a uniform density as directed by the Engineer. Excess excavated material shall be disposed of by the Contractor as provided in Section 502 of the Standard Specifications.

The crushed aggregate shall be placed on the prepared slope, shaped and compacted to the satisfaction of the Engineer. Bituminous material shall not be placed until the aggregate has dried to the satisfaction of the Engineer.

Bituminous material shall be applied at a minimum rate of 1 gallon per square yard. The rate shall be sufficient to assure penetration into and the binding together of particles in the upper 2 inches (50 mm) of the crushed aggregate slopewall. The adjacent structure shall be protected from bituminous material to prevent spattering or discoloration.

Basis of Payment: This work will be measured and paid for at the contract unit price per square yard (square meter) for BITUMINOUS COATED AGGREGATE SLOPEWALL, of the thickness

specified, which price shall include payment for fine grading of the earth bed, backfilling, disposal of surplus material, and the furnishing and placing of all materials.