

SECTION 305 - AGGREGATE SUBBASE COURSE

305.01 Description. This section describes furnishing and placing aggregate subbase on a prepared surface.

305.02 Materials.

Aggregate for Subbase	703.17
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Water	712.01
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Cullet and Cullet-Aggregate Mixtures as Construction Materials	717.01
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Cullet Materials for Roadways	717.02
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Aggregate subbase course shall include mixture of aggregate and cullet. When cullet is not produced on the project island, or material unit price of cullet is greater than material unit price of aggregate for subbase, cullet may be excluded. Before excluding cullet, submit availability and pricing documentation.

305.03 Construction.

(A) Hauling and Placing. Haul, deposit, and spread aggregate subbase on a prepared surface in a manner that minimizes rutting, uneven compaction, and segregation. Should segregation occur, remove segregated material and replace with material conforming to the contract documents, at no increase in contract price or contract time.

Where compacted thickness is greater than 6 inches, spread and compact mixture in two or more lifts approximately equal in thickness. Maximum compacted thickness of one lift shall be 6 inches.

(B) Shaping and Compacting. Prior to shaping, add water uniformly to aggregate subbase, as necessary, to obtain moisture content within 2 percent above or below optimum moisture content for compaction.

Immediately after spreading aggregate subbase, shape and compact each lift across full width using power roller. Roll in direction parallel to centerline of road. For areas inaccessible to roller, compact using tampers or compactors.

Compact each lift to produce uniform surface texture and to attain at least 95 percent of maximum density in accordance with Subsection 203.03(C)(2) – Relative Compaction Test.

305.03

47 Limit surface deviations of finished areas to not more than 1/2 inch
48 above or below theoretical grade. Correct surface deviations more than 1/2
49 inch above or below theoretical grade by scarifying, adding or removing
50 material, blading, watering, and compacting. Reshape high or low spots with
51 self-propelled, pneumatic-tired motor grader. Use graders with wheelbase
52 not less than 15 feet long and blade not less than 10 feet long.
53

54 **305.04 Measurement.** Aggregate subbase will be paid on a lump sum basis.
55 Measurement for payment will not apply.
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57 **305.05 Payment.** The Engineer will pay for the accepted aggregate subbase on
58 a contract lump sum basis. Payment will be full compensation for the work
59 prescribed in this section and the contract documents.
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61 The Engineer will pay for the following pay item when included in the proposal
62 schedule:
63

Pay Item	Pay Unit
Aggregate Subbase	Lump Sum

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65
66
67
68
69

END OF SECTION 305