



ALABAMA DEPARTMENT OF TRANSPORTATION

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Bob Riley
Governor

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MATERIALS AND TESTS TECHNICAL ADVISORY 5 – 03

TO: Division Engineers

FROM: Larry Lockett *Larry Lockett*
Materials and Tests Engineer

RE: Application Rate of Bituminous Wearing
Layer – ½" Maximum Aggregate Size Mix

Effective immediately, in order to more readily facilitate obtaining target density of the ½" maximum aggregate size bituminous wearing layer mix, the placement rate should be specified, when possible, at 125 #/SY to 135 #/SY. This will apply to Section 423, 424, and 429 ½" maximum aggregate size bituminous wearing layer mixes.

The 125 #/SY to 135 #/SY placement rate for the ½" maximum aggregate size bituminous wearing layer mix supercedes the 110 #/SY to 125 #/SY application rate that is currently shown in Guidelines for Operation 6-10. In the future, Guidelines for Operation 6-10 will be revised to reflect the increased placement rate for the ½" maximum aggregate size mix.

Materials reports for new construction projects and resurfacing projects have previously been submitted and approved wherein the application rate of the ½" maximum aggregate size bituminous wearing layer mix is specified at a rate less than 125 #/SY. Depending upon the plan development status of such projects, along with the proposed letting dates for the projects, consideration should be given to adjusting the application rate of the ½" maximum aggregate size bituminous wearing layer mix to a rate of 125 #/SY to 135 #/SY, and making other adjustments as required to meet the structural requirements of the individual projects.

LL/GMB/kh

Cc: Mr. Mike Harper
Mr. Terry L. McDuffie
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FHWA
File