

CONSTRUCTION

MEMORANDUMS

MEMO NO. 21

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SUBJECT:

PLANT MIX AGGREGATE

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Plant mix aggregate specification 703.05 requires that aggregate to be crushed for plant mix be screened so that not more than ten percent (10%) of the naturally occurring minus one-half inch (1/2") material remains in the material used to produce the coarse and fine aggregate stock piles.

The purpose of this specification is to produce fractured coarse material as well as crushed fine material. The waste of material below the 1/2" screen is an important sequence in plant mix pavement production. It must be accomplished as it affects the stability and compaction of plant mix pavements.

A test method is not specified to control or enforce this requirement for waste. The contractor must set the crushing plant up to comply with this specification and it needs to be documented in the crushing reports.

Inspectors should inspect the amount of natural 1/2" material in the source (or being fed to the crusher) and the waste pile in reference to waste production versus crushed production quantities.

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G.R. WORTHAM, P.E.
Construction Engineer