

MODIFICATIONS TO STANDARDS

SPECIFICATION & PARA. REQUESTED MODIFICATION & JUSTIFICATION

P-401 PLANT MIX BITUMINOUS PAVEMENTS; paragraph 401-5.1.b.(2): delete the second to last sentence which reads "ALL CORING SHALL BE CENTERED ON THE JOINT" and replace with "ALL JOINT CORES SHALL BE TANGENT TO THE VISIBLE JOINT LINE ON THE MORE RECENTLY PAVED SIDE".

Justification:

Compaction test cores "across" the cut joint give half compaction credit to the previous lane's matt density. The heavy influence of the previous matt density diminishes the density needed on the more recently paved (or hot) side of the joint and decreases of standard deviation of the joint density. Thus, there is a false sense of accomplishment in the quality of the joints.

A more accurate method of coring on both a cut joint and a tapered joint is to take the core tangent to the joint line on the hot side. This better represents the joint and the Marshall properties of the lot used for forming the joint. The cold side of the seam only represents the previous lane matt density.

PLEASE NOTE – This modification is valid only for projects in the State of Wyoming.

DATE

January 23, 2008

SPONSOR

All Wyoming Airports

DATE

January 23, 2008

APPROVED BY (FAA)



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