

ARKANSAS DEPARTMENT OF TRANSPORTATION
SUPPLEMENTAL SPECIFICATION
DENSITY TESTING FOR ACHM LEVELING COURSES AND BOND BREAKERS

Section 410 of the Standard Specifications for Highway Construction, Edition of 2003, is hereby amended as follows:

The following is inserted after the fourth paragraph of Subsection **410.09(a)**:

The following procedures shall apply for field density testing when ACHM mixes are used as a leveling course or as a bond breaker between a base material and Portland Cement Concrete Pavement:

- If the entire subplot quantity is placed for leveling or as a bond breaker and the thickness of all of the leveling/bond breaker in that subplot is less than three times the nominal maximum aggregate size, no field density sample or test will be required. The subplot will be excluded from the calculation of the average field density for the acceptance of the lot in Subsection 410.09(a).
- If the entire subplot quantity is placed for leveling or as a bond breaker and portions of the leveling/bond breaker have a thickness greater than three times the nominal maximum aggregate size, a field density sample shall be obtained by the Contractor at a location determined by the Department using ARDOT Test Method 465; however the sampling area will be restricted to the area in which the thickness of the leveling course/bond breaker is greater than three times the nominal maximum aggregate size.
- If only a portion of the subplot quantity is placed for leveling or as a bond breaker, the Contractor shall obtain a field density sample at a location determined by the Department using ARDOT Test Method 465; however the sampling area will be restricted to the portion of the subplot where the material used as leveling or as a bond breaker has a thickness greater than three times the nominal aggregate size and to the area where the material was not used for leveling or as a bond breaker.

When field density testing for a subplot is waived by one of the above conditions, the ACHM mix used as a leveling course or as a bond breaker shall be compacted utilizing the optimum rolling pattern to achieve the maximum density required, as required by Subsection 410.08.

The first sentence of the second paragraph of Subsection 410.10 is hereby deleted and the following is substituted therefore:

When the entire quantity of either the ACHM Binder Course or ACHM Surface Course (including any sublots used for leveling) meets the following criteria, an incentive of the percentage designated will be applied to the dollar amount for all the components of the designated mix.