

**446 EDGEDRAIN (DRAINCRETE).**  
**(REV 1-26-07) (FA 3-9-07) (7-07)**

SUBARTICLE 446-3.1 (Page 438 and 439) is deleted and the following substituted:

**446-3 Control of Quality.**

**446-3.1 Concrete Design Mix:** Submit the proposed design mix prior to production, on the “Concrete Mix Design” form, for the Engineer’s approval. Use only draincrete design mixes having prior approval of the Engineer. Do not change the design mix component materials except as per 446-3.2.

The Department will verify the proposed mix design and may witness the trial batching. Meet the unit weight requirements as determined in accordance with FM 5-530, and the drain rate in accordance with FM 5-570. Also, provide one of the following with the design mix submittal:

(1) Evidence from three sets of production data, either from Department acceptance tests or independently verifiable commercial mixes, that draincrete produced in accordance with the proposed design mix meets the requirements of this Section.

(2) Test data from a single trial batch of 0.10 yd<sup>3</sup> minimum is required, which demonstrates that the draincrete produced using the proposed mix, designated ingredients, and designated water-cement ratio meets the requirements of this Section.

SUBARTICLE 446-5.1 (Page 439) is deleted and the following substituted:

**446-5.1 General:** The Engineer will take random samples of the draincrete at the point of placement to determine the drain rate in accordance with FM 5-570 to determine the drain rate. A minimum of two test cylinders will be made for each LOT. A LOT represents one day’s production of each mix design.