

446 EDGEDRAIN (DRAINCRETE) – CONTROL OF QUALITY.
(REV 1-15-10) (2-19-10) (7-10)

ARTICLE 446-3 (Pages 438 – 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 yd³ 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.

446-3.2 Batch Adjustment - Materials: Meet the theoretical yield requirements of the approved mix design. Inform the Engineer of any adjustments to the approved mix design. Note any batch adjustments and record the actual quantities incorporated into the mix, on the concrete “Delivery Ticket/Certification” form.

446-3.3 Delivery Certification: Furnish to the Engineer a complete “Delivery Ticket/Certification” form with each batch of draincrete prior to unloading at the site.