

702-R-813 STRUCTURAL CONCRETE

(Adopted 11-19-25)

The Standard Specifications are revised as follows:

SECTION 702, BEGIN LINE 143, DELETE AS FOLLOWS:

~~Class C concrete shall contain a retarding admixture when either the air temperature is above 70°F or the concrete temperature is above 80°F, or if retardation is required due to the structure design, or due to the proposed pour sequence such as for the requirements for floor slab pours set out in 704.04. Air entraining cements will not be allowed in Class C concrete.~~

If the contract requires stay-in-place metal forms for the bridge deck or if the Contractor elects to use such forms, the bridge deck concrete shall incorporate Class AP coarse aggregate instead of Class A.

SECTION 707, BEGIN LINE 143, DELETE AS FOLLOWS:

Chemical admixture types B, C, and E will only be allowed with prior written permission. Chemical admixture Type C and portland cement Type III shall not be used in the same concrete mixture. ~~Air entraining cement will not be allowed.~~ The cement content of the mixed concrete shall be sufficient to obtain the specified minimum 28-day compressive strength. The total of portland cement and other cementitious materials shall be a minimum of 564 lb/cu yd and shall not exceed 850 lb/cu yd. Silica fume may be added in an amount not to exceed 5% of the total cementitious material.
