

DIVISION III MATERIALS REQUIREMENTS

References in this Division to other publications shall mean the code or standard that is in effect at the date of advertising for bids.

SECTION 750 PORTLAND CEMENT

Portland Cement shall conform to AASHTO M 85 for the type specified. **All cements** shall not have more than 0.60 percent of Alkalies ($\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$).

Unless otherwise permitted by the Engineer, the product of only one mill of any one brand and type of Portland cement shall be used on the project.

SECTION 751 AIR-ENTRAINING ADMIXTURES

Air-entraining admixtures for concrete shall conform to AASHTO M 154, except as specified below:

Concrete having sufficient air-entraining admixture added to entrain 5 to 7 percent air shall have compressive strength at the age of 7 days of not less than 90 percent of the standard.

The standard shall consist of a concrete of equal cement content, equal consistency and of the same aggregates in adjusted proportions, but without the addition of an air-entraining admixture.

SECTION 752 CHEMICAL ADMIXTURES FOR CONCRETE

The chemical admixtures used for concrete shall conform to AASHTO M 194.