

May 5, 2014

PORTLAND CEMENT AND PORTLAND CEMENT CONCRETE

Subsection 701.2.1.1 Materials – Portland Cement - General, of the 2007 Standard Specifications is amended to add the use of Type IL Portland-limestone cement in addition to the materials given.

Add the following to Subsection 701.2.1.1 Materials – Portland Cement- General:

Type IL Portland-limestone cement may be used instead of Type I and Type II cement. If used, furnish Type IL cement conforming to the requirements of AASHTO M 240 and obtain from sources listed on the most recent edition of SCDOT Qualified Products 86. Provide an intimate and uniform blend of Portland cement and limestone. In any case, make certain that the limestone constituent is less than 15% of the total weight of the Portland-limestone cement.

Delete Subsection 701.4.9 – Construction – Fly Ash and Water-Granulated Blast-Furnace Slag - Items A and C of the 2007 Standard Specifications in their entirety and replace with the following:

- A. Fly ash or water-granulated blast furnace slag may replace allowable percentages of Type I, Type II, or Type III Portland cement or Type IL Portland-limestone cement. Do not use fly ash or slag replacement for mixes using Type I (SM) or Type IP blended cements.

- C. When fly ash is used to replace the Portland and Type IL Portland-limestone cement, replace at a ratio of not less than 1.2:1 by weight, and do not replace more than 20% of the cement originally called for in the mixture.