Sample Project Special: 601esca

02-03-11

REVISION OF SECTION 601

EXTENDED SET CONTROL ADMIXTURE

Section 601 of the Standard Specifications is hereby revised for this project as follows:

Subsection 601.07(a) shall include the following:

The 90-minute time limit for mixer or agitating trucks may be extended longer than 180 minutes if:

1. An Extended Set Control Admixture (ESCA) is added at the time of batching. Procedures and doses shall be in accordance with manufacturer’s recommendations. The ESCA shall be on the approved products list.
2. The concrete temperature prior to placement is less than 90 °F.
3. Each load of concrete shall be sampled and tested by the Contractor for air content according to CP 61.
4. The Department will cast three additional acceptance cylinders. If the acceptance cylinders tested at 28 days do not meet design strength, the additional cylinders will be tested at 56 days for acceptance.

Subsection 601.09 (h) shall include the following:

When ESCAs are used, the removal of forms, supports and housing, and the discontinuance of heating and curing may begin when the concrete is found to have the required compressive strength.

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**INSTRUCTIONS TO DESIGNERS** (delete instructions from final draft):

Prior to using this Project Special Provision on projects, the Designer shall consult with the Region Materials Engineer in the use of this specification.