

All Regional Engineers

John D. Baranzelli

Special Provision for Quality Control/Quality Assurance of
Concrete Mixtures

September 27, 2013

This special provision was developed by the Bureau of Materials and Physical Research to allow the option to use 4 x 8 in. (100 x 200 mm) cylinders for compressive strength specimens. The document modifies Check Sheet #31 "Quality Control/Quality Assurance of Concrete Mixtures".

This special provision has been revised to fit with the 2014 Supplemental Specifications and Recurring Special Provisions.

It should be included in projects involving cast-in-place concrete at the district's discretion.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the January 17, 2014 and subsequent lettings. The Project Development and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory
September 27, 2013.

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QUALITY CONTROL/QUALITY ASSURANCE OF CONCRETE MIXTURES (BDE)

Effective: January 1, 2012

Revised: January 1, 2014

Revise Note 7/ of Schedule B of Recurring Special Provision Check Sheet #31 of the Standard Specifications to read:

- 7/ The test of record for strength shall be the day indicated in Article 1020.04. For cement aggregate mixture II, a strength requirement is not specified and testing is not required. Additional strength testing to determine early falsework and form removal, early pavement or bridge opening to traffic, or to monitor strengths is at the discretion of the Contractor. Strength shall be defined as the average of two 6 x 12 in. (150 x 300 mm) cylinder breaks, three 4 x 8 in. (100 x 200 mm) cylinder breaks, or two beam breaks for field tests. Per Illinois Modified AASHTO T 23, cylinders shall be 6 x 12 in. (150 x 300 mm) when the nominal maximum size of the coarse aggregate exceeds 1 in. (25 mm).

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