

216-R-824 CELLULAR CONCRETE FILL, CCF

(Adopted 06-18-26)

The Standard Specifications are revised as follows:

SECTION 216, BEGIN LINE 39, INSERT AS FOLLOWS:

(a) CCF Cast Density

The density shall be monitored at the point of placement at hourly intervals during placement *in accordance with ITM 522*. Adjustments shall be made as necessary to maintain the specified cast density, $\pm 10\%$. If two consecutive test results fail, operations shall cease and corrective action taken before placement of the CCF resumes.

(b) Foam Density

Foam density shall be tested twice during each 24 h period for each mixer *in accordance with ITM 522*. The foam density shall be within 10% of the target provided in the approved mix design.

SECTION 216, BEGIN LINE 59, DELETE AND INSERT AS FOLLOWS:

216.07 Foundation Preparation of Subgrade

The ~~subgrade~~ foundation shall be prepared in accordance with *2073 or as directed*. All standing water shall be removed prior to placement of CCF.

216.08 Installation

CCF shall be proportioned, mixed, and placed in lifts ~~as recommended by the manufacturer~~ *in accordance with ITM 522*. Transit mixers will not be acceptable for mixing the CCF.

Three DCP tests for every 500 sq ft section will be performed. DCP testing will be in accordance with ITM 509 *and ITM 522*. The CCF shall not be subjected to load or disturbed by construction activities until the average DCP blow count from three tests on a section is at least 10 per 12 in. depth. *The subsequent CCF lift shall not be placed on the CCF when DCP blow counts are 5 or less per 12 in. at any location.*

The final surface finish shall be within ± 0.1 ft of the plan elevation.

SECTION 216, BEGIN LINE 79, DELETE AND INSERT AS FOLLOWS:

216.10 Testing

Acceptance of the work will be based on successful test results for *cast density and* compressive strength.

The Contractor shall cast *and cure* four specimens for each lot *in accordance with ITM 522*. ~~Testing of the specimens will be in accordance with ASTM C495, except test specimens shall be covered immediately after casting. The specimens shall be moist cured for 26 days and then air cured for two days prior to the compressive strength testing. The specimens shall not be oven dried. Test specimens will become the property of the Department after curing and will be tested at 28 days in accordance with ITM 522.~~