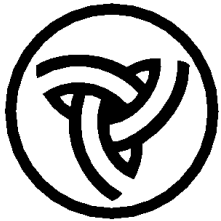


TRANSPORTATION BULLETIN



Illinois Department of Transportation

ADDENDUM NO. 1

Dated: May 20, 2011

For: Transportation Bulletin

Letting Date: June 17, 2011

Volume 14, No. 19 Dated: May 13, 2011

Item No. 8A – Rehabilitate Golf Ramp & Hangar Taxiways – Phase 1

Abraham Lincoln Capital Airport (SPI)
Springfield, Sangamon County, Illinois
Illinois Project No.: SPI-4003
AIP Project No.: 3-17-0096-XX
Contract No.: CA012

REASON FOR ADDENDUM:

Clarification to **Item 501002 - Portland Cement Concrete Pavement** of the Special Provisions (Section III).

SPECIAL PROVISIONS:

ITEM 501002 – PORTLAND CEMENT CONCRETE PAVEMENT

REVISE: Article 501-3.1.C.2 VIBRATORS on Page 16 to read as follows:

DELETE: For side-form construction, vibrators may be either the surface pan type for pavements less than 8 inches thick or the internal type with either immersed tube or multiple spuds, for the full width of the concrete slab.

ADD: For side form construction, vibrators shall be internal type with either immersed tube or multiple spuds, for the full width of the concrete slab.

ADD: The following equipment will be allowed for the consolidation and strike off of the proposed concrete pavements:

- Vibrating Screed with hand operated spud vibrators.
- Roller Screed with hand operated spud vibrators.
- Bridge Deck Paver with mounted or hand operated spud vibrators.
- Slip Form Paver.

The equipment shall be capable of consolidating the concrete for the full width and depth of the pavement as required by Standard Specifications.

The vibratory method used by the contractor shall adhere to the following:

After the concrete has been struck off, the concrete shall be vibrated for the full width and depth of the concrete pavement with a surface pan type vibrator or internal vibrator avoiding contact with a joint assembly, the grade, or side forms. The maximum time of concrete vibration at any one location shall be 10 seconds. As soon as the concrete has been spread and consolidated, it shall be finished by an approved finishing machine. The tops of the forms shall be kept clean by an effective device attached to the machine and the travel of the machine on the forms shall be maintained true without life, wobbling, or other variations tending to affect a uniform finish. If the rate of depositing concrete is in excess of the amount which the finishing machine can strike off, consolidate, and finish, a second finishing machine shall be provided and used.

ADD: 501-3.1.C.3 FINISHING EQUIPMENT

Add the following new paragraph on Page 16:

Use of a vibratory screed for construction of PCC pavements shall adhere to the following:

An approved vibrating screed may be used to strike off, consolidate, and finish pavement. The vibration shall be shut off whenever forward motion of the screed is stopped. In operation, the vibrating screed shall be moved forward on the forms, moving always in the direction in which the work is progressing and so manipulated that neither end is raised from the side forms during the striking off process. If necessary, this shall be repeated until the surface is of uniform texture, true to grade and cross section, and free from porous areas.