

704-B-196 CONCRETE FLOOR SLABS

(Revised 03-15-12)

The Standard Specifications are revised as follows:

SECTION 704, BEGIN LINE 9, INSERT AS FOLLOWS:

**704.02 Materials**

Materials shall be in accordance with the following:

Castings.....	910.05
Concrete, Class C.....	702
Joint Materials.....	910.05
<i>Profile Wall Polyvinyl Chloride Pipe</i> .....	907.22
Reinforcing Bars.....	910.01
<i>Smooth Wall Polyvinyl Chloride Pipe</i> .....	907.23

SECTION 704, BEGIN LINE 32, DELETE AND INSERT AS FOLLOWS:

**704.04 Placing Reinforcement and Concrete**

Applicable provisions of 703 shall apply to placing reinforcing bars. No concrete shall be placed until the reinforcement is entirely and securely in place and has been inspected and approved. Walkways shall be in accordance with 702.20(a). Placing of reinforcement during placing of concrete will not be permitted without prior written approval. Splices, when permitted, shall be at locations of least tension in the steel.

The concrete deck pour sequence and procedure shall be submitted for approval a minimum of 14 days prior to the planned deck pour. ~~The minimum pour rate is that which permits the finishing machine to progress at a rate of at least 25 ft/h (7.6 m/h). If this rate is not achieved, placement of transverse construction joints may be directed. The addition of construction joints shall be performed with no additional payment. Placement of concrete, when once started, shall be continuous between joints. Horizontal joints will not be permitted.~~ *The submittal shall include the following information:*

- (a) the contract number;*
- (b) the Contractor's name;*
- (c) the bridge file number;*
- (d) the Contractor's proposed pour sequence;*
- (e) the Contractor's proposed pour rate;*
- (f) the approved concrete mix design; and*
- (g) the delivery time from the concrete batching location to the jobsite.*

*If, during the pour, the approved pour rate is not achieved, placement of transverse construction joints may be directed as shown on the plans. Placement of concrete shall be continuous between joints. Horizontal joints will not be permitted.*

Floor drains shall be placed in gutters at locations shown on the plans and fastened securely before placing the surrounding concrete. The tops of the floor drains shall be no more than 1/2 in. ~~(13 mm)~~ below the adjacent gutter grade. The drains shall be constructed so drainage water is not discharged against portions of the structure.

Expansion joints shall be constructed as shown on the plans and the material shall be in accordance with 906.01.

~~Transverse construction joints as shown on the plans for the floor slab of prestressed concrete beam structures may be eliminated by written approval under the condition as follows:~~

- ~~(a) A retarding or a water-reducing retarding admixture shall be used in the concrete to delay set as required and approved.~~
- ~~(b) Concrete shall be placed for the full width of the structure, unless otherwise approved.~~
- ~~(c) It is determined that the concrete on 2 adjacent spans can be placed within a period of time which is less than the time for the initial set of the concrete section over the pier common to the 2 spans.~~

SECTION 704, BEGIN LINE 184, INSERT AS FOLLOWS:

The cost of forms, curing, finishing, preformed expansion joints within structure limits, *slab bridge floor drains*, and necessary incidentals shall be included in the cost of the pay items.

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