

STATEWIDE CRITICAL REQUIREMENTS - FISCAL YEAR 2017/2018

Quality Assessment Category Number 10C Bridge Structures - Concrete Decks

1. Does the Project Administrator confirm that the Contractor communicates with the concrete beam producer and keeps records of monthly camber measurements relating to design camber prediction versus the actual camber in order to prevent excessive beam buildups and was this issue discussed at the preconstruction conference? Is there documentation to substantiate that these discussions took place and does a field visit verify this? [Spec. 450-16 & Good Practice]
2. Does the CEI staff confirm that Type 2 (white) curing compound is applied at a minimum spread rate of 0.06 gal/yd² to the deck surface not more than 2 hours after concrete placement for decks or 30 minutes for barriers and when the surface is damp; that saturated, properly sealed curing blankets are placed as soon as possible without affecting surface texture for a minimum of 7 days; and that blanket materials meet specifications and specifically that burlap-polyethylene sheeting is required to have a weight between 1-1.8 ounces/square feet for two layers or a weight between 0.6-0.7 ounces/square feet for four layers? Is there documentation to substantiate that these requirements were met and does a field visit verify this? [Spec. 400-16 & 925-1]
3. Does the CEI staff confirm that the Contractor is using appropriate rails or bolsters based on environmental classification and form type? Is there documentation to substantiate that this requirement was met and does a field visit verify this? [Spec. 415-5]