

STATEWIDE CRITICAL REQUIREMENTS - FISCAL YEAR 2019/2020

Quality Assessment Category Number 10C Bridge Structures - Concrete Decks

1. Does the Project Administrator confirm that the Contractor tracks monthly camber measurements from the concrete beam producer relating to design camber prediction versus actual camber to anticipate and make field adjustments if necessary to stay-in-place forms and/or other field corrections to accommodate the beam 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]