

**STATEWIDE CRITICAL REQUIREMENT LIST – FISCAL YEAR 2018/2019**  
**Quality Assessment Category Number 8A**  
**Concrete Pavement**

1. Dowel load-transfer devices are placed in all transverse joints and the position of the devices shall be confirmed by suitable means acceptable to the Engineer. Ensure the fasteners hold the dowel cage in place. Ensure method being used to confirm that the dowel bars are properly placed. [Spec. 350-12.4]
2. Is the CEI staff aware of and enforcing the requirements that the longitudinal joints and transverse joints are constructed in accordance with the details shown in the Plans and the tie bars or the bolt assemblies are placed correctly in depth, spacing, location and angles? Ensure the dowel bars are the correct diameter and length [Spec. 350-12]
3. Ensure if any uncontrolled cracks appear during the life of the Contract, the cracked concrete is removed and replaced and effective solutions are implemented immediately to eliminate further cracks. [Spec. 350-1]
4. Is the CEI staff aware of and enforcing the requirement that the Contractor saw transverse contraction joints by initial cut 1/8 inch wide by a depth of at least 1/3 of the pavement thickness and as soon as possible but in no case longer than 12 hours after placing the concrete, unless cutting the transverse joint would damage the surface by raveling or chipping? Should the contractor have to saw cut the concrete after the 12 hours allowed by specifications, is the CEI staff aware of and enforcing the requirement that the Contractor obtain the Engineer's approval of the additional curing time prior to saw cutting. Do the Daily Reports of Construction and/or a field visit verify this? [Spec. 350-12]