

STATEWIDE CRITICAL REQUIREMENT LIST – FISCAL YEAR 2013/2014
Quality Assessment Category Number 7B
Asphalt Milling & Paving

1. Texture of the Finished Surface of Pavement Layers: Produce a finished surface of uniform texture and compaction with no pulled, torn, crushed, raveled, or loosened portions and free of segregation, bleeding, flushing, sand steaks, sand spots, or ripples. Address any pavement not meeting the requirements of this specification in accordance with 330-9.5. [Spec. 330-9.2]
2. Smoothness Control and Cross Slope Control: The CEI staff is enforcing the following requirements: Trucks are not bumping the paver and after unloading the asphalt mixtures from the truck body to the paver, the remaining material in the truck shall not be cleaned and dumped on the tacked surface in front of the paver. The paving machine is equipped with automatic screed controls, which are being used during paving operation. The cross slopes are checked and documented regularly at a minimum frequency of one measurement every 100 feet during milling and paving operations, by the Contractor. The Department receives a copy of the documented results. All surface deficiencies exceeding the acceptable tolerance are corrected. A field review verifies this. [Spec. 330-4 and 330-9]
3. Compaction: The CEI staff is enforcing the following requirements: The pavement is compacted uniformly and meets the required density. The roller does not crush the aggregate during the compaction operations (especially for FC-5). Core holes shall be backfilled properly within 3 days of coring. Areas not requiring density testing for acceptance shall be compacted in accordance with the rolling procedure approved by the Engineer. In the event the rolling procedure deviates from the approved procedure, placement of the mix shall be stopped. The pavement outside edge meets the drop-off requirements specified on the Plan. A field review verifies the above requirements. [Spec 330-10, 337-8, and 334-5]
4. Tack Coat: The CEI staff is enforcing the following requirements: The roadway surface is cleaned prior to the application of tack coat and the tack coat is applied uniformly at the specified spread rate. The CEI staff is enforcing the requirement the tack coat emulsion has broken prior to the placement of asphalt. A field review of the paving operation and a review of the Asphalt Roadway – Verification Reports verify this. [Spec. 300-5 and 300-8]