STATEWIDE CRITICAL REQUIREMENT LIST – FISCAL YEAR 2014/2015

Quality Assessment Category Number 4
Earthwork

1. Is the CEI enforcing the requirement that the material used for embankment shall not contain muck, stump, roots, brush, vegetable matter, rubbish or other material that does not compact into a suitable and enduring roadbed?   Are exceptions reported in the Daily Report of Construction? Does a field visit verify this? [Spec. 120-7]

2. Is the CEI enforcing the requirement that adequate drainage for the roadbed is maintained at all times while construction is in progress? Are exceptions reported in the Daily Report of Construction? Does a field visit verify this?   [Spec. 120-11]

3. Is the CEI enforcing the requirement that the stabilized subgrade is to be firm and substantially unyielding to the extent that it will support construction equipment and will have the bearing value required upon completing the stabilizing and compacting operations? Are exceptions reported in the Daily Report of Construction? Does a field visit verify this?   [Spec. 160-3]

4. Where thick lifts are used, is the CEI aware of and enforcing the requirements for thick lift placement of the embankment?   A review of the project records and a project visit verifies this. [Spec. 120-8]

5. Has the CEI enforced the requirement that all required density test results are documented on current forms provided by the department in an understandable format? [Spec. 120-10]

6. Does the CEI have an appropriate process to ensure that the correct proctor is used when density tests results are evaluated for material acceptance? Are the appropriate materials used in each portion of the roadway? [Spec. 120-10, 120-7]

7. Is the CEI ensuring that all sampling and testing requirements are met and enforcing the requirement that all samples and test are taken randomly? Does the field test verify this? [Spec. 120-10]

8.   Does the CEI enforce the requirement that all equipment is calibrated? [Spec. 120-10]

9. Separate samples are used for Limerock Bearing Ratio (LBR) and Proctor by the CEI. [Spec. 160-4.3.2.1]