

FY 2017/2018 QC Category No. 6
STATEWIDE INSPECTION GUIDELIST
Base

1. Ensure Contractor provides material from Department approved sources and obtains the engineer's approval of the source of supply. [Spec. 200-2]
2. Verify equipment, transporting, and construction requirements are met in accordance with the Specs. [Spec. 200-3 & 200-4]
3. Ensure construction is according to the "Plan" specified in 200-2.2 when using existing limerock.
4. Verify limerock is transported to its point of use. [Spec. 200-4]
5. Hauling is not permitted over the subgrade without the approval of the Engineer. [Spec. 200-4]
6. Ensure limerock is spread uniformly. [Spec. 200-5]
7. Ensure areas where the base has segregated are replaced. [Spec. 200-5]
8. Ensure base course is constructed meeting the required number and thickness of courses. [Spec. 200-5]
9. Ensure that base courses greater than 6 inches has the approval of the Engineer based on results of a test section constructed using the Contractor's specified compaction effort. [Spec 200-5.2]
10. Verify that subgrade is not disturbed by base construction operation. [Spec. 200-5]
11. Verify that limerock for shoulder base is not dumped on the roadway pavement, if so, it must be swept off immediately. [Spec. 200-5]
12. Ensure limerock base for the shoulder is placed prior to the placing of the final course of pavement on the roadway. [Spec. 200-5]
13. Ensure uniformity is practiced during wetting or drying operations for the entire depth and width of the course that is being compacted. [Spec. 200-6]
14. If the base is contaminated by the subgrade, ensure it is removed and replaced. [Spec. 200-6]
15. Ensure the first course is bladed to a cross section parallel to the finished base. [Spec. 200-6]
16. Ensure the base widening strips are compacted in lifts prior to spreading the

overlying course. [Spec. 200-6]

17. Ensure density tests for the lower course are taken and passed prior to spreading material for the top course. [Spec. 200-6]
18. Ensure the top course is finished to grade and cross section after compaction and is free of scabs and laminations. [Spec. 200-6]
19. Ensure QC and Verification sampling and testing are performed at the minimum frequency required. [Spec. 200-7]
20. Enforce the requirement that all required density test results are documented on current forms provided by the Department in accordance with the **Materials Manual 2.3, Appendix A**? [Spec 200-7]
21. Ensure that the Pit Proctor approval, IV testing frequency and comparison are met in accordance with the Specs. [Spec. 200-7]?
22. Ensure irregularities greater than ¼-inch (6 mm), using a 15 foot (4.572m) straightedge, are corrected by scarifying, removing or adding rock. [Spec. 200-7, 285-7]
23. Ensure thickness of the base is measured at a frequency specified in the Specs. [Spec. 200-7, 285-6]
24. Ensure base deficient areas of more than ½-inch (13 mm) are corrected by scarifying and adding rock. [Spec. 200-7, 285-6]
25. Ensure the base is firm and unyielding at the time of priming, and the prime coat is only applied when the base meets the specified density requirements and the moisture content in the top half of the base doesn't exceed the optimum moisture of the base material. [Spec. 200-8]
26. If cracks or checks appeared in the base, either before or after priming, which, in the opinion of the engineer, impaired the structural efficiency of the base, remove cracks or checks by rescarifying, reshaping, adding base material where necessary, and recompacting. [Spec. 200-6].
27. Are certification for the base materials retained according to CPAM Section 2.2.3 "Construction Field Operations" and 5.8.4.1?