

FY 20154/2016 QC Category No. 6
STATEWIDE INSPECTION GUIDELIST
Base
GENERAL-LIMEROCK

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 generally per Section 200 – Limerock Base [Spec. 200]
3. When reusing limerock ensure construction is according to "Plan" in 200-2.2
4. Verify Limerock is transported to the point where it is used. [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. Verify that subgrade is not disturbed by base construction operation. [Spec. 200-5]
10. Verify that Limerock for shoulder base is not dumped on the roadway pavement, if so, it must be swept off immediately. [Spec. 200-5]
11. Ensure Limerock base for the shoulder is placed prior to the placing of the final course of pavement on the roadway. [Spec. 200-5]
12. When wetting or drying is required, ensure the entire depth and width of the course involved is manipulated. [Spec. 200-6]
13. If the base is contaminated by the subgrade, ensure it is removed and replaced. [Spec. 200-6]
14. Ensure the first course is bladed to a cross section parallel to the finished base. [Spec. 200-6]
15. Ensure the base widening strips are compacted in lifts prior to spreading the overlying course. [Spec. 200-6]
16. Ensure density tests for the lower course are taken and pass prior to spreading material for the top course. [Spec. 200-6]
17. Ensure the top course is finished to grade and cross section after compaction and is free of scabs and laminations. [Spec. 200-6]
18. Ensure QC and Verification Sampling and Testing are performed at the minimum frequency required. [Spec. 200-7]

GENERAL-LIMEROCK... continued

19. When the Contractor request permission to use Pit Proctors, are all IV proctors less than 4.5 lbs greater than the Pit Proctor [Spec. 200-7]?
20. Is the IV Pit Proctor frequency met [Spec. 200-7]?
21. Ensure irregularities greater than 1/4 inch (6 mm), using a 15 foot (4.572m) straightedge, are corrected by scarifying, removing or adding rock. [Spec. 200-7, 285-7]
22. Ensure thickness of the base is measured at a frequency of 3 per Lot or 3 per 1000 feet. [Spec. 200-7, 285-6]
23. Ensure base deficient areas of more than 1/2 inch (13 mm) are corrected by scarifying and adding rock. [Spec. 200-7, 285-6]
24. Verify that at the time of priming, base is firm and unyielding, meets the specified density requirement and the moisture content in the top half is not over the optimum moisture of the base material. [Spec. 200-8]
25. 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, make sure the cracks or checks are removed by rescarifying, reshaping, adding base material where necessary, and recompacting. [Spec. 200-6].
26. Are certification for base materials retained according to CPAM Section 2.2.3 "Construction Field Operations" and 5.5.9.1 "Product Certification"?