162 FINISH SOIL LAYER – SPREADING AND MIXING.
(REV 8-28-03) (FA 10-14-03) (7-04)

SUBARTICLE 162-4.2 (Page 189) is deleted and the following substituted:

162-4.2 Spreading and Mixing: Uniformly spread the necessary material over areas to receive treatment.

After spreading, mix the material with the underlying soil to a combined depth of 6 inches [150 mm]. Continue mixing to provide a uniform finish soil layer true to line and grade. Correct any slippage of this material at no cost to the Department. Obtain the Engineer's approval to use premixed material in areas where mixing is impractical.

Immediately after spreading and mixing, perform Quality Control (QC) by sampling and testing the top 6 inches [150 mm] at a testing laboratory qualified under 6-9. Test sampled material for organic matter content and pH values in accordance with the requirements of 987-1. Take random samples at a minimum of three samples per shoulder mile [2 kilometers]. For areas less than 1/4 shoulder mile [400 m] in length, one sample is sufficient. When the source of added material changes, the Engineer will require an additional sample. Test results will be averaged for each shoulder mile [2 kilometers] or increment thereof to determine specification compliance. Out of tolerance individual tests to a minimum of 1% organic content will be allowed.

Do not seed, seed and mulch, or place sod until acceptable values for organic content and pH are obtained.

The Engineer reserves the right to take and test additional samples to determine specification compliance. For independent verification samples with results outside the specification tolerances listed above, take an additional sample within 10 feet [3 m] of the failing sample and submit to an independent laboratory approved by the Engineer. If resolution test results are within specification ranges, the work will be accepted. Otherwise, retreat failing areas and perform additional testing of retreated areas at no additional cost to the Department.

The sampling and testing frequency may be reduced to three samples per 2 shoulder miles [4 kilometers] if the test results, when averaged, meet the specification requirements for three consecutive shoulder miles [6 kilometers]. Sampling and testing will revert to the original frequency of three samples per each shoulder mile [2 kilometers] if the Contractor's or the Department's tested samples do not meet specification requirements.