

Materials Sampling Guide

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Cold Mix Bituminous Surfacing and Base

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Minimum Material Certificate, Sample and Inspection Requirements							
MATERIAL	TYPE OF TEST	Q.C. SAMPLING AND TESTING BY CONTRACTOR	VERIFICATION SAMPLING AND TESTING BY NDOR			LOCATION OF ADDITIONAL INFORMATION	
Section: 5 – Cold Mix Bituminous Surfacing and Base			FIELD PERSONNEL	BRANCH LAB	LINCOLN LAB	NOTE No.	PAGE No.
1) Subgrade Sand	Gradation	-----	<p>One sample for gradation test each 10<sup>th</sup> station.</p> <p>Project personnel will supply the 10 pound sample needed to perform the testing shown under the Lincoln Lab column.</p> <p>The samples shall be taken at the project.</p>	-----	<p>One 10 pound sample for gradation test each mile. (Duplicate of sample tested in the field).</p>	---	---
2) Mineral Filler	Plasticity Index & Gradation	-----	<p>One sample for gradation test each 100 cubic yards or fraction thereof. The sample shall be taken at the project.</p> <p>Project personnel will supply the 10 pound sample needed to perform the testing shown under the Lincoln Lab column.</p> <p>The samples shall be taken at the project.</p>	-----	<p>One 10 pound pre-construction sample per project for gradation and plasticity index.</p>	---	---
3) Combined Materials (Sand & Filler)	Gradation & Moisture	-----	<p>One sample for gradation and moisture each 10<sup>th</sup> station or in cases of short sections Project Manager to determine sampling for compliance.</p> <p>Project personnel will supply the 10 pound sample needed to perform the testing shown under the Lincoln Lab column.</p> <p>The sample shall be taken at the project.</p>	-----	<p>One 10 pound sample for gradation test each mile (Duplicate of sample tested in the field).</p>	---	---

Minimum Material Certificate, Sample and Inspection Requirements							
MATERIAL	TYPE OF TEST	Q.C. SAMPLING AND TESTING BY CONTRACTOR	VERIFICATION SAMPLING AND TESTING BY NDOR			LOCATION OF ADDITIONAL INFORMATION	
SECTION: 5 – Cold Mix Bituminous Surfacing and Base (continued)			FIELD PERSONNEL	BRANCH LAB	LINCOLN LAB	NOTE No.	PAGE No.
4) Bituminous Aggregates (Includes Mixed in Place Bituminous Surfacing)	Quality	-----	<p>One test for moisture and aeration as soon as each design section is well mixed. Then test as necessary to control moisture and aeration.</p> <p>The sample shall be taken at the project.</p> <p>Project personnel will supply the 1 gallon sample needed to perform the testing shown under the Branch Lab column.</p>	<p>One 1-gallon sample for progressive and other tests as soon as each design section is well mixed, then one 1-gallon sample for correlation tests each 2000 feet of windrow, as laid down. (Duplicate of sample tested in the field)</p>	-----	1	1
5) Mineral Aggregates	Experimental Bituminous Mixture	-----	<p>Project personnel will supply the 60 pound sample needed to perform the testing shown under the Lincoln Lab column.</p>	-----	<p>One 60 pound sample for each mineral aggregate for mix design.</p>	4	4
6) Mineral Filler	Experimental Bituminous Mixture	-----	<p>Project personnel will supply the 40 pound sample needed to perform the testing shown under the Lincoln Lab column.</p>	-----	<p>One 40 pound sample of mineral filler for mix design.</p>	---	---