

Materials Sampling Guide

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Section 11

Compaction – Stabilized Portion of Granular Subgrade

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DATE: 08-23-00
REVISED: 01-22-04

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: 11 – Compaction Stabilized Portion of Granular Subgrade			FIELD PERSONNEL	BRANCH LAB	LINCOLN LAB	NOTE No.	PAGE No.
1) Stabilized Portion of Granular Subgrade	Moisture – Density	-----	<p>In-place moisture-density tests for each 1000 feet or less, or in cases of short sections, moisture-density tests to confirm the Project Manager's judgement of compliance with specification requirements. If tested layer is disturbed by construction operations, rain, etc. check tests shall be taken to assure compliance with specifications prior to subsequent construction.</p> <p>Project personnel will supply the samples needed to perform the testing shown under the Lincoln Lab/Branch lab columns.</p> <p>Samples to be taken in the field.</p>	<p>One 60 pound sample of the granular material and one 20 pound sample of the soil binder, or one 60 pound sample of the combined mixture shall be submitted to the Lincoln or Branch Laboratory for compaction curve data.</p>	<p>One 60 pound sample of the granular material and one 20 pound sample of the soil binder,) or one 60 pound sample of the combined mixture shall be submitted to the Lincoln or Branch Laboratory for compaction curve data.</p>	---	---
	Gradation & Quality (If Specified)	-----	<p>One sample each fifth station for gradation, or in cases of short sections, each should be represented by tests to adequately represent the material in the fill.</p> <p>Project personnel will supply the 10 pound sample needed to perform the testing shown under the Lincoln Lab/Branch Lab columns.</p> <p>Samples to be taken in the field.</p>	<p>One 10 pound sample for gradation tests each mile or fraction thereof. (Duplicate of sample tested in the field).</p> <p>This sample to be submitted to the Branch Laboratory or the Lincoln Laboratory.</p>	<p>One 10 pound sample for gradation tests each mile or fraction thereof. (Duplicate of sample tested in the field).</p> <p>This sample to be submitted to the Lincoln or Branch Laboratory.</p>	---	---
Laboratory Samples must be submitted in a canvas bag or a clean five gallon bucket with lid.							

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: 11 – Compaction Stabilized Portion of Granular Subgrade (continued)			FIELD PERSONNEL	BRANCH LAB	LINCOLN LAB	NOTE No.	PAGE No.
2) Soil Binder	Gradation & Plasticity Index	-----	<p>One sample for gradation tests each 50 cubic yards or fraction thereof. If less than 10 percent retained on the No. 200 sieve, one sample for each 200 cubic yards of fraction thereof.</p> <p>Project personnel will supply the 10 pound sample needed to perform the testing shown under the Branch Lab/Lincoln Lab column.</p> <p>Sample to be taken at the project.</p>	<p>One 10 pound sample for gradation tests(lab to run PI) each 1000 cubic yards or fraction thereof. (Duplicate of sample tested in the field).</p> <p>This sample to be submitted to the Branch Laboratory or the Lincoln Laboratory</p>	<p>One 10 pound sample for gradation tests(lab to run PI) each 1000 cubic yards, or fraction thereof. (Duplicate of sample tested in the field)</p> <p>This sample to be submitted to the Branch laboratory or the Lincoln Laboratory</p>	---	---
Laboratory Samples must be submitted in a canvas bag or a clean five gallon bucket with lid.							