

Materials Sampling Guide

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Item or Group	Minimum Material Certificate, Test and Inspection Requirements					
	Sample Required (Tests to be made at Lincoln laboratory)	Approved Products Lists	Manufacturer Certified Tests Required	Manufacturer Certification of Compliance Required	Location of Additional Information	
SECTION: 25 – Miscellaneous Materials					Note No	Page No
1) Automatic Flood Control Gates	No	No	No	Yes	18	9
2) Bar Grates	No	No	No	Yes	---	---
3) Bricks	No	No	Yes	Yes	1	1
4) Concrete Filler Block	No	No	Yes	Yes	1	1
5) Damproofing						
A) Asphalt	No	No	No	Yes	---	---
B) Asphalt Primer	No	No	No	Yes	---	---
6) Flexible Delineators	No	Yes	No	No	---	---
7) Delineators						
A) Fasteners	Yes – Five bolts, nuts and washers from each lot of 500 fasteners unless shipped from tested and approved stock.	No	No	No	1 12 22	1 7 10
B) Reflectors	Yes – Fifty reflectors from each lot or batch. No sample required if the reflectors are on the approved products list or are shipped from tested and approved stock.	Yes	No	No	1 22	1 10
C) Posts	Yes – One post of each size from each lot or batch unless shipped from tested and approved stock.	No	No	No	1 23	1 10
8) Glass Fiber Mulch	No	No	Yes	No	---	---
9) Gray Iron Castings (Cast Iron Grates, Frames, Covers, etc)	No	No	No	Yes	18	9
10) Pipe						
A) Copper	Yes – One 12 inch sample of each size	No	No	No	1	1
B) Plastic	Yes – One 24 inch sample of each size to include marking	No	No	No	1	1
C) Steel	Yes – One 12 inch sample of each size	No	No	No	1	1
D) Wrought Iron	No	No	No	Yes	1	1

Item or Group	Minimum Material Certificate, Test and Inspection Requirements					Note No	Page No
	Sample Required (Tests to be made at Lincoln laboratory)	Approved Products Lists	Manufacturer Certified Tests Required	Manufacturer Certification of Compliance Required	Location of Additional Information		
SECTION: 25 – Miscellaneous Materials (continued)							
10) Pipe (continued)							
E) Ductile Iron Pipe and Fittings	No	No	No	Yes	---	---	
11) Cold-Drawn Steel Wire	Yes – One sample four feet long from each ten tons or fraction thereof of each size of wire.	No	No	No	---	---	
12) Prestressed Steel Wire Strand	Yes – One sample twelve feet long from each reel unless sampled at the manufacturer's plant by the testing agency of another state.	No	No	No	---	---	
13) Right of Way Markers	No- Project Manager shall measure, test and report on DR Form 247 unless shipped from tested and approved stock.	No	No	No	24	10	
14) Waterstop	Yes – One sample six inches in length unless shipped from tested and approved stock.	No	No	No	---	---	
15) Wood Products							
A) Lumber	No – Unless requested by the Materials and Research Division.	No	See Note	See Note	1 25	1 11	
B) Timber	No – Unless requested by the Materials and Research Division.	No	See Note	See Note	1 25	1 11	
16) Hot Pour Sealant							
A) Concrete Surface	Yes – One sample per lot unless shipped from tested and approved stock.	No	No	No	---	---	
B) Bituminous Surface	Yes – One sample per lot unless shipped from tested and approved stock.	No	No	Yes	---	---	

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: 25 – Miscellaneous Materials (continued)			FIELD PERSONNEL	BRANCH LAB	LINCOLN LAB	NOTE No.	PAGE No.
17) Fill Material for Inertial Barrier Modules	Gradation	-----	<p>One sample for gradation tests each 100 cubic yards or fraction thereof.</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 per project for gradation. (Duplicate of sample tested in field)</p>	1	1
18) Culvert Sandfill	Quality & Gradation	-----	<p>One sample for gradation tests each 100 cubic yards or fraction thereof.</p> <p>Project personnel will supply the 10 and 60 pound samples needed to perform the testing shown under the Lincoln Lab column.</p> <p>The samples shall be taken at the project.</p>	-----	<p>One 60 pound sample for quality tests if so designated on DR FORM 324 "Source of Aggregates to be Used" or when changes in quality or characteristics occur.</p> <p>One 10 pound sample per project for gradation test (Duplicate of sample tested in field)</p>	1 4	1 4
19) Sand and Sawdust for Absorption Field	Mix Design & Permeability	-----	<p>Project personnel will supply the 60 pound sample of sand and the 20 pound sample of sawdust needed to perform the testing shown under the Lincoln Lab column.</p> <p>The samples shall be taken at the project or mixing site.</p>	-----	<p>One 60 pound sample of sand and one 20 pound sample of sawdust pre-construction samples for mix design approval.</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: 25 – Miscellaneous Materials (continued)			FIELD PERSONNEL	BRANCH LAB	LINCOLN LAB	NOTE No.	PAGE No.
20) Sand for Absorption Field	Gradation	-----	<p>A minimum of two gradation tests per 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 sample shall be taken at the project.</p>	-----	One 10 pound sample per project for gradation.	---	---
21) Sawdust for Absorption Field	Gradation	-----	<p>A minimum of two gradation tests per 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 sample shall be taken at the project.</p>	-----	One 10 pound sample per project for gradation.	---	---
22) Combined Sand/ Sawdust for Absorption Field	Permeability	-----	<p>Project personnel will supply the 60 pound sample needed to perform the testing shown under the Lincoln Lab column.</p> <p>The sample shall be taken at the project.</p>	-----	One 60 pound construction sample for permeability test.	---	---