

TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & <i>Number</i>	REPORT <b>SM</b> Report	SIZE OF SAMPLE	GUIDE FREQUENCY		LOCATION OR TIME OF SAMPLING	REMARKS	
					ACCEPTANCE	QUALITY ASSURANCE			
<b>700</b>									
GRASSING	Seed	Purity, Germination & Noxious Weed Content <b>Tested by Agriculture Dept.</b>	<b>Certification</b>	Crown-vetch ½ pt Grains: 1 qt. Others: 1 qt.	Acceptance based on analysis tag attached to each bag; 1 sample per Lot if test date more than 9 months old		Enough in advance so that results are known before use		
	Agriculture Lime		<b>Certification</b>	1 lb.	Pre-inspected with Department of Agriculture Stamp			See GSP-12	
	Fertilizer		<b>Certification</b>	1 lb.	Pre-inspected with Department of Agriculture Stamp				
	Mulch	Moisture Content <b>GDT-41</b>	Certification		Acceptance based on Project				
	Asphalt Emulsion	Specification Requirements <b>T59</b>	<b>Certification</b>	(2) 1 pt.	QPL-7 & Visual Inspection		Before application		
	Inoculants		<b>Certification</b>		Acceptance based on Project Inspection by Engineer*			*Check for evidence of excessive heat	
	Bermuda Sprigs		<b>Certification</b>		Acceptance based on Project Inspection				
	Sod		<b>Certification</b>		Acceptance based on Project Inspection				
	Bags for Sod		<b>Certification</b>		Acceptance based on Project Inspection				
	Plant Topsoil	Organic Content	Gradation <b>GDT-4</b>	DOT-408		Approved by Office of Materials & Research; 1 per proposed Source			
		Soil							
	Wood Fiber Mulch	Moisture Content <b>GDT-41</b>	pH	Certification		QPL-25			
		Tackifiers							
	Other Materials	Certification from Dept. of Agriculture		<b>Certification</b>					
<b>702</b>									
VINE, SHRUB & TREE PLANTING	Vines, Shrubs, Trees		<b>Certification</b>		Pre-inspected by Department of Agriculture				
	Fertilizer		<b>Certification</b>	1 lb.	Pre-inspected with Department of Agriculture Stamp				

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	Agriculture Lime		<b>Certification</b>	1 lb.	Pre-inspected with Department of Agriculture Stamp			
	Plant Topsoil	Organic Content	DOT-408					
		Gradation <b>GDT-4</b>						
	Mulch	Moisture Content <b>GDT-41</b>	Certification					
	Other Materials	Certification from Dept. of Agriculture	<b>Certification</b>					
<b>703</b>								
TREE WELLS, TREE WALLS & ROOT PROTECTION	Portland Cement	Air Content <b>T137</b>	DOT-175					
		Fineness <b>M85</b>						
		Autoclave <b>M85</b>						
		Compressive Strength <b>M85</b>						
		Vicat <b>T131</b>						
		Chemical <b>M85</b>						
	Fine Aggregate	Gradation <b>T27</b>	DOT-658	20 lb.	One per 500 tons based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-1 Sources, 1 per month, per active plant, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D Sources.		
		Sand Equivalent <b>GDT-63</b>						
	Masonry Stone	Percent Wear <b>T96</b>	DOT-658	100 lbs.	One per Project	Stock		
		Soundness <b>T104</b>						
		Appearance			Visual Inspection			
		Dimensions						
		Abrasion <b>T96</b>						
	Clay Pipe	Bearing Strength <b>ASTM C700</b>	Misc. DOT- <b>164A</b> <b>Certification</b>					
		Absorption <b>ASTM C700</b>						
		Dimensions						
		Glaze <b>ASTM C700</b>						
		Blisters <b>ASTM C700</b>						
		Cracks <b>ASTM C700</b>						
		Perforations <b>ASTM C700</b>						
Fittings <b>ASTM C700</b>								
Porous	Gradation <b>T27</b>	DOT-658						

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					ACCEPTANCE	QUALITY ASSURANCE			
	Material	Appearance							
<b>705</b>									
TRANSPLANTING TREES	Plant Topsoil	Organic Content	DOT-408						
		Gradation <b>GDT-4</b>							
	Mulch	Moisture Content <b>GDT-41</b>	Certification						
	Other Materials	Certification from Department of Agriculture	<b>Certification</b>						
<b>706</b>									
TURF ESTABLISHMENT	Seed	Purity, Germination & Noxious Weed Content <b>Tested by Agriculture Dept.</b>	<b>Certification</b>	Crown-vetch ½ pt Grains: 1 qt. Others: 1 pt.	Acceptance based on analysis tag attached to each bag; 1 sample per Lot if test date more than 9 months old		Enough in advance so that results are known before use		
	Agriculture Lime		<b>Certification</b>	1 lb.	Pre-inspected with Department of Agriculture Stamp			See GSP-12	
	Fertilizer		<b>Certification</b>	1 lb.	Pre-inspected with Department of Agriculture Stamp				
	Mulch	Moisture Content <b>GDT-41</b>	<b>Certification</b>		Acceptance based on Project				
	Asphalt Emulsion	Specification Requirements <b>T59</b>	<b>Certification</b>	1 gal plastic	QPL-7 & Visual Inspection		Before application		
	Inoculants		<b>Certification</b>		Acceptance based on Project Inspection by Engineer*			*Check for evidence of excessive heat	
	Bermuda Sprigs		<b>Certification</b>		Acceptance based on Project Inspection				
	Sod		<b>Certification</b>		Acceptance based on Project Inspection				
	Bags for Sod		<b>Certification</b>		Acceptance based on Project Inspection				
	Plant Topsoil	Organic Content	DOT-408			Approved by Office of Materials & Research; 1 per proposed Source			
		Gradation <b>GDT-4</b>							
	Soil	Soil Fertility <b>GDT-77</b>	<b>Certification</b>	1 qt.	Notify Lab Test Supervisor II			See GSP-18 for sampling frequency	
	Wood Fiber Mulch	Moisture Content <b>GDT-41</b>	<b>Certification</b>			QPL-25			
		pH							
Tackifiers		Certification			QPL-33				

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	Other Materials	Certification from Department of Agriculture	<b>Certification</b>					
<b>708</b>								
PLANT TOPSOIL	Plant Topsoil	Organic Content	DOT-408	30 lbs.	Approved by Office of Materials & Research; 1 per proposed Source			Approval prior to use
		Gradation <b>GDT-4</b>						
<b>710</b>								
PERMANENT SOIL REINFORCEMENT MAT	Preformed Mat	Ultraviolet Stability <b>ASTM D822</b>	Certification		QPL-49			
		Thickness						
		Weight						
		Width						
		Tensile Strength <b>ASTM D5034</b>						
	Wood Stakes	<b>As Specified</b>			Visual Inspection			
	<b>Grassing</b>							
	Seed	Purity, Germination & Noxious Weed Content <b>Tested by Agriculture Dept.</b>	<b>Certification</b>	Crown-vetch 1/2 pt. Grains: 1 qt. Others: 1 pt.	Acceptance based on analysis tag attached to each bag; 1 sample per Lot if test date more than 9 months old.		Enough in advance so that results are known before use	
	Agriculture Lime		<b>Certification</b>	1 lb.	Pre-inspected with Department of Agriculture Stamp			See GSP-12
	Fertilizer		<b>Certification</b>	1 lb.	Pre-inspected with Department of Agriculture Stamp			
	Mulch	Moisture Content <b>GDT-41</b>	Certification		Acceptance based on Project			
	Asphalt Emulsion	Specification Requirements <b>T59</b>	<b>Certification</b>	1 gal plastic	QPL-7 & Visual Inspection		Before application	
	Inoculants		<b>Certification</b>		Acceptance based on Project Inspection by Engineer*			*Check for evidence of excessive heat
	Bermuda Sprigs		<b>Certification</b>		Acceptance based on Project Inspection			
	Sod		<b>Certification</b>		Acceptance based on Project Inspection			
	Bags for Sod		<b>Certification</b>		Acceptance based on Project Inspection			
	Plant Topsoil	Organic Content	DOT-408		Approved by Office of Materials & Research; 1 per proposed Source			
		Gradation <b>GDT-4</b>						

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					ACCEPTANCE	QUALITY ASSURANCE		
	Soil	Soil Fertility <b>GDT-77</b>	<b>Certification</b>	1 qt.	Notify Lab Test Supervisor II			See GSP-18 for sampling frequency
	Wood Fiber Mulch	Moisture Content <b>GDT-41</b> pH	Certification		QPL-25			
	Tackifiers		Certification		QPL-33			
	Other Materials	Certification from Dept. of Agriculture	<b>Certification</b>					
	Plastic Filter Fabric - Woven	Tensile Strength <b>ASTM D4632</b>	Certification		QPL-28			
		Bursting Strength <b>ASTM D3786</b>						
		Elongation <b>ASTM D4632</b>						
		Percent Open Area <b>GDT-88</b>						
	Plastic Filter Fabric – Non-Woven	Puncture Resistance <b>ASTM D4833</b>	Certification		QPL-28			
		Grab Tensile Strength <b>ASTM D4632</b>						
		Grab Elongation <b>ASTM D4632</b>						
		Flowrate <b>GDT-87</b>						

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ORGANIC MATERIAL FIBER BLANKET	Straw Blanket	Width	Certification		QPL-62				
		Weight							
		Thickness							
		Mesh Size							
	Excelsior Blanket	Width	Certification		QPL. 62		Stock		
		Weight							
		Thickness							
		Mesh Size							
	Coconut Fiber Blanket	Width	Certification		QPL-62				
		Weight							
		Thickness							
		Mesh Size							
	Wood Fiber Blanket	Width	Certification		QPL-62				
		Weight							
		Mesh Size							
	Anchoring Staples	<b>As Specified</b>				Acceptance based on Project Inspection			

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					ACCEPTANCE	QUALITY ASSURANCE			
JUTE MESH EROSION CONTROL	Jute Mat	Width	Certification		Contractor Certification & Visual Inspection		Stock		
		Weight							
		Thread Count							
	Anchoring Staples	<b>As Specified</b>			Acceptance based on Project Inspection				
<b>715</b>									
BITUMINOUS TREATED ROVING	Fiber Material	Specification Requirements <b>T59</b>	DOT-325M	1 gal plastic	QPL-24	One per Project	Distributor		
	Asphalt Emulsion				QPL-7				
<b>716</b>									
EROSION CONTROL MATS	Straw Blanket	Width	Certification		QPL-62				
		Weight							
		Thickness							
		Mesh Size							
	Excelsior Blanket	Width	Certification			QPL-62			
		Weight							
		Thickness							
		Mesh Size							
	Coconut Fiber Blanket	Width	Certification			QPL-62			
		Weight							
		Thickness							
		Mesh Size							
	Wood Fiber Blanket	Width	Certification			QPL-62			
		Weight							
		Mesh Size							
Jute Mat	Width	Certification			Contractor Certification & Visual Inspection		Stock		
	Weight								
	Thread Count								
<b>718</b>									
WOOD FIBER	Wood Fiber Mulch	Moisture Content <b>GDT-41</b>	Certification		QPL-25				
		pH							
<b>819</b>									
FIBER STABILIZING ADDITIVES	Cellulose Fibers	Fiber Length	Certification		QPL-77				
		Sieve Analysis							
		Ash Content							
		pH							
		Oil Absorption							
		Degradation <b>GDT-124</b>							

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	Mineral Fibers	Drain Down Charact. GDT 127	Certification		QPL-77			
		Moisture Content						
		Size Analysis						
		Shot Content <b>ASTM C612, GDT-130</b>						
		Wet Elutriation						
		Drain Down Charact. GDT 127						
		Degradation <b>GDT-124</b>						
<b>833</b>								
JOINT FILLERS & SEALERS	Preformed Joint Filler	<b>M153 or M213</b>	Certification		QPL-20			
	Hot Pour Joint Sealers	Penetration <b>GDT-62</b>	Certification	8 lb. kit	Pre-inspected by Central Lab; 1 sample per shipment		Stock	
		Flow <b>GDT-62</b>						
		Resilience <b>GDT-62</b>						
		Bond <b>GDT-62</b>						
		Compatibility <b>GDT-62</b>						
	Elastomeric Polymer Type Joint Compound	Cone Penetration <b>GDT-15</b>	Certification	1 kit	Pre-inspected by Central Lab; 1 sample per shipment		Stock	
		Solubility <b>GDT-15</b>						
		Resilience <b>GDT-15</b>						
		Flow <b>GDT-15</b>						
		Bond <b>GDT-15</b>						
	Preformed Elastic Joint Sealer	Tensile Strength <b>ASTM D412</b>	Certification	36 in.	Pre-inspected by Central Lab; 1 sample per shipment		Stock	
		Elongation at Break <b>ASTM D412</b>						
		Hardness <b>ASTM D2240</b>						
		Oven Aging <b>ASTM D573</b>						
		Oil Swell <b>ASTM D471</b>						
		Ozone Resistance <b>ASTM D1149</b>						
		Joint Sealer Recovery <b>GDT-47</b>						
	Compression/Deflection <b>GDT-70</b>							
	Water-Blown Urethane Joint Filler	<b>Specification 833.05</b>	Certification		Certified Mill Test Report			
	Silicone Sealant	Tensile Stress <b>ASTM 412</b>	Certification		QPL-66 or 1 sample per batch, per Type		Stock	
		Hardness <b>ASTM D2240</b>						
		Bond <b>GDT-106</b>						

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		Tack Free Time <b>GDT-106</b>						
		Extrusion <b>GDT-106</b>						
		Non-Volatile <b>GDT-106</b>						
		Specific Gravity <b>ASTM D792</b>						
		Adhesion <b>GDT-106</b>						
		Resistance <b>ASTM C793</b>						
	Bond Breakers - Rods	Density <b>ASTM D1622</b>	Certification	6 ft	Pre-inspected by Central Lab & Certified Mill Test Report; 1 sample per shipment		Stock	
		Tensile Strength <b>ASTM D1623</b>						
		Water Absorption <b>ASTM C1061</b>						
	Bond Breakers - Tape	Thickness	Certification		Certified Mill Test Report			
	Neoprene for Bridge Deck Joint Seal	<b>Specification 833.07</b>	Certification		Certified Mill Test Report			
	Ethylene Propylene Diene Monomer for Bridge Deck Joint Seals	<b>Specification 833.08</b>	Certification		Certified Mill Test Report			
	Polyurethane Sealant for Inductive Loops	Hardness <b>ASTM D2240</b>	Certification		QPL-75			
Tensile Strength <b>ASTM D412</b>								
Elongation <b>ASTM D412</b>								
Flexibility								
	Weather Resistance <b>ASTM D822</b>							
Preformed Foam Joint Filler	<b>Specification 833.2.10</b>	Certification		QPL-20				
<b>883</b>								
MINERAL FILLER		Sieve Analysis <b>T11, T27 &amp; GDT 22</b>	Certification		QPL-81			
<b>886</b>								
EPOXY RESIN ADHESIVES	Epoxy Adhesives	Pot Life <b>GDT-58</b>	Certification	1 kit	QPL-15 <u>or</u> one sample per batch, per Type		Stock	
		Elongation <b>GDT-58</b>						
		Bond Strength <b>GDT-58</b>						

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		Hardness <i>ASTM D2240</i>						
		Sag Test <i>T237</i>						
		Wet Bond Test <i>T237</i>						