					GUIDE FRI	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
400								
HOT MIX ASPHALTIC CONCRETE	Asphalt Cement	DSR T-315	DOT-504	(2) 1 pt.	QPL-7	As per GSP-21	Storage Tank	
00.10.1.2.2	Coarse	Wash 200 T11						
	Aggregate for Asphaltic Concrete	Gradation 727	DOT-658	45 lbs.	QPL-2	As necessary	Stockpile	
	Fine Aggregate	Gradation T11 & T27						
	for Asphaltic	Clay Lumps <i>T112</i>						
	Concrete	Sand Equivalent <i>GDT-63</i>	DOT-658	20 lbs.	QPL-1	As necessary	Stockpile	
		•						
		Mica Content						
	Mineral Filler	Gradation <i>T11 & T27</i>	DOT-168	10 lbs.	QPL-81	One per 500 tons, per Type, per Source	Silo	
	In-Place Material	Thickness Measurement <i>GDT42 Method B</i>	DOT-176		One per 1,000 ft, per 2 lanes	Observe 1 per 3 miles, per 2 lanes	Completed Course	
	Hydrated Lime	Physical & Chemical Analysis <i>M303</i>					*Air-tight container	
		Gradation T219		1 qt.*	QPL-41 One p	One per Quarter	Silo or Tanker	
		Chemical T219		•				As required by SOP-17
	Release Agent	Slide & Soak Test <i>GDT-113</i>		1 qt.	QPL-39	One per Quarter	Nozzle of Delivery System	
	Complete Mixture	Extractions <i>T11</i> , <i>GDT-38</i> , <i>GDT73</i> , <i>GDT-83</i> or <i>GDT-125</i> , <i>T-30</i>	DOT-387	Varies per Mix Type	Minimum 1 per 500 tons	Two QA samples per 5 days production or 5 lots; 1 comparison sample per 10 days	Truck or Roadway	AASHTO T308 (Method A)
		Stripping Test <i>GDT-56</i>		300 g	One per Extraction (Open-Graded Mixes only)		Same as Extraction	For all Asphaltic Concrete "OGFC" & other Mixes where the additive is incorporated at the plant, test at frequency of 1 per Extraction

Compaction GDT-39, GDT-59, or GDT-73	DOT-386	Core	≥ 500 tons 5 per lot . < 500 tons 1 per 100 tons.	After Compaction	Small quantities may be accepted with less compaction tests
					*Each test consists of 3 readings when Nuclear Gauge is used to determine Density
Smoothness GDT-126	DOT-656		per 1 mile		

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
402								
HOT MIX RECYCLED ASPHALTIC	Asphalt Cement	DSR-T-315	DOT-504	(2) 1 pt.	QPL-7	As per GSP-21	Storage Tank	
CONCRETE	Coarse	Wash 200 T11						
	Aggregate for Asphaltic Concrete	Gradation 727	DOT-658	45 lbs.	QPL-2	As necessary	Stockpile	
	Fine Aggregate	Gradation T11 & T27						
	for Asphaltic Concrete	Clay Lumps T112						
		Sand Equivalent GDT-63	DOT-658	20 lbs.	QPL-1	As necessary Stockpile		
		Mica Content						
	Mineral Filler	Gradation <i>T11 & T27</i>	DOT-168	10 lbs.	QPL-81	One per 500 tons, per Type, per Source	Silo	
	In-Place Material	Thickness Measurement GDT42 Method B	DOT-176		One per 1,000 ft, per 2 lanes	Observe 1 per 3 miles, per 2 lanes	Completed Course	
	Hydrated Lime	Physical & Chemical Analysis <i>M</i> 303						*Air-tight container
		Gradation T219		1 qt.*	QPL-41	One per Quarter	Silo or Tanker	As required by COD 17
		Chemical T219						As required by SOP-17
	Releasing Agent	Slide & Soak Test <i>GDT-113</i>		1 qt.	QPL-39	One per Quarter	Nozzle of Delivery System	
	Complete Recycled Mixture	Extractions T11, GDT-38, GDT73, GDT-83 or GDT-125, T- 30	DOT-387	Varies per Mix Type	Minimum 1 per 500 tons	Two QA samples per 5 days production or 5 lots; 1 comparison sample per 10 days	Truck or Roadway	AASHTO T308 (Method A)

	Abson Recovery <i>GDT-119</i>			1 per week, ≥ 20% RAP		As required by GSP 21
	Compaction GDT-39, GDT-59, or GDT-73	DOT-386	Core	≥ 500 tons 5 per lot . < 500 tons 1 per 100 tons.	After Compaction	Small quantities may be accepted with less compaction tests
						*Each test consists of 3 readings when Nuclear Gauge is used to determine Density
	Smoothness GDT-126	DOT 656	per 1 mile			
403						

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & <i>Number</i>	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
HOT IN-PLACE RECYCLED ASPHALTIC CONCRETE	Asphalt Cement Rejuvenation Agent	ASTM D4552			Supplier Certification			
	Asphalt Cement	DSR-T-315	DOT-504	(2) 1 pt.	QPL-7	One per 75,000 gal., per Source	Before mixing	
	Hot Mix Asphalt	c Concrete produced at asphalt	lant (if incorpo	rated)		L		
	Asphalt Cement	DSR-T-315	DOT-504	(2) 1 pt.	QPL-7	As per GSP-21	Storage Tank	
	Coarse Aggregate for Asphaltic Concrete	Wash 200 T11	DOT-658	[
		Gradation 727		45 lbs.	QPL-2	As necessary	Stockpile	
	Fine Aggregate	Gradation T11 & T27						
	for Asphaltic Concrete	Clay Lumps <i>T112</i>						
	Control	Sand Equivalent <i>GDT-63</i>	DOT-658	20 lbs.	QPL-1	As necessary	Stockpile	
		Mica Content						
	Mineral Filler	Gradation T11 & T27	DOT-168	10 lbs.	QPL-81	One per 500 tons, per Type, per Source	Silo	
	In-Place Material	Thickness Measurement <i>GDT42 Method B</i>	DOT-176		One per 1,000 ft, per 2 lanes		Completed Course	

Hydrated Lime	Physical & Chemical Analysis M303 Gradation T219 Chemical T219		1 qt.*	QPL-41	One per Quarter	Silo or Tanker	*Air-tight container As required by SOP-17
Complete Mixture	Extractions <i>T11,GDT-38, GDT73, GDT-83 or GDT-125, T30</i>	DOT-387	Varies per Mix Type	Minimum 1 per 500 tons	Two QA samples per 5 days production or 5 lots; 1 comparison sample per 10 days	Truck or Roadway	AASHTO T308 (Method A)
	Stripping Test <i>GDT-56</i>		300 g	One per Extraction (Open-Graded Mixes only)		Same as Extraction	For all Asphaltic Concrete "OGFC" & other Mixes where the additive is incorporated at the plant, test at frequency of 1 per Extraction
Aggregate	Gradation 727						
	Wash 200 T11	DOT-658	35 lbs.	QPL-1 or QPL-2	As Needed		

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Complete Hot in Place Recycled Mix	Extractions T11, GDT-38, GDT73, GDT-83 or GDT-125	DOT-387	Varies per Mix Type	Minimum 1 per 500 tons	Two QA samples per 5 days production or 5 lots; 1 comparison sample per 10 days	Truck or Roadway	AASHTO T308 (Method A)
		Compaction GDT-39, GDT-59, or GDT-73	DOT-382	Core	≥ 500 tons 5 per lot . < 500 tons 1 per 100 tons.		After Compaction	Small quantities may be accepted with less. Compaction tests *Each test consists of 3 readings when Nuclear Gauge is used to determine Density
		Smoothness GDT-126	DOT 656	per 1 mile				
		Density, Stability & Flow <i>T245</i>	DOT-658		L		One per day from	
		Maximum Theoretical Gravity T209					Roadway	

I	İ	Extractions GDT-38 & GDT-83		1			İ	
		Extractions GD1-38 & GD1-63						
		December 740						
		Penetration T49						
		Percent Voids 7269						
405								
HOT ASPHALTIC VULCANIZED RUBBER SEAL	Asphalt Cement	DSR-T-315	DOT-504M	1 qt.	QPL-7	One per 5 days of production	Distributor (before application)	
	Vulcanized Rubber				Certified Mill Test Report	-		
	Coarse	Wash 200 T11						
	Aggregate	Gradation 727	DOT-658	45 lbs.	QPL-2		Stockpile	
412								
BITUMINOUS PRIME	Cutback Asphalt	Viscosity T201	DOT-503	1 qt.	QPL-7	one per project	Distributor	
	Cutback Asphalt Emulsion	Viscosity 772	DOT-503	1 qt.	QPL-7 & Visual Inspection	one per project	Distributor	
413	L							
BITUMINOUS TACK COAT	Asphalt Cement	DSR-T-315	DOT-504M	(2) 1 pt.	QPL-7	One per 7 days of placement SR. Two per 7 days placement Interstate.	Distributor (before application)	
		GDT-57		6-inch core				as required

					GUIDE FR	REQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Emulsified Asphalt	Viscosity 759 Sieve Test 759 Residue by Distillation 759 (at Bituminous Branch's discretion)	DOT-325M	1 gal plastic	QPL-7	One per 7 days of placement	Distributor (before application)	
		GDT-57]	6-inch core				as required
414								
HOT ASPHALT RUBBER SEAL FOR STRESS	Asphalt Cement	DSR-T-315			QPL-7 & Visual Inspection			
RELIEF	Ground Tire Rubber		DOT-658		Certified Mill Test Report			
	Coarse	Wash 200 T11	DOT-658	45 lbs.	QPL-2	As necessary	Stockpile	

	Aggregate	Gradation 727]					
424			'	'	1		,	
BITUMINOUS SURFACE TREATMENT	Asphalt Cement	DSR-T-315	DOT-504M	(2) 1 pt.	QPL-7	1 per project	Distributor	
	Emulsified Asphalt	Viscosity T59 penetration residue sieve	DOT-325M	(2) 1 gal. plastic	QPL-7	1 per project	Distributor	
	Coarse Aggregate	Gradation 727			QPL-2, Sections A, B & C	One per size, per Project	Stockpile	
		Minus No.200 Material <i>T11</i>	DOT-658	45 lbs.	One per 500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.			
427								
EMULSIFIED ASPHALT SLURRY SEAL	Emulsified Asphalt	Viscosity 759	DOT-503	1 gal.*	QPL-7	One per Project	Storage Tank	*non-metal container
SEAL	Hydrated Lime	Physical & Chemical Analysis M303						
		Gradation T219		1 qt.*	QPL-41	One per Project		*Air-tight container
		Chemical T219						
	Portland Cement	Physical & Chemical Analysis M85						
		Air Content M85	1					
		Fineness <i>M85</i>	DOT-175	20 lbs.	QPL-3	One per Project		
		Autoclave M85						
		Compressive Strength M85	1					
		Vicat 7131	cat <i>T131</i>					

					GUIDE FREQUENCY			
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Chemical M85						
	Fine Aggregate	Gradation 727	DOT-658	20 lbs.			Stockpile	

		Wash 200 T11			One per 1,500 tons based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-1 Sources, 1 per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D.		
	Water	Physical & Chemical Analysis 726	DOT-088	1 qt.*	One per unpotable Source		Enough in advance so results are known before use	*non-metal container
	In-Place Material	Extraction GDT-38, GDT-83 or GDT-125, T30		1 gal.	One per week, per truck		From Distributor	AASHTO T308 (Method A)
428								
MICRO- SURFACING	Emulsified Asphalt	Viscosity T59	DOT 325	1 gal.*	QPL-7	One per Project	Before mixing	*non-metal container
	Diluted Emulsion Tack	Residue by Evaporation 759	DOT 325	1 gal.*	One per 5 days of production		Distributor	*non-metal container
	Hydrated Lime	Physical & Chemical Analysis M216	DOT 325	1 qt.*	QPL-41	One per Project		*Air-tight container
	Portland Cement	Physical & Chemical Analysis M85		20 lbs.	QPL-3	One per Project		
	Aggregate	Moisture Content GDT-40		2000 g		One per 5 days of production	Stockpile	
		Gradation 727						
		Minimum No. 200 <i>T11</i>				QPL-2 Sources, as		
		Sand Equivalent GDT-63			One per 500 tons	needed, except for		
		Sand Equivalent GDT-05	DOT-658	20 lbs.	based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.	Stockpile	
	In-Place	Extraction GDT-125		Minimum:		Two per 1 day of		
	Material	Gradation GDT-3, T30		2000 g		production	Paver	
430								
PORTLAND CEMENT CONCRETE	Concrete	Compressive Strength <i>GDT-35</i> & <i>T22</i>	DOT-319 Site Manager	6" X 12" or 4" X 8" cylinders	Divide lot into 3 equal sub lots make 3 (4) cylinders for each sub lot. Lot = 5,334 yd2		During placement operations at Roadway	

					GUIDE FR	REQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
PAVEMENT		Air Content GDT-26			Air, Slump & mix temp. when cylinders			Minimum of 3 per day by Contractor
		Slump GDT-27			are made & as necessary for control			Minimum of 3 per day by Contractor
		Mix Temperature GDT-122	_					
		Thickness GDT-31	DOT-176	4" core or Echo Meter	As per Section 430.3.06 H of the Specifications and GDT 73 of the STI.		Roadway	
	Portland	Air Content T137						
	Cement	Fineness <i>M85</i>	1					
		Autoclave M85	1			One per 2,000 tons,		
		Compressive Strength M85	DOT-175	10 lbs.	QPL-3	per Source	Jobsite storage	
		Vicat T131	1					
		Chemical <i>M85</i>	1					
P	Portland	Air Content 7137						
	Pozzolan Cement	Fineness M240	1					
	<u> </u>	Autoclave M240	DOT-175			One per 2,000 tons,		
		Compressive Strength M240		10 lbs.	QPL-3	per Source	Jobsite storage Jobsite storage Jobsite storage	
		Vicat T131						
		Chemical M240	1					
	Curing Agent	Specifications for Liquid Membrane Curing M148	DOT-168	1 qt.	QPL-16 or preinspection by Central Lab Personnel		Jobsite storage	As required by SOP-17
		Paper Mats, Plastic Specifications		1 yd²	Pre-inspected by Central Lab Personnel			
	Air- Entrainment Admixtures	Air-Entraining Admixtures for Concrete M154	DOT-175	1 qt.	QPL 13	1 per 7 production days, per source		Jobsite storage
	Chemical Admixtures	chemical admixtures for Concrete M194	DOT-175	1 qt.	QPL 14	1 per 7 production days, per source		Jobsite storage
	Fly Ash	Fineness M295						
		Activity M295	DOT 475	40 11-	ODI 00	One per 2,000 tons,	Lab a Standard	
		Soundness M295	DOT-175	10 lbs.	QPL-30	one per 2,000 tons, per Source	S, Jobsite storage	
		Density M295	1					
1	Į.	1	_	I	Ī	ı	ı	

		Chemical <i>M295</i>						
Ī	Slag	Fineness <i>M302</i>						
		Activity M302	DOT 475	40 11-	ODI 00	One per 2,000 tons,	Table Management	
		Air Content M302	DOT-175	10 lbs.	QPL-30	per Source	Jobsite storage	
		Density M302						

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Chemical M302						
	Steel Bars for	Number <i>M31M</i>						
	Reinforcement	Weight M31M	1					
		Dimensions M31M	1					
		Deformation Spacing M31M	1					
		Height & Gap M31M	DOT 400	1 pc @ 24"	QPL-12 & QPL-61	Random sampling at	Supplier, Fabricator or	
		Tensile Strength T244	DOT-166	per size	w/Certified Mill Test Reports.	Fabricator	at Supplier, Fabricator or Jobsite storage Jobsite storage and/or producer stock	
		Yield Strength T244	1					
		Elongation T244]					
		Bend Test T285]					
		Chemical M31M						
	Reinforcement	Size M32M		1 pc @ 24" per size/dia	Certified Mill Test Report Random samp			
	Reinforcement	Diameter M32M						
		Area <i>M32M</i>	1					
		Tensile Strength T244	Certification			Random sampling		
		Yield Strength T244		per size/dia	Report			
		Area Reduction T244						
		Bend Test M32M						
	Welded Steel	Size <i>M55M</i>						
	Wire Fabric for Reinforcement	Diameter <i>M55M</i>						
		Area <i>M55M</i>	1					
	T Y A	Tensile Strength T244		01.74.01	QPL-55 w/Certified	Dandan and "	Jobsite storage and/or	
		Yield Strength T244	Certification	2' X 2'	Mill Test Report	Random sampling	producer stock	
		Area Reduction T244						
		Bend Test <i>M55M</i>						
		Weld Shear Strength M55M						

	Width M55M					
	Length M55M					
	Spacing <i>M55M</i>					
Dowel Bars	Number M31M					
	Weight M31M					
	Dimensions M31M				-	
L	Height & Gap <i>M31M</i> *					
	Tensile Strength T244		3 ncs @ 18"	QPL-43 w/Certified	Jobsite storage, prior to	
	Yield Strength T244	DOT-166A	3 pcs. @ 18" long per size	Mill Test Report	use	*N/A for Plain Dowel Bars
	Elongation T244				-	
	Bend Test T285				-	
	Chemical <i>M31M</i>				-	
	Coating 853.08				-	
Tie Bars	Number <i>M31M</i>	DOT-166	3 pcs. @ 30"	QPL-12 & QPL 61	 Jobsite storage, prior to	

					GUIDE FR	REQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Weight M31M		long per size			use	
		Dimensions M31M]					
		Deformation Spacing M31M						
		Height & Gap M31M*						
		Tensile Strength T244						
		Yield Strength T244						
		Elongation T244						
		Chemical M31M						
	Dowel Bars & Tie Bars Baskets	As Specified	DOT-166A	6 bars in basket assembly	One per Project	One per Project	Jobsite storage, prior to use	
	Multi-Piece tie Bars	As Specified	DOT- 166	Complete Assembly*	As per Section 430.2.E of the Specifications	One per Project	Jobsite storage, prior to use	*2 pieces of deformed reinforcing steel (3' long each) with coupler assembled
	Coarse	Gradation 727	DOT-658	45 lbs.			Belt & Stockpile	

Aggregate	Wash 200 T11			One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 Sources, 1 per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D Sources.			
Fine Aggregate	Gradation T27							
	Minus No. 200 <i>T11</i>				QPL-1 Sources, 1	Polt & Stockrillo		
	Sand Equivalent <i>GDT-63</i>	DOT-658	20 lbs.	One per 1,500 tons based upon QPL-1, except for Section D, Stockpile Basis, Sources. Material from Section D must be sampled.	per 20,000 tons, except for Section D, Stockpile Basis, Sources. The Department will perform acceptance tests on materials delivered from Section D Sources.	Belt & Stockpile		
Silicone	Tensile Stress ASTM D412							
Sealant	Durometer ASTM D2240							
	Bond <i>GDT-106</i>	507.00		QPL-66 or 1 sample				
	Tack Free Time GDT-106	DOT-168		per batch, per Type				
	Extrusion GDT-106	-						
	Non-Volatile <i>GDT-106</i>	1						

					GUIDE FRI	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Specific Gravity ASTM D792						
		Adhesion GDT-106						
		Resistance ASTM C793						
	Bond Breakers	Density ASTM D1622	DOT-168		B ·			
	-Rods	Tensile Strength ASTM D1623			Pre-inspected by Central Lab & Certified Mill Test		Ctools	
		Water Absorption ASTM C1061		6 ft	Report; 1 sample per		Stock	
	Water Absorption AS				shipment			

	Bond Breakers -Tape	Thickness	DOT-168		Certified Mill Test Report			
	Ероху	Pot Life <i>GDT-58</i>						
	Adhesive	Bond Strength GDT-58			QPL-15 <u>or</u> 1 sample			
		Shelf Life	DOT-168	1 kit	per batch, per Type			
		Condition						
	Water	Quality of Water to be Used in Concrete 726	DOT-088	1 qt.*	One per unpotable Source, per month		Prior to use	*non-metal container
433								
REINFORCED CONCRETE APPROACH	Concrete	Compressive Strength <i>GDT-35</i> & <i>T22</i>			One set of 50 yd ³ daily for each structure		Placement site	
SLABS		Air Content GDT-26	DOT-319 Site Manager		Air, slump & mix		Placement site	
		Slump GDT-27			temp. when cyls. Are made & as judge			
		Mix Temperature <i>GDT-122</i>			necessary to insure adequate control			
	Portland	Air Content T137						
	Cement	Fineness <i>M85</i>			- QPL-3			
		Autoclave M85						
		Compressive Strength M85	DOT-175			² L-3		
		Vicat 7131						
		Chemical M85						
	Portland	Air Content T137						
	Pozzolan Cement	Fineness M240						
		Autoclave M240	DOT 175			N. 0		
		Compressive Strength M240	DOT-175		T QF	PL-3		
		Vicat 7131						
		Chemical M240						
	Fine Aggregate	Gradation 727	DOT-658		One per 1,500 tons	QPL-1 Sources, 1		

					GUIDE FREQUENCY			
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS

	Sand Equivalent <i>GDT-63</i>			based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D Sources.		
Coarse	Wash 200 T11						
Aggregate	Gradation 727	DOT-658		One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 Sources, 1 per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D Sources.		
Steel Bars for	Number <i>M31M</i>						
Reinforcement	Weight M31M						
	Dimensions M31M						
	Deformation Spacing M31M	DOT-166	1 pc @ 24" per size				
	Height & Gap M31M			QPL-12 & QPL-61 w/Certified Mill Test Reports.	Random sampling at		
	Tensile Strength T244				Fabricator		
	Yield Strength T244						
	Elongation T244						
	Bend Test T285						
	Chemical <i>M31M</i>	7					
Fly Ash	Fineness M295						
	Activity M295	7					
	Soundness M295	DOT-175	10 lbs.	QPL-30			
	Density M295						
	Chemical M295						
Slag	Fineness M302						
	Activity M302						
	Air Content M302	DOT-175	10 lbs.	QPL-30			
	Density M302						
	Chemical M302	+					

	Silicone Sealant	Tensile Stress ASTM D412					
		Durometer ASTM D2240	Misc. DOT168	l Q	QPL-66 <u>or</u> 1 sample per batch, per Type		
		Bond <i>GDT-106</i>	201100		per baten, per Type		

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & <i>Number</i>	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Tack Free Time GDT-106						
		Extrusion GDT-106	1					
		Non-Volatile GDT-106						
		Specific Gravity ASTM D792						
		Adhesion GDT-106	-					
		Resistance ASTM C793	=					
	Bond Breakers	Density ASTM D1622						
	–Rods	Tensile Strength ASTM D1623	Misc. DOT 168	6 ft	Pre-inspected by Central Lab & Certified Mill Test		Stock	
		Water Absorption ASTM C1061	DO1100		Report; 1 sample per shipment			
	Bond Breakers –Tape	Thickness	Misc. DOT168		Certified Mill Test Report			
	Epoxy Adhesive	Pot Life <i>GDT-58</i>						
	Adriesive	Bond Strength GDT-58	Misc.		QPL-15 <u>or</u> 1 sample			
		Shelf Life	DOT1 68		per batch, per Type			
		Condition						
434								
SAND ASPHALT PAVED DITCHES	Concrete	Compressive Strength <i>GDT-35</i> & <i>T22</i>			One set per each			
		Air Content GDT-26 or GDT-32	DOT-319	2 cylinders	100 cumulative yd ³ or 1 set per week, per Plant		During pouring operation	
		Slump GDT-27	1					
	Asphalt Complete Mixture	Specification Requirements GDT-38 or GDT-83, GDT 125, T30		25 lbs.	Two per week		Truck or Roadway	
	Asphalt Cement	DSR T315	DOT-504	(2) 1 pt.	QPL-7	One per Project	Before application	
	Fine Aggregate	Gradation <i>T11 or T27</i>	DOT-658	20 lbs.			Stockpile	

		Sand Equivalent <i>GDT-63</i>		One per 1,500 tons based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-1 Sources, 1 per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D Sources.	
435						
RAPID SETTING CEMENT	Rapid Setting Patching	Flow of Mortar ASTM C109	Misc. DOT168	QPL-27 <u>or</u> preinspected by Central		

				GUIDE FR	EQUENCY		
MATERIAL	TEST PROCEDURES Name & <i>Number</i>	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
Material	Flexural Strength 797	7		Lab Personnel			
	Compressive Strength ASTM C109 or ASTM C31						
	Adsorption ASTM C140			_			
	Chlorides T260	1]			
	Shear Bond Freeze-Thaw ASTM C666			1			
Ероху	Pot Life <i>GDT-58</i>	-					
Adhesive	Elongation GDT-58	Misc. DOT168					
	Bond Strength GDT-58		1 kit	OPI -15 or 1 sample			
	Hardness ASTM D2240			per batch, per Type		- Stock	
	Sag Test 7237						
	Wet Bond Test 7237	1					
Silicone Sealant	Tensile Stress ASTM D412						
	Hardness ASTM D2240						
	Bond <i>GDT-106</i>	1					
	Tack Free Time GDT-106	Misc.		QPL-66 <u>or</u> 1 sample		Stock	
	Extrusion GDT-106	DOT168		per batch, per Type		SIOCK	
	Non-Volatile GDT-106	1		1			
	Specific Gravity ASTM D792			1			
	Material Epoxy Adhesive	MATERIAL Name & Number Material Flexural Strength T97 Compressive Strength ASTM C109 or ASTM C31 Adsorption ASTM C140 Chlorides T260 Shear Bond Freeze-Thaw ASTM C666 Epoxy Adhesive Pot Life GDT-58 Elongation GDT-58 Bond Strength GDT-58 Hardness ASTM D2240 Sag Test T237 Wet Bond Test T237 Wet Bond Test T237 Silicone Sealant Tensile Stress ASTM D412 Hardness ASTM D2240 Bond GDT-106 Tack Free Time GDT-106 Extrusion GDT-106 Non-Volatile GDT-106 Non-Volatile GDT-106	MATERIAL Name & Number Report Material Flexural Strength T97 Compressive Strength ASTM C109 or ASTM C31 Adsorption ASTM C140 Chlorides T260 Shear Bond Freeze-Thaw ASTM C666 Shear Bond Freeze-Thaw ASTM C666 Bond Strength GDT-58 Bond Strength GDT-58 Misc. DOT168 Hardness ASTM D2240 Sag Test T237 Wet Bond Test T237 Wet Bond Test T237 Silicone Sealant Tensile Stress ASTM D412 Hardness ASTM D2240 Bond GDT-106 Tack Free Time GDT-106 Misc. DOT168 Extrusion GDT-106 Misc. DOT168	MATERIAL Name & Number Report SAMPLE Material Flexural Strength 797 Compressive Strength ASTM C109 or ASTM C31 Adsorption ASTM C140 Adsorption ASTM D154 Adsorption ASTM D154 Adsorption ASTM D168 Adsorption ASTM D168	MATERIAL TEST PROCEDURES Name & Number REPORT SM Report SIZE OF SAMPLE ACCEPTANCE Material Flexural Strength 797 Lab Personnel Compressive Strength ASTM C109 or ASTM C31 Lab Personnel Adsorption ASTM C140 Chlorides T260 Shear Bond Freeze-Thaw ASTM C666 Pot Life GDT-58 Elongation GDT-58 Bond Strength GDT-58 Hardness ASTM D2240 Misc. DOT168 Sag Test T237 Wet Bond Test T237 Wet Bond GDT-106 Misc. DOT168 Faxtrusion GDT-106 Misc. DOT168 Non-Volatile GDT-106 Misc. DOT168	MATERIAL Name & Number Report SAMPLE ACCEPTANCE ASSURANCE Material Flexural Strength T97 Lab Personnel Lab Personnel Compressive Strength ASTM C140 Adsorption ASTM C140 Lab Personnel Chlorides T260 Shear Bond Freeze-Thaw ASTM C666 ASSURANCE Shear Bond Freeze-Thaw ASTM C666 ASSURANCE Epoxy Adhesive Pot Life GDT-58 ASTM C666 Elongation GDT-58 Misc. DOT168 Hardness ASTM D2240 DOT168 ASURANCE Sag Test T237 Wet Bond Test T237 Wet Bond Test T237 Silicone Sealant Tensile Stress ASTM D412 Assurance Hardness ASTM D2240 Bond GDT-106 Misc. QPL-66 or 1 sample per batch, per Type Bond GDT-106 Non-Volatile GDT-106 Misc. DOT168 QPL-66 or 1 sample per batch, per Type	Material TEST PROCEDURES Name & Number Name &

		Adhesion GDT-106						
		Resistance ASTM C793						
	Bond Breakers	Density ASTM D1622		-				
	–Rods	Tensile Strength ASTM D1623	Misc. DOT168	6 ft	Pre-inspected by Central Lab & Certified Mill Test		Stock	
		Water Absorption ASTM C1061	201100		Report; 1 sample per shipment			
	Bond Breakers -Tape	Thickness	Misc. DOT168		Certified Mill Test Report			
	Preformed Foam Joint Filler	Specification 822.10	Misc. DOT168		QPL-20 Certified Mill Test Report			
436				_				
ASPHALTIC CONCRETE CURB	NOTE: When pl	aced in conjunction with Pay Iten	n in Section 400), and ingredien	ts are sampled under th	at Item, no additional s	amples of AC, CA, FA, or I	Mineral Filler required.
	Tack Coat	Specification Requirements T59 , DSR T315	DOT-503	1 gal. PLASTIC	QPL-7	One per Project	Before application	

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Asphalt Cement	Dynamic Shear <i>TP-5</i> , <i>DSR T315</i>	DOT-504	(2) 1 pt.	QPL-7	One per Project	Before application	
	Mineral Filler	Gradation <i>T11 & T27</i>		10 lbs.	QPL-81	One per 1,000 tons, per Type, per Source	Stock	
	Completed Mix	Specification Requirements GDT-38 or GDT-83,GDT 125, T30	DOT-387 OMR-TM- 159-5	25 lbs.	Two per week		Truck or Roadway	
	Fine Aggregate	Gradation 727 Sand Equivalent GDT-63 Minus No. 200 711	DOT-658		One per 500 tons based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	As necessary		
	Coarse	Wash 200 T11	DOT-658			As necessary		

	Aggregate	Gradation 727			One per 500 tons based upon QPL-2, except from Section D, Stockpile Basis Sources; material from Section D must be sampled.			
437								
GRANITE CURB	Granite from Unapproved Source	Percent Wear T96		100 lbs.	One per Source		Stock	
	Granite from Approved Source				QPL-2 & Visual Inspection			
438								
PRECAST	Portland	Air Content T137						
CONCRETE HEADER CURB	Cement	Fineness M85						
		Autoclave M85	1			One per Quarter, per		
		Compressive Strength M85	DOT-175		- QPL-3	Source, per District		
		Vicat 7131	1					
		Chemical M85						
	Portland	Air Content T137						
	Pozzolan Cement	Fineness M240						
		Autoclave M240	DOT-175					
		Compressive Strength M240						
		Vicat T131						
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					GUIDE FR	GUIDE FREQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Chemical M240						
	Fine Aggregate	Gradation 727	DOT-658	20 lbs.				***************************************

	Sand Equivalent <i>GDT-63</i>			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.		
Coarse Aggregate	Wash 200 T11						
, riggi ogulo	Gradation 727	DOT-658	45 lbs.	One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 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.		
Steel Bars for	Number <i>M31M</i>						
Reinforcement	Weight M31M	-					
	Dimensions M31M	-					
	Deformation Spacing M31M						
	Height & Gap M31M	1	1 pc @ 24"	QPL-12 & QPL-61	Random sampling at	Supplier, Fabricator or	
	Tensile Strength T244	DOT-166	per size	w/Certified Mill Test Reports.	Fabricator	Jobsite storage	
	Yield Strength T244	1					
	Elongation T244						
	Bend Test T285						
	Chemical M31M						
Fly Ash	Fineness M295						
	Activity M295	_					
	Soundness M295	DOT-175		QPL-30			
	Density M295	1		1			
	Chemical <i>M295</i>	1		1			
Dowel Bars	Number <i>M31M</i>						
	Weight M31M	DOT-166A		QPL-43 w/Certified			*N/A for Plain Dowel Bars
	Dimensions <i>M31M</i>			Mill Test Report			

					GUIDE FR	REQUENCY					
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & <i>Number</i>	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS			
		Deformation Spacing <i>M31M</i> *									
		Height & Gap M31M*	1								
		Tensile Strength T244									
		Yield Strength T244			1						
		Elongation T244									
		Bend Test T285									
		Chemical M31M			1						
		Coating 853.08									
439											
PORTLAND CEMENT CONCRETE	Concrete	Compressive Strength <i>GDT-35</i> & <i>T22</i>	DOT-319 Site Manager	2 cylinders 6" X 12" or 4" X 8"	See NOTE 1		During pouring	Cylinders to be broken in Branch or Central Lab			
PAVEMENT (SPECIAL)		NOTE 1: One set per each 350 yd³ of each Class of Concrete placed daily for each structure, except for Concrete used in Bridge Curb, Handrail or Wall Coping. Two Concrete cylinders shall be fabricated for each cumulative 350 yd³ or fraction thereof, of Concrete placed per week in each structure. Cylinders shall not be fabricated structure to represent Concrete placed in another structure.									
		Air Content GDT-26 or GDT-32			When cylinders are			Additional Slump test will			
		Slump GDT-27		See NOTE 2	made		Placement site	be required when Water is added on Project			
		Mix Temperature GDT-122	1					added on Froject			
		NOTE 2: Air, Slump & Mix Temperature tests are all required when cylinders are made & as judged necessary to insure adequate control.									
	Portland	Air Content T137	T	T				T			
	Cement	Fineness M85	1					-			
		Autoclave M85	- 					-			
		Compressive Strength M85	DOT-175	10 lbs.	QF	PL-3		Jobsite Plants only			
		Vicat T131	1					-			
		Chemical M85	1					-			
	Portland	Air Content T137									
	Pozzolan Cement	Fineness M240	1					-			
		Autoclave M240	1					-			
		Compressive Strength M240	DOT-175	10 lbs.	QPL 3			Jobsite Plants only			
		Vicat 7131	-					-			
		Chemical M240									
	L	L	L	L	L		<u> </u>	1			

Fine Aggregate Gradation 727	DOT-658	20 lbs.	Based upon QPL-1,	QPL-1 Sources, 1		
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					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Sand Equivalent <i>GDT-63</i> Minus No. 200 <i>T11</i>			Except for Section D, Stockpile Basis Sources; material from Section D must be sampled 1 per 500 tons.	per month, per active plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		
	Coarse Aggregate	Wash 200 T11 Gradation T27	DOT-658	30 lbs.	Based upon QPL-2 Sources, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 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.		
	Steel Bars for	Number <i>M31M</i>				odurces.		
	Reinforcement		1					
		Weight M31M	_					
		Dimensions M31M						
		Deformation Spacing <i>M31M</i> Height & Gap <i>M31M</i>			QPL-12 & QPL-61			
		Tensile Strength T244	DOT-166	1 pc @ 24" per size	w/Certified Mill Test	Random sampling at Fabricator	Supplier, Fabricator or Jobsite storage	
		Yield Strength T244	_	per size	Reports.	1 abricator	Jobsile Storage	
		Elongation T244	_					
		Bend Test 7285	-					
	Steel Wire for Reinforcement	Chemical M31M	-					
		Size M32M						
		Diameter M32M	1	1 no @ 24"	Certified Mill Test		loboito storago and/ar	
		Area <i>M32M</i>	Certification	1 pc @ 24" per size/dia	Report	Random sampling	Jobsite storage and/or producer stock	
		Tensile Strength T244	1					
					1		1	

	Yield Strength T244						
	Area Reduction T244						
	Bend Test M32M						
Welded Steel	Size <i>M55M</i>						
Wire Fabric for Reinforcement	Diameter M55M	- Certification	2' X 2'	QPL-55 w/Certified Mill Test Report	Random sampling	Jobsite storage and/or producer stock	
	Area M55M						
	Tensile Strength T244						

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & <i>Number</i>	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Yield Strength T244						
		Area Reduction T244						
		Bend Test M55M	1					
		Weld Shear Strength M55M	1					
		Width M55M	1					
		Length M55M	1					
		Spacing <i>M55M</i>						
	Dowel Bars	Number M31M						
		Weight M31M	1					
		Dimensions M31M						
		Deformation Spacing M31M*						
		Height & Gap M31M*						
		Tensile Strength T244	DOT-166A	3 pcs. @ 18" long per size	QPL-43 w/Certified Mill Test Report		Jobsite Storage, prior to use	*N/A for Plain Dowel Bars
		Yield Strength T244		g po. 0.20	······································			
		Elongation T244						
		Bend Test M285						
		Chemical M3						
		Coating 853.08						
	Tie Bars	Number M31M						
		Weight M31M						
		Dimensions M31M		2 @ 20"			Johnita Ctarrana mrianta	
		Deformation Spacing M31M	DOT-166	3 pcs. @ 30" long per size	QPL-12 & QPL-61		Jobsite Storage, prior to use	
		Height & Gap M31M						
		Tensile Strength T244						
		Yield Strength T244						
21								

	Elongation T244							
	Chemical M3							
Dowel Bar & Tie Bar Baskets	As Specified	DOT-166	6 bars in basket assembly	One per Project, per size		Jobsite Storage, prior to use		
Multi-Piece Tie Bars	As Specified	DOT-166	Complete Assembly*	As per Section 430.2.E of the Specifications	One per Project	Jobsite Storage, prior to use	*2 pieces of deformed reinforcing steel (3' long each) with coupler, assembled	
Fly Ash	Fineness <i>M295</i>							
	Activity M295							
	Air Content M295	DOT-175	10 lbs.	QPL-30	One per 2,000 tons, per Source	Jobsite storage	Jobsite plants only	
	Density M295				per Source		,	
C	Chemical M295							
Slag	Fineness M302				One per 2,000 tons,			
	Activity M302	DOT-175	10 lbs.	QPL-30	per Source	Jobsite storage	Jobsite plants only	

					GUIDE FRE	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Soundness M302						
		Density M302						
		Chemical <i>M302</i>						
	Silicone Sealant	Tensile Stress ASTM D412						
	Sealant	Durometer ASTM D2240						
		Bond <i>GDT-106</i>						
		Tack Free Time GDT-106						
		Extrusion GDT-106	Misc.		QPL-66 or 1 sample			
		Non-Volatile GDT-106	DOT168		per batch, per Type			
		Specific Gravity ASTM D792						
		Adhesion GDT-106						
		Resistance ASTM C793						
	Bond Breakers	Density ASTM D1622						
	–Rods	Tensile Strength ASTM D1623	Misc. DOT168	6 ft	Pre-inspected by Central Lab & Certified Mill Test		Stock	
		Water Absorption ASTM C1061			Report; 1 sample per shipment			

	Bond Breakers -Tape	Thickness	Misc. DOT168		Certified Mill Test Report			
	Ероху	Pot Life <i>GDT-58</i>						
	Adhesive	Bond Strength GDT-58	Misc.		-			
		Shelf Life	DOT168		- QPL-15			
		Condition						
	Water	Quality of Water to be Used in Concrete 726	DOT-088	1 qt.*	One per unpotable Source, per month		Prior to use	*non-metal container
440								
PORTLAND CEMENT	Portland Cement	Physical & Chemical Analysis <i>M85</i>						
CONCRETE SHOULDERS	Air Content T137	Air Content T137						
		Fineness M85						
		Autoclave M85	DOT-175	10 lbs.	QPL-3	One per 2,000 tons	Jobsite storage	
		Compressive Strength M85						
		Vicat M131						
		Chemical M85						
	Portland Pozzolan	Air Content T137		10 lbs.	QPL-3	One per 2,000 tons, per source	Jobsite storage	
	Cement	Fineness M240	DOT-175			por source		
		Autoclave M240						

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & <i>Number</i>	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Compressive Strength M240						
		Vicat 7131						
		Chemical M240						
	Water	Quality of Water to be Used in Concrete T26	DOT-088	1 qt.*	One per unpotable source, per month		Prior to use	*non-metal container
	Curing Agent	Specification for Liquid Membrane Curing M148	DOT-168		QP	L-16		
	Air- Entrainment Admixtures	Air-Entraining Admixtures for Concrete M154	DOT-168	1 qt.*	QPL-13	1 per 7 production days, per source	Jobsite storage	

Chemical Admixtures	Chemical Admixtures for Concrete M194	DOT-168	1 qt.*	QPL-14	1 per 7 production days, per source	Jobsite storage	
Steel Bars for	Number <i>M31M</i>						
Reinforcement	Weight M31M						
	Dimensions M31M						
	Deformation Spacing M31M						
	Height & Gap M31M	DOT-166	1 pc @ 24"	QPL-12 & QPL-61 w/Certified Mill Test	Random sampling at	Supplier, Fabricator or	
	Tensile Strength T244	DO1-100	per size	Reports.	Fabricator	Jobsite storage	
	Yield Strength T244						
	Elongation T244						
	Bend Test 7285						
	Chemical M31M						
Steel Wire for Reinforcement	Size M32		1 pc @ 24" per size/dia			Jobsite storage and/or producer stock	
	Diameter M32			Certified Mill Test Report			
1	Area M32	Certification					
	Tensile Strength T244				Random sampling		
	Yield Strength 7244						
	Area Reduction T244						
	Bend Test M32						
Welded Steel Wire Fabric for	Size <i>M55M</i>						
Reinforcement	Diameter <i>M55M</i>						
	Area <i>M55M</i>						
	Tensile Strength T244						
	Yield Strength T244						
	Area Reduction T244	Certification	2' X 2'	QPL-55 w/Certified Mill Test Report	Random sampling	Jobsite storage and/or producer stock	
	Bend Test <i>M55M</i>					F. 1 2 3 0 0 10 0 10	
	Weld Shear Strength M55M						
	Width M55M						
	Length M55M						
	Spacing <i>M55M</i>						

					GUIDE FR	GUIDE FREQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & <i>Number</i>	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS

Preformed Joint Filler		Misc. DOT168		QPL-20 Certified Mill Test Report			
Tie Bars	Number <i>M31M</i>						
	Weight M31M						
	Dimensions M31M			QPL-12 & QPL-61			
	Deformation Spacing M31M	-					
	Height & Gap M31M		3 bars @ 30"				
	Tensile Strength T244	DOT-166				Jobsite storage, prior to use	
	Yield Strength T244	•	long			use	
	Elongation T244	•					
	Bend Test T285						
	Chemical <i>M31M</i>						
	Coating 853.08	-					
Graded	Gradation <i>T11</i>						
Aggregate	Sand Equivalent <i>GDT-63*</i> Gradation <i>T27</i>	DOT-658	45 lbs.	One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 Sources, 1 per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D sources.	Stockpile	*Normally GDT-63 will only be required on Independent Assurance samples of graded aggregate. Also, GDT-2 will normally only be required on Independent Assurance samples on fine aggregate.
Coarse	Gradation 727						
Aggregate	Wash 200 T11	DOT-658	45 lbs.	One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 Sources, 1 per 20,000 tons, except for Section D, Stockpile Basis Sources; GDOT will perform acceptance tests on materials delivered from Section D Sources.	Belt or Stockpile	
Fine Aggregate	Gradation 727			One per 500 tons	QPL-1 Sources, 1		
	Minus No. 200 T11	DOT-658	20 lbs.	based upon QPL-1, except for Section D,	per 20,000 tons, except for Section D,	Belt or Stockpile	

Section D Sources.

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Concrete	Compressive Strength <i>GDT-35</i> & <i>T22</i>		6" X 12" or 4"X 8" cylinders	Three sets of 2 cylinders per Lot			
		Air Content GDT-26			Air, slump & mix temp.; when cyls. Are			
		Slump GDT-27	DOT-319 Site Manager		made & as judge necessary to insure		During placement operations at Roadway	
		Mix Temperature GDT-122			adequate control.			
		Thickness	1		As per specified Shoulder Type			
	Slag	Fineness M302				One per 2,000 tons,		
		Activity M302]		QPL-30	per source		
		Air Content M302	DOT-175	10 lbs.			Jobsite storage	
	l <u> </u>	Density M302			Q. 2 00		Cobolic Storage	
		Chemical <i>M302</i>						
	Fly Ash	Fineness M295				One per 2,000 tons,	_	
		Activity M295	1			per source		
		Soundness M295	DOT-175	10 lbs.	QPL-30		Jobsite storage	
		Density M295						
		Chemical M295						
	Silicone	Tensile Stress ASTM D412						
	Sealant	Durometer ASTM D2240	1					
	E	Bond <i>GDT-106</i>	Misc.		0.51 0.0			
		Tack Free Time GDT-106	DOT168		- QPL-66			
		Extrusion GDT-106			1			
		Non-Volatile GDT-106						

	Specific Gravity ASTM D792					
	Adhesion GDT-106	_				
	Resistance ASTM C793					
Bond Breakers	Density ASTM D1622				 	
–Rods	Tensile Strength ASTM D1623	Misc. DOT168	6 ft	Pre-inspected by Central Lab & Certified Mill Test		
_	Water Absorption ASTM C1061	DO1100		Report; 1 sample per shipment		
Bond Breakers -Tape	Thickness	Misc. DOT168		Certified Mill Test Report		
Ероху	Pot Life <i>GDT-58</i>				 	
Adhesive	Bond Strength GDT-58	Misc.				
	Shelf Life	DOT168		QPL-15		
	Condition	=				

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION 441	MATERIAL	TEST PROCEDURES Name & <i>Number</i>	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
MISCELLANEOUS	Portland	Air Content T137						
CONCRETE	Cement	Fineness M85	1					
		Autoclave M85	DOT 475		ODI 2			
		Compressive Strength M85	DOT-175		- QPL-3			
		Vicat 7131						
		Chemical M85						
	Portland Pozzolan	Air Content T137						
	Cement	Fineness M240						
		Autoclave M240	DOT-175		QPL-3			
		Compressive Strength M240	DO1-175		QPL-3			
		Vicat 7131						
		Chemical M240						
	Fine Aggregate	Gradation T27	DOT-658	20 lbs.				

	Sand Equivalent <i>GDT-63</i> Minus No. 200 <i>T11</i>			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.		
Coarse	Wash 200 T11						
Aggregate	Gradation 727	DOT-658	45 lbs.	One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 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.		
Curing Agents	Specification for Liquid Membrane Curing <i>M148</i>	DOT-168		QPL-16			
Air- Entrainment Admixtures	Air-Entraining Admixtures for Concrete M154	Misc. DOT168		QPL-13			
Chemical Admixtures	Chemical Admixtures for Concrete M194	Misc. DOT168		QPL-14			
Steel Bars for	Number M31M	DOT-166	1 pc @ 24"	QPL-12 & QPL-61	Random sampling at	Supplier, Fabricator or	

					GUIDE FR	REQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Reinforcement	Weight M31M		per size	w/Certified Mill Test	Fabricator	Jobsite storage	
		Dimensions M31M			Reports.			
		Deformation Spacing <i>M31M</i>						
		Height & Gap <i>M31M</i>						
		Tensile Strength T244						
		Yield Strength T244						
		Elongation T244						
		Bend Test T285						
		Chemical M31M						

Steel Wire for Reinforcement	Size M32M Diameter M32M Area M32M Tensile Strength T244 Yield Strength T244 Area Reduction T244 Bend Test M32M	Certification	1 pc @ 24" per size/dia	Certified Mill Test Report	Random sampling	Jobsite storage and/or producer stock	
Welded Steel Wire Fabric for Reinforcement	Size M55M Diameter M55M Area M55M Tensile Strength T244 Yield Strength T244 Area Reduction T244 Bend Test M55M Weld Shear Strength M55M Width M55M Length M55M Spacing M55M	Certification	2' X 2'	QPL-55 w/Certified Mill Test Report	Random sampling	Jobsite storage and/or producer stock	
Joint Fillers & Preformed Joint Filler	<u>ealers</u> M153 or M213	Misc. DOT168	10"	QPL-20		Stock	Sample in accordance with SOP-17
Hot Pour Joint Sealers	Penetration <i>GDT-62</i> Flow <i>GDT-62</i> Resilience <i>GDT-62</i> Bond <i>GDT-62</i> Compatibility <i>GDT-62</i>	Misc. DOT168	8 lb. kit	Pre-inspected by Central Lab; 1 sample per shipment		Stock	
Elastomeric Polymer Type Joint Compound	Cone Penetration <i>GDT-15</i> Solubility <i>GDT-15</i> Resilience <i>GDT-15</i> Flow <i>GDT-15</i>	Misc. DOT168	1 kit	Pre-inspected by Central Lab & Certified Mill Test Report; 1 sample per shipment		Stock	

					GUIDE FREQUENCY			
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & <i>Number</i>	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS

	Bond GDT-15						
Preformed Elastic Joint	Tensile Strength ASTM D412						
Sealer	Elongation at Break ASTM D412						
	Hardness ASTM D2240						
	Oven Aging ASTM D573			Pre-inspected by Central Lab &			
	Oil Swell ASTM D471	Misc. DOT168	36"	Certified Mill Test		Stock	
	Ozone Resistance ASTM D1149			Report; 1 sample per shipment			
	Joint Sealer Recovery GDT-47						
	Compression/Deflection GDT70						
Water-Blown Urethane Joint Filler	Specification 833.05	Misc. DOT168		Certified Mill Test Report			
На	Tensile Stress ASTM D412						
	Hardness ASTM D2240						
	Bond <i>GDT-106</i>						
	Tack Free Time GDT-106						
	Extrusion GDT-106	Misc. DOT168		QPL-66 <u>or</u> 1 sample per batch, per Type		Stock	
	Non-Volatile GDT-106						
	Specific Gravity ASTM D792						
	Adhesion GDT-106						
	Resistance ASTM C793						
Bond Breakers	Density ASTM D1622						
Pode	Tensile Strength ASTM D1623	Misc. DOT168	6 ft	Pre-inspected by Central Lab & Certified Mill Test		Stock	
	Water Absorption ASTM C1061	1 001100		Report; 1 sample per shipment			
Bond Breakers – Tape	Thickness	Misc. DOT168		Certified Mill Test Report			

Neoprene for	Specification 833.07	Misc.	Certified Mill Test		
Bridge Deck		DOT168	Report		
Joint Seal					

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Ethylene Propylene Diene Monomer for Bridge Deck Joint Seals	Specification 833.08	Misc. DOT168		Certified Mill Test Report			
	Polyurethane	Hardness ASTM D2240						
	Sealant for Inductive Loops	Tensile Strength ASTM D412						
		Elongation ASTM D412	Misc. DOT168		QPL-75			
		Flexibility	501100					
		Weather Resistance ASTM D822						
		Specification 833.2.10	Misc. DOT168		Certified Mill Test Report			
	Dowel Bars	Number <i>M31M</i>						
		Weight M31M	-					
		Dimensions M31M	-					
		Deformation Spacing <i>M31M*</i>						
		Height & Gap <i>M31M</i> *	-		QPL-43 w/Certified			
	Tensile Strength T244 Yield Strength T244 Elongation T244 Bend Test T285 Chemical M3	DOT-166A	2 bars	Mill Test Report	One per Project	Stock	*N/A for Plain Dowel Bars	
		Coating 853.08						

Concrete	Compressive Strength GDT-35 & T22		2 cylinders 6" X 12" or 4" X 8"	One set per each cumulative 100 yd ³ or 1 set per week, per Plant	During placement operations	
	Air Content <i>GDT-26 or GDT-32</i> Slump <i>GDT-27</i>	DOT-319 Site Manager		Air & Slump tests are required when cylinders are made & as judged necessary to insure adequate control	During placement operations	
Fly Ash	Fineness <i>M295</i> Activity <i>M295</i>	DOT-175		- QPL-30		

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Soundness M295						
		Density M295						
		Chemical M295	1		1			
	Epoxy Adhesive	Pot Life GDT-58						
	Adnesive	Bond Strength GDT-58	Misc.		001.45			
		Shelf Life	DOT168		- QPL-15			
		Condition						
442								
SEALING ROADWAY &	Silicone	Tensile Stress ASTM D412						
BRIDGE JOINTS	Sealant	Durometer ASTM D2240						
		Bond <i>GDT-106</i>	1					
		Tack Free Time GDT-106						
		Extrusion GDT-106	Misc.		QPL-66		Stock	
		Non-Volatile <i>GDT-106</i>	DOT168		- Q1 L-00		Stock	
		Specific Gravity ASTM D792						
		Adhesion GDT-106	1		-			
		Resistance ASTM C793	-		-			
	Ероху	Pot Life GDT-58	Misc.		QPL-15 <u>or</u> 1 sample			
	Adhesive	Bond Strength GDT-58	DOT168		per batch, per Type		Stock	

		Shelf Life Elongation GDT-58					
		Hardness ASTM D2240 Sag T237 Wet Bond T137			_		
	Bond Breakers – Rods	Density ASTM D1622 Tensile Strength ASTM D1623	Misc.	5 ft	One per Project & Certified Mill Test	Stock	
	Bond Breakers	Water Absorption ASTM C1016 Thickness	Misc.	5 ft	Report One per Project &	Stock	
445	- Tape		DOT168		Certified Mill Test Report		
WATERPROOFING	Waterproofing	Permeability <i>GDT-69</i>					
PAVEMENT JOINTS & CRACKS	Membranes for Pavement Joints &	Breaking Factor ASTM D882	Misc.		- QPL-22	Stock	
		Heat Resistance GDT-69	DOT168		QFL-22	SIUCK	
		Puncture Resistance ASTM E154					

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Elongation ASTM D882						
		Pliability ASTM D146						
		Adhesion GDT-69						
		Thickness						
446								
PAVEMENT REINFORCEMENT FABRIC	High Strength Pavement Reinforcement	Tensile Strength ASTM D412						
TABRIO	Fabric	Elongation ASTM D412						
		Density ASTM E12	Misc.		0.01		1	
		Weight per Gallon ASTM D70	DOT168		QPL-40		Stock	
		Softening Point ASTM D36						
		Caliper ASTM D1777]	

		Specific Gravity ASTM D80						
		Pliability ASTM D146						
		Width						
		Weight						
	Pavement Reinforcement Fabric – Type I	Tensile Strength ASTM D4632						
	or II	Elongation at Break ASTM D4632	Misc. DOT168		QPL-40		Stock	
		Asphalt Retention <i>GDT-95</i>						
	Bituminous Tack	Asphalt T-315		(2) 1 pt.	QPL-7		from Distributor	
448								
PORTLAND CEMENT CONCRETE END	Concrete	Compressive Strength GDT-35 & GDT-22			One set of 4 for ea	ach placement date.		
DAMS & PATCHES		Air Content GDT-26 & GDT-32			(2 for 1 day	y, 2 for 3 day)		
			DOT-319					
		Slump GDT-27	Site Manager					
		Mix Temperature <i>GDT-122</i>			Air, Slump & Mix Temperature tests are required when cylinders are made & as judged necessary to insure adequate controls			
	Ероху	Pot Life <i>GDT-58</i>						
	Adhesive	Elongation GDT-58						
		Bond Strength GDT-58	Misc.		QPL-15 or 1 sample			
		Hardness ASTM D2240	DOT168	1 kit	per batch, per Type		Stock	
		Sag Test T237						
		Wet Bond Test 7237						
	Silicone	Tensile Stress ASTM D412	Misc. DOT-		QPL-66			
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					GUIDE FR	REQUENCY		
TYPE		TEST PROCEDURES Name	DEDORT CM	SIZE OF		OHALITY	LOCATION OR TIME	

	,				GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Sealant	Durometer ASTM D2240	168					
		Bond <i>GDT-106</i>						
		Tack Free Time GDT-106						
		Extrusion GDT-106						
		Non-Volatile GDT-106						

	Specific Gravity ASTM D792]]		
	Adhesion GDT-106			1		
	Resistance ASTM C793					
Preformed Foam Joint Filler	Specification 833.2.10	Misc. DOT168		QPL-20		
Portland	Air Content T137					
Cement	Fineness <i>M85</i>			-		
	Autoclave M85			-		
	Compressive Strength M85	DOT-175		- QPL-3		
	Vicat T131			-		
	Chemical <i>M85</i>			-		
Portland	Air Content T137			QPL-3		
Cement	Fineness M240	•		-		
	Autoclave M240	•		-		
	Compressive Strength M240	DOT-175		-		
	Vicat T131			-		
	Chemical M240					
Fine Aggregate	Gradation 727					
	Sand Equivalent <i>GDT-63</i> Minus No. 200 <i>T11</i>	DOT-658	20 lbs.	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.	
Coarse	Wash 200 T11	DOT-658	45 lbs.	One per 1,500 tons	QPL-2 Sources, 1	

l						GUIDE FR	EQUENCY			
	TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS	

Fly Ash	
Activity M295 Soundness M295 DOT-175 Density M295	
Soundness M295 DOT-175 Density M295	
Density M295	
Chemical M295	
Epoxy Adhesive	
## Adhesive Bond Strength **GDT-58** DOT-168** QPL-15**	
Bond Strength GDT-58 DOT-168 QPL-15	
Sheir Life Condition	
PRESSURE Concrete Grout	
PRESSURE GROUTING PORTLAND CEMENT CONCRETE PAVEMENT Concrete Grout Air Content T137 Image: Concrete Grout Content T137 Image: Concrete Grout Content T137 Image: Concrete Grout Content T137 Image: Concrete Grout Content T137 Image: Concrete Grout Content T137 Image: Concrete Grout Content T137 Image: Concrete Grout Content T137 Image: Concrete Grout Content T137 Image: Concrete Grout Content T137 Image: Concrete Grout Content T137 Image: Concrete Grout Content T137 Image: Concrete Grout Content T137 Image: Concrete Grout Content T137 Image: Concrete Grout Content T137 Image: Content Grout Content T137 Image: Content Grout Content T137 Image: Content Grout Content T137 Image: Content Grout Content T137 Image: Content Grout Content T137 Image: Content Grout Content T137 Image: Content Grout Content T137 Image: Content Grout Content T137 Image: Content Grout Content T137 Image: Content Grout Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 Image: Content G137 </td <td></td>	
GROUTING	
PORTLAND CEMENT CONCRETE PAVEMENT PAUTOCIANU AII Content 7137 Fineness M85 Autoclave M85	
CEMENT Fineness M85 CONCRETE PAVEMENT Autoclave M85	
PAVEMENT Autoclave M85	
Compressive Strength M85	
Compressive Strength Mos	
Vicat T131	
Chemical <i>M85</i>	
Calcium Specification <i>M144</i> DOT-319 Chloride	
Water Quality of Water to be Used in Concrete 726 Quality of Water to be Used in Concrete 726 1 qt. One per unpotable Source, per month Enough in advance so that results are known before use	on-metal container
Fly Ash Fineness M295	,
Activity M295	
Soundness M295 DOT-175 QPL-30	
Density <i>M295</i>	
Chemical <i>M295</i>	
Fine Aggregate Gradation 727 DOT-658 20 lbs. One per 500 tons QPL-1 Sources, 1 Stock If Lin	

					GUIDE FR	EQUENCY				
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS		
		Sand Equivalent <i>GDT-63</i> Minus No. 200 <i>T11</i>			based upon QPL-1, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	per month, per active plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		added, sample Total Mixture of Fine Aggregate as indicated.		
	Complete Mixture	Flow of Grout <i>GDT-84</i>			One per day of operation	Observe 1 per Project				
		Penetration Resistance ASTM C403			One per Project <u>or</u> enough to insure proper setting time		During pumping operation			
	Agricultural Lime				Pre-approved	by Central Lab				
	Mineral Filler	Gradation GDT-22								
		Plasticity Index T90								
451										
PATCHING PORTLAND	24-Hour Concrete									
CEMENT CONCRETE	Concrete Compressive Strength <i>GDT-35</i> & <i>T22</i>				One set for 4 of each placement date.					
PAVEMENT		Air Content GDT-26 & GDT-35	DOT-319 Site Manager	6" X 12" or 4" X 8" cylinders	(2 for 1 day, 2 for 3 day) Air, Slump & Mix Temperature tests required when cylinders are made	emperature tests are nders are made & as		Cylinder frequency & curing in accordance with Section 504 of the		
		Slump GDT-27				to insure adequate trols.		Specifications		
		Mix Temperature GDT-122]		1					
	Portland	Air Content T137								
	Cement	Fineness <i>M85</i>	1		1					
		Autoclave M85	1		-					
		Compressive Strength M85	DOT-175		- QPL-3					
		Vicat 7131	1		1					
		Chemical <i>M85</i>			1					
	Fine Aggregate	Gradation 727	DOT-658	20 lbs.			Stock or Conveyor Belt			

Wash 200 <i>T11</i>	One per 500 tons	QPL-1 Sources, 1 per	
	based upon QPL-1,	month, per active	

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Sand Equivalent <i>GDT-63</i>			except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		
	Coarse	Wash 200 T11						
	Aggregate	Gradation 727	DOT-658	35 lbs.	One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 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.	Stock or Conveyor Belt	
	Calcium Chloride	Specification <i>M144</i>	DOT-319					
	Water	Quality of Water to be Used in Concrete 726	DOT-088	1 qt.	One per unpotable Source, per month		Enough in advance so that results are known before use	*Non-metal container
	Epoxy	Pot Life GDT-58						
	Adhesive	Bond Strength GDT-58	Cantification		QPL-15			
		Shelf Life	Certification		QPL-15			
		Condition						
	Silicone Sealant	Tensile Stress ASTM D412						
	Couldin	Durometer ASTM D2240						
		Bond <i>GDT-106</i>	Certification		QPL-66			
		Tack Free Time GDT-106						
		Extrusion GDT-106						

	Non-Volatile <i>GDT-106</i>				
	Specific Gravity ASTM D792				
	Adhesion GDT-106				
	Resistance ASTM D793				
Polyethylene	Cell Structure		 	 	
Foam	Compression ASTM D1752	Certification	QPL-20		

					GUIDE FR	FOLIENCY		
TYPE CONSTRUCTION		TEST PROCEDURES Name	REPORT SM	SIZE OF	COIDETR	QUALITY	LOCATION OR TIME	
CONSTRUCTION	MATERIAL	& Number	Report	SAMPLE	ACCEPTANCE	ASSURANCE	OF SAMPLING	REMARKS
		Recovery ASTM D1752						
		Water Absorption ASTM D1752						
		Extrusion ASTM D1752]					
	Rapid Setting Patching Material	Flow of Mortar ASTM C109					Stock	
	Material	Flexural Strength 797			QPL-27			
		Compressive Strength ASTM C109 or ASTM C31						
		Absorption ASTM C140	Certification					
		Chlorides T260	-		-			
		Shear Bond Section 934.03			-			
		Freeze-Thaw Durability Certification			-			
	Epoxy Concrete				Mix Designs submitted to the Central Lab for approval			
452								
FULL DEPTH SLAB REPLACEMENT	Concrete	Compressive Strength <i>GDT-35</i> & <i>T22</i>	DOT-319	6' X 12" Or 4" X 8" Cylinders	One set of 4 for ea (2 for 1 day,			
		Air Content GDT-26	7 001-319		are made & as judged	d necessary to ensure		
		Slump GDT-27				e controls		

	Mix Temperature GDT-122					
Portland	Air Content T137					
Cement	Fineness M85			QPL-3		
	Autoclave M85	1				
	Compressive Strength M85	DOT-175				
	Vicat 7131					
	Chemical <i>M85</i>					
Fine Aggregate	Gradation 727		<u> </u>	One per 500 tons based upon QPL-1,	QPL-1 Sources, 1 per	
	Minus No.200 <i>T11</i>	DOT-658			month, per active	

					GUIDE FR	EQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
		Sand Equivalent <i>GDT-63</i>			except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	plant, except for Section D, Stockpile Basis Sources: GDOT will perform acceptance tests on materials delivered from Section D Sources.		
	Coarse	Wash 200 T11						
	Aggregate	Gradation 727	DOT-658		One per 1,500 tons based upon QPL-2, except for Section D, Stockpile Basis Sources; material from Section D must be sampled.	QPL-2 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.		
	Steel Bars for	Number M31M						
	Reinforcement	Weight M31M						
		Dimensions M31M	DOT-166	1 pc @ 24"	QPL-12 & QPL-61 w/Certified Mill Test	Random sampling at	Supplier, Fabricator or	
	D H	Deformation Spacing M31M		per size	Reports.	Fabricator	Jobsite storage	
		Height & Gap M31M	-					
		Tensile Strength T244						

	ĺ	Yield Strength T244	7	ĺ				
		Elongation T244	_					
		Bend Test T285	_					
		Chemical M31M	_					
	Dowel Bars	Number M31M						
		Weight M31M						
		Dimensions M31M						
		Deformation Spacing M31M*						
		Height & Gap M31M*	_					1
		Tensile Strength T244	DOT-166A	3 bars in basket	QPL-43 w/Certified Mill Test Report			*N/A for Plain Dowel Bars
		Yield Strength T244		assembly	Willi Test Report			
		Elongation T244						
		Bend Test T285						
		Chemical <i>M31M</i>						
		Coating 853.08						
	Silicone	Tensile Stress ASTM D412	Certification		QPL-66			
					GUIDE FR	REQUENCY		
TYPE CONSTRUCTION	MATERIAL	TEST PROCEDURES Name & Number	REPORT SM Report	SIZE OF SAMPLE	ACCEPTANCE	QUALITY ASSURANCE	LOCATION OR TIME OF SAMPLING	REMARKS
	Sealant	Durometer ASTM D2240						
		Bond <i>GDT-106</i>						
		Tack Free Time GDT-106						
		Extrusion GDT-106			-			
		Non-Volatile GDT-106			-			
		Specific Gravity ASTM D792						
		Adhesion GDT-106						
		Resistance ASTM C793						
	Ероху	Pot Life GDT-58			ODL 45	<u> </u>		
	Adhesive	Bond Strength GDT-58	Certification	1 kit	QPL-15 <u>or</u> one sample per batch,		Stock	
					per Type			