OKLAHOMA DEPARTMENT OF TRANSPORTATION

SITEMANAGER SAMPLING FREQUENCY REPORT DECEMBER 11, 2020

SiteManager was used to automate ODOT's Contract sampling and testing requirements by allowing the Materials Division to associate materials to the master pay item list items, assign conversion factors, tests and the desired (default) frequencies for those tests.

This high-end set up is frequently referred to as "Global Sampling/Testing Requirements" since it is as determined/programmed by the Materials Division and subsequently made the default on all Contracts by selecting any new Contract in SiteManager and performing the built-in "Materials Generation" process.

There is a safety net for master pay items that may have gotten past the Materials Division. Prior to "Materials Generation", an "Outstanding Item List" process is completed. It indicates all Contract Pay Items that do not have material requirements associated and gives the Materials Division one last chance to address them globally, make them the default, and apply the updated default to that specific Contract and all subsequent Contracts.

Where the old separate Sampling Frequency Guide (Sampling Guide) played a significant role in Materials Division establishing these default automated sampling and testing requirements (with adjustments required by a different system), once the defaults were established and automated, a separate guide document serves little purpose (other than to somewhat confuse the issue).

What is "ODOT's Process" as far as what materials they test, what tests they conduct and at what frequency they conduct those tests? That is most logically and accurately relayed now by a data report of their actual distinct "Global Requirements". This report looks at all materials/tests on all master pay items in the system and lists all distinctly different ways they were set up to default on all Contracts.

One question we've had before about this report is: Why for a given material/test is there sometimes more than one frequency? Typically the higher frequency is the oddity and would be caused by something like a huge drill shaft pay item for which the default frequency just was not practical at all so a higher one was decided. Another example would be for concrete used in structures or pavements. Although it is still concrete and the same tests, we test those 2 applications at 2 different frequencies.

Following is ODOT Materials Division's distinct "Global Requirements" report:



Oklahoma Department of Transportation

SiteManager Sampling Frequency Report

Specification Year:

2009

	Material Name		Spec. Ref.		
acem001	Asphaltic Cement Type PG 76-28 OK		708.03		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
MAT Material	MAT Materials Division	C91018	PG Asphalt Binder_Project Sample	1 per 100,000	GAL
Material Code	Material Name		Spec. Ref.		
acem002	Asphaltic Cement Type PG 70-28 OK		708.03		
Sample Type	Acceptance Method	<u>Test</u>	Method	Frequency	
MAT Material	MAT Materials Division	C91018	PG Asphalt Binder_Project Sample	1 per 100,000	GAL
Material Code	Material Name		Spec. Ref.		
acem003	Asphaltic Cement Type PG 64-22 OK		708.03		
Sample Type	Acceptance Method	<u>Test</u>	Method	<u>Frequency</u>	
MAT Material	MAT Materials Division	C91018	PG Asphalt Binder_Project Sample	1 per 100,000	GAL
Material Code	Material Name		Spec. Ref.		
acem008	Asphaltic Cement Type PG 76-28 E		SP708-2409		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	<u>Frequency</u>	
MAT Material	MAT Materials Division	C91018	PG Asphalt Binder_Project Sample	1 per 100,000	GAL
Material Code	Material Name		Spec. Ref.		
aggr001	Aggregate Base Aggregate Type A		703.01		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 1,500	TON
MAT Material Material Code	CRES Construction Residency Material Name	T27	Sieve Analysis of Fine and Coarse Aggregates Spec. Ref.	1 per 1,500	TON
Material Code		T27		1 per 1,500	TON
Material Code	Material Name Aggregate Base Aggregate Type B		Spec. Ref.	1 per 1,500 Frequency	TON
Material Code aggr002	Material Name Aggregate Base Aggregate Type B		Spec. Ref. 703.01		TON
Material Code aggr002 Sample Type	Material Name Aggregate Base Aggregate Type B Acceptance Method	<u>Test</u>	Spec. Ref. 703.01 Method	Frequency	
Material Code aggr002 Sample Type MAT Material Material Code	Material Name Aggregate Base Aggregate Type B Acceptance Method CRES Construction Residency	<u>Test</u>	Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates	Frequency	
Material Code aggr002 Sample Type MAT Material Material Code	Material Name Aggregate Base Aggregate Type B Acceptance Method CRES Construction Residency Material Name Aggregate Base Aggregate Type C	<u>Test</u> T27	Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref.	Frequency	
Material Code aggr002 Sample Type MAT Material Material Code aggr003	Material Name Aggregate Base Aggregate Type B Acceptance Method CRES Construction Residency Material Name Aggregate Base Aggregate Type C Acceptance Method	<u>Test</u> T27	Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref. 703.01	Frequency 1 per 1,500	
Material Code aggr002 Sample Type MAT Material Material Code aggr003 Sample Type	Material Name Aggregate Base Aggregate Type B Acceptance Method CRES Construction Residency Material Name Aggregate Base Aggregate Type C Acceptance Method	Test T27	Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref. 703.01 Method	Frequency 1 per 1,500 Frequency	TON
Material Code aggr002 Sample Type MAT Material Material Code aggr003 Sample Type MAT Material Material Code	Material Name Aggregate Base Aggregate Type B Acceptance Method CRES Construction Residency Material Name Aggregate Base Aggregate Type C Acceptance Method CRES Construction Residency	<u>Test</u> T27 <u>Test</u> T27	Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates	Frequency 1 per 1,500 Frequency	TON
Material Code aggr002 Sample Type MAT Material Material Code aggr003 Sample Type MAT Material Material Code	Material Name Aggregate Base Aggregate Type B Acceptance Method CRES Construction Residency Material Name Aggregate Base Aggregate Type C Acceptance Method CRES Construction Residency Material Name	Test T27 Test T27 ned	Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref. Spec. Ref.	Frequency 1 per 1,500 Frequency	TON
Material Code aggr002 Sample Type MAT Material Material Code aggr003 Sample Type MAT Material Material Code aggr011	Material Name Aggregate Base Aggregate Type B Acceptance Method CRES Construction Residency Material Name Aggregate Base Aggregate Type C Acceptance Method CRES Construction Residency Material Name Eco Base/CTB Alt2 Aggregate, Combine	Test T27 Test T27 ned	Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref. 703.02	Frequency 1 per 1,500 Frequency 1 per 1,500	TON
Material Code aggr002 Sample Type MAT Material Material Code aggr003 Sample Type MAT Material Material Code aggr011 Sample Type	Material Name Aggregate Base Aggregate Type B Acceptance Method CRES Construction Residency Material Name Aggregate Base Aggregate Type C Acceptance Method CRES Construction Residency Material Name Eco Base/CTB Alt2 Aggregate, Combinace Method CRES Construction Residency	<u>Test</u> T27 <u>Test</u> T27 ned <u>Test</u>	Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref. 703.02 Method	Frequency 1 per 1,500 Frequency 1 per 1,500 Frequency	TON
Material Code aggr002 Sample Type MAT Material Material Code aggr003 Sample Type MAT Material Material Code aggr011 Sample Type MAT Material	Material Name Aggregate Base Aggregate Type B Acceptance Method CRES Construction Residency Material Name Aggregate Base Aggregate Type C Acceptance Method CRES Construction Residency Material Name Eco Base/CTB Alt2 Aggregate, Combinace Method CRES Construction Residency	Test T27 Test T27 ned Test C93004	Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref. 703.02 Method Aggregate_Sand Equivalent T 176	Frequency 1 per 1,500 Frequency 1 per 1,500 Frequency 1 per 50,000	TON
Material Code aggr002 Sample Type MAT Material Material Code aggr003 Sample Type MAT Material Material Code aggr011 Sample Type MAT Material MAT Material MAT Material	Material Name Aggregate Base Aggregate Type B Acceptance Method CRES Construction Residency Material Name Aggregate Base Aggregate Type C Acceptance Method CRES Construction Residency Material Name Eco Base/CTB Alt2 Aggregate, Combinace Method CRES Construction Residency CRES Construction Residency CRES Construction Residency CRES Construction Residency	Test T27 Test T27 ned Test C93004	Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref. 703.01 Method Sieve Analysis of Fine and Coarse Aggregates Spec. Ref. 703.02 Method Aggregate_Sand Equivalent T 176 Sieve Analysis of Fine and Coarse Aggregates	Frequency 1 per 1,500 Frequency 1 per 1,500 Frequency 1 per 50,000	TON

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MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 1,500	TON
Material Code	Material Name		Spec. Ref.		
	co Base/CTB Alt1 Aggregate, Coarse		703.02	_	
Sample Type	Acceptance Method		Method	Frequency	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 1,500	TON
Material Code	Material Name		Spec. Ref.		
aggr017 O	pen Gr PC Conc Base Aggregate		703.03		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 1,500	TON
Material Code	Material Name		Spec. Ref.		
<u> </u>	BSC Aggregate Type A		703.05		
		T		F=====================================	
Sample Type MAT Material	Acceptance Method CRES Construction Residency	T27	Method Sieve Analysis of Fine and Coarse Aggregates	Frequency	TON
MAT Material	CRES Construction Residency	127	Sieve Analysis of Fine and Coarse Aggregates	1 per 1,500	TON
Material Code	Material Name		Spec. Ref.		
aggr028 TE	BSC Aggregate Type C		703.05		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 1,500	TON
Material Code	Material Name		Spec. Ref.		
	BSC Aggregate Type D		703.05		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 1,500	TON
Material Code	Material Name		Spec. Ref.	.,	
	BSC Aggregate Type E		703.05		
Sample Type	Acceptance Method	Tost	Method	Frequency	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 1,500	TON
- WAT Waterial	ONES Construction Residency	121	Sieve Analysis of Fine and Coarse Aggregates	1 pci 1,300	
Material Code	Material Name		Spec. Ref.		
aggr031 TE	BSC Aggregate Type F		703.05		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 1,500	TON
Material Code	Material Name		Spec. Ref.		
	icro Surf Aggregate Type I, Mineral		707.02		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 2,500	TON
				•	
Material Code	Material Name		Spec. Ref.		
aggr034 M	icro Surf Aggregate Type II, Mineral		707.02		
Sample Type	Acceptance Method	•	Method	<u>Frequency</u>	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 2,500	TON
Material Code	Material Name		Spec. Ref.		
aggr035 M	icro Surf Aggregate Type III, Mineral		707.02		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 2,500	TON

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Material Code	Material Name		Spec. Ref.		
aggr042 Gra	anular Backfill Aggregate		703.07		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 500	CY
Material Code	Material Name		Spec. Ref.		
	e Underdrain, Filter Sand		703.06		
	·	Tool		F	
Sample Type MAT Material	Acceptance Method CRES Construction Residency		Method Sieve Analysis of Fine and Coarse Aggregates	Frequency	CV
WAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 250	CY
Material Code	Material Name		Spec. Ref.		
aggr049 Sta	ndard Bedding Matl Class C		703.08		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
MAT Material	CRES Construction Residency	C95001	Density and Moisture Content of Soil Agg by Nuke Meth	1 per 50	CY
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 500	CY
Material Code	Material Name		Spec. Ref.		
aggr051 Pip	e Underdrain Aggregate, Coarse		703.06		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 250	CY
Matarial Carla	Material Name		Const. Def		
Material Code	Material Name		Spec. Ref.		
	Conc Aggregate, Fine	_	701.05	_	
Sample Type	Acceptance Method		Method	<u>Frequency</u>	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 500	TON
Material Code	Material Name		Spec. Ref.		
aggr056 HC	Conc Aggregate No 67, Coarse		701.06		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 500	TON
Material Code	Material Name		Spec. Ref.		
	Conc Aggregate No 57, Coarse		701.06		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 500	TON
				•	
Material Code	Material Name		Spec. Ref.		
aggr063 Hig	h Density Conc Aggregate, Combi	ned	701.10		
Sample Type	Acceptance Method		Method	<u>Frequency</u>	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 500	TON
Material Code	Material Name		Spec. Ref.		
aggr064 Lat	ex Mod Conc Aggregate, Combine	d	701.11		
Sample Type	Acceptance Method	<u>Test</u>	Method	Frequency	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 500	TON
Material Code	Material Name		Spec. Ref.		
·	bballast Aggregrate Type B		plan notes		
Sample Type	Acceptance Method	Toot	Method .	Frequency	
MAT Material	CRES Construction Residency	C95001	Density and Moisture Content of Soil Agg by Nuke Meth	Frequency 1 per 1,000	CY
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 1,000	CY
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Material Code	Material Name		Spec. Ref.		
	FST Calcined Bauxite Aggregate		SP707-1a09		
		Toot		Fraguency	
Sample Type	Acceptance Method		Method	Frequency	TON
MAT Material	MAT Materials Division MAT Materials Division	C94011 T27	Aggregate_LA Abrasion	1 per 500	TON
MAT Material	MAT Materials Division	127	Sieve Analysis of Fine and Coarse Aggregates	1 per 500	TON
Material Code	Material Name		Spec. Ref.		
aggr086 HF	FST Mine Chat Aggregate		SP707-1a09		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	Frequency	
MAT Material	MAT Materials Division	C94011	Aggregate_LA Abrasion	1 per 500	TON
MAT Material	MAT Materials Division	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 500	TON
Material Code	Material Name		Spec. Ref.		
asco004 As	sphalt Concrete, Type S2 (PG 76-28	з ок)	708		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
	sphalt Concrete, Type S2 (PG 70-28	з ок)	708		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
	sphalt Concrete, Type S2 (PG 64-22	2 OK)	708		
Sample Type	Acceptance Method	•	Method	Frequency	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
	<u> </u>		<u> </u>	•	
Material Code	Material Name		Spec. Ref.		
asco007 As	sphalt Concrete, Type S3 (PG 76-28	BOK)	708		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	<u>Frequency</u>	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
asco008 As	sphalt Concrete, Type S3 (PG 70-28	з ок)	708		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON

MAT Material MAT Materials MAT Material CRES Construction Residency C93015 HMA Ten Ten 23 1 per 1,000 MAT Material CRES Construction Residency C93015 HMA Density Test for Pavement Cores 1 per 1,000 Material Locia Material Name Spec. Ref. Assomble Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 1,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material Asphalt Concrete, Type 84 (PG 76-28 OK) 708 Sec. Ref. Sample Type Acceptance Method Test Method Frequency Material Name Acceptance Method Test Method Frequency Sample Type Acceptance Method Test Method Test Method Frequency MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Mate	Material Code	Material Name		Spec. Ref.		
MAT Material CRES Construction Residency C93004 Aggregate, Sand Equivalent T176 1per 20,000 MAT Material MAT Material Division C93005 HAMA TSRT 283 1per 10,000 MAT Material Concrete, Type \$4 (PG 76-28 UV) 708 Sample Type	asco009 As	sphalt Concrete, Type S3 (PG 64-22	2 OK)	708		
MAT Material CRES Construction Residency C33015 HMA Sample 1per 1,000 MAT Material CRES Construction Residency C33015 HMA Density Test for Pavement Cores 1per 1,000 MAT Material CRES Construction Residency C33016 HMA Density Test for Pavement Cores 1per 1,000 MAT Material Code	Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
MAT Material CRES Construction Residency C39015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Tost for Pavement Cores 1 per 1,000 Material Cacle Material Name Spec. Ref.	MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
Marterial CRES Construction Residency CR3016 MMA Density Test for Pavement Cores 1 per 1,000	MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
Material Code Material Name Spec. Rel.	MAT Material	•		HMA Sample	•	TON
Sample Type	MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Sample Type Acceptance Method Test Method Aggregate Sand Equivalent T 176 1 per 20,000	Material Code	Material Name		Spec. Ref.		
MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material MAT Material MAT Material 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. 708 Frequency MAT Material CRES Construction Residency C83004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93015 HMA T SRT 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. 708 Frequency Material Code Material Name Spec. Ref. 1 per 1,000 MAT Material MAT Material Spivision C93005	asco010 As	sphalt Concrete, Type S4 (PG 76-28	в ок)	708		
MAT Material MAT Materials Division C93005 HMA TSRT 283 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Sample 1 per 1,000 Material Code Material Name Spec. Ref. Sample Type Acceptance Method Test Method Test Method MAT Material Concrete, Type S4 (PG 70-28 OK) 708 Teguency MAT Material Concrete, Type S4 (PG 70-28 OK) 708 Teguency MAT Material MAT Material Division C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material ORES Construction Residency C93015 HMA TSR T 283 1 per 1,000 MAT Material Name CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Name Spec. Ref. Spec. Ref. Spec. Ref. Spec. Ref. Sample Type Acceptance Method Test Method Test Method Test Method MAT Material Division C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material Core CRES Construction Residency C93015 HMA Sample 1 per 10,000 MAT M	Sample Type	Acceptance Method	<u>Test</u>	Method	<u>Frequency</u>	
MAT Material Americal CRES Construction Residency C93015 C93016 C93016 HMA Density Test for Pavement Cores 1 per 1,000 pe	MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material Code Material Name Spec. Ref. Assemble Type Acceptance Method Test Method Frequency MAI MAT Material Name Spec. Ref. Frequency Sample Type Acceptance Method Test Method Frequency MAT Material Code Material Division C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material Code CRES Construction Residency C93016 HMA Sample 1 per 1,000 MAT Material Code CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Loade Asphalt Concrete, Type S4 (PG 64-22 OK) 708 Sample Type Acceptance Method Test Method Frequency Material Robert Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Robert Construction Residency C93016 HMA Test 123 1 per 10,000 MAT Material Concrete, Type S4 (PG 64-22 OK) 708 Frequency MAT Material Construction Residency C93016 HMA Test 23 1 per 10,000 MAT Material Division C93016 HMA Test 23 1 per 1,000 Material Name Spec. Ref. 1 per 1,000 Material Name Spec. Ref.	MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
Material Code Material Name Spec. Ref. asco011 Asphalt Concrete, Type S4 (PG 70-28 OK) 708 Sample Type Acceptance Method Test Herbod Frequency MAT Material CRES Construction Residency Q39004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency Q39015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency Q3916 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material Code Material Name Spec. Ref. 3 1 per 1,000 Material Code Material Name Spec. Ref. 3 1 per 1,000 Material Code Material Name Test Herbod Frequency MAT Material MAT Material Solvision C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material MAT Material Solvision C93015 HMA Sample 1 per 1,000 MAT Material MAT Material Name Spec. Ref. 1 per 1,000 Material Name Spec. Ref. 1 per 1,000 Material Name <td>MAT Material</td> <td>CRES Construction Residency</td> <td>C93015</td> <td>HMA Sample</td> <td>1 per 1,000</td> <td>TON</td>	MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
asco111 Asp-lat Concrete, Type S4 (PG 70-28 OK) 708 Sample Type Acceptance Method Test Method Prequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93015 HMA TSR T 283 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. 708 Prequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93015 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Resi	MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. **** **** Sample Type Acceptance Method Test Method **** **** MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA T ST 283 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Name Spec. Ref. **** *** *** Sample Type Acceptance Method Test Metho	Material Code	Material Name		Spec. Ref.		
MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. 5 per Ref. 5 per Ref. asco12 Asphalt Concrete, Type S4 (PG 64-22 CK) 708 708 5 per Ref. Sample Type Acceptance Method Test Method Frequency 4 per 1,000 MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93016 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material Division C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material Material Division	asco011 As	sphalt Concrete, Type S4 (PG 70-28	в ок)	708		
MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 10,000 Material Code Material Name Spec. Ref. 1 per 10,000 1 per 10,000 MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material MAT Material Name Spec. Ref.	Sample Type	Acceptance Method	<u>Test</u>	Method	Frequency	
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MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. asco012 Asphalt Concrete, Type S4 (PG 64-22 VK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93016 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. Spec. Ref. Spec. Ref. Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 </td <td>MAT Material</td> <td>MAT Materials Division</td> <td>C93005</td> <td>HMA TSR T 283</td> <td>1 per 10,000</td> <td>TON</td>	MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
Material Code asco012 Material Name asco012 Spec. Ref. asco012 Asphalt Concrete, Type S4 (PG 64-22 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 10,000 Material Code Material Name asco013 Asphalt Concrete, Type 55 (PG 76-28 OK) 708 Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93005 HMA Sample 1 per 10,000 MAT Material CRES Construction Residency C93005 HMA Density Test for Pavement Cores 1 per 10,000 <tr< td=""><td>MAT Material</td><td>CRES Construction Residency</td><td>C93015</td><td>HMA Sample</td><td>1 per 1,000</td><td>TON</td></tr<>	MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
asco012 Asphalt Concrete, Type S4 (PG 64-22 UK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. asco013 Asphalt Concrete, Type S5 (PG 76-28 UK) 708 Sample Type Acceptance Method Test Method Erequency MAT Material CRES Construction Residency C93005 HMA TSR T 283 1 per 1,000 MAT Material CRES Construction Residency C93005 HMA Sample 1 per 10,000 MAT Material Division C93005 HMA Sample 1 per 1,000 Material Name Spec. Ref. asco014 Asphalt Concrete, Type S5 (PG 70-28 UK)	MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
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MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. Spec. Ref. asco13 Asphalt Concrete, Type S5 (PG 76-28 OK) 708 Sample Type Acceptance Method Test Method Erequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93015 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material Asphalt Concrete, Type S5 (PG 70-28 OK) 708 708 Sample Type Acceptance Method Test Method Test Method Frequency MAT Material CRES Construction Residency C93016 HMA TSR T 283 Equivalent T 176 1 per 1,000	Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	<u>Frequency</u>	
MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. asco013 Asphalt Concrete, Type S5 (PG 76-28 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. asco014 Asphalt Concrete, Type S5 (PG 70-28 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Sample 1 per 10	MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
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Material Code Material Name Spec. Ref. asco013 Asphalt Concrete, Type S5 (PG 76-28 OK) 708 Sample Type Acceptance Method Test Method Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material Code Material Name Spec. Ref. asco014 Asphalt Concrete, Type S5 (PG 70-28 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93015 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93015 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 MAT Material CRES Construction Residency C93016 MATERIAL Representation T 176 MATERIAL Representation T 176 MATERIAL Representation T 176 MATERIAL Repres	MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. Spec. Ref. Spec. Ref. Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material Mate	MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Sample Type	Material Code	Material Name		Spec. Ref.		
MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material Code Material Name Spec. Ref. asco014 Asphalt Concrete, Type S5 (PG 70-28 OK) 708 Sample Type Acceptance Method Test Method Type S5 (PG 70-28 OK) Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93016 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material Code Material Name Spec. Ref. asco015 Asphalt Concrete, Type S5 (PG 64-22 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material Code Material Name Spec. Ref. asco015 Asphalt Concrete, Type S5 (PG 64-22 OK) 708 MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000	asco013 As	sphalt Concrete, Type S5 (PG 76-28	в ок)	708		
MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. asco014 Asphalt Concrete, Type S5 (PG 70-28 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material CRES Construction Residency C93015 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material Code Material Name Spec. Ref. Spec. Ref. Spec. Ref. Spec. Ref. Test Method Frequency MAT Material Code Material Name Spec. Ref. Spec. Ref. Spec. Ref. Asphalt Concrete, Type S5 (PG 64-22 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93014 Aggregate_Sand Equivalent T 176 1 per 20,000	Sample Type	Acceptance Method	<u>Test</u>	Method	<u>Frequency</u>	
MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 Material Code Material Name Spec. Ref. asco014 Asphalt Concrete, Type S5 (PG 70-28 OK) 708 Sample Type Acceptance Method Test Method Test More Spec. Ref. 1 per 1,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. Spec. Ref. Spec. Ref. Spec. Ref. Spec. Ref. Spec. Ref. Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000	MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. asco014 Asphalt Concrete, Type S5 (PG 70-28 OK) 708 Sample Type Acceptance Method Test Method Erequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. asco015 Asphalt Concrete, Type S5 (PG 64-22 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000	MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
Material Code Material Name Spec. Ref. asco014 Asphalt Concrete, Type S5 (PG 70-28 OK) 708 Sample Type Acceptance Method Test Method 1 per 20,000 MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. asco015 Asphalt Concrete, Type S5 (PG 64-22 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000	MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
Asphalt Concrete, Type S5 (PG 70-28 OK) Sample Type	MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Sample TypeAcceptance MethodTest MethodFrequencyMAT MaterialCRES Construction ResidencyC93004Aggregate_Sand Equivalent T 1761 per 20,000MAT MaterialMAT Materials DivisionC93005HMA TSR T 2831 per 10,000MAT MaterialCRES Construction ResidencyC93015HMA Sample1 per 1,000MAT MaterialCRES Construction ResidencyC93016HMA Density Test for Pavement Cores1 per 1,000Material CodeMaterial NameSpec. Ref.asco015Asphalt Concrete, Type S5 (PG 64-22 OK)708Sample TypeAcceptance MethodTest MethodFrequencyMAT MaterialCRES Construction ResidencyC93004Aggregate_Sand Equivalent T 1761 per 20,000	Material Code	Material Name		Spec. Ref.		
MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000 MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. asco015 Asphalt Concrete, Type S5 (PG 64-22 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000	asco014 As	sphalt Concrete, Type S5 (PG 70-28	в ок)	708		
MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. asco015 Asphalt Concrete, Type S5 (PG 64-22 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000	Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material MAT Materials Division C93005 HMA TSR T 283 1 per 10,000 MAT Material CRES Construction Residency C93015 HMA Sample 1 per 1,000 MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. asco015 Asphalt Concrete, Type S5 (PG 64-22 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000	MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material CRES Construction Residency C93016 HMA Density Test for Pavement Cores 1 per 1,000 Material Code Material Name Spec. Ref. asco015 Asphalt Concrete, Type S5 (PG 64-22 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000	MAT Material	MAT Materials Division	C93005	,	1 per 10,000	TON
Material Code Material Name Spec. Ref. asco015 Asphalt Concrete, Type S5 (PG 64-22 OK) 708 Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000	MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
Asphalt Concrete, Type S5 (PG 64-22 OK) Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000	MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Sample Type Acceptance Method Test Method Frequency MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000	Material Code	Material Name		Spec. Ref.		
MAT Material CRES Construction Residency C93004 Aggregate_Sand Equivalent T 176 1 per 20,000	asco015 As	sphalt Concrete, Type S5 (PG 64-22	2 OK)	708		
200	Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
Friday December 11, 2020	MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
rinday, December 11, 2020 Page:	Friday, Decemb	er 11, 2020		2009	Pag	e 5 of 1

MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
asco016 As	sphalt Concrete, Type S6 (PG 76-28	в ок)	708		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
asco017 As	sphalt Concrete, Type S6 (PG 70-28	з ок)	708		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
				·	
Material Code	Material Name	OK)	<u>Spec. Ref.</u> 708		
	sphalt Concrete, Type S6 (PG 64-22	•		_	
Sample Type	Acceptance Method		<u>Method</u>	<u>Frequency</u>	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
asco023 As	sphalt Concrete, Type OGBB		708		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	<u>Frequency</u>	
MAT Material	CRES Construction Residency	T30	Mechanical Analysis of Extracted Aggregate	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
	sphalt Concrete, Type OGFSC		708		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	T30	Mechanical Analysis of Extracted Aggregate	1 per 1,000	TON
- Waterial	Ortzo construction residency	100	Modification / Maryon of Extraorda / Aggregate	1 pci 1,000	
Material Code	Material Name		Spec. Ref.		
asco027 As	sphalt Concrete, Type 1/2" SMA		708		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
<u> </u>	sphalt Concrete, Type 1/2" PFC		708		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
ivia i iviatellal	GRES Construction Residency	C83015	LINIA Sample	1 per 1,000	ION

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Material Code	Material Name		Spec. Ref.		
asco030 As	sphalt Concrete, Micro Surf, Type I		707		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	C93013	Asphalt Binder Content by Ignition	1 per 500	TON
MAT Material	CRES Construction Residency	T30	Mechanical Analysis of Extracted Aggregate	1 per 500	TON
Material Code	Material Name		Spec. Ref.		
asco031 As	sphalt Concrete, Micro Surf, Type II	I	707		
Sample Type	Acceptance Method	<u>Test</u>	Method	<u>Frequency</u>	
MAT Material	CRES Construction Residency	C93013	Asphalt Binder Content by Ignition	1 per 500	TON
MAT Material	CRES Construction Residency	T30	Mechanical Analysis of Extracted Aggregate	1 per 500	TON
Material Code	Material Name		Spec. Ref.		
asco032 As	sphalt Concrete, Micro Surf, Type II	II	707		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	C93013	Asphalt Binder Content by Ignition	1 per 500	TON
MAT Material	CRES Construction Residency	T30	Mechanical Analysis of Extracted Aggregate	1 per 500	TON
Material Code	Material Name		Spec. Ref.		
asco038 As	sphalt Concrete, UTBWC, Type C		707		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 2,500	TON
MAT Material	CRES Construction Residency	C93013	Asphalt Binder Content by Ignition	1 per 500	TON
MAT Material	CRES Construction Residency	T30	Mechanical Analysis of Extracted Aggregate	1 per 500	TON
Material Code	Material Name		Spec. Ref.		
asco040 As	sphalt Concrete, Rich Bottom Laye	r	708		
Sample Type	Acceptance Method	<u>Test</u>	Method	<u>Frequency</u>	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
asco041 As	sphalt Concrete, Type S3 (PG 76-28	3 E)	SP708-2409		
Sample Type	Acceptance Method	<u>Test</u>	Method	Frequency	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
asco042 As	sphalt Concrete, Type S5 (PG 76-28	; E)	SP708-2409		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Material	CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON

Material Code	<u>Material Name</u>		Spec. Ref.		
asco043	Asphalt Concrete, RIL (PG 76-28 E)		SP411-1509		
Sample Type	Acceptance Method	Test	Metho <u>d</u>	Frequency	
MAT Materia		C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Material	•	C93004	HMA TSR T 283	1 per 10,000	TON
MAT Material		C93015	HMA Sample	1 per 1,000	TON
MAT Material		C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
	Asphalt Concrete, Type S4 (PG 76-28	F)	SP708-2409		
				_	
Sample Type	·		Method	<u>Frequency</u>	
MAT Materia	•	C93004	Aggregate_Sand Equivalent T 176	1 per 20,000	TON
MAT Materia		C93005	HMA TSR T 283	1 per 10,000	TON
MAT Materia	I CRES Construction Residency	C93015	HMA Sample	1 per 1,000	TON
MAT Materia	I CRES Construction Residency	C93016	HMA Density Test for Pavement Cores	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
asph009	Asphalt, Emulsified, Type MS-2		708.03		
Sample Type	Acceptance Method	<u>Test</u>	Method	Frequency	
MAT Materia	I MAT Materials Division	C91006	Emulsified Asphalt_Project Sample	1 per 100,000	GAL
Material Code	Material Name		Spec. Ref.		
asph021	Asphalt, Emulsified, Type PMCSS-1H		708.03		
•		Tost		Fraguanay	
Sample Type	· · · · · · · · · · · · · · · · · · ·		Method	Frequency	0.41
MAT Materia	I MAT Materials Division	C91006	Emulsified Asphalt_Project Sample	1 per 10,000	GAL
Material Code	Material Name		Spec. Ref.		
asph024	Asphalt, Emulsified, Type PMCRS-1S		708.03		
Sample Type	Acceptance Method	<u>Test</u>	Method	<u>Frequency</u>	
MAT Materia	I MAT Materials Division	C91006	Emulsified Asphalt_Project Sample	1 per 100,000	GAL
Material Code	<u>Material Name</u>		Spec. Ref.		
asph029	Asphalt, Emulsified, Type ARA-1P		SP		
•		T		F=====================================	
Sample Type			Method	Frequency	
MAT Materia	I MAT Materials Division	C91005	Emulsified Asphalt_QM Sample	1 per 20,000	GAL
Material Code	Material Name		Spec. Ref.		
base001	Aggregate Base (98% Compaction)		303		
Sample Type	e Acceptance Method	Test	Method .	Frequency	
MAT Material		C95001	Density and Moisture Content of Soil Agg by Nuke Meth	1 per 800	CY
Material Code	<u> </u>		Spec. Ref.		
base002	Aggregate Base (95% Compaction)		303		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	<u>Frequency</u>	
MAT Materia	I CRES Construction Residency	C95001	Density and Moisture Content of Soil Agg by Nuke Meth	1 per 800	CY
Material Code	Material Name		Spec. Ref.		
base008	Subgrade Method B		310.04(B)		
Sample Type	_	Tact	Method	Frequency	
	•	C95001		<u> </u>	SY
MAT Material	I CRES Construction Residency	C93001	Density and Moisture Content of Soil Agg by Nuke Meth	1 per 2,500	31

Sample Type	Acceptance Method	<u>ı est</u>	<u>Method</u>	<u>Frequency</u>	
	ct Wire/Cable, Building/Highway Li	_	738.02	_	
Material Code	Material Name		Spec. Ref.		
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 1,000	LF
Sample Type	Acceptance Method	Test	Method	Frequency	
drai028 Cor	rrug. Polyethylene/Polypropylene P	ipe	726.02		
Material Code	Material Name		Spec. Ref.		
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 250	LF
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 250	EACH
Sample Type	Acceptance Method	Test	Method	Frequency	
	rrugated Metal Pipe (CMP)		726.02		
Material Code	Material Name		Spec. Ref.		
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 2,500	GAL
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
	uid Membrane Curing Compound		701.07(C)		
Material Code	Material Name		Spec. Ref.		
DOC Document	CRES Construction Residency		Acceptance of Pre Approved Products	1 per 1,000	TON
Sample Type	Acceptance Method	<u>Tes</u> t	<u>Method</u>	Frequency	
'	ment Kiln Dust (CKD)		702.03		
Material Code	Material Name		Spec. Ref.		
MAT Material	CRES Construction Residency	C95005	In Place Density of Cement Treated Base by Nuclear Methods	1 per 2,500	SY
MAT Material	CRES Construction Residency	C95004	CTB Tests on Field Molded Specimens	1 per 10,000	SY
Sample Type	Acceptance Method	Test	Method	Frequency	
	ment Treated Base (CTB)		317		
Material Code	Material Name		Spec. Ref.		
MAT Material	CRES Construction Residency	C95003	In Place Density of OGPCCB by Nuclear Method	1 per 2,500	SY
Sample Type	Acceptance Method	<u>Tes</u> t	<u>Method</u>	Frequency	
	en Gr PC Conc Base		319		
Material Code	Material Name		Spec. Ref.		
MAT Material	CRES Construction Residency	C94025	Fresh Concrete Tests	1 per 5,000	SY
MAT Material	CRES Construction Residency	C94014	Compressive Strength of Concrete Cylinders	1 per 5,000	SY
Sample Type	Acceptance Method	Test	Method	Frequency	
	Material Name ono Base		Spec. Ref. 318		
Material Code	Matarial Nama				
MAT Material	CRES Construction Residency	C95001	Density and Moisture Content of Soil Agg by Nuke Meth	1 per 2,500	SY
Sample Type	Acceptance Method	Test	Method	Frequency	
Material Code base010 Sta	Material Name bilized Subgrade		<u>Spec. Ref.</u> 307		
Matarial Carla	Material Name		Const. Def		
MAT Material	CRES Construction Residency	C95001	Density and Moisture Content of Soil Agg by Nuke Meth	1 per 1,000	LF
Sample Type	Acceptance Method	Test	Method	Frequency	
	sting Base and Surface		311		
Material Code	Material Name		Spec. Ref.		

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DOC Document	CRES Construction Residency	AM5011	Acceptance Form for Bldg or Hwy Lighting Electric Wire	1 per 5,000	LF
Material Code	Material Name		Spec. Ref.		
elec007 Elec	ct Cable, Communication		738.03		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
DOC Document	CRES Construction Residency	AM5012	Acceptance of Communication Electric Cable	1 per 5,000	LF
Material Code	Material Name		Spec. Ref.		
elec008 Elec	ct Cable, Traffic Signal		738.01		
Sample Type	Acceptance Method	Test	Method	Frequency	
DOC Document	CRES Construction Residency	AM5008	Acceptance of Traffic Signal Electric Cable	1 per 5,000	LF
Material Code	Material Name		Spec. Ref.		
elec009 Elec	ct Wire, Traffic Signal Wire		738.01		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
DOC Document	CRES Construction Residency	AM5010	Acceptance of Dectector Loop Wire	1 per 5,000	LF
Material Code	Material Name		Spec. Ref.		
elec014 Elec	ct Cable, Loop Detector Lead-in		738.01		
Sample Type	Acceptance Method	Test	Method	Frequency	
DOC Document	CRES Construction Residency	AM5009	Acceptance of Shielded Loop Detector Lead In Cable	1 per 5,000	LF
Material Code	Material Name		Spec. Ref.		
	thwork, Select Borrow		202		
	·	Toot	Method	Fraguenay	
Sample Type MAT Material	Acceptance Method CRES Construction Residency	C95001	Density and Moisture Content of Soil Agg by Nuke Meth	Frequency 1 per 2,000	CY
	,	C93001		1 per 2,000	
Material Code	Material Name		Spec. Ref.		
	thwork, Excavation/Embankment	_	202	_	
Sample Type	Acceptance Method		Method	Frequency	6) (
MAT Material	CRES Construction Residency	C95001	Density and Moisture Content of Soil Agg by Nuke Meth	1 per 2,000	CY
Material Code	Material Name		Spec. Ref.		
ewrk003 Eart	thwork, Trench Backfill		613.04		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
MAT Material	CRES Construction Residency	C95001	Density and Moisture Content of Soil Agg by Nuke Meth	1 per 250	LF
Material Code	Material Name		Spec. Ref.		
ewrk004 Eart	thwork, Machine Grading		209		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	C95001	Density and Moisture Content of Soil Agg by Nuke Meth	1 per 2,500	LF
Material Code	Material Name		Spec. Ref.		
ewrk009 Eart	thwork, Structure Excav & Backfill		501		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	C95001	Density and Moisture Content of Soil Agg by Nuke Meth	1 per 2,000	CY
Material Code	Material Name		Spec. Ref.		
	ric Reinf for Asphalt Concrete Pvn	nt	712.01		
Sample Type	Acceptance Method		Method	Frequency	
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 50,000	SY
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Material Code Material Name	Spec. Ref.	
Material Code Material Name fabr002 Fabric, Permanent Erosion Control	<u> Зрес. кет.</u> 712.02	
		_
Sample Type Acceptance Method	Test Method	Frequency
DOC Document CRES Construction Residency	AM5001 Acceptance of Pre Approved Products	1 per 5,000 SY
Material Code Material Name	Spec. Ref.	
fabr004 Fabric, Geotextile Subgrade Reinford	ce 712.04	
Sample Type Acceptance Method	Test Method	<u>Frequency</u>
DOC Document CRES Construction Residency	AM5001 Acceptance of Pre Approved Products	1 per 5,000 SY
Material Code Material Name	Spec. Ref.	
fabr005 Fabric, Separator for Bases	712.05	
		Fraguenay
Sample Type Acceptance Method DOC Document CRES Construction Residency	Test Method AM5001 Acceptance of Pre Approved Products	Frequency 1 per 50,000 SY
DOC Document CRES Construction Residency	AM5001 Acceptance of Pre Approved Products	T per 50,000 - 5 f
Material Code Material Name	Spec. Ref.	
fabr006 Fabric, Silt Fence Filter	712.06	
Sample Type Acceptance Method	Test Method	<u>Frequency</u>
DOC Document	AM5001 Acceptance of Pre Approved Products	1 per 5,000 LF
Material Code Material Name	Spec. Ref.	
fabr010 Geogrid	712.07	
Sample Type Acceptance Method	Test Method	<u>Frequency</u>
DOC Document CRES Construction Residency	AM5001 Acceptance of Pre Approved Products	1 per 5,000 SY
Material Code Material Name	Spec. Ref.	
fabr013 Fabric, Separator for Bond Breaker	317.02	
Sample Type Acceptance Method	Test Method	<u>Frequency</u>
DOC Document	AM5001 Acceptance of Pre Approved Products	1 per 50,000 SY
Material Code Material Name	Spec. Ref.	
fenc002 Fence Wire, Woven, Zinc Coated	732.06	
Sample Type Acceptance Method	Test Method	Frequency
MAT Material MAT Materials Division	C92013 Fence_Woven Wire	1 per 16,500 LF
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Material Code Material Name	Spec. Ref.	
fenc004 Fence Wire, Barbed	732.06	
Sample Type Acceptance Method	<u>Test Method</u>	<u>Frequency</u>
MAT Material MAT Materials Division	C92010 Fence_Barbed Wire	1 per 66,000 LF
Material Code Material Name	Spec. Ref.	
fenc007 Fence Wire, Barbless, Zinc Coated	732.06	
Sample Type Acceptance Method	Test Method	<u>Frequency</u>
MAT Material MAT Materials Division	C92011 Fence_Barbless Wire	1 per 66,000 LF
Material Code Material Name	Spec. Ref.	
fenc009 Fence Posts, Steel	732.06	
,		F
Sample Type Acceptance Method MAT Meterial MAT Meterials Division	Test Method	Frequency
MAT Material MAT Materials Division	C92012 Fence_T Post	1 per 1,000 EACH

Material Code	Material Name		Spec. Ref.		
fenc011 Fen	nce Wire, Tie		732.06		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
MAT Material	MAT Materials Division	C92040	Post Ties for SWF and WWF	1 per 1,000,000	EACH
Material Code	Material Name		Spec. Ref.		
fenc016 Fen	nce Wire, Chain Link Fabric		732.07		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
MAT Material	MAT Materials Division	C92015	Fence_CLF Fabric	1 per 5,000	LF
Material Code	Material Name		Spec. Ref.		
fenc017 Fen	nce Wire, Chain Link Tension		732.07		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
MAT Material	MAT Materials Division	C92014	Fence_Tension Wire	1 per 1,000,000	LF
Material Code	Material Name		Spec. Ref.		
fenc018 Fen	nce Wire, Chain Link Tie		732.07		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
MAT Material	MAT Materials Division	C92048	Post Ties for Chain Link Fence (CLF)	1 per 1,000,000	EACH
Material Code	Material Name		Spec. Ref.		
fenc019 Fen	nce Posts, Chain Link Support		732.07		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	MAT Materials Division	C92016	Fence_CLF Support Posts	1 per 1,000	EACH
Material Code	Material Name		Spec. Ref.		
fenc020 Fen	nce Posts, Chain Link Line		732.07		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	MAT Materials Division	C92017	Fence_CLF Line Post	1 per 1,000	EACH
Material Code	Material Name		Spec. Ref.		
fenc021 Fen	nce Rail, Chain Link, Top or Brace		732.07		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	MAT Materials Division	C92018	Fence_CLF Brace and Top Rails	1 per 1,000,000	LF
Material Code	Material Name		Spec. Ref.		
	nce Wire, Tension		732.06		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	MAT Materials Division	C92014	Fence_Tension Wire	1 per 1,000,000	IUC
Material Code	Material Name		Spec. Ref.		
lime002 Lim	ne, Quick		706.02		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	MAT Materials Division	C92001	Quick Lime_Lab Analysis	1 per 250	TON
Material Code	Material Name		Spec. Ref.		
ljoi001 Asp	ohalt Longitudinal Joint Density		SP411-12		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	C93019	Asphalt Longitudinal Joint Density	1 per 1,000	TON
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Material Code	Material Name		Spec. Ref.		
pcco001 HC	Conc Class AA(AE)		701.01		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	C94014	Compressive Strength of Concrete Cylinders	1 per 150	CY
MAT Material	CRES Construction Residency	C94014	Compressive Strength of Concrete Cylinders	1 per 70	CY
MAT Material	CRES Construction Residency	C94025	Fresh Concrete Tests	1 per 75	CY
MAT Material	CRES Construction Residency	C94025	Fresh Concrete Tests	1 per 35	CY
Material Code	Material Name		Spec. Ref.		
pcco002 HC	Conc Class A (AE)		701.01		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
MAT Material	CRES Construction Residency	C94014	Compressive Strength of Concrete Cylinders	1 per 2,500	CY
MAT Material	CRES Construction Residency	C94014	Compressive Strength of Concrete Cylinders	1 per 70	CY
MAT Material	CRES Construction Residency	C94014	Compressive Strength of Concrete Cylinders	1 per 625	CY
MAT Material	CRES Construction Residency	C94025	Fresh Concrete Tests	1 per 2,500	CY
MAT Material	CRES Construction Residency	C94025	Fresh Concrete Tests	1 per 35	CY
MAT Material	CRES Construction Residency	C94025	Fresh Concrete Tests	1 per 625	CY
Material Code	Material Name		Spec. Ref.		
рссо004 НС	Conc Class C(AE)		701.01		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	C94014	Compressive Strength of Concrete Cylinders	1 per 70	CY
MAT Material	CRES Construction Residency	C94025	Fresh Concrete Tests	1 per 35	CY
Material Code	Material Name		Spec. Ref.		
рссо006 НС	Conc, High Density - HDC		701.10		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	C94014	Compressive Strength of Concrete Cylinders	1 per 70	CY
MAT Material	CRES Construction Residency	C94025	Fresh Concrete Tests	1 per 35	CY
Material Code	Material Name		Spec. Ref.		
рссо007 НС	Conc, Latex Modified - LMC		701.11		
Sample Type	Acceptance Method	Test	NA distribution		
			Method	Frequency	
MAT Material	CRES Construction Residency		Method Compressive Strength of Concrete Cylinders	Frequency 1 per 70	CY
MAT Material MAT Material	CRES Construction Residency CRES Construction Residency	C94014 C94025	Compressive Strength of Concrete Cylinders Fresh Concrete Tests	Frequency 1 per 70 1 per 35	CY CY
MAT Material	CRES Construction Residency	C94014	Compressive Strength of Concrete Cylinders Fresh Concrete Tests	1 per 70	
MAT Material Material Code	,	C94014 C94025	Compressive Strength of Concrete Cylinders	1 per 70	
MAT Material Material Code pcco008 HC	CRES Construction Residency Material Name Conc, Cont Low Strngth Matl - CL	C94014 C94025	Compressive Strength of Concrete Cylinders Fresh Concrete Tests Spec. Ref. 701.19	1 per 70 1 per 35	
MAT Material Material Code pcco008 HC Sample Type	CRES Construction Residency Material Name Conc, Cont Low Strngth Matl - CL Acceptance Method	C94014 C94025 .SM	Compressive Strength of Concrete Cylinders Fresh Concrete Tests Spec. Ref. 701.19 Method	1 per 70 1 per 35 Frequency	CY
MAT Material Material Code pcco008 HC	CRES Construction Residency Material Name Conc, Cont Low Strngth Matl - CL	C94014 C94025	Compressive Strength of Concrete Cylinders Fresh Concrete Tests Spec. Ref. 701.19	1 per 70 1 per 35	
MAT Material Material Code pcco008 HC Sample Type	CRES Construction Residency Material Name Conc, Cont Low Strngth Matl - CL Acceptance Method	C94014 C94025 .SM	Compressive Strength of Concrete Cylinders Fresh Concrete Tests Spec. Ref. 701.19 Method	1 per 70 1 per 35 Frequency	CY
MAT Material Material Code pcco008 HC Sample Type MAT Material Material Code	CRES Construction Residency Material Name Conc, Cont Low Strngth Matl - CL Acceptance Method CRES Construction Residency	C94014 C94025 .SM	Compressive Strength of Concrete Cylinders Fresh Concrete Tests Spec. Ref. 701.19 Method CLSM_Compressive Strength	1 per 70 1 per 35 Frequency	CY
MAT Material Material Code pcco008 HC Sample Type MAT Material Material Code	CRES Construction Residency Material Name Conc, Cont Low Strngth Matl - CL Acceptance Method CRES Construction Residency Material Name	C94014 C94025 SM <u>Test</u> C94004	Compressive Strength of Concrete Cylinders Fresh Concrete Tests Spec. Ref. 701.19 Method CLSM_Compressive Strength Spec. Ref.	1 per 70 1 per 35 Frequency	CY
MAT Material Material Code pcco008 HC Sample Type MAT Material Material Code pcco017 Op	CRES Construction Residency Material Name Conc, Cont Low Strngth Matl - CL Acceptance Method CRES Construction Residency Material Name Den Gr PC Conc Base - Mix	C94014 C94025 SM <u>Test</u> C94004	Compressive Strength of Concrete Cylinders Fresh Concrete Tests Spec. Ref. 701.19 Method CLSM_Compressive Strength Spec. Ref. 319.04(C)	1 per 70 1 per 35 <u>Frequency</u> 1 per 100	CY
MAT Material Material Code pcco008 HC Sample Type MAT Material Material Code pcco017 Op Sample Type	CRES Construction Residency Material Name Conc, Cont Low Strngth Matl - CL Acceptance Method CRES Construction Residency Material Name Den Gr PC Conc Base - Mix Acceptance Method	C94014 C94025 .SM Test C94004	Compressive Strength of Concrete Cylinders Fresh Concrete Tests Spec. Ref. 701.19 Method CLSM_Compressive Strength Spec. Ref. 319.04(C) Method	1 per 70 1 per 35 Frequency 1 per 100 Frequency	CY
MAT Material Material Code pcco008 HC Sample Type MAT Material Material Code pcco017 Op Sample Type MAT Material Material Code	CRES Construction Residency Material Name Conc, Cont Low Strngth Matl - CL Acceptance Method CRES Construction Residency Material Name Den Gr PC Conc Base - Mix Acceptance Method CRES Construction Residency	C94014 C94025 .SM Test C94004	Compressive Strength of Concrete Cylinders Fresh Concrete Tests Spec. Ref. 701.19 Method CLSM_Compressive Strength Spec. Ref. 319.04(C) Method Density Unit Weight of Concrete	1 per 70 1 per 35 Frequency 1 per 100 Frequency	CY
MAT Material Material Code pcco008 HC Sample Type MAT Material Material Code pcco017 Op Sample Type MAT Material Material Code	CRES Construction Residency Material Name Conc, Cont Low Strngth Matl - CL Acceptance Method CRES Construction Residency Material Name Den Gr PC Conc Base - Mix Acceptance Method CRES Construction Residency Material Name Material Name	C94014 C94025 SM Test C94004 Test C94045	Compressive Strength of Concrete Cylinders Fresh Concrete Tests Spec. Ref. 701.19 Method CLSM_Compressive Strength Spec. Ref. 319.04(C) Method Density Unit Weight of Concrete Spec. Ref.	1 per 70 1 per 35 Frequency 1 per 100 Frequency	CY
MAT Material Material Code pcco008 HC Sample Type MAT Material Material Code pcco017 Op Sample Type MAT Material Material Code pcco018 HC	CRES Construction Residency Material Name Conc, Cont Low Strngth Matl - CL Acceptance Method CRES Construction Residency Material Name Den Gr PC Conc Base - Mix Acceptance Method CRES Construction Residency Material Name CRES Construction Residency Material Name Conc Very Early Str Type I (VESI)	C94014 C94025 SM Test C94004 Test C94045	Compressive Strength of Concrete Cylinders Fresh Concrete Tests Spec. Ref. 701.19 Method CLSM_Compressive Strength Spec. Ref. 319.04(C) Method Density Unit Weight of Concrete Spec. Ref. 701.20	1 per 70 1 per 35 Frequency 1 per 100 Frequency 1 per 20,000	CY

Material Code Material Name	Spec. Ref.	
pcco019 HC Conc Very Early Str Type III (V	ESIII) 701.20	
Sample Type Acceptance Method	<u>Test Method</u>	<u>Frequency</u>
MAT Material CRES Construction Residency	C94014 Compressive Strength of Concrete Cylinders	0 per 70 CY
MAT Material CRES Construction Residency	C94025 Fresh Concrete Tests	0 per 35 CY
Material Code Material Name	Spec. Ref.	
pcco020 HC Conc Rapid Setting Latex Mod	(RSLMC) 701.20	
Sample Type Acceptance Method	<u>Test Method</u>	<u>Frequency</u>
MAT Material CRES Construction Residency	C94014 Compressive Strength of Concrete Cylinders	0 per 70 CY
MAT Material CRES Construction Residency	C94025 Fresh Concrete Tests	0 per 35 CY
Material Code Material Name	Spec. Ref.	
qual001 HC Conc Admixture, Liquid	701.03	
Sample Type Acceptance Method	<u>Test Method</u>	Frequency
DOC Document	AM5001 Acceptance of Pre Approved Products	1 per 10,000 IUC
Material Code Material Name	Spec. Ref.	
qual002 Hydraulic Cement	701.02	
Sample Type Acceptance Method	Test Method	<u>Frequency</u>
DOC Document CRES Construction Residency	AM5001 Acceptance of Pre Approved Products	1 per 1,000 TON
Material Code Material Name	Spec. Ref.	
qual003 Fly Ash	702.01	
Sample Type Acceptance Method	Test Method	<u>Frequency</u>
DOC Document CRES Construction Residency	AM5001 Acceptance of Pre Approved Products	1 per 1,000 TON
DOC Document CRES construction residency	AWISOUT Acceptance of FTE Approved FTOULCES	1 per 1,000 10N
Material Code Material Name	Spec. Ref.	
qual004 Prestressed Concrete Bridge Item	503	
Sample Type Acceptance Method	<u>Test Method</u>	<u>Frequency</u>
DOC Document CRES Construction Residency	AM5002 Acceptance of Pre Delivery Inspected	1 per 10,000 LF
DOC Document CRES Construction Residency	AM5002 Acceptance of Pre Delivery Inspected	1 per 10,000 EACH
Material Code Material Name	Spec. Ref.	
qual005 Fabricated Structural Steel Item	724	
Sample Type Acceptance Method	<u>Test Method</u>	Frequency
DOC Document	AM5002 Acceptance of Pre Delivery Inspected	1 per 1,000,000 LB
Material Code Material Name	Spec. Ref.	
qual007 Gray Iron Castings	725.03	
Sample Type Acceptance Method	Test Method	<u>Frequency</u>
DOC Document CRES Construction Residency	AM5004 Acceptance of Iron Castings	1 per 50 EACH
Material Code Material Name	Spec. Ref.	·
qual008 Reinforced Concrete Pipe	726.01	
Sample Type Acceptance Method	Test Method	<u>Frequency</u>
DOC Document CRES Construction Residency	AM5002 Acceptance of Pre Delivery Inspected	1 per 250 IUC
<u> </u>		
Material Code Material Name	Spec. Ref.	
qual010 Cut-Back Asphalt	708.03	_
Sample Type Acceptance Method	Test Method	<u>Frequency</u>
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DOC Document	CRES Construction Residency	AM5001	Acceptan	ce of Pre Approved	Products	1 per 100,000	GAL
Material Code	Material Name		Spec. F	Ref.			
qual011 Em	ulsified Asphalt		708.03				
Sample Type	Acceptance Method	Test	<u>Method</u>			Frequency	
DOC Document	CRES Construction Residency	AM5001	Acceptan	ce of Pre Approved	Products	1 per 100,000	GAL
Material Code	Material Name		Spec. F	Ref.			
qual012 Bar	Steel Reinforcement, Billet-Mill		723.01				
Sample Type	Acceptance Method	Test	Method			<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5005	Acceptan	ce of Reinforcing S	teel	1 per 1,000,000	LB
Material Code	Material Name		Spec. F	Ref.			
qual021 Fab	ricated Reinforcing Steel Item		723				
Sample Type	Acceptance Method	Test	Method			<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5005	Acceptan	ce of Reinforcing S	teel	1 per 50,000	LB
Material Code	Material Name		Spec. F	Ref.			
qual022 Epo	oxy Coated Reinforcing Steel		723				
Sample Type	Acceptance Method	Test	<u>Method</u>			Frequency	
DOC Document	CRES Construction Residency	AM5005	Acceptan	ce of Reinforcing S	teel	1 per 50,000	LB
DOC Document	CRES Construction Residency	AM5005	Acceptan	ce of Reinforcing S	teel	1 per 1,000,000	LB
Material Code	Material Name		Spec. F	Ref.			
qual023 Pre	cast Concrete Drainage Structure		611				
Sample Type	Acceptance Method	Test	Method			Frequency	
DOC Document	CRES Construction Residency	AM5002	Acceptan	ce of Pre Delivery I	nspected	1 per 50	EACH
Material Code	Material Name		Spec. F	Ref.			
qual024 Pre	cast Concrete Box		508				
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>			<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5002	Acceptan	ce of Pre Delivery I	nspected	1 per 250	LF
Material Code	Material Name		Spec. F	Ref.			
qual025 Pre	cast Concrete Arch Structure		508				
Sample Type	Acceptance Method	Test	<u>Method</u>			<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5002	Acceptan	ce of Pre Delivery I	nspected	1 per 10,000	LF
Material Code	Material Name		Spec. F	Ref.			
qual027 Pre	cast Concrete Wall		510				
Sample Type	Acceptance Method	Test	<u>Method</u>			<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5002	Acceptan	ce of Pre Delivery I	nspected	1 per 2,500	SY
Material Code	Material Name		Spec. F	Ref.			
qual030 NT	Tack Coat		SP708	25A09			
Sample Type	Acceptance Method	Test	Method			<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5001	Acceptan	ce of Pre Approved	Products	1 per 100,000	GAL
Material Code	Material Name		Spec. F	Ref.			
qual034 Pre	stressed Concrete Deck Panels		503				
Sample Type	Acceptance Method	Test	Method			<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5002	Acceptan	ce of Pre Delivery I	nspected	1 per 100,000	SF
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Material Code	Material Name		Spec. Ref.		
	ard Rail, Galv Steel Beams and Pos	sts	732.01		
Sample Type	Acceptance Method	Test	Method	Frequency	
DOC Document	CRES Construction Residency	AM5006	Acceptance of Material by Type A Certification	1 per 100	EACH
DOC Document	CRES Construction Residency	AM5006	Acceptance of Material by Type A Certification	1 per 100,000	LF
Material Code	Material Name		Spec. Ref.		
rail013 Gua	ard Rail End Treatment, GET		732.01		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5006	Acceptance of Material by Type A Certification	1 per 100	EACH
Material Code	Material Name		Spec. Ref.		
rail014 Gua	ard Rail, Spacer Block (Blockout)		732.01		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 100	EACH
Material Code	Material Name		Spec. Ref.		
resn001 HFS	ST Binder Resin System		707-1a09		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5013	Acceptance of Material by Type B Certification	1 per 100,000	GAL
Material Code	Material Name		Spec. Ref.		
seal009 Jt.	Sealant, Silicone, Low Mod (Slf Lvl)	701.08(F)		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 100	GAL
Material Code	Material Name		Spec. Ref.		
seal010 Jt.	Sealant, Rapid Cure		701.08(G)		
Sample Type	Acceptance Method	Test	Method	Frequency	
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 10,000	IUC
Material Code	Material Name		Spec. Ref.		
seal011 Ela	stomeric Mortar		701.08(G)		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 1,000	CF
Material Code	Material Name		Spec. Ref.		
seal014 HC	Conc Penetrating Water Repellent		701.12		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 2,000	SY
MAT Material	MAT Materials Division	C94005	Penetrating Water Repellent Treatment_Penetration Analysis	1 per 2,000	SY
MAT Material	MAT Materials Division	C94006	Penetrating Water Repellent Treatment_Absorption	1 per 2,000	SY
Material Code	Material Name		Spec. Ref.		
seal022 Epo	oxy Bridge Deck Sealer, Types K,L		70113B1011		
Sample Type	Acceptance Method	Test	Method	Frequency	
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 110	GAL
Material Code	Material Name		Spec. Ref.		
seal024 Epo	oxy for Injection, Type D		701.13B4		
Sample Type	Acceptance Method	<u>Test</u>	Method	<u>Frequency</u>	
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DOC Document	CRES Construction Residency	AM5001	Acceptan	ce of Pre Approved	Products	1 per 100	GAL
Material Code	Material Name		Spec. F	Ref.			
seal025 Mas	stic Crack Sealant		422-1a	e09			
Sample Type	Acceptance Method	Test	<u>Method</u>			Frequency	
DOC Document	CRES Construction Residency	AM5006	Acceptan	ce of Material by Ty	pe A Certification	1 per 100,000	LB
Material Code seal026 Mul	Material Name ti-Coat Deck Sealer		Spec. F				
Sample Type	Acceptance Method	Test	Method			Frequency	
DOC Document	CRES Construction Residency	AM5001	Acceptan	ce of Pre Approved	Products	1 per 2,000	SY
MAT Material	MAT Materials Division	C94046	Multi Coa	t Deck Sealer Pene	tration Analysis	1 per 2,000	SY
Material Code	Material Name		Spec. F	Ref.			
side010 See	ding Materials		735.03				
Sample Type	Acceptance Method	Test	<u>Method</u>			Frequency	
DOC Document	CRES Construction Residency	AM5007	Acceptan	ce of Material by Vi	sual Inspection	1 per 1	TON
Material Code	Material Name		Spec. F	Pof			
	tilizer		735.06	<u>kei.</u>			
		T 1				F	
Sample Type	Acceptance Method		Method			Frequency	TON
DOC Document	CRES Construction Residency	Alviouv	Acceptan	ce of Material by Vis	sual inspection	1 per 10,000	TON
Material Code	Material Name		Spec. F	Ref.			
side020 Silt	Dike - Triangular		735.07				
Sample Type	Acceptance Method	Test	Method			<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5001	Acceptan	ce of Pre Approved	Products	1 per 5,000	LF
Material Code	Material Name		Spec. F	Ref.			
	el Welding, Field		724.03				
Sample Type	Acceptance Method	Test	Method			Frequency	
	CRES Construction Residency			ting Field Welding			IUC
	· · · · · · · · · · · · · · · · · · ·						
Material Code	Material Name		Spec. F	<u>Ref.</u>			
sstl012 Ste	el, H-Pile Splicers		724.01				
Sample Type	Acceptance Method	Test	Method			<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5001	Acceptan	ce of Pre Approved	Products	1 per 100,000	EACH
Material Code	Material Name		Spec. F	Ref.			
ston001 Rip	rap Stone		713.01				
Sample Type	Acceptance Method	Test	<u>Method</u>			Frequency	
DOC Document	CRES Construction Residency	AM5001	Acceptan	ce of Pre Approved	Products	1 per 10,000	TON
Material Code	Material Name		Snoo I	Pof			
Material Code ston004 Gak	bion Fill Stone		Spec. F 713.03	<u></u>			
		T·					
Sample Type DOC Document	Acceptance Method CRES Construction Residency	1 est AM5001	Method Acceptan	ce of Pre Approved	Products	<u>Frequency</u> 1 per 10,000	TON
	ONLO CONSTRUCTION RESIDENCY	VIAIOOO I	nocepian	oc oi i ie Whhioved	i iouucis	i pei 10,000	
Material Code	Material Name		Spec. F	Ref.			
ston007 Filte	er Blanket Stone, 2 Course Backing	9	713.02				
Sample Type	Acceptance Method	Test	Method			<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5006	Acceptan	ce of Material by Ty	pe A Certification	1 per 10,000	TON
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 Material Code
 Material Name
 Spec. Ref.

 ston008
 Filter Blanket Stone, 1 Course Backing
 713.02

 Sample Type
 Acceptance Method
 Test Method
 Frequency

 DOC Document
 CRES Construction Residency
 AM5006
 Acceptance of Material by Type A Certification
 1 per 10,000
 TON