## OKLAHOMA DEPARTMENT OF TRANSPORTATION SITEMANAGER SAMPLING FREQUENCY REPORT

SEPTEMBER 2, 2021

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:** 

2019

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

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Material Code Material Name		Spec. Ref.		
aggr012 Eco Base/CTB Alt1 Aggregate, Fine		703.02		
Sample Type Acceptance Method	<u>Tes</u>	t 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.		
aggr013 Eco Base/CTB Alt1 Aggregate, Coarse	2	703.02		
			Fraguenay	
Sample Type Acceptance Method  MAT Material CRES Construction Residency	<u>res</u> T27	t Method Sieve Analysis of Fine and Coarse Aggregates	<u>Frequency</u> 1 per 1,500	TON
WAT Waterial CRES Constitution Residency	121	Sieve Alialysis of Fille and Coarse Aggregates	1 per 1,500	
Material Code Material Name		Spec. Ref.		
aggr017 Open Gr PC Conc Base Aggregate		703.03		
Sample Type Acceptance Method	<u>Tes</u>	t 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.		
aggr026 TBSC Aggregate Type A		703.05		
Sample Type Acceptance Method	Tes	t Method	<u>Frequency</u>	
MAT Material CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 1,500	TON
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Material Code Material Name		Spec. Ref.		
aggr027 TBSC Aggregate Type B	_	703.05	_	
Sample Type Acceptance Method  ACCEPTS Construction Residence		Method	Frequency	TON
MAT Material CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 1,500	TON
Material Code Material Name		Spec. Ref.		
Material Code Material Name aggr028 TBSC Aggregate Type C		<u>Spec. Ref.</u> <b>703.05</b>		
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aggr028 TBSC Aggregate Type C	<u>Tes</u> T27	703.05	Frequency 1 per 1,500	TON
aggr028 TBSC Aggregate Type C  Sample Type Acceptance Method		703.05 t Method	<del></del>	TON
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aggr028 TBSC Aggregate Type C  Sample Type Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name  aggr029 TBSC Aggregate Type D	T27	703.05  t Method  Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05	1 per 1,500	TON
aggr028 TBSC Aggregate Type C  Sample Type Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name	T27	703.05  t Method  Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref.	<del></del>	TON
aggr028 TBSC Aggregate Type C  Sample Type Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name  aggr029 TBSC Aggregate Type D  Sample Type Acceptance Method  MAT Material CRES Construction Residency	T27	703.05  t Method  Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05  t Method  Sieve Analysis of Fine and Coarse Aggregates	1 per 1,500	
aggr028 TBSC Aggregate Type C  Sample Type Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name  aggr029 TBSC Aggregate Type D  Sample Type Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name	T27	703.05  t Method  Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05  t Method  Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref.	1 per 1,500	
aggr028 TBSC Aggregate Type C  Sample Type Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name  aggr029 TBSC Aggregate Type D  Sample Type Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name  TRES Construction Residency  Material Code Material Name  aggr030 TBSC Aggregate Type E	T27  Tes  T27	703.05  t Method  Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05  t Method  Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05	1 per 1,500  Frequency 1 per 1,500	
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aggr028 TBSC Aggregate Type C  Sample Type Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name  aggr029 TBSC Aggregate Type D  Sample Type Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name  aggr030 TBSC Aggregate Type E  Sample Type Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name  Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name	Tes T27 Tes T27	703.05  t Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05  t Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05  t Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05  t Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref.	1 per 1,500  Frequency 1 per 1,500  Frequency	TON
aggr028 TBSC Aggregate Type C  Sample Type Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name  aggr029 TBSC Aggregate Type D  Sample Type Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name  aggr030 TBSC Aggregate Type E  Sample Type Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name  Acceptance Method  MAT Material CRES Construction Residency  Material Code Material Name  TRES Construction Residency  Material Code Material Name  TRES CAGGREGATE Type F	Tes T27 Tes T27	703.05  t Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05  t Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05  t Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05  t Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05	1 per 1,500  Frequency 1 per 1,500  Frequency 1 per 1,500	TON
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Acceptance Method MAT Material CRES Construction Residency  Material Code Material Name  aggr029 TBSC Aggregate Type D  Sample Type Acceptance Method MAT Material CRES Construction Residency  Material Code Material Name  Acceptance Method MAT Material CRES Construction Residency  Material Code Material Name  aggr030 TBSC Aggregate Type E  Sample Type Acceptance Method MAT Material CRES Construction Residency  Material Code Material Name  Acceptance Method MAT Material CRES Construction Residency  Material Code Material Name  aggr031 TBSC Aggregate Type F  Sample Type Acceptance Method MAT Material CRES Construction Residency  Material Code Material Name  MAT Material CRES Construction Residency  Material Code Material Name	Tes Tes T27  Tes T27	703.05  t Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05  t Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05  t Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05  t Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. 703.05  t Method	1 per 1,500  Frequency 1 per 1,500  Frequency 1 per 1,500	TON
Acceptance Method MAT Material Code Material Name  aggr029 TBSC Aggregate Type D  Sample Type Acceptance Method MAT Material Code Material Name  aggr029 TBSC Aggregate Type D  Sample Type Acceptance Method MAT Material Code Material Name  aggr030 TBSC Aggregate Type E  Sample Type Acceptance Method MAT Material Code Material Name  aggr030 TBSC Aggregate Type E  Sample Type Acceptance Method MAT Material Code Material Name  aggr031 TBSC Aggregate Type F  Sample Type Acceptance Method MAT Material Code Material Name  aggr031 TBSC Aggregate Type F  Sample Type Acceptance Method MAT Material Code Material Name  Material Code Material Name	T27  Tes T27  Tes T27	To3.05  It Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. To3.05  It Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. To3.05  It Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. To3.05  It Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. To3.05  It Method Sieve Analysis of Fine and Coarse Aggregates  Spec. Ref. To3.05  Total Method Sieve Analysis of Fine and Coarse Aggregates	Frequency 1 per 1,500  Frequency 1 per 1,500  Frequency 1 per 1,500	TON
Acceptance Method MAT Material CRES Construction Residency  Material Code Material Name  aggr029 TBSC Aggregate Type D  Sample Type Acceptance Method MAT Material CRES Construction Residency  Material Code Material Name  Acceptance Method MAT Material CRES Construction Residency  Material Code Material Name  aggr030 TBSC Aggregate Type E  Sample Type Acceptance Method MAT Material CRES Construction Residency  Material Code Material Name  Acceptance Method MAT Material CRES Construction Residency  Material Code Material Name  aggr031 TBSC Aggregate Type F  Sample Type Acceptance Method MAT Material CRES Construction Residency  Material Code Material Name  MAT Material CRES Construction Residency  Material Code Material Name	T27  Tes T27  Tes T27	Tour Tour Tour Tour Tour Tour Tour Tour	1 per 1,500  Frequency 1 per 1,500  Frequency 1 per 1,500	TON

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Material Code	Material Name		Spec. Ref.		
aggr034 Mic	cro Surf Aggregate Type II, Mineral		707.02		
Sample Type	Acceptance Method	Test I	Method	Frequency	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 2,500	TON
Material Code	Material Name		Spec. Ref.		
	cro Surf Aggregate Type III, Mineral		707.02		
Sample Type	Acceptance Method	Test I	Method	Frequency	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 2,500	TON
Motorial Code	Material Name		Spec Bot		
Material Code aggr042 Gra	anular Backfill Aggregate		<u>Spec. Ref.</u> <b>703.07</b>		
		T		<b>-</b>	
Sample Type	Acceptance Method		Method	Frequency	CV
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 500	CY
Material Code	Material Name		Spec. Ref.		
aggr048 Pip	e Underdrain, Filter Sand		703.06		
Sample Type	Acceptance Method	Test I	<u>Method</u>	<u>Frequency</u>	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 250	CY
Material Code	Material Name		Spec. Ref.		
aggr049 Sta	andard Bedding Matl Class C		703.08		
Sample Type	Acceptance Method	Test I	Method	Frequency	
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 I	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 250	CY
Material Code	Material Name		Spec. Ref.		
aggr054 HC	Conc Aggregate, Fine		701.05		
Sample Type	Acceptance Method	Test I	<u>Method</u>	Frequency	
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 67, Coarse		701.06		
Sample Type	Acceptance Method	Test I	Method	Frequency	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 500	TON
	<u> </u>				
Material Code	Material Name		Spec. Ref.		
	Conc Aggregate No 57, Coarse	_	701.06	_	
Sample Type	Acceptance Method	•	Method	Frequency	<b>T</b> 0::
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	gh Density Conc Aggregate, Combin	ed	701.10		
Sample Type	Acceptance Method	Test I	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	Latex Mod Conc Aggregate, Combin	ed	701.11		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 500	TON
Material Code	Material Name		Spec. Ref.		
aggr078	Subballast Aggregrate Type B		plan notes		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	<u>Frequency</u>	
MAT Material	CRES Construction Residency	C95001	Density and Moisture Content of Soil Agg by Nuke Meth	1 per 1,000	CY
MAT Material	CRES Construction Residency	T27	Sieve Analysis of Fine and Coarse Aggregates	1 per 1,000	CY
Material Code	Material Name		Spec. Ref.		
aggr085	HFST Calcined Bauxite 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.		
aggr086	HFST 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	Asphalt Concrete, Type S2 (PG 76-28	в ок)	708		
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	Material Name		Spec. Ref.		
asco005	Asphalt Concrete, Type S2 (PG 70-28	OK)	708		
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	Material Name		Spec. Ref.		
asco006	Asphalt Concrete, Type S2 (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	TON
MAT Material	MAT Materials Division	C93005	HMA TSR T 283	1 per 10,000	TON
MAT Material	,	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.		
asco007 As	sphalt Concrete, Type S3 (PG 76-2	8 OK)	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.		
asco008 As	sphalt Concrete, Type S3 (PG 70-2	8 OK)	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.		
asco009 As	sphalt Concrete, Type S3 (PG 64-2	2 OK)	708		
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	Material Name		Spec. Ref.		
asco010 As	sphalt Concrete, Type S4 (PG 76-26	8 OK)	708		
Sample Type	Acceptance Method	Test	<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.		
asco011 As	sphalt Concrete, Type S4 (PG 70-2	8 OK)	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		Spec. Ref.		
asco012 As	sphalt Concrete, Type S4 (PG 64-2	2 OK)	708		
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	Material Name		Spec. Ref.		
asco013 As	sphalt Concrete, Type S5 (PG 76-28	8 OK)	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.		
asco014 As	sphalt Concrete, Type S5 (PG 70-28	8 OK)	708		
Sample Type	Acceptance Method	Test	<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.		
asco015 As	sphalt Concrete, Type S5 (PG 64-22	2 OK)	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
Material Code	Material Name		Spec. Ref.		
asco016 As	sphalt Concrete, Type S6 (PG 76-28	8 OK)	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
Material Code	Material Name		Spec. Ref.		
asco017 As	sphalt Concrete, Type S6 (PG 70-28	8 OK)	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
Material Code	Material Name		Spec. Ref.		
asco018 As	sphalt Concrete, Type S6 (PG 64-22	2 OK)	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
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
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<u>Frequency</u>
per 2,500 TON
per 500 TON
per 500 TON
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Frequency
Frequency per 2,500 TON per 500 TON

Material Code	Material Name		Spec. Ref.		
asco038 As	sphalt Concrete, UTBWC, Type C		707		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	C93004	Aggregate_Sand Equivalent T 176	1 per 2,500	TON
MAT Material	CRES Construction Residency	C93004	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 Layer		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		Spec. Ref.		
asco041 As	phalt Concrete, Type S3 (PG 76-28	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	phalt Concrete, Type S5 (PG 76-28	E)	SP708-2409		
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.		
asco043 As	phalt Concrete, RIL (PG 76-28 E)		SP411-1509		
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 S4 (PG 76-28	E)	SP708-2409		
Sample Type	Acceptance Method	·	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	C93004	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.		
	phalt, Emulsified, Type PMCSS-1H		708.03		
Sample Type	Acceptance Method	Toot	Method .	Frequency	
				Frequency	C 4 !
MAT Material	MAT Materials Division	C91006	Emulsified Asphalt_Project Sample	1 per 10,000	GAL

Material Code	Material Name		Spec. Ref.		
asph024 As	sphalt, Emulsified, Type PMCRS-1S		708.03		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	MAT Materials Division	C91006	Emulsified Asphalt_Project Sample	1 per 100,000	GAL
Material Code	Material Name		Spec. Ref.		
asph029 As	sphalt, Emulsified, Type ARA-1P		SP		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	MAT Materials Division	C91005	Emulsified Asphalt_QM Sample	1 per 20,000	GAL
Material Code	Material Name		Spec. Ref.		
base001 Ag	ggregate Base (98% Compaction)		303		
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 800	CY
Material Code	Material Name		Spec. Ref.		
base002 Ag	ggregate Base (95% Compaction)		303		
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 800	CY
Material Code	Material Name		Spec. Ref.		
base008 Su	ubgrade Method B		310.04(B)		
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	SY
Material Code	Material Name		Spec. Ref.		
base009 Ex	kisting Base and Surface		311		
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 1,000	LF
Material Code	Material Name		Spec. Ref.		
base010 St	abilized Subgrade		307		
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	SY
Material Code	Material Name		Spec. Ref.		
	cono Base		318		
Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
MAT Material	CRES Construction Residency	C94014	Compressive Strength of Concrete Cylinders	1 per 5,000	SY
MAT Material	CRES Construction Residency	C94025	Fresh Concrete Tests	1 per 5,000	SY
Material Code	Material Name		Spec. Ref.		
base013 O	pen Gr PC Conc Base		319		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	C95003	In Place Density of OGPCCB by Nuclear Method	1 per 2,500	SY
Material Code	Material Name		Spec. Ref.		
base017 Ce	ement Treated Base (CTB)		317		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	C95004	CTB Tests on Field Molded Specimens	1 per 10,000	SY
MAT Material	CRES Construction Residency	C95005	In Place Density of Cement Treated Base by Nuclear Methods	1 per 2,500	SY

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Material Code	Material Name		Spec. Ref.		
ckds001 Cem	ent Kiln Dust (CKD)		702.03		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	Frequency	
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
	iid Membrane Curing Compound		701.07(C)		
•	-	T	•	<b>F</b>	
Sample Type	Acceptance Method  CRES Construction Regidency		Method  Acceptance of Pro Approved Products	Frequency	CAL
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 2,500	GAL
Material Code	Material Name		Spec. Ref.		
drai017 Corr	rugated Metal Pipe (CMP)		726.02		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 250	LF
Material Code	Material Name		Spec. Ref.		
	ug. Polyethylene/Polypropylene P	ipe	726.02		
Sample Type	Acceptance Method	•	Method	Frequency	
•	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 1,000	LF
-	Orteo Conditional Residency	711110001	//occeptance of the Approved Freducts	1 pci 1,000	
Material Code	Material Name		Spec. Ref.		
elec005 Elec	t Wire/Cable, Building/Highway Li	ight	738.02		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
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	t Cable, Communication		738.03		
Sample Type	Acceptance Method	<u>Test</u> l	Method Method	Frequency	
	CRES Construction Residency	AM5012	Acceptance of Communication Electric Cable	1 per 5,000	LF
Material Onda	Material Name		Over Def		
Material Code	Material Name		Spec. Ref.		
	et Cable, Traffic Signal		738.01	_	
Sample Type	Acceptance Method		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	t 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.		
	et Cable, Loop Detector Lead-in		738.01		
Sample Type	Acceptance Method	Toot	Method	Fraguency	
	CRES Construction Residency	1est AM5009	Acceptance of Shielded Loop Detector Lead In Cable	<u>Frequency</u> 1 per 5,000	LF
	ONLO CONSTRUCTION NESIDENCY	VINIOUGA	Acceptance of Officiaed Loop Detector Lead III Cable	i per 3,000	LI <sup>-</sup>
Material Code	Material Name		Spec. Ref.		
ewrk001 Eart	hwork, Select Borrow		202		
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.		
ewrk002 Eart	hwork, Excavation/Embankment		202		
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.		
	hwork, Trench Backfill		613.04		
Sample Type	Acceptance Method	Tost	Method	Frequency	
	CRES Construction Residency	C95001	Density and Moisture Content of Soil Agg by Nuke Meth	1 per 250	LF
- Waterial	One of the contraction of the co		Donotty and module Content of Contrigg by Natio medi-	1 poi 200	
Material Code	Material Name		Spec. Ref.		
ewrk004 Eart	hwork, Machine Grading		209		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	<u>Frequency</u>	
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	hwork, 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
Motorial Code	Material Name		Spec. Ref.		
Material Code fabr001 Fabi	Material Name ric Reinf for Asphalt Concrete Pvm	n#	712.01		
	•				
Sample Type  DOC Document	Acceptance Method  CRES Construction Residency	1est AM5001	Method  Acceptance of Pre Approved Products	<u>Frequency</u> 1 per 50,000	SY
	ONES Construction Residency	AIVISOOT	Acceptance of the Approved Froducts	1 per 30,000	
Material Code	Material Name		Spec. Ref.		
fabr002 Fabi	ric, Permanent Erosion Control		712.02		
Sample Type	Acceptance Method	Test	<u>Method</u>	<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.		
fabr004 Fabi	ric, Geotextile Subgrade Reinforce	•	712.04		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 5,000	SY
			0.01		
Material Code	Material Name		Spec. Ref.		
	ric, Separator for Bases		712.05	_	
Sample Type	Acceptance Method	·	Method 12 A A A A A A A A A A A A A A A A A A	Frequency	0)/
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 50,000	SY
Material Code	Material Name		Spec. Ref.		
fabr006 Fabi	ric, Silt Fence Filter		712.06		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 5,000	LF
Material Code	Material Name		Spec. Ref.		
fabr010 Geo			712.07		
Sample Type	Acceptance Method	Toot	Method	Frequency	
	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 5,000	SY
DOO DOGUIIEIIL	ONEO CONSTRUCTION NESTUENCY	AIVIOUU I	Acceptance of the Apployeu Floudets	1 201 3,000	51

Material Code Material Name	<u> </u>	Spec. Ref.		
fabr013 Fabric, Separator f	or Bond Breaker	317.02		
Sample Type Acceptance Me	ethod Test I	Method	<u>Frequency</u>	
DOC Document CRES Construction	ction Residency AM5001	Acceptance of Pre Approved Products	1 per 50,000	SY
Material Code Material Name	2	Spec. Ref.		
fenc002 Fence Wire, Wover	ո, Zinc Coated	732.06		
Sample Type Acceptance Me	ethod Test I	Method	Frequency	
MAT Material MAT Materials	Division C92013	Fence_Woven Wire	1 per 16,500	LF
Material Code Material Name	<u> </u>	Spec. Ref.		
fenc004 Fence Wire, Barbe	_	732.06		
Sample Type Acceptance Me	ethod Test I	<u>Method</u>	Frequency	
MAT Material MAT Materials	Division C92010	Fence_Barbed Wire	1 per 66,000	LF
Material Code Material Name	2	Spec. Ref.		
fenc007 Fence Wire, Barble	ess, Zinc Coated	732.06		
Sample Type Acceptance Me	ethod Test I	Method	<u>Frequency</u>	
MAT Material MAT Materials	Division C92011	Fence_Barbless Wire	1 per 66,000	LF
Material Code Material Name	<u> </u>	Spec. Ref.		
fenc009 Fence Posts, Steel	•	732.06		
Sample Type Acceptance Me	ethod Test I	Method	<u>Frequency</u>	
MAT Material MAT Materials	Division C92012	Fence_T Post	1 per 1,000	EACH
Material Code Material Name	2	Spec. Ref.		
fenc011 Fence Wire, Tie		732.06		
Sample Type Acceptance Me	ethod Test !	Method	<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	<u> </u>	Spec. Ref.		
fenc016 Fence Wire, Chain	Link Fabric	732.07		
Sample Type Acceptance Me	ethod Test I	Method	<u>Frequency</u>	
MAT Material MAT Materials	Division C92015	Fence_CLF Fabric	1 per 5,000	LF
Material Code Material Name	2	Spec. Ref.		
fenc017 Fence Wire, Chain	Link Tension	732.07		
Sample Type Acceptance Me	ethod Test I	Method	<u>Frequency</u>	
MAT Material MAT Materials	Division C92014	Fence_Tension Wire	1 per 1,000,000	) LF
Material Code Material Name	<u> </u>	Spec. Ref.		
fenc018 Fence Wire, Chain	Link Tie	732.07		
Sample Type Acceptance Me	ethod Test I	<u>Method</u>	Frequency	
MAT Material MAT Materials	Division C92048	Post Ties for Chain Link Fence (CLF)	1 per 1,000,000	EACH
Material Code Material Name	<u> </u>	Spec. Ref.		
fenc019 Fence Posts, Chair	ո Link Support	732.07		
Sample Type Acceptance Me	ethod Test I	<u>Method</u>	Frequency	
MAT Material MAT Materials	Division C92016	Fence_CLF Support Posts	1 per 1,000	EACH

Material Code	Material Name		Spec. Ref.		
fenc020	Fence Posts, Chain Link Line		732.07		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	Frequency	
MAT Material	MAT Materials Division	C92017	Fence_CLF Line Post	1 per 1,000	EACH
Material Code	Material Name		Spec. Ref.		
fenc021	Fence 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.		
fenc033	Fence Wire, Tension		732.06		
Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	Frequency	
MAT Material	MAT Materials Division	C92014	Fence_Tension Wire	1 per 1,000,000	IUC
Material Code	Material Name		Spec. Ref.		
lime002	Lime, Quick		706.02		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material		C92001	Quick Lime_Lab Analysis	1 per 250	TON
Material Code	Material Name		Spec. Ref.		
ljoi001	Asphalt Longitudinal Joint Density		SP411-12		
Sample Type		Test	Method	Frequency	
MAT Material	•	C93019	Asphalt Longitudinal Joint Density	1 per 1,000	TON
Material Code	Material Name		Spec. Ref.		
	HC Conc Class AA(AE)		701.01		
Sample Type	` ,	Tost	Method	Frequency	
MAT Material		C94014	Compressive Strength of Concrete Cylinders	1 per 70	CY
MAT Material	·	C94025	Fresh Concrete Tests	1 per 35	CY
Material Code	Material Name		Spec. Ref.		
	HC Conc Class A (AE)		701.01		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
MAT Material		C94014	Compressive Strength of Concrete Cylinders	1 per 2,500	CY
MAT Material	CRES Construction Residency	C94014	Compressive Strength of Concrete Cylinders	1 per 625	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 35	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 625	CY
Material Code	Material Name		Spec. Ref.		
pcco004	HC Conc Class C(AE)		701.01		
Sample Type	Acceptance Method	<u>Test</u>	Method	Frequency	
MAT Material	CRES Construction Residency	C94014	Compressive Strength of Concrete Cylinders	1 per 70	CY
MAT Material		C94025	Fresh Concrete Tests	1 per 35	CY

Material Code	Material Name		Spec. Ref.		
pcco005 HC	Conc Class P(AE)		701.01		
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.		
pcco006 HC	Conc, High Density - HDC		701.10		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
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	Method	<u>Frequency</u>	
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.		
	Conc, Cont Low Strngth Matl - CL	SM	701.19		
Sample Type	Acceptance Method	Test	Method	Frequency	
MAT Material	CRES Construction Residency	C94004	CLSM_Compressive Strength	1 per 100	CY
	·		_ · •		
Material Code	Material Name		Spec. Ref.		
pcco017 Op	en Gr PC Conc Base - Mix		319.04(C)		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
MAT Material	CRES Construction Residency	C94045	Density Unit Weight of Concrete	1 per 20,000	SY
Material Code	Material Name		Spec. Ref.		
pcco018 HC	Conc Very Early Str Type I (VESI)		701.20		
Sample Type	Acceptance Method	<u>Test</u>	Method	<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.		
pcco019 HC	Conc Very Early Str Type III (VESII	II)	701.20		
Sample Type	Acceptance Method	Test	Method	Frequency	
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.		
	Conc Rapid Setting Latex Mod (RS	SLMC)	701.20		
Sample Type	Acceptance Method	-	Method	Frequency	
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
Motorial Carla	Material Name		Snoo Dof		
Material Code	Material Name Conc Admixture Liquid		<u>Spec. Ref.</u> <b>701.03</b>		
-	Conc Admixture, Liquid	_		-	
Sample Type	Acceptance Method		Method	Frequency	
DOC Document	CRES Construction Residency	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	<u>Test Method</u>	<u>Frequency</u>
DOC Document CRES Construction Reside	ency 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 Reside	ency AM5001 Acceptance of Pre Approved Products	1 per 1,000 TON
Material Code Material Name	Spec. Ref.	
qual004 Prestressed Concrete Bridge	Item 503	
Sample Type Acceptance Method	<u>Test Method</u>	Frequency
DOC Document	, , , , , , , , , , , , , , , , , , , ,	1 per 10,000 LF
DOC Document CRES Construction Reside	ency AM5002 Acceptance of Pre Delivery Inspected	1 per 10,000 EACH
Material Code Material Name	Spec. Ref.	
qual005 Fabricated Structural Steel Ite	em 724	
Sample Type Acceptance Method	<u>Test Method</u>	<u>Frequency</u>
DOC Document CRES Construction Reside	ency 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	Frequency
DOC Document	ency 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	Frequency
DOC Document	ency AM5002 Acceptance of Pre Delivery Inspected	1 per 250 IUC
Material Code Material Name	Spec. Ref.	
qual010 Cut-Back Asphalt	708.03	
Sample Type Acceptance Method	<b>—</b>	
	Test Method	Frequency
DOC Document CRES Construction Reside		Frequency 1 per 100,000 GAL
	ency AM5001 Acceptance of Pre Approved Products	
DOC Document CRES Construction Resident Material Code Material Name qual011 Emulsified Asphalt		• •
Material Code Material Name qual011 Emulsified Asphalt	ency AM5001 Acceptance of Pre Approved Products  Spec. Ref.	1 per 100,000 GAL
Material Code Material Name qual011 Emulsified Asphalt	AM5001 Acceptance of Pre Approved Products  Spec. Ref. 708.03  Test Method	
Material Code Material Name qual011 Emulsified Asphalt Sample Type Acceptance Method DOC Document CRES Construction Reside	Spec. Ref. 708.03  Test Method ency AM5001 Acceptance of Pre Approved Products	1 per 100,000 GAL  Frequency
Material Code Material Name qual011 Emulsified Asphalt  Sample Type Acceptance Method  DOC Document CRES Construction Reside  Material Code Material Name	Spec. Ref. 708.03 Test Method ency AM5001 Acceptance of Pre Approved Products  Spec. Ref. Spec. Ref. Spec. Ref. Spec. Ref.	1 per 100,000 GAL  Frequency
Material Code Material Name qual011 Emulsified Asphalt  Sample Type Acceptance Method  DOC Document CRES Construction Reside  Material Code Material Name qual021 Fabricated Reinforcing Steel	AM5001 Acceptance of Pre Approved Products  Spec. Ref. 708.03  Test Method ency AM5001 Acceptance of Pre Approved Products  Spec. Ref.  723	1 per 100,000 GAL  Frequency 1 per 100,000 GAL
Material Code Material Name qual011 Emulsified Asphalt  Sample Type Acceptance Method  DOC Document CRES Construction Reside  Material Code Material Name	Spec. Ref. 708.03  Test Method ency AM5001 Acceptance of Pre Approved Products  Spec. Ref. 708.03  Test Method ency AM5001 Acceptance of Pre Approved Products  Spec. Ref. 723  Test Method	1 per 100,000 GAL  Frequency
Material Code Material Name qual011 Emulsified Asphalt  Sample Type Acceptance Method  DOC Document CRES Construction Reside  Material Code Material Name qual021 Fabricated Reinforcing Steel I  Sample Type Acceptance Method  DOC Document CRES Construction Reside	Spec. Ref. 708.03  Test Method ency AM5001 Acceptance of Pre Approved Products  Spec. Ref. 708.03  Test Method ency AM5001 Acceptance of Pre Approved Products  Spec. Ref. 723  Test Method ency AM5005 Acceptance of Reinforcing Steel	1 per 100,000 GAL  Frequency 1 per 100,000 GAL  Frequency
Material Code Material Name qual011 Emulsified Asphalt  Sample Type Acceptance Method  DOC Document CRES Construction Reside  Material Code Material Name qual021 Fabricated Reinforcing Steel I  Sample Type Acceptance Method  DOC Document CRES Construction Reside  Material Code Material Name	Spec. Ref. 708.03  Test Method ency AM5001 Acceptance of Pre Approved Products  Spec. Ref. 708.03  Test Method ency AM5001 Acceptance of Pre Approved Products  Spec. Ref. 723  Test Method ency AM5005 Acceptance of Reinforcing Steel  Spec. Ref.	1 per 100,000 GAL  Frequency 1 per 100,000 GAL  Frequency
Material Code Material Name qual011 Emulsified Asphalt  Sample Type Acceptance Method  DOC Document CRES Construction Reside  Material Code Material Name qual021 Fabricated Reinforcing Steel II  Sample Type Acceptance Method  DOC Document CRES Construction Reside  Material Code Material Name  Qual022 Epoxy Coated Reinforcing Steel  Material Code Material Name  qual022 Epoxy Coated Reinforcing Steel  Material Code Material Name	AM5001 Acceptance of Pre Approved Products  Spec. Ref. 708.03  Test Method ency AM5001 Acceptance of Pre Approved Products  Spec. Ref. 723  Test Method ency AM5005 Acceptance of Reinforcing Steel  Spec. Ref. Spec. Ref. 723  Test Method ency AM5005 Acceptance of Reinforcing Steel	1 per 100,000 GAL  Frequency 1 per 100,000 GAL  Frequency 1 per 50,000 LB
Material Code Material Name qual011 Emulsified Asphalt  Sample Type Acceptance Method  DOC Document CRES Construction Reside  Material Code Material Name qual021 Fabricated Reinforcing Steel II  Sample Type Acceptance Method  DOC Document CRES Construction Reside  Material Code Material Name  Qual022 Epoxy Coated Reinforcing Steel  Sample Type Acceptance Method  Material Code Material Name  qual022 Epoxy Coated Reinforcing Steel  Sample Type Acceptance Method	AM5001 Acceptance of Pre Approved Products  Spec. Ref. 708.03  Test Method ency AM5001 Acceptance of Pre Approved Products  Spec. Ref. 723  Test Method ency AM5005 Acceptance of Reinforcing Steel  Spec. Ref. 723  Test Method ency AM5005 Acceptance of Reinforcing Steel	Frequency 1 per 100,000 GAL  Frequency 1 per 50,000 LB  Frequency
Material Code Material Name qual011 Emulsified Asphalt  Sample Type Acceptance Method  DOC Document CRES Construction Reside  Material Code Material Name qual021 Fabricated Reinforcing Steel II  Sample Type Acceptance Method  DOC Document CRES Construction Reside  Material Code Material Name  CRES Construction Reside  Material Code Material Name qual022 Epoxy Coated Reinforcing Steel  Page 10	AM5001 Acceptance of Pre Approved Products  Spec. Ref. 708.03  Test Method ency AM5001 Acceptance of Pre Approved Products  Spec. Ref. 723  Test Method ency AM5005 Acceptance of Reinforcing Steel  Spec. Ref. 723  Test Method ency AM5005 Acceptance of Reinforcing Steel  AM5005 Acceptance of Reinforcing Steel ency AM5005 Acceptance of Reinforcing Steel	1 per 100,000 GAL  Frequency 1 per 100,000 GAL  Frequency 1 per 50,000 LB

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Material Code	Material Name		Spec. Ref.		
qual023 Pre	cast Concrete Drainage Structure		611		
Sample Type	Acceptance Method	Test	Method	<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5002	Acceptance of Pre Delivery Inspected	1 per 50	EACH
Material Code	Material Name		Spec. Ref.		
qual024 Pre	cast Concrete Box		508		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5002	Acceptance of Pre Delivery Inspected	1 per 250	LF
Material Code	Material Name		Spec. 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	Acceptance of Pre Delivery Inspected	1 per 10,000	LF
Material Code	Material Name		Spec. Ref.		
qual027 Pre	cast Concrete Wall		510		
Sample Type	Acceptance Method	Test	Metho <u>d</u>	Frequency	
DOC Document	CRES Construction Residency	AM5002	Acceptance of Pre Delivery Inspected	1 per 2,500	SY
Material Code	Material Name		Spec. Ref.		
qual030 NT	Tack Coat		SP70825A09		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 100,000	GAL
Material Code	Material Name		Spec. Ref.		
qual033 Pen	netrating Corrosion Inhibitor		535.02		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 2,000	SY
Material Code	Material Name		Spec. Ref.		
qual034 Pre	stressed Concrete Deck Panels		503		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5002	Acceptance of Pre Delivery Inspected	1 per 100,000	SF
Material Code	Material Name		Spec. Ref.		
rail001 Gua	ard Rail, Galv Steel Beams and Pos	sts	732.01		
Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
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	<u>Method</u>	<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.		
	ard Rail, Spacer Block (Blockout)		732.01		
Sample Type	Acceptance Method	<u>Tes</u> t	<u>Method</u>	<u>Frequency</u>	
DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 100	EACH
	-				

Sample   Type   Acceptance Method   Accepta						
Sample Type   Accordance Method   Total Method   AM501   Accordance of Minterial by Type B Certification   1 per 100,000   CAL AM501   AM501   Accordance of Minterial by Type B Certification   1 per 100,000   CAL AM501   AM501   Accordance of Minterial by Type B Certification   1 per 100,000   CAL AM501   Accordance of Minterial by Type B Certification   1 per 100,000   CAL AM501   Accordance of Pre Approved Products   1 per 100,000   Total Am501   Accordance of Pre Approved Products   1 per 100,000   CERTIFICATION   1 per 100,000	Material Code	Material Name		Spec. Ref.		
DOC Document   CRES Construction Residency   AM5013   Acceptance of Material by Type B Certification   1 per 100.000   GAL Material Code   Sealont, Rapid Core   Total Method   Total Method   Total Method   Total Method   Total Method   Total Method   Pre Approved Products   1 per 10.000   IUC	resn001 HFS	ST Binder Resin System		707-1a09		
Material Code   Material Name   Sec_Ref.   701.08(G)	Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
Sample   Type   Acceptance Method   Acceptance Method   Acceptance of Pre Approved Products   Acceptance	DOC Document	CRES Construction Residency	AM5013	Acceptance of Material by Type B Certification	1 per 100,000	GAL
Sample   Type   Acceptance Method   Test   Method   Acceptance of Pre Approved Products   1 per 1,0.00   1 UC	Material Code	Material Name		Spec. Ref.		
DOC   Document   CRES   Construction   Residency   AM6001   Acceptance of Pre Approved Products   1 per 10,000   IUC   Material Name   5pac. Ref.   701.08(c)   1 per 10,000   CF   Material Name   5pac. Ref.   701.08(c)   1 per 10,000   CF   Material Name   5pac. Ref.   701.08(c)   1 per 10,000   CF   Material Name   5pac. Ref.   701.08(c)   1 per 10,000   CF   Material Name   5pac. Ref.   701.12   701.	seal010 Jt. S	Sealant, Rapid Cure		701.08(G)		
Material Code   Material Name   Spec. Ref.	Sample Type	Acceptance Method	Test	<u>Method</u>	Frequency	
Sample Type   Acceptance Method   Test Hord   AM5001   Acceptance of Pre Approved Products   1 per 1,000   CF	DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 10,000	IUC
Sample   Type   Acceptance Method   Test	Material Code	Material Name		Spec. Ref.		
DOC   Document   CRES   Construction Residency   AM5001   Acceptance of Pre Approved Products   1 per 1,000   CF	seal011 Elas	stomeric Mortar		701.08(G)		
DOC   Document   CRES   Construction Residency   AM5001   Acceptance of Pre Approved Products   1 per 1,000   CF	Sample Type	Acceptance Method	Test	Method	Frequency	
Seatol 1         NE Conceignance Method         Tot.12           Sample Type         Acceptance Method         Test—tod         Acceptance of Pre Approved Products         1 per 2,000         SY           DOC Document         CRES Construction Residency         AM5001         Acceptance of Pre Approved Products         1 per 2,000         SY           MAT Material Division         C94006         Penetrating Water Repellent Treatment_Penetration Analysis         1 per 2,000         SY           Material Code         Material Name         Spac. Ref.         Personance Method         Test—the Despite Register         Prequency		·				CF
Seatol 1         NE Conceignance Method         Tot.12           Sample Type         Acceptance Method         Test—tod         Acceptance of Pre Approved Products         1 per 2,000         SY           DOC Document         CRES Construction Residency         AM5001         Acceptance of Pre Approved Products         1 per 2,000         SY           MAT Material Division         C94006         Penetrating Water Repellent Treatment_Penetration Analysis         1 per 2,000         SY           Material Code         Material Name         Spac. Ref.         Personance Method         Test—the Despite Register         Prequency	Material Code	Material Name		Snec Ref		
Sample Type   Acceptance Method   Acceptance of Pre Approved Products   1 per 2,000   SY		<u> </u>				
DOC Document         CRES Construction Residency         AM5001 Acceptance of Pre Approved Products         1 per 2,000         SY MAT Materials Division         C94005 C94005 Penetrating Water Repellent Treatment_Penetration Analysis         1 per 2,000         SY MAT Materials Division         C94005 Penetrating Water Repellent Treatment_Absorption         1 per 2,000         SY MAT Materials Division         C94006 Penetrating Water Repellent Treatment_Absorption         1 per 2,000         SY MAT Materials Division         Sy Reper 2,000         SY MAT Materials Division         SY MAT Materials Division         Sy Reper 2,000         SY MAT Materials Division         SY MAT Materials Division         SY MAT Materials Division         SY MAT Materials Penetrating Water Repellent Treatment_Absorption         1 per 2,000         SY MAT Materials Penetrating Water Repellent Treatment_Absorption         1 per 2,000         SY MAT Materials Penetrating Water Repellent Treatment_Absorption         1 per 2,000         SY MAT Materials Penetrating Water Repellent Treatment_Absorption         1 per 110         SY MAT Materials Penetrating Water Repellent Treatment_Absorption         1 per 110         GAL Materials Penetrating Water Repellent Treatment_Absorption         2 per 110         GAL Materials Penetrating Water Repellent Treatment_Absorption         2 per 110         GAL Materials Penetrating Water Repellent Treatment_Absorption         2 per 110         GAL Materials Penetrating Water Repellent Treatment_Absorption         3 per 110         GAL Materials Penetrating Penetrating Water Repellent Treatment_Absorption         3 per 2,					Eroguanav	
MAT Material MAT Material MAT Material Solvision MAT Material MAT Material Solvision         C94006 Penetrating Water Repellent Treatment_Absorption         1 per 2,000 SY MAT Material Solvision         Sy Penetrating Water Repellent Treatment_Absorption         1 per 2,000 SY SY MAT Material Solvision         Sy Penetrating Water Repellent Treatment_Absorption         1 per 2,000 SY SY SY MATERIAL SOLVISION SY SY SY SY SY Bridge Deck Sealer, Types K,L         Spec. Ref.           Sample Type SealO22         Acceptance Method         Test Method         Frequency Acceptance of Pre Approved Products         1 per 110 GAL         GAL         GAL         Material Code         Material Name         Spec. Ref.         Spec. Ref.         Prequency         GAL         Amount of Prepayoned Products         1 per 110 GAL         GAL         Amount of Prepayoned Products         1 per 110 GAL         GAL         Amount of Prepayoned Products         1 per 100 GAL         Amount of Prepayoned Products         Amount		•			-	ev
MAT Material         MAT Material Solvision         C94006         Penetrating Water Repellent Treatment_Absorption         1 per 2,000         SY           Material Code         Material Name         Spec. Ref.         Penetrating Water Repellent Treatment_Absorption         1 per 110         SY           Material Code         Material Name         Spec. Ref.         70113B1011         Frequency         DCD Document         CRES Construction Residency         AM5001         Acceptance of Pre Approved Products         1 per 110         GAL           Material Code         Material Name         Spec. Ref.         Penetration         Penetration         Penetration         Penetration         GAL           Sample Type         Acceptance Method         Test Hebod         Frequency         Penetration         Penetration         Penetration         Penetration         Penetration         Penetration         GAL           Material Code         Material Name         Spec. Ref.         Penetration         Am5000         Acceptance of Pre Approved Products         Penetration         Am5000         Penetration         Penetration         Penetration         Penetration         Pen		•			•	
Material Code         Material Name         Spec. Ref.           seal022         Epoxy 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.         Spec. Ref.         Frequency         DCD Document         1 per 100         GAL           Material Code         Material Name         Spec. Ref.         Frequency         1 per 100         GAL           Material Code         Material Name         Spec. Ref.         Frequency         1 per 100         GAL           Sample Type         Acceptance Method         Test Method         Frequency         1 per 100         LB           Material Code         Material Name         Spec. Ref.         Frequency         1 per 100,000         LB           Material Code         Material Name         Spec. Ref.         Frequency         1 per 100,000         LB           Material Code         Material Name         Spec. Ref.         Frequency         1 per 1         TON           Material Code         Material Name         Spec. Ref.					•	
Seal					, ,,,,,	
Sample Type		<u> </u>				
DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 110 GAL  Material Code Material Name Spec. Ref.  seal024 Epoxy for Injection, Type D 701.13B4  Sample Type Acceptance Method Test Method Teres Approved Products 1 per 100 GAL  Material Code Material Name Spec. Ref.  seal025 Mastic Crack Sealant 422-1ae09  Sample Type Acceptance Method Test Method Test Method Teres Approved Products 1 per 100 GAL  Material Code Material Name Spec. Ref.  seal025 Mastic Crack Sealant 422-1ae09  Sample Type Acceptance Method Test Meth	seal022 Epo	oxy Bridge Deck Sealer, Types K,L		70113B1011		
Material Code Material Name Spec. Ref.  Seal024 Epoxy for Injection, Type D 701.13B4  Sample Type Acceptance Method Test Method Spec. Ref.  Material Code Material Name Spec. Ref.  Seal025 Mastrial Name Spec. Ref.  Seal026 Material Name Spec. Ref.  Seal027 Material Name Spec. Ref.  Seal027 Material Name Spec. Ref.  Material Code Material Name Spec. Ref.  Material Code Material Name Spec. Ref.  Spec.	Sample Type	Acceptance Method	<u>Test</u>	<u>Method</u>	<u>Frequency</u>	
Sample Type   Acceptance Method   Test Hethod   Acceptance of Pre Approved Products   1 per 100   GAL	DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 110	GAL
Sample Type	Material Code	Material Name		Spec. Ref.		
DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 100 GAL  Material Code Material Name Spec. Ref.  **seal025 Mastic Crack Sealant 422-1ae09**  **Sample Type Acceptance Method Test Method Acceptance of Material by Type A Certification 1 per 100,000 LB  **Material Code Material Name Spec. Ref.**  **side010 Seeding Materials 735.03**  **Sample Type Acceptance Method Test Method Frequency DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 1 TON  **Material Code Material Name Spec. Ref.**  **side019 Fertilizer 735.06**  **Sample Type Acceptance Method Test Method Frequency DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 1 TON  **Material Code Material Name Spec. Ref.**  **side019 Fertilizer 735.06**  **Sample Type Acceptance Method Test Method Frequency DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 10,000 TON  **Material Code Material Name Spec. Ref.**  **side020 Silt Dike - Triangular 735.07**  **Sample Type Acceptance Method Test Method Frequency DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 5,000 LF	seal024 Epo	oxy for Injection, Type D		701.13B4		
Material Code Material Name Spec. Ref.  seal025 Mastic Crack Sealant 422-1ae09  Sample Type Acceptance Method Test Method Acceptance of Material by Type A Certification 1 per 100,000 LB  Material Code Material Name Spec. Ref. side010 Seeding Materials 735.03  Sample Type Acceptance Method Test Method Test Method PoC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 1 TON  Material Code Material Name Spec. Ref. side019 Fertilizer 735.06  Sample Type Acceptance Method Test Me	Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
Sample Type	DOC Document	CRES Construction Residency	AM5001	Acceptance of Pre Approved Products	1 per 100	GAL
Sample Type	Material Code	Material Name		Spec. Ref.		
DOC Document CRES Construction Residency AM5006 Acceptance of Material by Type A Certification 1 per 100,000 LB  Material Code Material Name Spec. Ref.  side010 Seeding Materials 735.03  Sample Type Acceptance Method Test Method Frequency DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 1 TON  Material Code Material Name Spec. Ref.  side019 Fertilizer 735.06  Sample Type Acceptance Method Test Method Frequency DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 10,000 TON  Material Code Material Name Spec. Ref.  Side020 Silt Dike - Triangular 735.07  Sample Type Acceptance Method Test Method Frequency DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 5,000 LF	seal025 Mas	stic Crack Sealant		422-1ae09		
DOC Document CRES Construction Residency AM5006 Acceptance of Material by Type A Certification 1 per 100,000 LB  Material Code Material Name Spec. Ref.  side010 Seeding Materials 735.03  Sample Type Acceptance Method Test Method Frequency DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 1 TON  Material Code Material Name Spec. Ref.  side019 Fertilizer 735.06  Sample Type Acceptance Method Test Method Frequency DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 10,000 TON  Material Code Material Name Spec. Ref.  Side020 Silt Dike - Triangular 735.07  Sample Type Acceptance Method Test Method Frequency DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 5,000 LF	Sample Type	Acceptance Method	Test	Method	Frequency	
Side010 Seeding MaterialS 735.03  Sample Type Acceptance Method Test Method Acceptance of Material by Visual Inspection 1 per 1 TON  Material Code Material Name Spec. Ref.  Sample Type Acceptance Method Test Method Frequency  DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 1 TON  Material Code Material Name Spec. Ref.  Sample Type Acceptance Method Test Method Frequency  DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 10,000 TON  Material Code Material Name Spec. Ref.  side020 Silt Dike - Triangular 735.07  Sample Type Acceptance Method Test Method Frequency  DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 5,000 LF						LB
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Sample Type Acceptance Method Test Method Frequency  DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 1 TON  Material Code Material Name Spec. Ref.  Sample Type Acceptance Method Test Method Frequency  DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 10,000 TON  Material Code Material Name Spec. Ref.  side020 Silt Dike - Triangular 735.07  Sample Type Acceptance Method Test Method Frequency  DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 5,000 LF				<del></del>		
DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 1 TON  Material Code Material Name Spec. Ref.  side019 Fertilizer 735.06  Sample Type Acceptance Method Test Method Test Method Tool Material by Visual Inspection 1 per 10,000 TON  Material Code Material Name Spec. Ref.  side020 Silt Dike - Triangular 735.07  Sample Type Acceptance Method Test Method Te		_	Toot		Fraguenov	
Material Code Material Name Spec. Ref.  Side019 Fertilizer 735.06  Sample Type Acceptance Method Test Method Frequency DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 10,000 TON  Material Code Material Name Spec. Ref.  side020 Silt Dike - Triangular 735.07  Sample Type Acceptance Method Test Method Frequency DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 5,000 LF		·			, ,	TON
Sample Type Acceptance Method Test Method Tone Tone Tone Tone Tone Tone Tone Tone	DOC Document	CIVEO CONSTRUCTION IN CONCENCY	AIVISOO7	Acceptance of Material by Visual Inspection	i per i	1011
Sample Type	Material Code	Material Name		Spec. Ref.		
DOC Document CRES Construction Residency AM5007 Acceptance of Material by Visual Inspection 1 per 10,000 TON  Material Code Material Name Spec. Ref.  side020 Silt Dike - Triangular 735.07  Sample Type Acceptance Method Test Method Frequency  DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 5,000 LF	side019 Fert	tilizer		735.06		
Material Code Material Name Spec. Ref. side020 Silt Dike - Triangular 735.07  Sample Type Acceptance Method Test Method Frequency  DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 5,000 LF	Sample Type	Acceptance Method	Test	<u>Method</u>	<u>Frequency</u>	
Side020     Silt Dike - Triangular     735.07       Sample Type     Acceptance Method     Test Method       DOC Document     CRES Construction Residency     AM5001     Acceptance of Pre Approved Products     1 per 5,000     LF	DOC Document	CRES Construction Residency	AM5007	Acceptance of Material by Visual Inspection	1 per 10,000	TON
side020     Silt Dike - Triangular     735.07       Sample Type     Acceptance Method     Test Method       DOC Document     CRES Construction Residency     AM5001     Acceptance of Pre Approved Products     1 per 5,000     LF	Material Code	Material Name		Spec. Ref.		
DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 5,000 LF	side020 Silt	Dike - Triangular		735.07		
DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 5,000 LF	Sample Type	Acceptance Method	Test	Method Method	<u>Frequency</u>	
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Material Code Material Name Spec. Ref. sstl002 Steel Welding, Field 724,03	
ootings Stool Worlding Field 724.02	
sstl002 Steel Welding, Field 724.03	
Sample Type Acceptance Method Test Method Frequen	<u>су</u>
DOC Document CRES Construction Residency C94043 Documenting Field Welding 1 per 100	000 IUC
Material Code Material Name Spec. Ref.	
sstl012 Steel, H-Pile Splicers 724.01	
Sample Type Acceptance Method Test Method Frequen	су
DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 100	000 EACH
Material Code Material Name Spec. Ref.	
ston001 Riprap Stone 713.01	
Sample Type Acceptance Method Test Method Frequen	СУ
DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 10,0	00 TON
Material Code Material Name Spec. Ref.	
ston004 Gabion Fill Stone 713.03	
Sample Type Acceptance Method Test Method Frequen	су
DOC Document CRES Construction Residency AM5001 Acceptance of Pre Approved Products 1 per 10,0	00 TON
Material Code Material Name Spec. Ref.	
ston007 Filter Blanket Stone, 2 Course Backing 713.02	
Sample Type Acceptance Method Test Method Frequen	СУ
DOC Document CRES Construction Residency AM5006 Acceptance of Material by Type A Certification 1 per 10,0	00 TON
Material Code Material Name Spec. Ref.	
ston008 Filter Blanket Stone, 1 Course Backing 713.02	
Sample Type Acceptance Method Test Method Frequen	<u>cy</u>
DOC Document CRES Construction Residency AM5006 Acceptance of Material by Type A Certification 1 per 10,0	00 TON

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