



LAB NO: 16-4401-1 REPORT: **Aggregate Sieve Analysis Test Report** Test Method: See Below Project: CTH M - CTH E - CTH GG, Union Pacific Railroad Bridge SP# Report Date: 09/07/2016 6723-00-71 Date Sampled: 09/06/2016 Location: Sampled By: Travis Kurey Augelli Concrete & Excavating, LLC Client: By Order Of: Client Acct. No: AUGELLI Order Number: Client PO: Report No: 16-4401-1

Field Number: 1-1 TEST RESULTS

Attached are Sieve Analysis laboratory test report(s) for an aggregate sample(s).

Test Methods (If Applicable):ASTM C136, AASHTO T27

Orig: Augelli Concrete & Excavating, LLC (Richland Center, WI) Attn: Tony Augelli (1-ec copy)

1-ec Strand Assoc. Attn: Mr. Trenton Diehl

Respectfully Submitted, GeoTest, Inc.

Project No:

5174

Andrew Davis, Operations Manager

WISDOT QUALITY MANAGEMENT PROGRAM CONCRETE AGGREGATE SIEVE ANALYSIS

					Fine Aggregate	9			
Project	СТН	- M,D, GG Bridg	ge		Lot #: <u>1-1</u> Sample No. <u>16-4401</u> -1				
'				-	Moisture Content		•		_
State No.		6723-00-71			Wgt. Of Sample (N		570	6	
State No.		0723-00-71			Wgt. Of Sample (I	•	558.9		
Compled Du	T	DATE	0/0/0040) i y)			_
Sampled By:	Travis Kurey	DATE	9/6/2016	_	Moisture Loss		17.		_
	(Full Name)				% Moisture		3.19	%	_
SAMPLED FROM:									
	BELT V STO	CKPILE	BIN	TRUCK	Washed? Yes		Washed Wgt.	556	6.3
SAMPLED AT:						_		_	_
D DDODUCTION C	TE		Carew			Wgt.	%	%	
PRODUCTION SI	IIE		Waupun		Sieve	Retained	Retained	Passing	Spec.
✓ BATCH SITE					3/8" (9.5mm)	0	0	100	100
Mix ID:	4020420026	Ticket No.:	527776		#4 (4.75mm)	3.8	1	99	90-100
Time:	9:16	Load (CY):	10		#8 (2.36mm)	94.6	17	83	
	BATCH W	EIGHTS (SSD)			#16 (1.18mm)	178.8	32	68	45-85
Fine Aggregate	13970	Cement	4490		#30 (0.60mm)	266.9	48	52	
#1 Stone	11230	Fly Ash	1120		#50 (0.30mm)	430.1	77	23	5-30
#2 Stone	6990	Slag	0		#100 (0.150mm)	544.8	97	3	0-10
Water	209	gal. A. E.	79	oz.	F.M.		2.72		
Other	0	W. R.	114	oz.	#200 (0.075mm)	554.8	99.3	0.7	0-3.5
Pea Gravel	0	Other		oz.	Pan	555.2			
No. 2 Stone					Tested By:	David Hassman	Reviewed By:	Andy	Davis
Lot #:	1-1	Sample No.	16-4401	3	No. 1 Stone				
Moisture Content					Lot #:	1-1	Sample No.	16-4401	2
Wgt. Of Sample (N	Noist)	1588	6.8		Moisture Content				
Wgt. Of Sample (D					Imolotulo domitorit				
Ivvgi. Oi Sample (L	Dry)	1571			Wgt. Of Sample (M		6192	2.6	
Moisture Loss	Dry)	1571 172	4.6			Moist)	6192 6000		
	Ory)		4.6 .2	_	Wgt. Of Sample (N	Moist)).7	
Moisture Loss	Ory)	172	4.6 .2	<u>.</u>	Wgt. Of Sample (N	Moist)	6000).7 .9	<u> </u> -
Moisture Loss	Ory)	172	4.6 .2 %	51.5	Wgt. Of Sample (N Wgt. Of Sample (D Moisture Loss	Moist)	6000 191).7 .9	-
Moisture Loss % Moisture	Ory) Crushed Grav	172 1.19 Washed Wgt.	4.6 .2 %	- - 51.5	Wgt. Of Sample (N Wgt. Of Sample (D Moisture Loss	Moist) Dry)	6000 191	0.7 .9 %	- - - 28.7
Moisture Loss % Moisture Washed?		172 1.19 Washed Wgt.	4.6 .2 %	51.5	Wgt. Of Sample (M Wgt. Of Sample (E Moisture Loss % Moisture	Moist) Dry)	6000 191 3.2 ^c Washed Wgt.	0.7 .9 %	- - - - 28.7
Moisture Loss % Moisture Washed?	Crushed Grav	172 1.19 Washed Wgt.	4.6 .2 % 1555	51.5 Spec.	Wgt. Of Sample (M Wgt. Of Sample (E Moisture Loss % Moisture Washed? ✓ Yes	Moist) Ory)	6000 191 3.2 ^c Washed Wgt.	0.7 .9 %	28.7
Moisture Loss % Moisture Washed?	Crushed Grav	172 1.19 Washed Wgt.	4.6 .2 % 1555		Wgt. Of Sample (M Wgt. Of Sample (E Moisture Loss % Moisture Washed? ✓ Yes	Moist) Dry) Crushed G	6000 191 3.2 ^c Washed Wgt.	0.7 .9 % 592	28.7 Spec.
Moisture Loss % Moisture Washed?	Crushed Grav Wgt. Retained	172 1.19 Washed Wgt. el % Retained	4.6 .2 % 1555 % Passing	Spec.	Wgt. Of Sample (M Wgt. Of Sample (E Moisture Loss % Moisture Washed?	Moist) Dry) Crushed G Wgt.	6000 191 3.2° Washed Wgt.	0.7 .9 % 592	
Moisture Loss % Moisture Washed?	Crushed Grav Wgt. Retained 0	172 1.19 Washed Wgt. el % Retained 0	4.6 .2 % 1555 % Passing 100	Spec. 100	Wgt. Of Sample (M Wgt. Of Sample (E Moisture Loss % Moisture Washed? ✓ Yes ✓ Crushed Stone	Moist) Dry) Crushed G Wgt. Retained	Washed Wgt.	0.7 .9 % 592 % Passing	
Moisture Loss % Moisture Washed?	Crushed Grav Wgt. Retained 0 274.7	172 1.19 Washed Wgt. el % Retained 0 2	4.6 .2 % 1555 % Passing 100 98	Spec. 100 90-100	Wgt. Of Sample (M Wgt. Of Sample (E Moisture Loss % Moisture Washed?	Moist) Ory) Crushed G Wgt. Retained 0	6000 191 3.24 Washed Wgt. ravel % Retained 0	.9 % 592 % Passing 100	Spec.
Moisture Loss % Moisture Washed? Yes Crushed Stone Sieve 2" (50 mm) 1.5" (37.5 mm) 1" (25 mm)	Crushed Grav Wgt. Retained 0 274.7 7119.7	172 1.19 Washed Wgt. el % Retained 0 2 45	4.6 .2 % 1555 % Passing 100 98 55	Spec. 100 90-100 20-55	Wgt. Of Sample (M Wgt. Of Sample (E Moisture Loss % Moisture Washed?	Moist) Dry) Crushed G Wgt. Retained 0 0	6000 191 3.2' Washed Wgt. ravel % Retained 0	0.7 .9 % 592 % Passing 100 100	Spec.
Moisture Loss % Moisture Washed? Yes Crushed Stone Sieve 2" (50 mm) 1.5" (37.5 mm) 1" (25 mm) 3/4" (19mm)	Crushed Grav Wgt. Retained 0 274.7 7119.7 13427	172 1.19 Washed Wgt. el % Retained 0 2 45 85	4.6 .2 % 1555 % Passing 100 98 55 15	Spec. 100 90-100 20-55	Wgt. Of Sample (MWgt. Of Sample (EMG) Moisture Loss Moisture Washed? Yes Crushed Stone Sieve 1.5" (37.5 mm) 1" (25 mm) 3/4" (19mm)	Crushed G Wgt. Retained 0 0155.1	6000 191 3.2' Washed Wgt. ravel % Retained 0 0	% 592 % Passing 100 100 97	Spec.
Moisture Loss % Moisture Washed? Yes Crushed Stone Sieve 2" (50 mm) 1.5" (37.5 mm) 1" (25 mm) 3/4" (19mm) 1/2" (12.5mm)	Crushed Grav Wgt. Retained 0 274.7 7119.7 13427 14992.2	172 1.19 Washed Wgt. el % Retained 0 2 45 85 95	4.6 .2 % 1555 % Passing 100 98 55 15 5	Spec. 100 90-100 20-55 0-15	Wgt. Of Sample (MWgt. Of Sample (EMoisture Loss) Moisture Washed? Yes Crushed Stone Sieve 1.5" (37.5 mm) 1" (25 mm) 3/4" (19mm) 1/2" (12.5mm)	Crushed G Wgt. Retained 0 0 155.1 2531.5	6000 191 3.2° Washed Wgt. ravel % Retained 0 0 0 3 42	.9 .9 % Passing 100 100 97 58	Spec. 100 90-100
Moisture Loss % Moisture Washed? Yes Crushed Stone Sieve 2" (50 mm) 1.5" (37.5 mm) 1" (25 mm) 3/4" (19mm) 1/2" (12.5mm) 3/8" (9.5mm)	Crushed Grav Wgt. Retained 0 274.7 7119.7 13427 14992.2 15137.2	172 1.19 Washed Wgt. el	4.6 .2 % 1555 % Passing 100 98 55 15 5	Spec. 100 90-100 20-55 0-15	Wgt. Of Sample (NWgt. Of Sample (EMoisture Loss) Moisture Washed? Yes Crushed Stone Sieve 1.5" (37.5 mm) 1" (25 mm) 3/4" (19mm) 1/2" (12.5mm) 3/8" (9.5mm)	Crushed G Wgt. Retained 0 0 155.1 2531.5 3990.5	6000 191 3.26 Washed Wgt. ravel % Retained 0 0 3 42 67	% 592 % Passing 100 100 97 58 33	Spec. 100 90-100 20-55
Moisture Loss % Moisture Washed? ✓ Yes ✓ Crushed Stone Sieve 2" (50 mm) 1.5" (37.5 mm) 1" (25 mm) 3/4" (19mm) 1/2" (12.5mm) 3/8" (9.5mm) #4 (4.75mm)	Crushed Grav Wgt. Retained 0 274.7 7119.7 13427 14992.2 15137.2 15262.1	172 1.19 Washed Wgt. el % Retained 0 2 45 85 95 96 97	4.6 .2 % 1555 % Passing 100 98 55 15 5 4 3	Spec. 100 90-100 20-55 0-15	Wgt. Of Sample (NWgt. Of Sample (EMgt. Of Sample (EMgt.))))))))))))))))))	Crushed G Wgt. Retained 0 155.1 2531.5 3990.5 5761.7	6000 191 3.26 Washed Wgt. ravel % Retained 0 0 3 42 67 96	592 % Passing 100 100 97 58 33 4	Spec. 100 90-100 20-55 0-10
Moisture Loss % Moisture Washed? ✓ Yes ✓ Crushed Stone Sieve 2" (50 mm) 1.5" (37.5 mm) 1" (25 mm) 3/4" (19mm) 1/2" (12.5mm) 3/8" (9.5mm) #4 (4.75mm) #8 (2.36mm)	Crushed Grav Wgt. Retained 0 274.7 7119.7 13427 14992.2 15137.2 15262.1 15307.8	172 1.19 Washed Wgt. el % Retained 0 2 45 85 95 96 97	4.6 .2 % 1555 % Passing 100 98 55 15 5 4 3 3	Spec. 100 90-100 20-55 0-15	Wgt. Of Sample (NWgt. Of Sample (EMgt. Of Sample (EMgt.))))))))))))))	Crushed G Wgt. Retained 0 155.1 2531.5 3990.5 5761.7 5844.2	6000 191 3.24 Washed Wgt. ravel % Retained 0 0 3 42 67 96 97	% 592 % Passing 100 100 97 58 33 4 3	Spec. 100 90-100 20-55 0-10
Moisture Loss % Moisture Washed?	Crushed Grav Wgt. Retained 0 274.7 7119.7 13427 14992.2 15137.2 15262.1 15307.8 15337.2	172 1.19 Washed Wgt. el % Retained 0 2 45 85 95 96 97 97	4.6 .2 % 1555 % Passing 100 98 .55 .15 .5 .4 .3 .3 .2	Spec. 100 90-100 20-55 0-15	Wgt. Of Sample (NWgt. Of Sample (EMgt. Of Sample (EMgt.))))))))))))))	Crushed G Wgt. Retained 0 155.1 2531.5 3990.5 5761.7 5844.2 5960.7	6000 191 3.2° Washed Wgt. ravel % Retained 0 0 0 3 42 67 96 97 99	% Section 592 % Passing 100 100 97 58 33 4 3 1	Spec. 100 90-100 20-55 0-10
Moisture Loss % Moisture Washed?	Crushed Grav Wgt. Retained 0 274.7 7119.7 13427 14992.2 15137.2 15262.1 15307.8 15337.2 15365.2	172 1.19 Washed Wgt. el Retained 0 2 45 85 95 96 97 97 98	4.6 .2 % 1555 % Passing 100 98 55 15 5 4 3 3 2	Spec. 100 90-100 20-55 0-15	Wgt. Of Sample (NWgt. Of Sample (EMoisture Loss) Moisture Washed? Yes Crushed Stone Sieve 1.5" (37.5 mm) 1" (25 mm) 3/4" (19mm) 1/2" (12.5mm) 3/8" (9.5mm) #4 (4.75mm) #8 (2.36mm) #16 (1.18mm) #30 (0.60mm)	Crushed G Wgt. Retained 0 155.1 2531.5 3990.5 5761.7 5844.2 5960.7 5867.6	6000 191 3.29 Washed Wgt. ravel % Retained 0 0 3 42 67 96 97 99 98	592 % Passing 100 100 97 58 33 4 3 1 2	Spec. 100 90-100 20-55 0-10
Moisture Loss % Moisture Washed? ✓ Yes ✓ Crushed Stone Sieve 2" (50 mm) 1.5" (37.5 mm) 1" (25 mm) 3/4" (19mm) 1/2" (12.5mm) 3/8" (9.5mm) #4 (4.75mm) #8 (2.36mm) #16 (1.18mm) #30 (0.60mm) #50 (0.30mm)	Crushed Grav Wgt. Retained 0 274.7 7119.7 13427 14992.2 15137.2 15262.1 15307.8 15337.2 15365.2 15402.5	172 1.19 Washed Wgt. el	4.6 .2 % 1555 % Passing 100 98 55 15 5 4 3 3 2 2	Spec. 100 90-100 20-55 0-15	Wgt. Of Sample (NWgt. Of Sample (EMoisture Loss) Moisture Washed? Yes Crushed Stone Sieve 1.5" (37.5 mm) 1" (25 mm) 3/4" (19mm) 1/2" (12.5mm) 3/8" (9.5mm) #4 (4.75mm) #8 (2.36mm) #16 (1.18mm) #30 (0.60mm) #50 (0.30mm)	Crushed G Wgt. Retained 0 155.1 2531.5 3990.5 5761.7 5844.2 5960.7 5867.6 5872.4	6000 191 3.29 Washed Wgt. ravel % Retained 0 0 3 42 67 96 97 99 98 98	592 % Passing 100 100 97 58 33 4 3 1 2 2	Spec. 100 90-100 20-55 0-10
Moisture Loss % Moisture Washed? ✓ Yes ✓ Crushed Stone Sieve 2" (50 mm) 1.5" (37.5 mm) 1" (25 mm) 3/4" (19mm) 1/2" (12.5mm) 3/8" (9.5mm) #4 (4.75mm) #8 (2.36mm) #16 (1.18mm) #30 (0.60mm) #50 (0.30mm) #100 (0.150mm)	Crushed Grav Wgt. Retained 0 274.7 7119.7 13427 14992.2 15137.2 15262.1 15307.8 15337.2 15365.2 15402.5 15456.6	172 1.19 Washed Wgt. el % Retained 0 2 45 85 95 96 97 97 98 98	4.6 .2 % 1555 % Passing 100 98 55 15 5 4 3 3 2 2 2 2	Spec. 100 90-100 20-55 0-15	Wgt. Of Sample (N Wgt. Of Sample (E Moisture Loss % Moisture Washed? ✓ Yes ✓ Crushed Stone Sieve 1.5" (37.5 mm) 1" (25 mm) 3/4" (19mm) 1/2" (12.5mm) 3/8" (9.5mm) #4 (4.75mm) #8 (2.36mm) #16 (1.18mm) #30 (0.60mm) #50 (0.30mm) #100 (0.150mm)	Moist) Ory) Crushed G Wgt. Retained 0 155.1 2531.5 3990.5 5761.7 5844.2 5960.7 5867.6 5872.4 5885.8	6000 191 3.26 Washed Wgt. ravel % Retained 0 0 3 42 67 96 97 99 98 98 98	592 % Passing 100 100 97 58 33 4 3 1 2 2 2	Spec. 100 90-100 20-55 0-10 0-5



Authorized By: J. Anderson

Rev. #: 1

Authorized Date: 3/28/12

Combined Concrete Aggregate Gradation

Project:	CTH	H - M,D, GG	Bridge		Fine Aggregate Source:		
State No.:		6723-00-71			Coarse Aggregate Source:		
Contractor:	A	Autelli Concr	ete		Concrete Batch Site:	Carew -	Waupun
Technician:	Travis	Kurey			Sample No.:	16-4401	1-1
Concrete Mix ID:	40204	20026			Date Sampled:	9/6/2016	
Aggregate Batch Prop	ortions			Aggregate Specification			
Fine Aggregate		43%	(A)	WisDOT Fine Aggregate			
Coarse Aggregate # 1		35%	(B)	WisDOT Coarse Aggregate #1	✓ Crushed Stone 🗌 (Crushed Gravel	
Coarse Aggregate # 2		22%	(C)	WisDOT Coarse Aggregate #2	✓ Crushed Stone 🗍	Crushed Gravel	

Indivi	idual Sieve An	alysis Data	Calculated Combined Gradation					
Sieve	(E)	(D)	(G)	C.A. #1	C.A. #2	F.A.		
Size	C.A. #1	C.A. #2	F.A.	(ExB)	(DxC)	(GxA)	Total (G)	
2" (50 mm)	100.0	100.0	100.0	35.0	22.0	43.0	100	
1.5" (37.5 mm)	100.0	98.3	100.0	35.0	21.6	43.0	100	
1" (25 mm)	100.0	54.7	100.0	35.0	12.0	43.0	90	
3/4" (19 mm)	97.4	14.6	100.0	34.1	3.2	43.0	80	
1/2" (12.7 mm)	57.8	4.6	100.0	20.2	1.0	43.0	64	
3/8" (9.5 mm)	33.5	3.7	100.0	11.7	0.8	43.0	56	
#4 (4.75 mm)	4.0	2.9	99.3	1.4	0.6	42.7	45	
#8 (2.36 mm)	2.6	2.6	83.1	0.9	0.6	35.7	37	
#16 (1.16 mm)	0.7	2.4	68.0	0.2	0.5	29.2	30	
#30 (0.6 mm)	2.2	2.2	52.2	0.8	0.5	22.5	24	
#50 (0.3 mm)	2.1	2.0	23.0	0.7	0.4	9.9	11	
#100 (0.15 mm)	1.9	1.6	2.5	0.7	0.4	1.1	2	
#200 (0.075 mm)	1.6	1.2	0.7	0.5	0.3	0.3	1.1	

100%

Test Result and Comb	ined Specification Limits	WisDOT	WisDOT	WisDOT	WisDOT
Sieve	Combined	Bridge	Bridge	Pvmt & Anc.	Pvmt & Anc.
Size	Gradation	Limits (Stone)	Limits (Gravel)	Limits (Stone)	Limits (Gravel)
2" (50 mm)	100	100	100	100	100
1.5" (37.5 mm)	100				
1" (25 mm)	90	<89	<89	<89 (Pvmt only)	<89 (Pvmt only)
3/4" (19 mm)	80				
1/2" (12.7 mm)	64				
3/8" (9.5 mm)	56				
#4 (4.75 mm)	45	<47	<42	<47	<42
#8 (2.36 mm)	37				
#16 (1.16 mm)	30				
#30 (0.6 mm)	24				
#50 (0.3 mm)	11				
#100 (0.15 mm)	2				
#200 (0.075 mm)	1.1	<2.3	<2.3	<2.3	<2.3

Reviewed By: J. Anderson

Rev. #:1

Rev. Date: 3/28/12



WisDOT Concrete Aggregate Sieve Analysis Lab Form

GeoTest Client										
	Augelli	Concre	ite		GeoTest Job #	5174				
•					Fine Aggrega	ate	14 /14.01			
	(TII In	1 22	1. (Lot #	: -	Sample No. 16-140 -1			
Project	CTH-M, E	5,665 B	Sciage		Moisture Conte	nt 🥕	~~/ A			
	6773 6	0.71	U		Wgt. Of Sample	,	3/6.C			
State No.	01750	U-11		<u>i</u>	Wgt. Of Sample	(Dry)	558.9	2001/18000180		
Sampled By:	Tank Y.	MIL DI	9-6-17	l	Moisture Loss		17.1		•	
Sampled by.	(Full Name)	TIES Day	e T O I	2	% Moisture		3.1	/	. .	
SAMPLED FROM					Washed? X Ye	<u>-</u> 5	Washed Wgt.	556	- 3	
] ВЕLТ 💢 STOCKP	PILE	☐ BIN [TRUCK	Washed: 75		vvasiled vvgt.	334		
SAMPLED AT:						Wgt.	%	%		
PRODUCTI					Sieve	Retained	Retained	Passing	Spec.	
∏ BATCH SIT	E	Carey	- Waupi	M	3/8" (9.5mm)	0	0	100	100	
	MUNCHER	V	5775	7/	#4 (4.75mm)	3,8		99	90-100	
Mix ID	1070119m	Ticket No.:	29/1	<u>1</u> 6	#8 (2.36mm)	94.6		83		
Time	4:16	_Load (CY):	10	1	#16 (1.18mm)	178,8	8	68	45-85	
	177-0	EIGHTS (SSD)	1111015		#30 (0.60mm)	266.9		52		
Fine Aggregate		Cemen	LIOA	4.	#50 (0.30mm)	430.1		25	5-30	
#1 Stone	1000	Fly Ash	- Audin San San	1	#100 (0.150mm)	544.7	0.70	3	0-10	
#2 Stone	A 0.0	Slag	70	1	F.M.		2.70			
Water	P. Senson Brack and Property and St.	gal. A.E.	114	_oz.	#200 (0.075mm)	554.8		0.7	0-3.5	
Other Pea Grave	CHANNEL CHIEF V	_ W. R	PUTTAL TO STORY	oz.	Pan	17			On the Steel at 1	
No. 2 Stone	Date of the state	Othe	E CAL-DAY	OZ.	No. 1 Stone	r Hissman	Reviewed By:	THE STATE OF		
Lot #:	. (-1	Sample No.	16-440	1_3	Lot #:	. 1-1	Cample No.	16-4401	2	
Moisture Conten		_ 04111010140	. 10	1-0	Moisture Conten		_ Salliple No.	וטון שו	,- <u>-</u> 2	
Wgt. Of Sample (15 fx6	. 8	ž.	Wgt. Of Sample		61921	Contract of		
Wgt, Of Sample (15714	. 6		Wgt. Of Sample		6000	5		
Moisture Loss		17:	2.2	4	Moisture Loss	(),	191	9	ļ	
			.1%		% Moisture		3-	2%	j I	
% Moisture			100010		The state of the s				*	
★ Yes	5	1117-1-1111		1156	X Ye	s		-0-		
_	S Crushed Gravel	Washed Wgt.	1555	1.5	Washed?	_	Washed Wgl.	5928	-,7	
√Nashed?	Crushed Gravel			1.5	Washed? Yes	Crushed Gravel			7	
Washed? Yes	Crushed Gravel Wgt.	%	%		Washed? Crushed Stone	Crushed Gravel Wgt.	%	%		
Nashed? Yes	Crushed Gravel Wgt. Retained	% Retained	% Passing	Spec.	Washed?	Crushed Gravel Wgt. Retained	% Retained	% Passing	Spec.	
Nashed? X Crushed Stone Sieve 2" (50 mm)	Crushed Gravel Wgt. Retained	%	% Passing	Spec.	Washed? Crushed Stone	Crushed Gravel Wgt. Retained	%	% Passing		
Nashed? Yes	Crushed Gravel Wgt. Retained	% Retained	% Passing	Spec. 100 90-100	Washed? Crushed Stone Sieve	Crushed Gravel Wgt. Retained	% Retained	% Passing	Spec.	
Vashed? Crushed Stone Sieve 2" (50 mm) 1.5" (37.5 mm)	Crushed Gravel Wgt. Retained 7119,7 13427,0	% Retained	% Passing	Spec.	Washed? Crushed Stone Sieve 1" (25 mm)	Crushed Gravel Wgt. Retained	% Retained	% Passing IOC IOC	Spec.	
Vashed? Yes Crushed Stone Sieve (50 mm) 1.5" (37.5 mm)	Crushed Gravel Wgt. Retained 274-7	% Retained	% Passing IOU 98	Spec. 100 90-100 20-55	Washed? Crushed Stone Sieve 1" (25 mm) 3/4" (19mm)	Wgt. Retained	% Retained	% Passing 100 100 100	Spec.	
Vashed? Yes X Crushed Stone	Crushed Gravel Wgt. Retained 7119,7 13427,0	% Retained	% Passing 100 98 55 15 5	Spec. 100 90-100 20-55	Washed? Crushed Stone Sieve 1" (25 mm)	Wgt. Retained	% Retained	% Passing IOC IOC	Spec.	
Vashed? Yes Sieve 2" (50 mm) 1.5" (37.5 mm) 1" (25 mm) 2/4" (19mm) 1/2" (12.5mm)	Crushed Gravel Wgt. Retained CO 374-7 7119.7 13427.0 14992.2 15137.2	% Retained	% Passing 100 98 55 15 5	Spec. 100 90-100 20-55 0-15	Washed? Crushed Stone Sieve 1" (25 mm) 3/4" (19mm) 1/2" (12.5mm) 3/8" (9.5mm) 44 (4.75mm)	Wgt. Retained 0 155.1 3531.5 3990.5	% Retained	% Passing 100 100 100 97 58 33	Spec. 100 90-100	
Nashed? Yes Sieve 2" (50 mm) 1.5" (37.5 mm) 1" (25 mm) 24" (19mm) 1/2" (12.5mm) 1/8" (9.5mm)	Crushed Gravel Wgt. Retained C/ 274-7 7/19,7 1342-7,0 14992, 2: 15137,2 15262.1 15307.8	% Retained	% Passing 100 98 55 15 5	Spec. 100 90-100 20-55 0-15	Washed? Crushed Stone Sieve	Crushed Gravel Wgt. Retained O 155. 3531.5 3990.5 5761.7 5844.2	% Retained	% Passing 100 100 100 97 58 33 4	Spec. 100 90-100 20-55	
Nashed? Yes Sieve 2" (50 mm) 1.5" (37.5 mm) 1" (25 mm) 1/2" (12.5mm) 1/8" (9.5mm) 1/4 (4.75mm) 1/8 (2.36mm) 1/16 (1.18mm)	Crushed Gravel Wgt. Retained C/ 274-7 7/19,7 1342-7.0 14992, 2: 15137,2 15262.1 15307.8 15337.2	% Retained	% Passing 100 98 55 15 5 4 3 3	Spec. 100 90-100 20-55 0-15	Washed? Crushed Stone	Crushed Gravel Wgt. Retained O S O 155.1 3531.5 3990.5 5761.7 5644.2 5860.7	% Retained	% Passing 100 100 100 97 58 33 4	Spec. 100 90-100 20-55 0-10	
Sieve 2" (50 mm) 1.5" (37.5 mm) 1" (25 mm) 1/2" (12.5mm) 1/8" (9.5mm) 1/4 (4.75mm) 1/8 (2.36mm) 1/9 (1.18mm) 1/9 (0.60mm)	Crushed Gravel Wgt. Retained CO 274-7 7119,7 13427.0 14992,2 15137,2 15367.8 1537.8 1537.2	% Retained	% Passing 100 98 55 15 5 14 3 3 2	Spec. 100 90-100 20-55 0-15	Washed? Crushed Stone	Wgt. Retained O S O 155.1 3531.5 3990.5 5761.7 5844.2 5860.7	% Retained	% Passing 100 100 100 97 58 33 4 3 2	Spec. 100 90-100 20-55 0-10	
Sieve 2" (50 mm) 1.5" (37.5 mm) 1" (25 mm) 1/2" (12.5mm) 1/8" (9.5mm) 1/4 (4.75mm) 1/8 (2.36mm) 1/9 (1.18mm) 1/9 (0.60mm) 1/9 (0.30mm)	Crushed Gravel Wgt. Retained CO 274-7 7119,7 13427.0 14992,2 15137.2 15367.2 15367.2 15367.2	% Retained	% Passing 100 98 55 15 5 4 3 3 2 2	Spec. 100 90-100 20-55 0-15	Washed? Crushed Stone	Crushed Gravel Wgt. Retained O 155.1 3531.5 3990.5 5761.7 5844.2 5860.7 5867.6	% Retained	% Passing 100 100 100 97 58 33 4 3 2 2	Spec. 100 90-100 20-55 0-10	
Sieve Sieve " (50 mm) 1.5" (37.5 mm) " (25 mm) 2" (12.5mm) 4" (19mm) 4" (1.2.5mm) 4 (4.75mm) 8 (2.36mm) 16 (1.18mm) 30 (0.60mm) 50 (0.30mm)	Crushed Gravel Wgt. Retained CO 274-7 7119,7 13427.0 14992,2 15137.2 15307.8 15307.8 15307.8 15307.8 15307.8	% Retained	% Passing 100 98 55 15 5 4 3 2 2 2	Spec. 100 90-100 20-55 0-15	Washed? Crushed Stone	Crushed Gravel Wgt. Retained O ISS. 3531.5 3990.5 5761.7 5844.2 5860.7 5867.6 \$ 872.4 5885.8	% Retained	% Passing 100 100 100 97 58 33 4 3 2 2 2	Spec. 100 90-100 20-55 0-10 0-5	
Sieve Sieve " (50 mm) .5" (37.5 mm) " (25 mm) /4" (19mm) /2" (12.5mm) /4" (4.75mm) /8 (2.36mm) 16 (1.18mm) 30 (0.60mm) 50 (0.30mm) 100 (0.150mm)	Crushed Gravel Wgt. Retained C7 274-7 7119.7 13427.0 14992.2: 15137.2 15262.1 15307.8 15307.8 15307.8 15345.2 1546.6 15519.5	% Retained	% Passing 100 98 55 15 5 4 3 3 2 2	Spec. 100 90-100 20-55 0-15	Washed? Crushed Stone	Crushed Gravel Wgt. Retained O O 156. 3531.5 3990.5 5761.7 5644.2 5867.6 \$872.4 5885.8 5906.6	% Retained	% Passing 100 100 100 97 58 33 4 3 2 2	Spec. 100 90-100 20-55 0-10	
Sieve Sieve " (50 mm) .5" (37.5 mm) " (25 mm) /4" (19mm) /2" (12.5mm) /4" (4.75mm) /8 (2.36mm) 16 (1.18mm) 30 (0.60mm) 50 (0.30mm) 100 (0.150mm)	Crushed Gravel Wgt. Retained C7 274-7 7119.7 13427.0 14992.2: 15137.2 15262.1 15307.8 15307.8 15307.8 15342.5 1545.6 15519.5	% Retained	% Passing 100 98 55 15 5 4 3 2 2 2	Spec. 100 90-100 20-55 0-15	Washed? Crushed Stone	Wgt. Retained O O 156. 3531.5 3990.5 5761.7 5644.2 5867.6 5872.4 5885.8 5906.6	% Retained	% Passing 100 100 100 97 58 33 4 3 2 2 2 1.6	Spec. 100 90-100 20-55 0-10 0-5	

8501,2

Form Reviewed By: G. Schmidt Rev #2

Rev. Date: 02/03/2016

GeoTest

×