Vendor:	J.H. LYNCH					Lab	No.	20220	0006		
										—— D. D.I	
Source:	FIRST ST. Q	UARRY				Loc	ation:	CUM	BERLAN	D, KI	
Sieve Analy	sis of Coarse	Aggrega	ite				AASI	HTO T-2	27		
% Passing		1 4 4 /2 !!		2/41	1 4 1		2/011	1 114			
GA 6:2/	2"	1 1/2"	1"	3/4"	1/2		3/8"	#4	#8		
CA Size:3/		100.0	100.0	99.0	21 86		6.6 23.9	2.9	2.7		
CA Size:1/ CA Size:3/		100.0	100.0	100.0	100		97.8	32.1	7.1		
CA Size: 3/	8 100.0	100.0	100.0	100.0	100).0	97.8	32.1	/.1		
CA Size.											
J nit Weigh t	t and Void in	Aggreg	ate				AASI	HTO T-1	9		
C	Nomina	al Aggrega	te Size:	1 1/	2"	1"		3/4"	1/2"	3/8"	
Compac	Unit W	eight: (lb	s./cu. ft.)					95.88	98.83	93.98	
	Nomin	al Aggrega	ıte Size:	1 1/	2"	1"		3/4"	1/2"	3/8"	
Loose	9	eight: (lb		1 1/	_				-7-2	0,0	
Resistance t	o Abrasion o	f CA by LA T			Mach Result		AASI	HTO T-9	06		
	Run # 1	1 В									
	• 1 1 1		<u> </u>								
Specific Gra	wity and Abs	sorption	of Coars	e Agg	regat	e	AASI	HTO T-8	35		
Nominal A	ggregate Size:	# 4	3/8"	1/2"	3/4"	1	" 1	1 1/2"			
Bulk Speci	fic Gravity:		2.653	2.714	2.705	5					
_	ravity (SSD):			2.734	2.724						
	Specific Gravity	/ :		2.771	2.756						
Absorption	1:		1.836	0.767	0.673	3					
Soundness o	of Aggregate	by Use o	f Sodiun	ı Sulfa	ate		AASH	ITO T-1	04		
Sieve Size:	2" - 1 1/2"	1 1/2" -	1" 1" -	3/4"	3/4"	- 1/2"	1/2"	' - 3/8"	3/8" - # 4	#4-#8	7
% Loss:											1
Amount of N	Material Fine	r than #	200 Siev	e in A	σστρ	σate	AAST	ЭТО Т 1	1		
		1 1/2"	1"		/4"	1/2		3/8"	# 4		
Aggregate	Dill Size	1 1/2	1	3	/ +	1/2		3/0	# 4		

ID# TL9-079 REV. 4/25/19

Vendor: PJ KEATING Lab No: 20220009 Source: PHENIX AVENUE QUARRY Location: CRANSTON, RI Sieve Analysis of Coarse Aggregate **AASHTO T-27** % Passing 2" 1" 3/4" 1 1/2" 1/2" 3/8" #4 #8 100.0 CA Size:3/4 100.0 100.0 98.6 58.5 12.7 1.2 0.6 CA Size:1/2 100.0 100.0 100.0 100.0 92.1 35.4 2.8 1.9 CA Size:3/8 91.7 21.4 100.0 100.0 100.0 100.0 99.8 5.6 CA Size: Unit Weight and Void in Aggregate **AASHTO T-19** 1" Nominal Aggregate Size: 1 1/2" 3/4" 1/2" 3/8" Compacted Unit Weight: (lbs./cu. ft.) 100.18 98.83 98.14 Nominal Aggregate Size: 1 1/2" 1" 3/4" 1/2" 3/8" Loose Unit Weight: (lbs./cu. ft.) Resistance to Abrasion of CA by use of the LA Machine AASHTO T-96 LA Type **LA Result** Run # 1 27.25 **Specific Gravity and Absorption of Coarse Aggregate AASHTO T-85** 1" Nominal Aggregate Size: #4 3/8" 1/2" 3/4" 1 1/2" **Bulk Specific Gravity:** 2.680 2.730 2.769 Specific Gravity (SSD): 2.718 2.758 2.798 **Apparent Specific Gravity:** 2.786 2.808 2.852 1.429 1.010 1.050 Absorption: Soundness of Aggregate by Use of Sodium Sulfate **AASHTO T-104** Sieve Size: 2" - 1 1/2" 1 1/2" - 1" 1" - 3/4" 3/4" - 1/2" 1/2" - 3/8" 3/8" - # 4 #4-#8 % Loss: Amount of Material Finer than # 200 Sieve in Aggregate AASHTO T-11

ID# TL9-079 REV. 4/25/19

3/4"

Aggregate Bin Size

% Passing # 200 sieve

1 1/2"

1"

1/2"

3/8"

4

Source: POUND HILL RD. QUARRY Location: N. SMITHFIELD, RI	Vendor:	MATERIALS S and S	Lab No: 20220012
	Source:	POUND HILL RD. QUARRY	Location: N. SMITHFIELD, RI

eve Analysis o	of Coarse	Aggrega	ite			AAS	НТО T-2	7	
% Passing		1				1 2/04	1	1 40	
In	2"	1 1/2"	1"	3/4"	1/2"	3/8"	#4	#8	
CA Size:3/4	100.0	100.0	100.0	68.0	7.3	2.1	1.4	1.2	
CA Size:1/2	100.0	100.0	100.0	99.9	81.6	22.0	2.3	1.9	
CA Size: 3/8 CA Size:	100.0	100.0	100.0	100.0	99.9	97.3	18.6	2.9	
it Weight and	d Void in	Aggreg	ate			AAS	HTO T-1	9	
Compacted	Nomina	l Aggrega	ate Size:	1 1/2	" 1	."	3/4"	1/2"	3/8"
Compacted	Unit W	eight: (lb	os./cu. ft.)				93.62	93.98	92.56
Loose	Nomina	l Aggrega	ate Size:	1 1/2	" 1	"	3/4"	1/2"	3/8"
		eight: (lb	use of th	e LA M		AAS	нто т-9	6	
esistance to A		f CA by	use of th		esult	AAS	НТО Т-9	6	
esistance to A	brasion of Run#1	CA by LA T	use of th	LA R 31.	esult 20		НТО Т-9 НТО Т-8		
	brasion of Run # 1 y and Abs	CA by LA T	use of th	LA R 31.	esult 20	AAS			
sistance to A	brasion of Run # 1 y and Abs	CA by LA T B orption	use of th	LA R 31. e Aggr	20 regate	AAS	нто т-8		
sistance to A ecific Gravity Nominal Aggre Bulk Specific G Specific Gravit	Run # 1 y and Abs gate Size: Gravity: y (SSD):	CA by LA T B orption #4	use of th	21. e Aggr	egate 3/4"	AAS	нто т-8		
sistance to A ecific Gravity Nominal Aggre Bulk Specific C	Run # 1 y and Abs gate Size: Gravity: y (SSD):	CA by LA T B orption #4	use of th	231. e Aggr 1/2"	egate 3/4" 2.599	AAS	нто т-8		
sistance to A ecific Gravity Nominal Aggre Bulk Specific G Specific Gravit	Run # 1 y and Abs gate Size: Gravity: y (SSD):	CA by LA T B orption #4	use of th	LA R 31. e Aggr 1/2"	egate 3/4" 2.599 2.617	AAS	нто т-8		
ecific Gravity Nominal Aggre Bulk Specific Gravit Apparent Spec Absorption:	Run # 1 y and Abs gate Size: Gravity: y (SSD): ific Gravity	CA by LA T B orption #4	use of the	LA R 31. e Aggr 1/2"	egate 3/4" 2.599 2.617 2.648 0.707	AAS	нто т-8	5	
esistance to A ecific Gravity Nominal Aggre Bulk Specific Gravit Apparent Spec Absorption: undness of A	Run # 1 y and Abs gate Size: Gravity: y (SSD): ific Gravity	CA by LA T B orption #4 ::	use of th ype of Coars 3/8"	e Aggr	egate 3/4" 2.599 2.617 2.648 0.707	AASI	HTO T-8 1 1/2" HTO T-10	5	#4-#9
ecific Gravity Nominal Aggre Bulk Specific Gravit Apparent Spec Absorption:	Run # 1 y and Abs gate Size: Gravity: y (SSD): ific Gravity	CA by LA T B orption #4	use of th ype of Coars 3/8"	e Aggr	egate 3/4" 2.599 2.617 2.648 0.707	AASI	HTO T-8	5	# 4 - # 8

An	nount of Material Finer	tnan # 2	oo Sieve	ın Aggre	gate AA	SHTO T-1	1
	Aggregate Bin Size	1 1/2"	1"	3/4"	1/2"	3/8"	# 4
	% Passing # 200 sieve						

				<u></u>	7 7 11 17						
Vendor: <u>LY</u>	NCH - TIV	ERTON	1			Lab	No:	20220	0017		
Source: FIS	H ROAD	QUARR	Y			Loc	ation:	TIVE	ERTON, RI	[
Sieve Analysis o	of Coarse	Aggrega	te				AASH	ITO T-2	27		
% Passing											
	2"	1 1/2"	1"	3/4"	1/2		3/8"	#4	#8		
CA Size:3/4	100.0	100.0	99.6	83.8	25	.0	8.5	3.8	2.9		
CA Size:1/2	100.0	100.0	100.0	100.0	94		28.9	6.9	4.7		
CA Size:3/8	100.0	100.0	100.0	100.0	100	0.0	94.1	18.9	5.0		
CA Size:											
Unit Weight and	d Void in	Aggreg	ate				AASH	ITO T-1	19		
	Nomina	l Aggrega	te Size:	1 1/	2"	1"		3/4"	1/2"	3/8"	
Compacted	Unit We	eight: (lb	s./cu. ft.)					96.11	93.49	92.67	
	Nomina	l Aggrega	te Size:	1 1/	2"	1"		3/4"	1/2"	3/8"	
Loose	Unit Wo	eight: (lb	s./cu. ft.)								
Resistance to Al	brasion of	CA by			Mach Result		AASH	ITO T-9	96		
	Run # 1	В		3	8.20						
Specific Gravity	and Abso	orption	of Coars	e Agg	regat	e	AASH	ITO T-8	35		
Nominal Aggre	gate Size:	# 4	3/8"	1/2"	3/4"	1	l" 1	1/2"			
Bulk Specific G	_		2.536	2.567	2.592	2					
Specific Gravit	y (SSD):		2.582	2.600	2.61:	5					
Apparent Speci		:	2.659	2.654	2.654	4					
Absorption:	<u> </u>		1.819	1.277	0.893	3					
Soundness of Ag	ggregate b	y Use o	f Sodiun	Sulfa	ate		AASH	TO T-1	04		
Sieve Size: 2	2" - 1 1/2"	1 1/2" - 1	1" 1"-	3/4"	3/4"	- 1/2"	1/2"	- 3/8"	3/8" - # 4	#4-#8]
% Loss:	·					-	1	-		1	1
Amount of Mate	erial Fine	r than #	200 Sio	o in A	aaro	gata	AAOT	ITO T 1	11		
							<u>.</u>				
Aggregate Bin	Size	1 1/2"	1"	3	/4''	1/2	•••	3/8"	# 4		

ID# TL9-079 REV. 4/25/19

% Passing # 200 sieve

Vendor:	RAWSON S and G	Lab No:	20220020
Source:	CHASE PIT	Location:	PUTNAM, CT

ource: <u>CHA</u>	SE PIT				L	ocatio	n: PUT	NAM, CT		
Sieve Analysis of	Coarsa	\	nto.			.	SUTO T 1	N7		
	Cuarse	aggrega	iie			AA	SHTO T-2	47		
% Passing	2"	1 1/2"	1"	3/4"	1/2"	3/8"	' #4	#8		
CA Size:3/4	100.0	100.0	99.7	96.7	6.6	1.6	1.1	0.9		
CA Size:1/2	100.0	100.0	100.0	100.0	79.0	11.5	5 1.1	0.9		
CA Size:3/8	100.0	100.0	100.0	100.0	99.2	81.6	5.0	1.6		
CA Size:										
Unit Weight and	Void in	Aggreg	ate			AA	SHTO T-1	9		
	Nomina	l Aggrega	ate Size:	1 1/2	!" 1	"	3/4"	1/2"	3/8"	
Compacted			os./cu. ft.)				94.67	95.59	97.24	
		l Aggrega	-	1 1/2	." 1	"	3/4"	1/2"	3/8"	
Loose			s./cu. ft.)	1 1/2		-				
Resistance to Abr	rasion of	_				AA	SHTO T-9)6		
Resistance to Abı	rasion of	CA by			Machine Result	AA	SHTO T-9	96		
Resistance to Abı	rasion of Run#1	_	ype	LA R		AA	SHTO T-9	96		
Resistance to Abr	Run # 1	LA T	ype	LA R	Result		SHTO T-9			
	Run#1	LA T	ype	LA R	Result					
Specific Gravity a	Run # 1 and Abso	LA T B orption	ype of Coars	LA R 46 se Aggr	Result .57 regate	AA	SHTO T-8			
Specific Gravity a	Run # 1 and Absorate Size: avity:	LA T B orption	ype of Coars	LA R 46 se Aggr	Result .57 regate	AA	SHTO T-8			
Specific Gravity a Nominal Aggrega Bulk Specific Gra	Run # 1 and Absorate Size: avity: (SSD):	LAT B orption #4	ype of Coars 3/8" 2.664	LA R 46 se Aggr	Result .57 regate	AA	SHTO T-8			_
Specific Gravity a Nominal Aggrega Bulk Specific Gravity (Run # 1 and Absorate Size: avity: (SSD):	LAT B orption #4	of Coars 3/8" 2.664 2.701	LA R 46 se Aggr	Result .57 regate	AA	SHTO T-8			
Specific Gravity a Nominal Aggrega Bulk Specific Gravity (Apparent Specifi	Run # 1 and Absorate Size: avity: (SSD): c Gravity:	LAT B orption #4	3/8" 2.664 2.701 2.767 1.387	LA R 46 se Aggr	regate 3/4"	AA\ 1"	SHTO T-8	35		_
Specific Gravity a Nominal Aggrega Bulk Specific Gravity (Apparent Specific Absorption: Soundness of Agg	Run # 1 and Absorate Size: avity: (SSD): c Gravity:	LAT B orption #4	ype of Coars 3/8" 2.664 2.701 2.767 1.387 f Sodium	LA R 46 se Aggr 1/2"	regate 3/4"	AAS	SHTO T-8	35	#4-#8	
Specific Gravity a Nominal Aggrega Bulk Specific Gravity (Apparent Specific Absorption: Soundness of Agg	Run # 1 and Absorate Size: avity: (SSD): c Gravity: gregate b	LAT B Orption #4	ype of Coars 3/8" 2.664 2.701 2.767 1.387 f Sodium	LA R 46 se Aggr 1/2"	regate 3/4" te	AAS	SHTO T-8	04	# 4 - # 8	
Nominal Aggrega Bulk Specific Gravity of Apparent Specific Absorption: Soundness of Agg Sieve Size: 2"	Run # 1 and Absorate Size: avity: (SSD): c Gravity: gregate b	LAT B Orption #4 y Use o	ype of Coars 3/8" 2.664 2.701 2.767 1.387 f Sodium 1" 1" -	LAR 46 Se Aggr 1/2" n Sulfa	regate 3/4" te 3/4" - 1/	AAS 2" 1/2	SHTO T-8 1 1/2" SHTO T-1 2" - 3/8"	04 3/8" - # 4	#4-#8	
Nominal Aggrega Bulk Specific Gravity (Apparent Specific Absorption: Soundness of Agg Sieve Size: 2" % Loss:	Run # 1 and Absorate Size: avity: (SSD): c Gravity: gregate b - 1 1/2"	LAT B Orption #4 y Use o	ype of Coars 3/8" 2.664 2.701 2.767 1.387 f Sodium 1" 1" -	LAR 46 Se Aggr 1/2" n Sulfa	regate 3/4" te 3/4" - 1/	AAS 2" 1/2	SHTO T-8 1 1/2" SHTO T-1 2" - 3/8"	04 3/8" - # 4	#4-#8	

Vendor:	BROX IND	DRAC	UT]	Lab No:	20220	0024		
Source:	DRACUT (CUT, MA		
Source.	DRACUT	UAKKI				Location	DKA	CUI, MA		
Sieve Analy	ysis of Coars	e Aggrega	nte			AASI	HTO T-2	27		
% Passin		1 1 / 2 !!	1 100	2/4!!	1/2!!	2/01	1 "4	100		
CA Size:3	2" 3/4 100.0	1 1/2"	1" 100.0	3/4"	1/2" 89.9		1.0	# 8 0.8		
CA Size:	100.0	100.0	100.0	100.0	89.9	20.3	1.0	0.8		
CA Size:								+		
CA Size:		+						+		
U nit Weigh	t and Void	in Aggreg	ate			AASI	HTO T-1	19		
C	Nomi	nal Aggreg	ate Size:	1 1/2	2"	1"	3/4"	1/2"	3/8"	
Compa	Unit	Weight: (ll	os./cu. ft.)				102.14			
	Nomi	nal Aggreg	ate Size	1 1/2	2"	1"	3/4"	1/2"	3/8"	
Loos	se	Weight: (1)		1 1/2	-	-	0/1	1,2	570	
Posistanco :	to Abrasian	of CA by	usa of th	0 I A I	Machin	10 4461				
Resistance	to Abrasion	LA T	ype	LA I	Result	ne AASI	HTO T-9	96		
	Run ‡	LAT	уре	LA I	Result	_				
Specific Gr	Run #	LAT 1 B osorption	ype of Coars	12 se Agg	Result 2.90 regate	- AASI	нто т-8			
Specific Gr	Run # avity and Al Aggregate Size	LAT 1 B osorption	уре	LA I	Result 2.90 regate 3/4"	- AASI				
Specific Gr Nominal A Bulk Spec	Run # ravity and Al Aggregate Size cific Gravity:	LAT 1 B osorption	ype of Coars	12 se Agg	Result 2.90 regate 3/4" 2.858	- AASI	нто т-8			
Specific Gr Nominal A Bulk Spec Specific G	Run # avity and Al Aggregate Size cific Gravity: Gravity (SSD):	LAT B osorption #4	ype of Coars	12 se Agg	Result 2.90 regate 3/4" 2.858 2.880	- AASI	нто т-8			
Specific Gr Nominal A Bulk Specific G Specific G	Run # Pavity and Al Paggregate Size Posific Gravity: Pavity (SSD): Specific Gravity	LAT B osorption #4	ype of Coars	12 se Agg	Result 2.90 regate 3/4" 2.858 2.880 2.924	- AASI	нто т-8			
Specific Gr Nominal A Bulk Specific G Specific G Apparent Absorptio	Run # Favity and Al Aggregate Size Effic Gravity: Gravity (SSD): Specific Gravion:	LAT Bosorption # 4 ty:	of Coars	LA 1 12 12 12 17 172"	Result 2.90 regate 3/4" 2.858 2.880 2.924 0.797	- AASI	нто т-8			
Specific Gr Nominal A Bulk Specific G Specific G Apparent Absorptio	Run # Pavity and Al Paggregate Size Posific Gravity: Pavity (SSD): Specific Gravity	LAT Bosorption # 4 ty:	of Coars	LA 1 12 12 12 17 172"	Result 2.90 regate 3/4" 2.858 2.880 2.924 0.797	AASI	нто т-8	35		
Specific Gr Nominal A Bulk Specific G Specific G Apparent Absorptio	Run # avity and Al Aggregate Size cific Gravity: Gravity (SSD): Specific Gravion: of Aggregate	LAT Bosorption #4 ty:	of Coars 3/8" f Sodium	LA 1 12 12 12 17 172"	Result 2.90 regate 3/4" 2.858 2.880 2.924 0.797	AASI	HTO T-8	35	# 4 - # 8	1
Specific Gr Nominal A Bulk Specific G Specific G Apparent Absorptio	Run # avity and Al Aggregate Size cific Gravity: Gravity (SSD): Specific Gravion: of Aggregate	LAT Bosorption #4 ty:	of Coars 3/8" f Sodium	LA I 12 se Aggs 1/2" n Sulfa	Result 2.90 regate 3/4" 2.858 2.880 2.924 0.797	AASI	HTO T-8	04	# 4 - # 8	
Specific Gr Nominal A Bulk Specific G Apparent Absorptio Soundness of Sieve Size % Loss:	Run # avity and Al Aggregate Size cific Gravity: Gravity (SSD): Specific Gravion: of Aggregate	LAT Bosorption # 4 ty: by Use o	of Coars 3/8" f Sodium 1" 1" -	LA 1 12 12 16 Agg: 1/2" 1 Sulfa 3/4"	Result 2.90 regate 3/4" 2.858 2.880 2.924 0.797	AASI AASI 1/2" 1/2'	HTO T-8	04 3/8" - # 4	# 4 - # 8	
Specific Gr Nominal A Bulk Specific G Apparent Absorptio Soundness of Sieve Size % Loss:	Run # Pavity and Al Aggregate Size Effic Gravity: Fravity (SSD): Specific Gravion: of Aggregate : 2" - 1 1/2" Material Fin	LAT Bosorption # 4 ty: by Use o	of Coars 3/8" f Sodium 1" 1" -	LA I 12 se Aggs 1/2" n Sulfa 3/4"	Result 2.90 regate 3/4" 2.858 2.880 2.924 0.797	AASI AASI 1/2" 1/2'	HTO T-8 1 1/2" ITO T-1 ' - 3/8"	04 3/8" - # 4	# 4 - # 8]

/endor: <u>CH</u>	ERENZIA	-			L	ab No:	20220	0029	
ource: OL	D HOPKI	NTON R	D.		L	ocation:	WES	TERLY, R	I
Sieve Analysis (of Coarse	Aggrega	ite			AASI	HTO T-2	27	
% Passing	2"	1 1/2!!	1"	2/4!!	1/2!!	2/01	11.4	110	
CA Size:3/4	100.0	1 1/2" 100.0	100.0	3/ 4'' 99.6	1/2"	3/8" 2.3	1.7	1.4	
CA Size:1/2	100.0	100.0	100.0	100.0	66.6	10.3	1.6	1.3	
CA Size:3/8	100.0	100.0	100.0	100.0	99.2	72.1	6.0	1.3	
CA Size:	100.0	100.0	100.0	100.0	77.2	72.1	0.0	1.3	
Jnit Weight an	d Void in	Aggreg	ate			AASI	HTO T-1	9	
<u> </u>		l Aggrega		1 1/2	'' 1	["	3/4"	1/2"	3/8"
Compacted		eight: (lb		1 1/2	+-'	·	90.44	92.67	91.91
		l Aggrega		1 1/2	,, l	["	3/4"	1/2"	3/8"
Loose		00 0		1 1/2		L	3/4	1/2	3/0
Resistance to A		`	use of th	ne LA N		AASI	HTO T-9	06	
Resistance to A		`	use of th	ie LA N		AASI	HTO T-9	26	
Resistance to A		CA by	use of th	LA F		AASI	HTO T-9	96	
	brasion of Run#1	CA by LA T B	use of th	LA F	esult 76				
Specific Gravit	brasion of Run # 1 y and Abs	CCA by LA T B orption	use of th	LA F	regate	AASI	HTO T-8		
pecific Gravit	brasion of Run # 1 y and Absence the Size:	CA by LA T B	use of the	1/2" LA F	regate 3/4"	AASI			
Specific Gravit Nominal Aggro Bulk Specific O	brasion of Run # 1 y and Absergate Size: Gravity:	CCA by LA T B orption	use of the	2.604	zesult .76 zegate 3/4" 2.597	AASI	HTO T-8		
Specific Gravit Nominal Aggre Bulk Specific G Specific Gravit	Run # 1 y and Absergate Size: Gravity: ty (SSD):	CCA by LA T B orption #4	use of the ype of Coars 3/8" 2.522 2.571	1/2" 2.604 2.626	2.597 2.621	AASI	HTO T-8		
Specific Gravity Nominal Aggree Bulk Specific Gravity Apparent Spec	Run # 1 y and Absergate Size: Gravity: ty (SSD):	CCA by LA T B orption #4	use of the ype of Coars 3/8" 2.522 2.571	2.604	2.597 2.621	AASI	HTO T-8		
Nominal Aggree Bulk Specific G Specific Gravit Apparent Spec Absorption:	Run # 1 y and Absergate Size: Gravity: ty (SSD):	CCA by LA T B orption #4	use of the ype of Coars 3/8" 2.522 2.571 2.653 1.958	LA F 35 se Aggi 1/2" 2.604 2.626 2.664 0.859	2.597 2.621 2.661 0.928	AASI	HTO T-8	35	
Nominal Aggree Bulk Specific G Specific Gravit Apparent Spec Absorption:	Run # 1 y and Absergate Size: Gravity: ty (SSD):	CCA by LA T B orption #4	use of the ype of Coars 3/8" 2.522 2.571 2.653 1.958	LA F 35 se Aggi 1/2" 2.604 2.626 2.664 0.859	2.597 2.621 2.661 0.928	AASI	HTO T-8	35	
Nominal Aggree Bulk Specific Gravit Apparent Specific Absorption:	Run # 1 y and Absergate Size: Gravity: ty (SSD):	CCA by LA T B orption #4	use of the sype of Coars 3/8" 2.522 2.571 2.653 1.958 f Sodium	1/2" 2.604 2.626 2.664 0.859	2.597 2.621 2.661 0.928	AASH	HTO T-8	35	#4-#8
Nominal Aggree Bulk Specific Gravit Apparent Specific Absorption:	Run # 1 y and Absergate Size: Gravity: ty (SSD): dific Gravity	LA T B orption #4 by Use o	use of the sype of Coars 3/8" 2.522 2.571 2.653 1.958 f Sodium	1/2" 2.604 2.626 2.664 0.859	regate 3/4" 2.597 2.621 2.661 0.928	AASH	HTO T-8	04	#4-#8
Nominal Aggree Bulk Specific Gravit Apparent Specific Absorption: Soundness of A	Run # 1 y and Absergate Size: Gravity: ty (SSD): dific Gravity ggregate b 2" - 1 1/2"	LA T B orption #4 Oy Use o	use of the sype of Coars 3/8" 2.522 2.571 2.653 1.958 f Sodium 1" 1" -	LA F 35 Se Aggi 1/2" 2.604 2.626 2.664 0.859 m Sulfa	regate 3/4" 2.597 2.621 2.661 0.928 te 3/4" - 1/	AASH AASH 2" 1/2"	HTO T-8	04 3/8" - # 4	#4-#8
Nominal Aggree Bulk Specific Gravit Apparent Specific Gravit Absorption: Soundness of A Sieve Size: % Loss:	Run # 1 y and Absergate Size: Gravity: ty (SSD): dific Gravity ggregate k 2" - 1 1/2"	LA T B orption #4 Oy Use o	use of the sype of Coars 3/8" 2.522 2.571 2.653 1.958 f Sodium 1" 1" -	LA F 35 Se Aggi 1/2" 2.604 2.626 2.664 0.859 m Sulfa	regate 3/4" 2.597 2.621 2.661 0.928 te 3/4" - 1/	AASH AASH 2" 1/2"	HTO T-8	04 3/8" - # 4	# 4 - # 8

ID# TL9-079 REV. 4/25/19

Vendor:	TILCON	- NE	W BRIT	TAIN			Lab	No:	<u>20220</u>	0034		
Source:	NEW BE	RITAI	N QUA	RRY			Loc	atio	n: PLAI	NVILLE,	CT	
Sieve Analy	sis of Coa	arse A	Aggrega	te				AAS	SHTO T-2	7		
% Passin												
		2"	1 1/2"	1"	3/4"	1/2	2"	3/8"	' #4	#8		
CA Size:												
CA Size:												
CA Size:												
CA Size:												
Unit Weigh	t and Voi	d in	Aggreg	ate				AAS	SHTO T-1	9		
	, No	minal	Aggrega	te Size:	1 1	/2"	1"		3/4"	1/2"	3/8"	
Compa	ctea —		ight: (lb		1							
	<u> </u>				11	/2!!	1 11		2/4!!	1/2!!	2/011	
Loos	е		Aggrega		1 1,	/2"	1"	-	3/4"	1/2"	3/8"	
	U	nit we	ight: (lb	s./cu. ft.)								
Resistance t		on of un # 1	CA by			Mach Result		AAS	SHTO T-9	6		
Specific Gra	avity and	Abso	rption	of Coars	e Agg	gregat	e	AAS	SHTO T-8	25		
Nominal A	ggregate S	ize:	# 4	3/8"	1/2"	3/4"		l"	1 1/2"			
Bulk Speci	ific Gravity	7:				2.908	3					
Specific G	ravity (SSI)):				2.93	5					
Apparent	Specific Gi	avity:				2.99	1					
Absorption	n:					0.952	2					
				L					<u> </u>			
Soundness			-			_			SHTO T-10			_
Sieve Size:	2" - 1 1	1/2"	1 1/2" - 1	<u>l" 1"-</u>	3/4"	3/4"	- 1/2'	1/2	2" - 3/8"	3/8" - # 4	# 4 - # 8	
% Loss:												
Amount of	Material	Finer	than #	200 Siev	e in A	Aggre	gate	AAS	SHTO T-1	1		
Aggregate	Bin Size		1 1/2"	1"	3	/4"	1/2	"	3/8"	# 4		
% Passing	# 200 sieve	e										

Vendor:	TILCON - WA	ALLING	FORD			Lab	No:	20220	0035		
Source:	WALLINGFO	RD QU	ARRY			Loca	tion:	WAL	LINGFOR	D, CT	
Sieve Analys	sis of Coarse A	Aggrega	ite				AASI	ITO T-2	7		
% Passing											
Ta., a., a.,	2"	1 1/2"	1"	3/4"	1/2		3/8"	#4	#8		
CA Size:3/4	100.0	100.0	100.0	100.0	79	.4	40.0	4.3	1.1		
CA Size:											
CA Size:											
CA Size:											
U nit Weight	and Void in	Aggreg	ate				AASI	ITO T-1	9		
C	Nominal	Aggrega	te Size:	1 1/	/2"	1"		3/4"	1/2"	3/8"	
Compac	Unit We	ight: (lb	s./cu. ft.)					107.48			
	Nominal	Aggrega	ıte Size:	1 1	/2"	1"		3/4"	1/2"	3/8"	
Loose		00 0	s./cu. ft.)	1 1/	-				1/2		
	Run # 1	LA T	_		Result						
											
Specific Gra	vity and Abso	rption	of Coars	e Agg	gregat	e	AASI	ITO T-8	5		
Nominal A	ggregate Size:	# 4	3/8"	1/2"	3/4"	1'	' 1	1/2"			
	fic Gravity:			2.886							
	avity (SSD):			2.919							
	specific Gravity:			2.986							
Absorption	<u>:</u>	<u> </u>		1.161							
Soundness o	f Aggregate b	y Use of	f Sodium	Sulf	ate		AASH	TO T-10)4		
Sieve Size:	2" - 1 1/2"	1 1/2" - 1	1" 1"-	3/4"	3/4"	- 1/2"	1/2"	- 3/8"	3/8" - # 4	# 4 - # 8	
% Loss:											
Amount of N	Aaterial Finer	than #	200 Siev	e in A	Aggre	gate	AASI	HTO T-1	1		_
Aggregate	Bin Size	1 1/2"	1"	3	5/4"	1/2"	· [3/8"	# 4		
% Passing											
			<u> </u>						1		

Vendor:	<u>P.A.</u> LA	ANDEI	RS			L	ab No:	20220	0047	<u></u>	
Source:	PLYM	OUTH	QUARI	RY		L	ocation:	HAN	OVER, MA	4	
Sieve Ana	-	coarse A	Aggrega	ite			AASI	HTO T-2	7		
% Pass	ing [2"	1 1/2"	1"	3/4"	1/2"	3/8"	#4	#8		
CA Size:	:3/8	100.0	100.0	100.0	100.0	98.8	91.9	7.6	3.7		
CA Size:	:										
CA Size:	:										
CA Size:	:										
U nit Weig	tht and V	oid in	Aggreg	ate			AASI	HTO T-1	9		
C	, , , j	Nomina	l Aggrega	ate Size:	1 1/2	''	1"	3/4"	1/2"	3/8"	
Comp)acted			s./cu. ft.)						93.98	
-		Nomina	l Aggrega	ate Size:	1 1/2	''	1"	3/4"	1/2"	3/8"	
Lo	ose L		eight: (lb								
Resistance	_				e LA M	Iachine	e AASI	HTO T-9	6		
Resistance	e to Abras	sion of		use of th	e LA M		e AASI	HTO T-9	6		
	e to Abras	sion of Run # 1	CA by LA T	use of th	LA R	esult					
Specific G	e to Abras	sion of Run#1 nd Abso	CA by LA T B orption	use of th	LA R	esult egate	AASI	HTO T-8			
Specific G	e to Abras	sion of Run # 1 nd Abso	CA by LA T	use of th	LA R	esult	AASI				
Specific G Nominal Bulk Spo	e to Abras	sion of Run # 1 nd Abso	CA by LA T B orption	use of th ype of Coars	LA R	esult egate	AASI	HTO T-8			
Specific G Nominal Bulk Specific	e to Abras Fravity an Aggregate	sion of Run # 1 nd Abso e Size: ity: SD):	LAT B orption #4	use of th ype of Coars 3/8" 2.607	LA R	esult egate	AASI	HTO T-8			
Specific G Nominal Bulk Specific	e to Abras Fravity and Aggregate ecific Gravity (Sant Specific Control of the Con	sion of Run # 1 nd Abso e Size: ity: SD):	LAT B orption #4	use of th ype of Coars 3/8" 2.607 2.653	LA R	esult egate	AASI	HTO T-8			
Bulk Spe Specific Apparen	e to Abras Fravity an Aggregate ecific Gravity (Sont Specific Cion:	sion of Run # 1 nd Abso e Size: ity: SD): Gravity:	CA by LA T B orption # 4	use of the sype of Coars 3/8" 2.607 2.653 2.732 1.742	e Aggre	egate 3/4"	1" 1	HTO T-8	5		
Specific G Nominal Bulk Specific Specific Apparen Absorpt	Fravity and Aggregate ecific Gravity (Sent Specific Cion:	sion of Run # 1 nd Abso e Size: ity: SD): Gravity:	CA by LA T B orption # 4	use of the speed of Coars 3/8" 2.607 2.653 2.732 1.742 f Sodium	e Aggre	egate 3/4"	AASH	HTO T-8	5	# 4 - # 8]
Specific G Nominal Bulk Specific Apparen Absorpt	e to Abras Fravity an Aggregate ecific Gravity (SS nt Specific Cion: s of Aggre	sion of Run # 1 nd Abso e Size: ity: SD): Gravity:	LAT B orption #4	use of the speed of Coars 3/8" 2.607 2.653 2.732 1.742 f Sodium	e Aggre	egate 3/4"	AASH	HTO T-8	5	#4-#8	
Specific G Nominal Bulk Specific Apparen Absorpt Soundness	Fravity and Aggregate ecific Gravity (Sont Specific Cion: s of Aggregate ecific Cion: ze: 2" - 1	sion of Run # 1 nd Abso e Size: ity: SD): Gravity: egate b	LAT B orption #4 y Use o	use of the speed of Coars 3/8" 2.607 2.653 2.732 1.742 f Sodium 1" 1" -	e Aggre	egate 3/4" e 8/4" - 1/	AASH AASH 2" 1/2"	HTO T-8	5 04 3/8" - # 4	#4-#8	
Specific G Nominal Bulk Specific Apparen Absorpt Soundness Sieve Siz % Loss:	Fravity and Aggregate ecific Gravity (Sont Specific Cion: s of Aggregate ecific Cion: ze: 2" - 1	sion of Run # 1 nd Abso e Size: ity: SD): Gravity: egate b 1 1/2"	LAT B orption #4 y Use o	use of the speed of Coars 3/8"	e Aggre	egate 3/4" egate 3/4" - 1/	AASH AASH 2" 1/2"	HTO T-8	5 04 3/8" - # 4	# 4 - # 8	

Vendor:	G. LO	PES					Lab	No:	20220	0049		
Source:	MIDD	LEBOR	O PIT				Loc	ation	n: <u>MIDI</u>	OLEBORO	O, MA.	
Sieve Analy	sis of (Coarse A	Aggrega	te				AAS	SHTO T-2	.7		
% Passin	g	2"	1 1/2"	1"	3/4"	1/2)''	3/8"	#4	#8	l	
CA Size:			1 1/2	1	3/4	1/2		3/0	#4	#0		
CA Size:												
CA Size:												
CA Size:												
Unit Weigh	t and V	oid in A	Aggreg	ate				AAS	БНТО Т-1	9		
	. 1	Nominal	Aggrega	te Size:	11	/2"	1"		3/4"	1/2"	3/8"	
Compa	cted	Unit Wei)				98.34	92.25		
		Nominal	Aggrega	te Size:	11	/2"	1"	Ť	3/4"	1/2"	3/8"	
Loos	e	Unit Wei	00 0								5.0	
			~									
Resistance 1	to Abra	asion of	CA by	use of t	the LA	Mach	ine	AAS	SHTO T-9	6		
			LA T	ype	LA	Result						
		Run # 1	В		2	27.48						
Specific Gr	avity a	nd Abso	rption	of Coa	rse Ag	gregat	e	AAS	SHTO T-8	25		
Nominal A	Aggregat	e Size:	# 4	3/8"	1/2"	3/4"		1"	1 1/2"			
Bulk Spec	ific Gra	vity:			2.769	2.78	4					
Specific G	ravity (S	SSD):			2.799	2.808	3					
Apparent	Specific	Gravity:			2.853	2.85	1					
Absorptio	n:				1.068	0.842	2					
Soundness	of Aggı	regate by	y Use of	f Sodiu	m Sulf	ate		AAS	HTO T-10	04		
Sieve Size:	: 2" -	1 1/2"	1 1/2" - 1	1" 1"	- 3/4"	3/4"	- 1/2'	1/2	2" - 3/8"	3/8" - # 4	#4-#8	
% Loss:												
Amount of	Materi	al Finer	than #	200 Si	eve in A	Aggre	gate	AAS	SHTO T-1	1		
Aggregate	Bin Siz	e	1 1/2"	1"		3/4"	1/2	,"	3/8"	# 4		
% Passing												

endor:	CARDI (CORF) .			L	ab No:	20220	0066		
ource:	Hopkins	Hill_				L	ocation:	West	Greenwich	, RI	
ieve Analy	sis of Co	arse A	\	ite			AASH	ITO T-2	7		
% Passir						1 400		1	T		
G + G + G		2"	1 1/2"	1"	3/4"	1/2"	3/8"	#4	#8		
CA Size:3		100.0	100.0	100.0	96.8	11.3	2.9	1.6	1.1		
CA Size:1		100.0	100.0	100.0	100.0	79.3	25.1	2.6	1.6		
CA Size:3	1	100.0	100.0	100.0	100.0	99.8	94.1	26.0	7.7		
CA Size:								<u> </u>			
nit Weigh	t and Voi	id in	Aggreg	ate			AASH	ITO T-1	9		
_	. No	ominal	l Aggrega	te Size:	1 1/2	2" 1	["	3/4"	1/2"	3/8"	
('amna	ctea 🗀		eight: (lb		_			94.44	94.73	94.85	
Compa	IUi										
Compa	<u> </u>			4 6:	1 1 1	.		2/4!!	1/2"	2/0"	
Loos	se No	Jominal	l Aggrega	os./cu. ft.)			["	3/4"	1/2"	3/8"	
•	se No	Jominal Jnit We	cight: (lb	use of tl	he LA I			3/4" ITO T-9		3/8"	
Loos	se No	Jominal	eight: (lb	use of tl	he LA I	Machine				3/8"	
Loos	to Abrasi	Jominal Jnit We John of Run # 1	eight: (lb	use of tl	he LA I	Machine Result	AASH		6	3/8"	
Loos Resistance	to Abrasi	Jominal Jnit We ion of Run # 1	eight: (lb	use of tl	he LA I	Machine Result	AASH	ITO T-9	6	3/8"	
Loos Resistance pecific Gr	to Abrasi Ravity and	Jominal Juit We ion of Run # 1 I Abso	Eight: (lb	use of tl ype of Coar	he LA I	Machine Result regate	AASH	ITO T-9 ITO T-8	6	3/8"	
Loos Resistance pecific Gr Nominal A Bulk Spec	to Abrasi Reavity and	Jominal Juit We John of Run # 1 Abso Size:	Eight: (lb	use of tl ype of Coar	he LA I LA I se Aggi	Machine Result regate	AASH	ITO T-9 ITO T-8	6	3/8"	
Loos Resistance pecific Gr Nominal A Bulk Specific G	to Abrasi Reavity and Aggregate Selfic Gravity	Jonit We ion of Run # 1 d Abso Size: ty: D):	Eight: (lb	use of tl ype of Coar	the LA I LA I see Aggin 1/2" 2.622	Machine Result regate 3/4" 2.600	AASH	ITO T-9 ITO T-8	6	3/8"	
Loos Resistance pecific Gr Nominal A Bulk Specific G	to Abrasi Reavity and Aggregate Selfic Gravity (SSI Specific Gravity	Jonit We ion of Run # 1 d Abso Size: ty: D):	Eight: (lb	os./cu. ft.) use of tl ype of Coar 3/8" 2.529 2.575	se Aggr 1/2" 2.622 2.646	Machine Result regate 3/4" 2.600 2.618	AASH	ITO T-9 ITO T-8	6	3/8"	
Loos Resistance Pecific Gr Nominal A Bulk Specific G Apparent	to Abrasi Reavity and Aggregate Selfic Gravity Gravity (SSI Specific Gravity	Jominal Juit We John of John of John Hall Absorb Size: Ty: D): Fravity:	Eight: (lb	os./cu. ft.) use of tl ype of Coar 3/8" 2.529 2.575 2.651 1.809	se Aggr 1/2" 2.622 2.646 2.685 0.893	Machine Result regate 3/4" 2.600 2.618 2.648 0.695	AASH 1" 1	ITO T-9 ITO T-8	5	3/8"	
Loos Resistance Pecific Gr Nominal A Bulk Specific G Apparent Absorption	to Abrasi Reavity and Aggregate Scific Gravity (SSI Specific Gravity on the control of Aggregate Science of Aggre	ion of Run # 1 I Abso Size: Ey: D): Gravity:	Eight: (lb	os./cu. ft.) use of tl ype of Coar 3/8" 2.529 2.575 2.651 1.809 f Sodiur	se Aggr 1/2" 2.622 2.646 2.685 0.893	Machine Result regate 3/4" 2.600 2.618 2.648 0.695	AASH	ITO T-9	5	3/8"	

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3/4"

1/2"

3/8"

4

Aggregate Bin Size

% Passing # 200 sieve

1 1/2"

1"

		AKSE A	GGKE	JAII	LAINE	LIS	13 KI		1 - 2022		
Vendor: <u>(</u>	CUMBERLA	ND QUA	ARRY .			Lab	No:	20220	0068		
Source: 1	MANVILLE I	HILL RO	OAD			Loc	ation:	CUM	BERLANI	D, RI	
_											
Sieve Analysi	is of Coarse A	Aggrega	te				AASE	ITO T-2	27		
% Passing											
	2"	1 1/2"	1"	3/4"	1/2		3/8"	#4	#8		
CA Size:3/4		100.0	100.0	97.7	40		10.1	1.9	1.4		
CA Size:1/2	100.0	100.0	100.0	100.0	_		43.3	2.7	1.9		
CA Size:3/8	100.0	100.0	100.0	100.0	100	0.0	99.2	22.0	2.5		
CA Size:											
Unit Weight	and Void in	Aggrega	nte				AASE	ITO T-1	19		
C	Nominal	l Aggrega	te Size:	1 1/	2"	1"		3/4"	1/2"	3/8"	
Compact	Unit We	ight: (lbs	s./cu. ft.)					94.70	93.62	92.45	
_	Nomina	l Aggrega	te Size:	1 1/	2"	1"		3/4"	1/2"	3/8"	
Loose		ight: (lb									
	Run # 1	LA Ty B	pe	LA	Result						
Specific Grav	vity and Abso	orption (of Coars	e Agg	regat	e	AASH	ITO T-8	35		
Nominal Ag	gregate Size:	# 4	3/8"	1/2"	3/4"	1	" 1	1/2"			
Bulk Specifi	c Gravity:		2.579	2.645	2.652	2					
Specific Gra	vity (SSD):		2.624	2.676	2.673	3					
Apparent S _l	pecific Gravity:		2.700	2.730	2.71						
Absorption:			1.731	1.169	0.825	5					
Soundness of	'Aggregate b	y Use of	Sodium	Sulfa	ate		AASH	TO T-1	04		
Sieve Size:	2" - 1 1/2"	1 1/2" - 1	" 1" -	3/4"	3/4"	- 1/2"	1/2"	- 3/8"	3/8" - # 4	#4-#8]
% Loss:											1
Amount of M	laterial Fine	than #	200 Siev	e in A	Aggre	gate	AASE	ITO T-1	11		-
Aggregate E	Bin Size	1 1/2"	1"	3	/4"	1/2	"	3/8"	# 4		
% Passing #				1							
		1	1								

Vendor:	Contine	ental Pa	ving				Lab	No:	2022	0069		
Source:	Hanove	er, NH					Loc	ation:	NH			
Sieve Anal	ysis of C	oarse A	Aggrega	ite				AASI	HTO T-2	27		
% Passi	ng _											
		2"	1 1/2"	1"	3/4"	1/2	2"	3/8"	#4	#8		
CA Size:	3/4	100.0	100.0	100.0	100.0	87	.7	24.0	1.5	0.5		
CA Size:							_					
CA Size:												
CA Size:												
Unit Weigl	ht and V	oid in	Aggreg	ate				AASI	HTO T-1	19		
	[Nominal	l Aggrega	ate Size:	1 1/	2"	1"		3/4"	1/2"	3/8"	
Compa	acted -			s./cu. ft.)					94.28	1		
		Nomina	l Aggrega	nte Size:	1 1/	2"	1"		3/4"	1/2"	3/8"	
Loo	ise L			s./cu. ft.)	1 1/	-			-	1,2		
	L											
Resistance	to Abra	sion of	CA by	use of th	e LA	Mach	ine	AASI	HTO T-9	96		
			LA T	vpe	LA	Result						
	-	Run # 1	В			6.75						
	-	Kull π 1				0.75						
Specific G	ravity an	d Abso	orption	of Coars	se Agg	regat	e	AASI	TO T-8	85		
Nominal	Aggregate	Size:	# 4	3/8"	1/2"	3/4"	1	" 1	1 1/2"			
Bulk Spe	cific Grav	ity:				2.683	5					
Specific (Gravity (S	SD):				2.712	2					
Apparent	t Specific (Gravity:				2.759	9					
Absorpti	on:					0.994	4					
Soundness	of Aggre	egate b	y Use o	f Sodiun	n Sulfa	ate		AASH	ITO T-1	04		
Sieve Size	e: 2" -	1 1/2"	1 1/2" -	1" 1" -	3/4"	3/4"	- 1/2"	1/2"	' - 3/8''	3/8" - # 4	#4-#8	コ
% Loss:												7
Amount of	Materia	ıl Finer	· than #	200 Siev	ve in A	ggre	gate	AASI	HTO T-1	11		
	e Bin Size		1 1/2"			/4"	1/2		3/8"	# 4		

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Vendor:	FORT MILL	ER				Lab No	o: 2	0220	0080		
Source:	SCHUYLER		V						JYLERVII	I F NY	
	SCITO I ELIK	VILLE IV	1			Docatic	лг. <u>Б</u>	CIIC	JILLKVII		
<u> </u>	• • • • • • • • • • • • • • • • • • • •										
•	sis of Coarse	Aggrega	te			AA	SHT) T-2	:7		
% Passin	g 2"	1 1/2"	1"	3/4"	1/2	2" 3/8	"	#4	#8		
CA Size:3/	/4 100.0	100.0	100.0	99.7	69			6.7	3.8		
CA Size:											
CA Size:											
CA Size:											
———— Unit Weigh	t and Void in	Aggreg	ate			Δ Δ	SHTO) T ₋ 1	q		
· · · · g				1 4 4	 I					2/011	
Compa	cted	ll Aggrega eight: (lb		1 1/	2"	1"	3/4 102		1/2"	3/8"	
Loos	e	ıl Aggrega		1 1/	2"	1"	3/4	!"	1/2"	3/8"	
	Unit W	eight: (lb	s./cu. ft.)								
	Run # 1	LA Ty	pe		Result 8.12						
Specific Gra	avity and Abs	orption (of Coars	e Agg	regat	e AA	SHTO) T-8	25		
Nominal A	aggregate Size:	# 4	3/8"	1/2"	3/4"	1"	1 1/2	2"			
	ific Gravity:			2.648	2.650)					
Specific G	ravity (SSD):			2.673	2.685	5					
	Specific Gravity	:		2.717	2.746						
Absorption	n:			0.956	1.329)					
Soundness of	of Aggregate l	oy Use of	Sodium	Sulfa	ate	AA	SHTO	T-1	04		
Sieve Size:	2" - 1 1/2"	1 1/2" - 1	" 1" -	3/4"	3/4"	- 1/2" 1/	/2" - 3	/8"	3/8" - # 4	# 4 - # 8	1
% Loss:]
Amount of	Material Fine	r than #	200 Siev	e in A	Aggre	gate AA	SHT) T-1	1		
Aggregate	Bin Size	1 1/2"	1"	3	/4"	1/2"	3/8	3"	# 4		
	# 200 sieve	1									

Vendor:	MIOZZI					Lab N	lo:	20220	0082		·
Source:	CAROLINA	RD.							RLESTOV	VN. RI	
	CHROEHWI	ICD.				Local	1011.	CITT	TELSTO V	, ICI	
Ciava Amale	win of Coord	A =======	4.0								
•	rsis of Coarse	Aggrega	ite			A	ASH	ITO T-2	:7		
% Passin	g 2"	1 1/2"	1"	3/4"	1/2	2" 3	/8"	#4	#8		
CA Size:3	/ 4 100.0	100.0	100.0	93.4	58	.8 2	2.8	1.3	0.9		
CA Size:1	/2 100.0	100.0	100.0	100.0	90	.6 5	7.4	6.6	5.3		
CA Size:											
CA Size:											
———— Unit Weigh	t and Void in	Aggreg	ate			A	ASH	TO T-1	9		
-	Nomina	al Aggrega	ite Size:	1 1/	2"	1"	Т	3/4"	1/2"	3/8"	
Compa	ctea	eight: (lb						92.70	94.47	89.84	
		al Aggrega		1 1/	2"	1"	$\dot{\top}$	3/4"	1/2"	3/8"	
Loos	e	eight: (lb		1 1/			+	<i>5/4</i>	1/2	3/0	
	Run # 1	LA T	-		Result						
Specific Gr	avity and Abs	orption	of Coars	e Agg	regat	<u> </u>	ASH	TO T-8	25		
Nominal A	Aggregate Size:	# 4	3/8"	1/2"	3/4"	1"	1	1/2"			
	ific Gravity:			2.533	2.568	3					
Specific G	ravity (SSD):			2.575	2.598	3					
Apparent	Specific Gravity	:		2.644	2.648	3					
Absorptio	n:			1.661	1.186	5					
Soundness (of Aggregate	by Use o	f Sodium	Sulfa	ate	A	ASH	TO T-1	04		
Sieve Size	: 2" - 1 1/2"	1 1/2" -	1" 1"-	3/4"	3/4"	- 1/2"	1/2"	- 3/8"	3/8" - # 4	#4-#8	7
% Loss:]
Amount of	Material Fine	r than #	200 Siev	e in A	ggreg	gate A	ASH	ITO T-1	1		
Aggregate	Bin Size	1 1/2"	1"	3	/4''	1/2"	T	3/8"	# 4		
	g # 200 sieve	+									

ndor: <u>BE</u>	VILAQUA	A			La	ab No:	20220	0083	
ırce: <u>QU</u>	AKER HV	WY			Lo	ocation:	UXB	RIDGE, M	A
eve Analysis (% Passing	of Coarse	Aggrega	ite			AASI	HTO T-2	<u>.</u> 7	
70 1 assing	2"	1 1/2"	1"	3/4"	1/2"	3/8"	#4	#8	
CA Size:3/4	100.0	100.0	100.0	93.6	32.3	8.9	1.6	1.0	
CA Size:1/2	100.0	100.0	100.0	100.0	90.7	40.9	2.6	1.0	
CA Size:3/8	100.0	100.0	100.0	100.0	100.0	96.7	26.5	5.4	
CA Size:									
nit Weight an	d Void in	Aggreg	ate			AASI	HTO T-1	19	
0	Nomina	ıl Aggrega	ate Size:	1 1/2	2" 1	."	3/4"	1/2"	3/8"
Compacted	Unit W	eight: (lb	s./cu. ft.)				94.05	95.16	93.87
_	Nomina	ıl Aggrega	ate Size:	1 1/2)" 1	**	3/4"	1/2"	3/8"
T					4 I I		3/4	1/4	3/0 1
Loose	Unit W	eight: (lk		1 1/2	2 1	:"	3/4	1/2	3/8
Loose esistance to A	_	eight: (lb	use of th	ne LA I			HTO T-9		3/6
esistance to A	brasion of Run # 1 y and Abs	eight: (Ib	use of the	LA I LA I 21 se Agg	Machine Result	AASI	HTO T-9	96	3/6
esistance to A ecific Gravity	Brasion of Run # 1 y and Absegate Size:	eight: (lb	use of the sype of Coars	1/2"	Machine Result .65 regate 3/4"	AASI	HTO T-9	96	3/6
esistance to A ecific Gravity Nominal Aggre	brasion of Run # 1 y and Absegate Size: Gravity:	eight: (Ib	use of the ype of Coars 3/8" 2.500	LA I LA I 21 se Agg: 1/2" 2.560	Machine Result .65 regate 3/4" 2.590	AASI	HTO T-9	96	3/6
ecific Gravity Nominal Aggre Bulk Specific G	Run # 1 y and Abs egate Size: Gravity: y (SSD):	eight: (lb	os./cu. ft.) use of the sype of Coarse 3/8" 2.500 2.559	LA I LA I 21 se Agg 1/2" 2.560 2.591	Machine Result .65 regate 3/4" 2.590 2.615	AASI	HTO T-9	96	3/6
ecific Gravity Nominal Aggre Bulk Specific Gravity Apparent Spec	Run # 1 y and Abs egate Size: Gravity: y (SSD):	eight: (lb	os./cu. ft.) use of the sype of Coarse 2.500 2.559 2.657	LA I LA I 21 See Aggi 1/2" 2.560 2.591 2.641	Machine Result65 regate 2.590 2.615 2.656	AASI	HTO T-9	96	3/6
ecific Gravity Nominal Aggre Bulk Specific G	Run # 1 y and Abs egate Size: Gravity: y (SSD):	eight: (lb	os./cu. ft.) use of the sype of Coarse 3/8" 2.500 2.559	LA I LA I 21 se Agg 1/2" 2.560 2.591	Machine Result .65 regate 3/4" 2.590 2.615	AASI	HTO T-9	96	3/6
ecific Gravity Nominal Aggre Bulk Specific Gravit Apparent Spec Absorption: undness of A	Run # 1 y and Abs gate Size: Gravity: y (SSD): ific Gravity	eight: (lb	os./cu. ft.) use of the sype of Coarse 3/8" 2.500 2.559 2.657 2.361	LA I LA I 21 See Agg 1/2" 2.560 2.591 2.641 1.196	Machine Result .65 regate 3/4" 2.590 2.615 2.656 0.952	AASH 1" 1	HTO T-9	35	3/6
ecific Gravity Nominal Aggre Bulk Specific Gravit Apparent Spec Absorption: undness of A	Run # 1 y and Abs gate Size: Gravity: y (SSD): ific Gravity	eight: (lb	os./cu. ft.) use of the sype of Coarse 3/8" 2.500 2.559 2.657 2.361 f Sodiur	LA I LA I 21 See Agg 1/2" 2.560 2.591 2.641 1.196	Machine Result .65 regate 3/4" 2.590 2.615 2.656 0.952	AASH AASH AASH	HTO T-8	35	#4-#8

ID# TL9-079 REV. 4/25/19

3/4"

1/2"

3/8"

4

Amount of Material Finer than # 200 Sieve in Aggregate AASHTO T-11

1"

1 1/2"

Aggregate Bin Size