

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT**

Vendor FOSTER (CSI) **Lab No:** 20250101

Source HOPKINGTON QUARRY **Location:** HOPKINTON, NH

Sieve Analysis Of Coarse Aggregate									AASHTO T - 27
	3/8"	#4	#8	#16	#30	#50	#100	#200	F.M.
Percent Passing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.00

Unit Weight in Void Aggregate		AASHTO T - 19 / T - 304
Compacted	Unit Weight _____	
Loose	Unit Weight _____	

Specific Gravity And Absorption Of Fine Aggregate				AASHTO T - 84
Bulk S.G	2.717	Apparent S.G	2.791	
Bulk SSD	2.744	Absorption	0.98	

Plastic Fines by Sand Equivalence		AASHTO T - 176
Plastic Fines	0.00	

Organic Impurities by Sands for Concrete		AASHTO T - 21

Amount Of Material Finer than #200 Sieve in Aggregate		AASHTO T - 37
0		

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Vendor PJ KEATING - CRANSTON **Lab No:** 20250110

Source PHENIX AVE. **Location:** CRANSTON, RI

Sieve Analysis Of Coarse Aggregate									AASHTO T - 27
	3/8"	#4	#8	#16	#30	#50	#100	#200	F.M.
Percent Passing	100.0	99.9	86.9	63.9	43.4	24.9	9.5	3.8	2.72

Unit Weight in Void Aggregate		AASHTO T - 19 / T - 304
Compacted	Unit Weight	_____
Loose	Unit Weight	_____

Specific Gravity And Absorption Of Fine Aggregate		AASHTO T - 84
Bulk S.G	2.678	Apparent S.G 2.767
Bulk SSD	2.71	Absorption 1.19

Plastic Fines by Sand Equivalence		AASHTO T - 176
Plastic Fines	0.00	

Organic Impurities by Sands for Concrete		AASHTO T - 21

Amount Of Material Finer than #200 Sieve in Aggregate		AASHTO T - 37
0		

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Vendor RICHMOND SAND and GRAVEL

Lab No: 20250125

Source STILSON ROAD PIT

Location: RICHMOND, RI

Sieve Analysis Of Coarse Aggregate									AASHTO T - 27
	3/8"	#4	#8	#16	#30	#50	#100	#200	F.M.
Percent Passing	100.0	96.1	77.8	57.6	36.3	17.3	5.0	1.4	3.10

Unit Weight in Void Aggregate		AASHTO T - 19 / T - 304
Compacted	Unit Weight _____	
Loose	Unit Weight _____	

Specific Gravity And Absorption Of Fine Aggregate		AASHTO T - 84
Bulk S.G	2.622	Apparent S.G 2.635
Bulk SSD	2.627	Absorption 0.18

Plastic Fines by Sand Equivalence		AASHTO T - 176
Plastic Fines	0.00	

Organic Impurities by Sands for Concrete		AASHTO T - 21

Amount Of Material Finer than #200 Sieve in Aggregate		AASHTO T - 37
0		

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Vendor SOUTH COUNTY S & G **Lab No:** 20250148

Source CHARLESTOWN PIT **Location:** CHARLESTOWN, RI

Sieve Analysis Of Coarse Aggregate									AASHTO T - 27
	3/8"	#4	#8	#16	#30	#50	#100	#200	F.M.
Percent Passing	100.0	100.0	86.0	62.4	33.0	12.7	3.4	0.9	3.03

Unit Weight in Void Aggregate		AASHTO T - 19 / T - 304
Compacted	Unit Weight _____	
Loose	Unit Weight _____	

Specific Gravity And Absorption Of Fine Aggregate		AASHTO T - 84
Bulk S.G	2.602 _____	Apparent S.G 2.644 _____
Bulk SSD	2.618 _____	Absorption 0.62 _____

Plastic Fines by Sand Equivalence		AASHTO T - 176
Plastic Fines	0.00 _____	

Organic Impurities by Sands for Concrete		AASHTO T - 21

Amount Of Material Finer than #200 Sieve in Aggregate		AASHTO T - 37
0 _____		

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Vendor P.A. LANDERS

Lab No:

20250160

Source PLYMOUTH PIT

Location:

PLYMOUTH, MA

Sieve Analysis Of Coarse Aggregate								AASHTO T - 27	
	3/8"	#4	#8	#16	#30	#50	#100	#200	F.M.
Percent Passing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.00

Unit Weight in Void Aggregate		AASHTO T - 19 / T - 304
Compacted	Unit Weight	_____
Loose	Unit Weight	_____

Specific Gravity And Absorption Of Fine Aggregate		AASHTO T - 84
Bulk S.G	0	Apparent S.G 0

Bulk SSD	0	Absorption 0

Plastic Fines by Sand Equivalence		AASHTO T - 176
Plastic Fines	0.00	

Organic Impurities by Sands for Concrete		AASHTO T - 21

Amount Of Material Finer than #200 Sieve in Aggregate		AASHTO T - 37
0		

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Vendor MATERIALS SAND and
STONE

Lab No: 20250171

Source POUND HILL ROAD

Location: N. SMITHFIELD

Sieve Analysis Of Coarse Aggregate									AASHTO T - 27
	3/8"	#4	#8	#16	#30	#50	#100	#200	F.M.
Percent Passing	100.0	99.4	79.4	52.9	36.2	21.6	8.8	3.3	3.02

Unit Weight in Void Aggregate		AASHTO T - 19 / T - 304
Compacted	Unit Weight	_____
Loose	Unit Weight	_____

Specific Gravity And Absorption Of Fine Aggregate		AASHTO T - 84
Bulk S.G	2.598	Apparent S.G
	_____	2.648
Bulk SSD	2.617	Absorption
	_____	0.72

Plastic Fines by Sand Equivalence		AASHTO T - 176
Plastic Fines	0.00	

Organic Impurities by Sands for Concrete	AASHTO T - 21

Amount Of Material Finer than #200 Sieve in Aggregate	AASHTO T - 37
0	

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Vendor J.P. CARRARA **Lab No:** 20250172

Source MIDDLEBURY, VT **Location:** MIDDLEBURY, VT

Sieve Analysis Of Coarse Aggregate									AASHTO T - 27
	3/8"	#4	#8	#16	#30	#50	#100	#200	F.M.
Percent Passing	100.0	99.5	88.6	66.0	42.8	19.2	5.3	1.4	2.79

Unit Weight in Void Aggregate		AASHTO T - 19 / T - 304
Compacted	Unit Weight _____	
Loose	Unit Weight _____	

Specific Gravity And Absorption Of Fine Aggregate		AASHTO T - 84
Bulk S.G	2.616 _____	Apparent S.G 2.663 _____
Bulk SSD	2.634 _____	Absorption 0.67 _____

Plastic Fines by Sand Equivalence		AASHTO T - 176
Plastic Fines	0.00 _____	

Organic Impurities by Sands for Concrete		AASHTO T - 21

Amount Of Material Finer than #200 Sieve in Aggregate		AASHTO T - 37
0 _____		

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Vendor CUMBERLAND QUARRY **Lab No:** 20250198

Source MANVILLE HILL ROAD **Location:** CUMBERLAND, RI

Sieve Analysis Of Coarse Aggregate									AASHTO T - 27
	3/8"	#4	#8	#16	#30	#50	#100	#200	F.M.
Percent Passing	100.0	98.0	42.7	16.3	7.9	5.2	3.5	1.5	4.26

Unit Weight in Void Aggregate		AASHTO T - 19 / T - 304
Compacted	Unit Weight _____	
Loose	Unit Weight _____	

Specific Gravity And Absorption Of Fine Aggregate		AASHTO T - 84
Bulk S.G	2.623 _____	Apparent S.G 2.716 _____
Bulk SSD	2.657 _____	Absorption 1.31 _____

Plastic Fines by Sand Equivalence		AASHTO T - 176
Plastic Fines	0.00 _____	

Organic Impurities by Sands for Concrete		AASHTO T - 21

Amount Of Material Finer than #200 Sieve in Aggregate		AASHTO T - 37
0 _____		

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Vendor P.A. LANDERS **Lab No:** 20250212

Source HANOVER PIT **Location:** HANOVER, MA.

Sieve Analysis Of Coarse Aggregate									AASHTO T - 27
	3/8"	#4	#8	#16	#30	#50	#100	#200	F.M.
Percent Passing	100.0	97.3	87.6	73.8	46.6	31.6	4.3	1.4	2.59

Unit Weight in Void Aggregate		AASHTO T - 19 / T - 304
Compacted	Unit Weight	_____
Loose	Unit Weight	_____

Specific Gravity And Absorption Of Fine Aggregate		AASHTO T - 84
Bulk S.G	2.601	Apparent S.G
	_____	2.648
Bulk SSD	2.618	Absorption
	_____	0.68

Plastic Fines by Sand Equivalence		AASHTO T - 176
Plastic Fines	0.00	

Organic Impurities by Sands for Concrete		AASHTO T - 21

Amount Of Material Finer than #200 Sieve in Aggregate		AASHTO T - 37
0		

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Vendor MIOZZI ASPHALT SAND **Lab No:** 20250225

Source CAROLINA RD. **Location:** CHARLESTOWN, RI

Sieve Analysis Of Coarse Aggregate									AASHTO T - 27
	3/8"	#4	#8	#16	#30	#50	#100	#200	F.M.
Percent Passing	100.0	99.8	82.4	59.0	38.1	21.2	9.0	3.3	2.91

Unit Weight in Void Aggregate		AASHTO T - 19 / T - 304
Compacted	Unit Weight _____	
Loose	Unit Weight _____	

Specific Gravity And Absorption Of Fine Aggregate		AASHTO T - 84
Bulk S.G	2.596 _____	Apparent S.G 2.641 _____
Bulk SSD	2.613 _____	Absorption 0.65 _____

Plastic Fines by Sand Equivalence		AASHTO T - 176
Plastic Fines	0.00 _____	

Organic Impurities by Sands for Concrete		AASHTO T - 21

Amount Of Material Finer than #200 Sieve in Aggregate		AASHTO T - 37
0 _____		

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Vendor FORT MILLER **Lab No:** 20250251

Source FORT MILLER **Location:** GREENWICH, NEW YORK

Sieve Analysis Of Coarse Aggregate									AASHTO T - 27
	3/8"	#4	#8	#16	#30	#50	#100	#200	F.M.
Percent Passing	100.0	96.4	80.6	63.3	48.4	26.3	6.1	1.9	2.79

Unit Weight in Void Aggregate		AASHTO T - 19 / T - 304
Compacted	Unit Weight _____	
Loose	Unit Weight _____	

Specific Gravity And Absorption Of Fine Aggregate		AASHTO T - 84
Bulk S.G	2.674 _____	Apparent S.G 2.724 _____
Bulk SSD	2.693 _____	Absorption 0.68 _____

Plastic Fines by Sand Equivalence		AASHTO T - 176
Plastic Fines	0.00 _____	

Organic Impurities by Sands for Concrete		AASHTO T - 21

Amount Of Material Finer than #200 Sieve in Aggregate		AASHTO T - 37
0 _____		

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Vendor MERRIL CONSTRUCTION **Lab No:** 20250252

Source **Location:** PEMBROKE, NH

Sieve Analysis Of Coarse Aggregate									AASHTO T - 27
	3/8"	#4	#8	#16	#30	#50	#100	#200	F.M.
Percent Passing	100.0	97.4	92.8	82.3	61.3	33.6	13.8	5.7	2.19

Unit Weight in Void Aggregate		AASHTO T - 19 / T - 304
Compacted	Unit Weight	_____
Loose	Unit Weight	_____

Specific Gravity And Absorption Of Fine Aggregate		AASHTO T - 84
Bulk S.G	2.609	Apparent S.G
	_____	2.681
Bulk SSD	2.635	Absorption
	_____	1.03

Plastic Fines by Sand Equivalence		AASHTO T - 176
Plastic Fines	0.00	

Organic Impurities by Sands for Concrete		AASHTO T - 21

Amount Of Material Finer than #200 Sieve in Aggregate		AASHTO T - 37
0		
