RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	J.H. LYNCH	Lab No:	20180103
Source:	FIRST STREET QUARRY	Location:	CUMBERLAND, RI

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	97.6	65.9	38.6	24.0	16.2	10.8	7.2	3.47

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 109.37 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.718 **Apparent S.G.:** 2.784

Bulk (SSD): 2.742 **Absorption:** 0.87

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 86.00

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	PJ KEATING - CRANSTON	Lab No:	20180110
Source:	PHENIX AVE.	Location:	CRANSTON, RI

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	98.3	85.5	66.8	44.2	22.7	8.3	3.1	2.74

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 107.59 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.604 **Apparent S.G.:** 2.638

Bulk (SSD): 2.617 **Absorption:** 0.50

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 92.50

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	DRY BRIDGE SAND and STONE	Lab No:	20180113
Source:	SLOCUM PIT	Location:	N. KINGSTOWN, RI

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	99.9	86.6	59.3	33.9	17.3	7.6	1.9	2.95

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 105.40 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.608 **Apparent S.G.:** 2.653

Bulk (SSD): 2.625 **Absorption:** 0.64

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 95.50

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	RAWSON SAND and GRAVEL	Lab No:	20180120
Source:	SOCHOR PIT	Location:	PUTNAM, CT

Sieve Analysis of Fine Aggregate

AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	99.7	88.7	65.6	40.0	19.3	8.4	3.8	2.78

Unit Weight and Void in Aggregate

AASHTO T-19

Unit Weight: 109.19 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate

AASHTO T-84

Bulk S.G.: 2.728 **Apparent S.G.:** 2.766

Bulk (SSD): 2.742 **Absorption:** 0.50

Plastic Fines by Sand Equivalence

AASHTO T-176

Plastic Fines: 94.50

Organic Impurities in Sands for Concrete

AASHTO T-21

Between Organic Plate # 1 and # 2

Amount of Material Finer than # 200 Sieve in Aggregate

AASHTO T-37

_____ **%**

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	CHERENZIA	Lab No:	20180123
Source:	OLD HOPKINTON RD. QUARRY	Location:	WESTERLY, RI

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	99.5	87.2	66.7	47.6	30.1	14.1	5.5	2.55

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 103.13 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.:	2.621	**Apparent S.G.:**	2.647
Bulk (SSD):	2.631	**Absorption:**	0.38

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 90.00

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ **%**

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	RICHMOND SAND and GRAVEL	Lab No:	20180125
Source:	STILSON ROAD PIT	Location:	RICHMOND, RI

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	97.8	84.2	67.4	42.0	19.7	6.8	1.7	2.82

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 103.05 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.639 **Apparent S.G.:** 2.658

Bulk (SSD): 2.646 **Absorption:** 0.28

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 94.50

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	CAPE COD AGGREGATES	Lab No:	20180126
Source:	HYANNIS	Location:	HYANNIS, MA

Sieve Analysis of Fine Aggregate **AASHTO T-27**

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :									

Unit Weight and Void in Aggregate **AASHTO T-19**

Unit Weight: _____ **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate **AASHTO T-84**

Bulk S.G.: _____ **Apparent S.G.:** _____

Bulk (SSD): _____ **Absorption:** _____

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

Plastic Fines: _____

Organic Impurities in Sands for Concrete **AASHTO T-21**

_____

_____

Amount of Material Finer than # 200 Sieve in Aggregate **AASHTO T-37**

_____ **%**

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	PJ KEATING - ACUSHNET	Lab No:	20180135
Source:	ACUSHNET QUARRY	Location:	ACUSHNET, MA

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	89.3	64.9	34.9	18.2	9.6	4.0	2.0	3.79

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 104.73 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.635 **Apparent S.G.:** 2.680

Bulk (SSD): 2.652 **Absorption:** 0.64

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 93.00

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	LYNCH - TIVERTON	Lab No:	20180141
Source:	FISH ROAD QUARRY	Location:	TIVERTON

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	99.7	73.6	48.1	32.2	20.9	13.0	9.2	3.12

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 99.15 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.608 **Apparent S.G.:** 2.647

Bulk (SSD): 2.623 **Absorption:** 0.56

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 89.00

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	SOUTH COUNTY S & G	Lab No:	20180148
Source:	CHARLESTOWN PIT	Location:	CHARLESTOWN, RI

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	99.9	84.2	61.0	37.2	19.7	7.8	1.8	2.90

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 107.15 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.610 **Apparent S.G.:** 2.635

Bulk (SSD): 2.620 **Absorption:** 0.36

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 94.50

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	P.A. LANDERS	Lab No:	20180160
Source:	PLYMOUTH PIT	Location:	PLYMOUTH, MA

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	98.2	91.4	80.0	51.4	20.1	3.4	0.5	2.55

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 108.14 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.:	2.616	**Apparent S.G.:**	2.638
Bulk (SSD):	2.624	**Absorption:**	0.32

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 97.00

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ **%**

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	G. LOPES	Lab No:	20180169
Source:	MIDDLEBORO PIT	Location:	MIDDLEBORO, MA

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	99.0	84.5	69.6	51.0	25.3	5.3	1.8	2.65

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 106.62 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.:	2.629	**Apparent S.G.:**	2.659
Bulk (SSD):	2.641	**Absorption:**	0.42

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 95.00

Organic Impurities in Sands for Concrete — AASHTO T-21

Between Organic Plate # 1 and # 2

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ **%**

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	MATERIALS SAND and STONE	Lab No:	20180171
Source:	PINE HILL ROAD	Location:	N. SMITHFIELD

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	98.5	72.0	49.3	36.0	23.3	10.2	4.4	3.11

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 102.57 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.609 **Apparent S.G.:** 2.649

Bulk (SSD): 2.624 **Absorption:** 0.58

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 94.00

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	PYNE SAND AND GRAVEL	Lab No:	20180178
Source:	PYNE SAND and GRAVEL	Location:	DOUGLAS, MA

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	99.1	85.7	70.1	52.5	31.4	8.8	1.5	2.52

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 106.05 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.643 **Apparent S.G.:** 2.667

Bulk (SSD): 2.652 **Absorption:** 0.34

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 95.00

Organic Impurities in Sands for Concrete — AASHTO T-21

Between Organic Plate # 1 and # 2

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ **%**

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	CHERENZIA	Lab No:	20180184
Source:	WHITE ROCK ROAD	Location:	WESTERLY, RI

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	100.0	87.8	66.4	46.8	26.2	8.3	1.4	2.65

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 100.56 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.631 **Apparent S.G.:** 2.657

Bulk (SSD): 2.641 **Absorption:** 0.38

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 88.50

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	PJ KEATINGS (STONE SAND)	Lab No:	20180191
Source:	CRANSTON, RI	Location:	PHENIX AVE.

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	95.0	61.0	38.0	24.2	15.2	8.0	4.4	3.59

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 108.14 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.757 **Apparent S.G.:** 2.778

Bulk (SSD): 2.765 **Absorption:** 0.28

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 85.50

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	CARDI CORP	Lab No:	20180192
Source:	Hopkins Hill Road	Location:	Coventry, RI

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	98.8	78.4	59.0	45.3	26.3	10.9	1.6	2.81

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 102.19 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.601 **Apparent S.G.:** 2.633

Bulk (SSD): 2.613 **Absorption:** 0.46

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 95.00

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	HARRY COLE CONSTRUCTION	Lab No:	20180193
Source:	Dry Bridge Road	Location:	Exeter, RI

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	99.1	87.3	66.4	41.4	17.9	5.0	2.2	2.83

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 106.92 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.592 **Apparent S.G.:** 2.636

Bulk (SSD): 2.609 **Absorption:** 0.64

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 92.50

Organic Impurities in Sands for Concrete — AASHTO T-21

Between Organic Plate # 1 and # 2

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	WINDHAM MATERIALS	Lab No:	20180195
Source:	WILLIMANTIC CT.	Location:	WILLIMANTIC CT.

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	98.8	88.3	76.4	55.9	26.0	6.3	1.5	2.48

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 104.04 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.673 **Apparent S.G.:** 2.711

Bulk (SSD): 2.687 **Absorption:** 0.52

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 93.50

Organic Impurities in Sands for Concrete — AASHTO T-21

Between Organic Plate # 1 and # 2

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	CAPE COD AGGREGATES	Lab No:	20180196
Source:	BOURNE, MA	Location:	BOURNE, MA

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	98.2	87.3	72.0	43.1	15.9	3.0	0.9	2.80

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 108.32 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.625 **Apparent S.G.:** 2.648

Bulk (SSD): 2.634 **Absorption:** 0.34

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 98.00

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor: BYRNE S & G Lab No: 20180197

Source: Location: Middleboro, MA

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	99.5	91.7	80.2	55.8	22.9	4.5	1.3	2.45

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 104.68 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.612 **Apparent S.G.:** 2.655

Bulk (SSD): 2.628 **Absorption:** 0.62

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 95.50

Organic Impurities in Sands for Concrete — AASHTO T-21

Between Organic Plate # 1 and # 2

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	CUMBERLAND QUARRY	Lab No:	20180198
Source:	MANVILLE HILL ROAD	Location:	CUMBERLAND, RI

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	99.4	66.6	38.7	23.3	15.2	8.3	3.7	3.49

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 108.63 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.692 **Apparent S.G.:** 2.769

Bulk (SSD): 2.720 **Absorption:** 1.03

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 88.00

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor:	CARDI CORP (ASPHALT SAND)	Lab No:	20180202
Source:	HOPKIN HILL ROAD	Location:	COVENTRY, RI

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	94.6	57.6	33.8	22.1	15.8	8.0	2.6	3.68

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 104.37 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.618 **Apparent S.G.:** 2.636

Bulk (SSD): 2.625 **Absorption:** 0.26

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 94.00

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor: BERKSHIRE SAND Lab No: 20180221

Source: Location:

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	99.6	81.9	54.9	34.5	19.7	5.0	1.5	3.04

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 106.29 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.695 **Apparent S.G.:** 2.718

Bulk (SSD): 2.703 **Absorption:** 0.32

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 95.00

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2018

Vendor: MAKEPIECE Lab No: 20180222

Source: Location:

Sieve Analysis of Fine Aggregate — AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	96.5	87.5	80.0	60.1	28.8	4.0	0.8	2.44

Unit Weight and Void in Aggregate — AASHTO T-19

Unit Weight: 97.96 **(lbs./cu. ft.)**

Specific Gravity and Absorption of Fine Aggregate — AASHTO T-84

Bulk S.G.: 2.616 **Apparent S.G.:** 2.644

Bulk (SSD): 2.627 **Absorption:** 0.40

Plastic Fines by Sand Equivalence — AASHTO T-176

Plastic Fines: 87.50

Organic Impurities in Sands for Concrete — AASHTO T-21

Less than Organic Plate # 1

Amount of Material Finer than # 200 Sieve in Aggregate — AASHTO T-37

_____ %