RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2020

Vendor:	FOSTER (CSI)	Lab No:	20200101
Source:	HOPKINGTON QUARRY	Location:	HOPKINTON, NH

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.: 2.725 **Apparent S.G.:** 2.783

Bulk (SSD): 2.746 **Absorption:** 0.77

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
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FINE AGGREGATE ANALYSIS REPORT - 2020

Vendor:	J.H. LYNCH	Lab No:	20200103
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 :									

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.: 2.712 **Apparent S.G.:** 2.777

Bulk (SSD): 2.735 **Absorption:** 0.87

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 - 2020

Vendor:	PJ KEATING - CRANSTON	Lab No:	20200110
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	85.0	52.1	30.7	16.0	7.3	2.5	0.9	4.07

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.: 2.577 **Apparent S.G.:** 2.634

Bulk (SSD): 2.599 **Absorption:** 0.85

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 - 2020

Vendor:	MATERIALS SAND and STONE	Lab No:	20200114
Source:	MOUNTAINDALE QUARRY	Location:	SMITHFIELD, RI

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

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	96.8	71.5	47.4	32.2	19.2	8.4	4.1	3.24

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.: 2.593 **Apparent S.G.:** 2.649

Bulk (SSD): 2.614 **Absorption:** 0.81

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

Plastic Fines: _____

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 - 2020

Vendor:	PJ KEATING - ACUSHNET	Lab No:	20200136
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	98.7	70.3	40.1	23.6	13.7	7.2	4.0	3.46

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.: 2.747 **Apparent S.G.:** 2.829

Bulk (SSD): 2.776 **Absorption:** 1.06

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 - 2020

Vendor:	SOUTH COUNTY S & G	Lab No:	20200147
Source:	KLONDIKE QUARRY	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	100.0	88.5	70.3	46.4	21.6	7.6	1.8	2.66

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.: 2.594 **Apparent S.G.:** 2.631

Bulk (SSD): 2.608 **Absorption:** 0.54

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
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FINE AGGREGATE ANALYSIS REPORT - 2020

Vendor:	G. LOPES	Lab No:	20200169
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	99.3	80.2	62.4	44.5	22.6	6.3	1.6	2.85

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.: 2.622 **Apparent S.G.:** 2.659

Bulk (SSD): 2.636 **Absorption:** 0.54

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 - 2020

Vendor:	CARDI	Lab No:	20200183
Source:	West Greenwich, RI	Location:	West Greenwich, RI

Sieve Analysis of Fine Aggregate

AASHTO T-27

	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:
Percent Passing :	100.0	99.3	85.5	64.0	43.3	21.5	5.9	1.5	2.81

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.: 2.582 **Apparent S.G.:** 2.609

Bulk (SSD): 2.592 **Absorption:** 0.40

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 - 2020

Vendor:	CHERENZIA	Lab No:	20200184
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	99.8	78.1	57.1	39.4	22.3	9.6	3.6	2.94

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:** 0.73

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**

_____ **%**