

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS RESULTS - 2012**

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**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
J.H. LYNCH

VENDOR NUMBER :
103

SOURCE:
FIRST STREET QUARRY

LOCATION:
CUMBERLAND, RI

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

Percent Passing

-	3/8"	100.0	F.M.:	3.54
	# 4	97.4		
	# 8	69.4		
	# 16	37.9		
	# 30	21.3		
	# 50	12.2		
	# 100	7.2		
	# 200	4.1		

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

112.0 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.761	2.829
Bulk (SSD) :	Absorption:
2.785	0.87

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

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-11**

5.4 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
DRY BRIDGE SAND and STONE

VENDOR NUMBER :
113

SOURCE:
SLOCUM PIT

LOCATION:
N. KINGSTOWN, RI

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

Percent Passing

-	3/8"	100.0	F.M.:	2.93
	# 4	99.8		
	# 8	86.9		
	# 16	59.1		
	# 30	35.8		
	# 50	18.1		
	# 100	6.8		
	# 200	1.9		

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

111.2 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent
2.611	S.G.: 2.660
Bulk (SSD) :	Absorption:
2.630	0.70

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

96.00

**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-11**

1.8 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
RAWSON SAND and GRAVEL

VENDOR NUMBER :
120

SOURCE:
SOCHOR PIT

LOCATION:
PUTNAM, CT

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

Percent Passing

-	3/8"	100.0	F.M.:	2.71
	# 4	100.0		
	# 8	91.5		
	# 16	68.1		
	# 30	43.4		
	# 50	20.8		
	# 100	5.6		
	# 200	1.0		

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

108.1 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.618	2.699
Bulk (SSD) :	Absorption:
2.648	1.15

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

94.00

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

Between Organic Plate # 2 and # 3

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

0.8 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
RICHMOND SAND and GRAVEL

VENDOR NUMBER :
125

SOURCE:
STILSON ROAD PIT

LOCATION:
RICHMOND, RI

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

Percent Passing

-	3/8"	100.0	F.M.:	2.76
	# 4	99.1		
	# 8	84.1		
	# 16	66.2		
	# 30	44.3		
	# 50	22.1		
	# 100	8.3		
	# 200	2.0		

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

107.5 (lbs./cu. ft.)

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

Bulk S.G. : **Apparent
S.G.:** 2.627

2.601

Bulk (SSD) : **Absorption:**

2.611 0.38

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

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

**Amount of Material Finer than # 200
Sieve in Aggregate AASHTO T-11** 1.8 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
PJ KEATING - ACUSHNET

VENDOR NUMBER :
135

SOURCE:
ACUSHNET QUARRY

LOCATION:
ACUSHNET, MA

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

Percent Passing

-	3/8"	100.0	F.M.:	3.39
	# 4	98.9		
	# 8	72.5		
	# 16	42.4		
	# 30	25.4		
	# 50	14.6		
	# 100	6.7		
	# 200	3.1		

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

109.3 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.641	2.733
Bulk (SSD) :	Absorption:
2.675	1.28

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

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-11**

4.1 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
SOUTH COUNTY S & G

VENDOR NUMBER :
148

SOURCE:
CHARLESTOWN PIT

LOCATION:
CHARLESTOWN, RI

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

Percent Passing

-	3/8"	100.0	F.M.:	2.97
	# 4	99.8		
	# 8	80.3		
	# 16	57.6		
	# 30	37.6		
	# 50	20.0		
	# 100	7.8		
	# 200	1.8		

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

110.1 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent
2.600	S.G.: 2.635
Bulk (SSD) :	Absorption:
2.613	0.50

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

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-11 1.8 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
G. LOPES

VENDOR NUMBER :
169

SOURCE:
MIDDLEBORO PIT

LOCATION:
MIDDLEBORO, MA

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

Percent Passing

-	3/8"	100.0	F.M.:	2.74
	# 4	98.6		
	# 8	86.8		
	# 16	70.1		
	# 30	47.9		
	# 50	19.7		
	# 100	3.2		
	# 200	0.8		

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

109.2 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.612	2.651
Bulk (SSD) :	Absorption:
2.627	0.56

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

96.00

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

Between Organic Plate # 2 and # 3

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

1.0 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
PLOURDE SAND AND GRAVEL

VENDOR NUMBER :
170

SOURCE:
HOOKSET PIT (BLD. 3)

LOCATION:
HOOKSET, NH

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

Percent Passing

-	3/8"	100.0	F.M.:	2.73
	# 4	97.0		
	# 8	89.5		
	# 16	73.4		
	# 30	44.7		
	# 50	18.4		
	# 100	4.3		
	# 200	0.7		

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

107.1 (lbs./cu. ft.)

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

Bulk S.G. : **Apparent
S.G.:** 2.689

2.637

Bulk (SSD) : **Absorption:**

2.656

0.73

Plastic Fines by Sand

Equivalence AASHTO T-176 98.50

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

Between Organic Plate # 3 and # 4

Amount of Material Finer than # 200

Sieve in Aggregate AASHTO T-11 0.7 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
WILLIAM E. DAILEY, INC.

VENDOR NUMBER :
173

SOURCE:
SHAFTESBURY, VT

LOCATION:
SHAFTESBURY, VT

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

Percent Passing

-	3/8"	100.0	F.M.:	2.85
	# 4	100.0		
	# 8	93.5		
	# 16	64.1		
	# 30	36.8		
	# 50	16.4		
	# 100	4.6		
	# 200	1.4		

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

111.2 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.681	2.743
Bulk (SSD) :	Absorption:
2.704	0.85

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

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-11**

1.6 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
PYNE SAND AND GRAVEL

VENDOR NUMBER :
178

SOURCE:
PYNE SAND and GRAVEL

LOCATION:
DOUGLAS, MA

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

Percent Passing

-	3/8"	100.0	F.M.:	2.70
	# 4	97.6		
	# 8	81.4		
	# 16	66.5		
	# 30	50.7		
	# 50	27.4		
	# 100	5.9		
	# 200	1.4		

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

108.6 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.624	2.669
Bulk (SSD) :	Absorption:
2.641	0.64

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

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-11 1.4 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
AGG. IND. - WRENTHAM

VENDOR NUMBER :
179

SOURCE:
GREEN ST. QUARRY

LOCATION:
WRENTHAM, MA

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

Percent Passing

-	3/8"	100.0	F.M.:	3.03
	# 4	99.2		
	# 8	82.5		
	# 16	53.5		
	# 30	33.5		
	# 50	19.2		
	# 100	9.0		
	# 200	3.2		

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

109.4 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.618	2.667
Bulk (SSD) :	Absorption:
2.637	0.70

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

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-11**

4.4 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
YORK BUILDING PRODUCTS

VENDOR NUMBER :
181

SOURCE:
Belvedere, MD

LOCATION:
Belvedere, MD

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

Percent Passing

-	3/8"	100.0	F.M.:	2.98
	# 4	99.0		
	# 8	79.6		
	# 16	59.8		
	# 30	41.7		
	# 50	18.7		
	# 100	2.7		
	# 200	0.3		

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

106.5 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.607	2.645
Bulk (SSD) :	Absorption:
2.622	0.54

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

94.00

**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-11**

0.7 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
CHERENZIA

VENDOR NUMBER :
184

SOURCE:
WHITE ROCK ROAD

LOCATION:
WESTERLY, RI

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

Percent Passing

-	3/8"	100.0	F.M.:	2.75
	# 4	99.8		
	# 8	85.1		
	# 16	62.3		
	# 30	44.1		
	# 50	25.2		
	# 100	8.4		
	# 200	1.9		

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

105.0 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.619	2.666
Bulk (SSD) :	Absorption:
2.637	0.66

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

92.00

**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-11**

1.9 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
CARDI CORP

VENDOR NUMBER :
192

SOURCE:
Hopkins Hill Road

LOCATION:
Coventry, RI

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

Percent Passing

-	3/8"	100.0	F.M.:	2.98
	# 4	99.5		
	# 8	84.4		
	# 16	59.7		
	# 30	36.8		
	# 50	17.3		
	# 100	4.8		
	# 200	1.0		

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

104.9 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.599	2.633
Bulk (SSD) :	Absorption:
2.612	0.50

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

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-11**

1.2 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
CAPE COD AGGREGATES

VENDOR NUMBER :
196

SOURCE:
BOURNE, MA

LOCATION:
BOURNE, MA

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

Percent Passing

-	3/8"	100.0	F.M.:	2.90
	# 4	98.3		
	# 8	86.9		
	# 16	69.9		
	# 30	40.0		
	# 50	13.0		
	# 100	1.9		
	# 200	0.3		

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

109.1 (lbs./cu. ft.)

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

Bulk S.G. : **Apparent**
2.614 **S.G.:** 2.646

Bulk (SSD) : **Absorption:**
2.626 0.46

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

96.00

**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-11**

0.5 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
BYRNE S & G

VENDOR NUMBER :
197

SOURCE:

LOCATION:
Middleboro, MA

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

Percent Passing

-	3/8"	100.0	F.M.:	2.57
	# 4	99.0		
	# 8	89.3		
	# 16	76.7		
	# 30	53.5		
	# 50	20.7		
	# 100	3.7		
	# 200	0.8		

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

108.7 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.604	2.670
Bulk (SSD) :	Absorption:
2.628	0.95

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

97.00

**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-11 0.9 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
CUMBERLAND QUARRY

VENDOR NUMBER :
198

SOURCE:
MANVILLE HILL ROAD

LOCATION:
CUMBERLAND, RI

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

Percent Passing

-	3/8"	100.0	F.M.:	3.35
	# 4	99.7		
	# 8	75.9		
	# 16	43.3		
	# 30	25.5		
	# 50	14.5		
	# 100	6.3		
	# 200	3.1		

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

109.1 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.681	2.759
Bulk (SSD) :	Absorption:
2.710	1.05

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

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-11**

3.7 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
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VENDOR:
OSSIPEE AGGREGATE CORP

VENDOR NUMBER :
199

SOURCE:
OSSIPEE, NH

LOCATION:
OSSIPEE, NH

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

Percent Passing

-	3/8"	100.0	F.M.:	2.61
	# 4	99.0		
	# 8	93.3		
	# 16	76.8		
	# 30	46.8		
	# 50	18.6		
	# 100	4.9		
	# 200	1.1		

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

107.0 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.586	2.634
Bulk (SSD) :	Absorption:
2.604	0.70

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

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-11 1.4 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS RESULTS - 2012**

VENDOR:
CARDI CORP (ASPHALT SAND)

VENDOR NUMBER :
202

SOURCE:
HOPKIN HILL ROAD

LOCATION:
COVENTRY, RI

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

Percent Passing

-	3/8"	100.0	F.M.:	3.28
	# 4	97.8		
	# 8	66.7		
	# 16	43.8		
	# 30	30.9		
	# 50	21.5		
	# 100	10.9		
	# 200	3.2		

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

111.3 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.612	2.640
Bulk (SSD) :	Absorption:
2.623	0.40

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

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-11 **2.8 %**

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS RESULTS - 2012**

VENDOR:
CLAYTON SAND

VENDOR NUMBER :
207

SOURCE:
WOODMANSIE NJ

LOCATION:

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

Percent Passing

-	3/8"	100.0	F.M.:	2.59
	# 4	99.3		
	# 8	94.7		
	# 16	80.1		
	# 30	50.5		
	# 50	14.6		
	# 100	1.9		
	# 200	0.2		

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

105.0 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.627	2.642
Bulk (SSD) :	Absorption:
2.633	0.22

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

96.00

**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-11**

0.3 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS RESULTS - 2012**

VENDOR:
AIRPORT S & G

VENDOR NUMBER :
208

SOURCE:
COVENTRY, RI

LOCATION:
COVENTRY, RI

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

Percent Passing

-	3/8"	100.0	F.M.:	3.25
	# 4	97.0		
	# 8	70.0		
	# 16	47.8		
	# 30	33.5		
	# 50	20.5		
	# 100	6.0		
	# 200	1.3		

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

111.1 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.586	2.640
Bulk (SSD) :	Absorption:
2.606	0.79

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

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-11**

1.2 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS RESULTS - 2012**

VENDOR:
MORRONE TRUCKING

VENDOR NUMBER :
209

SOURCE:
CAROLINA PIT

LOCATION:
CHARLESTOWN, RI

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

Percent Passing

-

3/8"	100.0	F.M.:	2.68
# 4	97.0		
# 8	88.9		
# 16	75.6		
# 30	50.5		
# 50	18.1		
# 100	1.9		
# 200	0.4		

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

105.5 (lbs./cu. ft.)

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

Bulk S.G. :	2.595	Apparent S.G.:	2.635
Bulk (SSD) :	2.611	Absorption:	0.58

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

98.00

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

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

0.3 %

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS RESULTS - 2012**

VENDOR:
CARDI

VENDOR NUMBER :
960

SOURCE:
HOPKINS HILL

LOCATION:
COVENTRY, RI

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

Percent Passing

-	3/8"	100.0	F.M.:	2.69
	# 4	98.8		
	# 8	82.7		
	# 16	65.0		
	# 30	48.2		
	# 50	28.0		
	# 100	8.5		
	# 200	1.5		

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

106.7 (lbs./cu. ft.)

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

Bulk S.G. :	Apparent S.G.:
2.600	2.631
Bulk (SSD) :	Absorption:
2.612	0.44

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

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

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