

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
FINE AGGREGATE ANALYSIS REPORT - 2022**

Vendor:	<u>FOSTER (CSI)</u>	Lab No:	<u>20220101</u>
Source:	<u>HOPKINGTON QUARRY</u>	Location:	<u>HOPKINTON, NH</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
Percent Passing :	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td style="height: 20px;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:									
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
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.: <u>2.673</u> Apparent S.G.: <u>2.707</u>																			
Bulk (SSD): <u>2.686</u> Absorption: <u>0.46</u>																			
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 - 2022**

Vendor:	<u>J.H. LYNCH</u>	Lab No:	<u>20220103</u>
Source:	<u>FIRST STREET QUARRY</u>	Location:	<u>CUMBERLAND, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
Percent Passing :	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>100.0</td> <td>99.6</td> <td>77.3</td> <td>47.8</td> <td>31.3</td> <td>21.6</td> <td>14.9</td> <td>9.5</td> <td>3.08</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	99.6	77.3	47.8	31.3	21.6	14.9	9.5	3.08
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	99.6	77.3	47.8	31.3	21.6	14.9	9.5	3.08											
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.: <u>2.710</u>	Apparent S.G.: <u>2.740</u>																		
Bulk (SSD): <u>2.721</u>	Absorption: <u>0.40</u>																		
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 - 2022**

Vendor:	<u>RAWSON SAND and GRAVEL</u>	Lab No:	<u>20220120</u>
Source:	<u>SOCHOR PIT</u>	Location:	<u>PUTNAM, CT</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
Percent Passing :	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>100.0</td> <td>99.7</td> <td>84.5</td> <td>65.3</td> <td>44.6</td> <td>22.5</td> <td>8.7</td> <td>3.1</td> <td>2.75</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	99.7	84.5	65.3	44.6	22.5	8.7	3.1	2.75
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	99.7	84.5	65.3	44.6	22.5	8.7	3.1	2.75											
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.: <u>2.633</u>	Apparent S.G.: <u>2.698</u>																		
Bulk (SSD): <u>2.657</u>	Absorption: <u>0.91</u>																		
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 - 2022**

Vendor:	<u>CAPE COD AGGREGATES</u>	Lab No:	<u>20220127</u>
Source:	<u>HYANNIS</u>	Location:	<u>HYANNIS, MA</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
Percent Passing :	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td style="height: 20px;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:									
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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																		
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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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Vendor: _____	Lab No: <u>20220143</u>
Source: _____	Location: _____

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
Percent Passing :	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">3/8"</th> <th style="padding: 2px;"># 4</th> <th style="padding: 2px;"># 8</th> <th style="padding: 2px;"># 16</th> <th style="padding: 2px;"># 30</th> <th style="padding: 2px;"># 50</th> <th style="padding: 2px;"># 100</th> <th style="padding: 2px;"># 200</th> <th style="padding: 2px;">F.M.:</th> </tr> </thead> <tbody> <tr> <td style="height: 20px;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:									
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
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
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FINE AGGREGATE ANALYSIS REPORT - 2022**

Vendor:	<u>SOUTH COUNTY S & G</u>	Lab No:	<u>20220147</u>
Source:	<u>KLONDIKE QUARRY</u>	Location:	<u>CHARLESTOWN, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">100.0</td> <td style="text-align: center;">99.8</td> <td style="text-align: center;">83.8</td> <td style="text-align: center;">61.1</td> <td style="text-align: center;">37.8</td> <td style="text-align: center;">19.3</td> <td style="text-align: center;">7.0</td> <td style="text-align: center;">1.7</td> <td style="text-align: center;">2.91</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	99.8	83.8	61.1	37.8	19.3	7.0	1.7	2.91	
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	99.8	83.8	61.1	37.8	19.3	7.0	1.7	2.91											
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.: <u>2.584</u> Apparent S.G.: <u>2.624</u>																			
Bulk (SSD): <u>2.599</u> Absorption: <u>0.58</u>																			
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 - 2022**

Vendor:	<u>G. LOPES CONC. SAND</u>	Lab No:	<u>20220169</u>
Source:	<u>MIDDLEBORO PIT</u>	Location:	<u>MIDDLEBORO, MA</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">99.6</td> <td style="text-align: center;">82.8</td> <td style="text-align: center;">63.3</td> <td style="text-align: center;">46.7</td> <td style="text-align: center;">27.6</td> <td style="text-align: center;">9.2</td> <td style="text-align: center;">2.8</td> <td style="text-align: center;">2.71</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	99.6	82.8	63.3	46.7	27.6	9.2	2.8	2.71	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	99.6	82.8	63.3	46.7	27.6	9.2	2.8	2.71												
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.: <u>2.661</u> Apparent S.G.: <u>2.710</u>																					
Bulk (SSD): <u>2.679</u> Absorption: <u>0.68</u>																					
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																				
_____ %																					

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FINE AGGREGATE ANALYSIS REPORT - 2022**

Vendor:	<u>MATERIALS SAND and STONE</u>	Lab No:	<u>20220171</u>
Source:	<u>PINE HILL ROAD</u>	Location:	<u>N. SMITHFIELD</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
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3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	98.6	74.0	47.9	32.3	20.1	8.8	2.8	3.18											
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.: <u>2.588</u> Apparent S.G.: <u>2.629</u>																			
Bulk (SSD): <u>2.603</u> Absorption: <u>0.60</u>																			
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																		
_____ %																			

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FINE AGGREGATE ANALYSIS REPORT - 2022**

Vendor: <u>CARDI (ASPHALT SAND)</u>	Lab No: <u>20220183</u>
Source: <u>West Greenwich, RI</u>	Location: <u>West Greenwich, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">96.5</td> <td style="text-align: center;">59.8</td> <td style="text-align: center;">36.0</td> <td style="text-align: center;">25.1</td> <td style="text-align: center;">18.8</td> <td style="text-align: center;">10.0</td> <td style="text-align: center;">3.2</td> <td style="text-align: center;">3.54</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	96.5	59.8	36.0	25.1	18.8	10.0	3.2	3.54	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	96.5	59.8	36.0	25.1	18.8	10.0	3.2	3.54												
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.: <u>2.627</u> Apparent S.G.: <u>2.659</u>																					
Bulk (SSD): <u>2.639</u> Absorption: <u>0.46</u>																					
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 - 2022**

Vendor:	<u>PJ KEATINGS (STONE SAND)</u>	Lab No:	<u>20220191</u>
Source:	<u>CRANSTON, RI</u>	Location:	<u>PHENIX AVE.</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
Percent Passing :	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>100.0</td> <td>93.7</td> <td>69.1</td> <td>46.9</td> <td>32.0</td> <td>21.0</td> <td>11.3</td> <td>5.9</td> <td>3.27</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	93.7	69.1	46.9	32.0	21.0	11.3	5.9	3.27
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	93.7	69.1	46.9	32.0	21.0	11.3	5.9	3.27											
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.: <u>2.754</u>	Apparent S.G.: <u>2.809</u>																		
Bulk (SSD): <u>2.774</u>	Absorption: <u>0.70</u>																		
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 - 2022**

Vendor: <u>CARDI CORP</u>	Lab No: <u>20220192</u>
Source: <u>West Greenwich, RI</u>	Location: <u>West Greenwich, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td style="text-align: right;">Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">99.0</td> <td style="text-align: center;">82.0</td> <td style="text-align: center;">60.8</td> <td style="text-align: center;">42.2</td> <td style="text-align: center;">23.2</td> <td style="text-align: center;">6.1</td> <td style="text-align: center;">1.0</td> <td style="text-align: center;">2.87</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	99.0	82.0	60.8	42.2	23.2	6.1	1.0	2.87	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	99.0	82.0	60.8	42.2	23.2	6.1	1.0	2.87												
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.: <u>2.604</u> Apparent S.G.: <u>2.628</u>																					
Bulk (SSD): <u>2.613</u> Absorption: <u>0.36</u>																					
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 - 2022**

Vendor:	<u>WINDHAM MATERIALS</u>	Lab No:	<u>20220195</u>
Source:	<u>WILLIMANTIC CT.</u>	Location:	<u>WILLIMANTIC CT.</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">97.1</td> <td style="text-align: center;">81.7</td> <td style="text-align: center;">66.0</td> <td style="text-align: center;">45.8</td> <td style="text-align: center;">24.7</td> <td style="text-align: center;">7.8</td> <td style="text-align: center;">1.6</td> <td style="text-align: center;">2.77</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	97.1	81.7	66.0	45.8	24.7	7.8	1.6	2.77	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	97.1	81.7	66.0	45.8	24.7	7.8	1.6	2.77												
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.: <u>2.650</u> Apparent S.G.: <u>2.693</u>																					
Bulk (SSD): <u>2.666</u> Absorption: <u>0.60</u>																					
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 - 2022**

Vendor:	<u>CUMBERLAND QUARRY</u>	Lab No:	<u>20220198</u>
Source:	<u>MANVILLE HILL ROAD</u>	Location:	<u>CUMBERLAND, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td style="text-align: right;">Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">99.9</td> <td style="text-align: center;">69.1</td> <td style="text-align: center;">39.2</td> <td style="text-align: center;">23.7</td> <td style="text-align: center;">15.7</td> <td style="text-align: center;">10.2</td> <td style="text-align: center;">5.7</td> <td style="text-align: center;">3.42</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	99.9	69.1	39.2	23.7	15.7	10.2	5.7	3.42	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	99.9	69.1	39.2	23.7	15.7	10.2	5.7	3.42												
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.: <u>2.729</u> Apparent S.G.: <u>2.781</u>																					
Bulk (SSD): <u>2.748</u> Absorption: <u>0.68</u>																					
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 - 2022**

Vendor:	<u>OSSIPEE AGGREGATE CORP</u>	Lab No:	<u>20220199</u>
Source:	<u>OSSIPEE, NH</u>	Location:	<u>OSSIPEE, NH</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">97.9</td> <td style="text-align: center;">90.4</td> <td style="text-align: center;">75.1</td> <td style="text-align: center;">47.3</td> <td style="text-align: center;">19.0</td> <td style="text-align: center;">4.8</td> <td style="text-align: center;">1.4</td> <td style="text-align: center;">2.65</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	97.9	90.4	75.1	47.3	19.0	4.8	1.4	2.65	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	97.9	90.4	75.1	47.3	19.0	4.8	1.4	2.65												
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.: <u>2.583</u> Apparent S.G.: <u>2.626</u>																					
Bulk (SSD): <u>2.599</u> Absorption: <u>0.64</u>																					
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 - 2022**

Vendor:	<u>P.A. LANDERS</u>	Lab No:	<u>20220212</u>
Source:	<u>FORESTDALE</u>	Location:	<u>FORESTDALE, MA.</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">97.7</td> <td style="text-align: center;">85.6</td> <td style="text-align: center;">72.9</td> <td style="text-align: center;">51.6</td> <td style="text-align: center;">26.3</td> <td style="text-align: center;">8.0</td> <td style="text-align: center;">2.1</td> <td style="text-align: center;">2.58</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	97.7	85.6	72.9	51.6	26.3	8.0	2.1	2.58	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	97.7	85.6	72.9	51.6	26.3	8.0	2.1	2.58												
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.: <u>2.626</u> Apparent S.G.: <u>2.661</u>																					
Bulk (SSD): <u>2.639</u> Absorption: <u>0.50</u>																					
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 - 2022**

Vendor: <u>FORT MILLER</u>	Lab No: <u>20220223</u>
Source: _____	Location: <u>SCHUYLERVILLE NY</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																		
Percent Passing :	<table border="1" style="width: 100%; text-align: center;"><tr><th>3/8"</th><th># 4</th><th># 8</th><th># 16</th><th># 30</th><th># 50</th><th># 100</th><th># 200</th><th>F.M.:</th></tr><tr><td>100.0</td><td>95.3</td><td>81.1</td><td>65.2</td><td>48.2</td><td>27.0</td><td>7.0</td><td>2.0</td><td>2.76</td></tr></table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	95.3	81.1	65.2	48.2	27.0	7.0	2.0	2.76
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	95.3	81.1	65.2	48.2	27.0	7.0	2.0	2.76											

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.: <u>2.631</u>	Apparent S.G.: <u>2.679</u>
Bulk (SSD): <u>2.649</u>	Absorption: <u>0.68</u>

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 - 2022**

Vendor:	<u>MIOZZI</u>	Lab No:	<u>20220224</u>
Source:	<u>CAROLINA RD.</u>	Location:	<u>CHARLESTOWN, RI</u>

Sieve Analysis of Fine Aggregate	AASHTO T-27																				
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">3/8"</th> <th style="width: 10%;"># 4</th> <th style="width: 10%;"># 8</th> <th style="width: 10%;"># 16</th> <th style="width: 10%;"># 30</th> <th style="width: 10%;"># 50</th> <th style="width: 10%;"># 100</th> <th style="width: 10%;"># 200</th> <th style="width: 10%;">F.M.:</th> </tr> </thead> <tbody> <tr> <td>Percent Passing :</td> <td style="text-align: center;">100.0</td> <td style="text-align: center;">91.1</td> <td style="text-align: center;">67.1</td> <td style="text-align: center;">47.3</td> <td style="text-align: center;">29.4</td> <td style="text-align: center;">15.2</td> <td style="text-align: center;">6.0</td> <td style="text-align: center;">2.2</td> <td style="text-align: center;">3.44</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	91.1	67.1	47.3	29.4	15.2	6.0	2.2	3.44	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	91.1	67.1	47.3	29.4	15.2	6.0	2.2	3.44												
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.: <u>2.576</u> Apparent S.G.: <u>2.620</u>																					
Bulk (SSD): <u>2.593</u> Absorption: <u>0.66</u>																					
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																				
_____ %																					