

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION  
MATERIALS AND QUALITY ASSURANCE  
FINE AGGREGATE ANALYSIS REPORT - 2024**

Vendor:	<u>J.H. LYNCH</u>	Lab No:	<u>20240103</u>
Source:	<u>FIRST STREET QUARRY</u>	Location:	<u>CUMBERLAND, RI</u>

<b>Sieve Analysis of Fine Aggregate</b>	<b>AASHTO T-27</b>																				
<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;">73.1</td> <td style="text-align: center;">41.1</td> <td style="text-align: center;">23.6</td> <td style="text-align: center;">14.2</td> <td style="text-align: center;">8.7</td> <td style="text-align: center;">6.2</td> <td style="text-align: center;">3.41</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	97.9	73.1	41.1	23.6	14.2	8.7	6.2	3.41	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	97.9	73.1	41.1	23.6	14.2	8.7	6.2	3.41												
<b>Unit Weight and Void in Aggregate</b>	<b>AASHTO T-19</b>																				
Unit Weight: _____ (lbs./cu. ft.)																					
<b>Specific Gravity and Absorption of Fine Aggregate</b>	<b>AASHTO T-84</b>																				
Bulk S.G.: <u>2.772</u> Apparent S.G.: <u>2.840</u>																					
Bulk (SSD): <u>2.796</u> Absorption: <u>0.87</u>																					
<b>Plastic Fines by Sand Equivalence</b>	<b>AASHTO T-176</b>																				
Plastic Fines: _____																					
<b>Organic Impurities in Sands for Concrete</b>	<b>AASHTO T-21</b>																				
_____																					
_____																					
<b>Amount of Material Finer than # 200 Sieve in Aggregate</b>	<b>AASHTO T-37</b>																				
_____ %																					

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Vendor: <u>CARDI CORP</u>	Lab No: <u>20240107</u>
Source: <u>ASPHALT SAND SOURCE</u>	Location: <u>NEW LONDON QUARRY</u>

<b>Sieve Analysis of Fine Aggregate</b>	<b>AASHTO T-27</b>																				
<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;">97.3</td> <td style="text-align: center;">64.6</td> <td style="text-align: center;">38.7</td> <td style="text-align: center;">25.3</td> <td style="text-align: center;">18.0</td> <td style="text-align: center;">8.6</td> <td style="text-align: center;">2.5</td> <td style="text-align: center;">3.48</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	97.3	64.6	38.7	25.3	18.0	8.6	2.5	3.48	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	97.3	64.6	38.7	25.3	18.0	8.6	2.5	3.48												
<b>Unit Weight and Void in Aggregate</b>	<b>AASHTO T-19</b>																				
Unit Weight: _____ (lbs./cu. ft.)																					
<b>Specific Gravity and Absorption of Fine Aggregate</b>	<b>AASHTO T-84</b>																				
Bulk S.G.: <u>2.599</u> Apparent S.G.: <u>2.632</u>																					
Bulk (SSD): <u>2.611</u> Absorption: <u>0.48</u>																					
<b>Plastic Fines by Sand Equivalence</b>	<b>AASHTO T-176</b>																				
Plastic Fines: _____																					
<b>Organic Impurities in Sands for Concrete</b>	<b>AASHTO T-21</b>																				
_____																					
_____																					
<b>Amount of Material Finer than # 200 Sieve in Aggregate</b>	<b>AASHTO T-37</b>																				
_____ %																					

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FINE AGGREGATE ANALYSIS REPORT - 2024**

Vendor:	<u>RAWSON SAND and GRAVEL</u>	Lab No:	<u>20240120</u>
Source:	<u>SOCHOR PIT</u>	Location:	<u>PUTNAM, CT</u>

<b>Sieve Analysis of Fine Aggregate</b>	<b>AASHTO T-27</b>																				
<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;">100.0</td> <td style="text-align: center;">87.0</td> <td style="text-align: center;">70.3</td> <td style="text-align: center;">48.7</td> <td style="text-align: center;">22.8</td> <td style="text-align: center;">6.4</td> <td style="text-align: center;">1.7</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	100.0	87.0	70.3	48.7	22.8	6.4	1.7	2.65	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	100.0	87.0	70.3	48.7	22.8	6.4	1.7	2.65												
<b>Unit Weight and Void in Aggregate</b>	<b>AASHTO T-19</b>																				
Unit Weight: _____ (lbs./cu. ft.)																					
<b>Specific Gravity and Absorption of Fine Aggregate</b>	<b>AASHTO T-84</b>																				
Bulk S.G.: <u>2.621</u> Apparent S.G.: <u>2.672</u>																					
Bulk (SSD): <u>2.640</u> Absorption: <u>0.73</u>																					
<b>Plastic Fines by Sand Equivalence</b>	<b>AASHTO T-176</b>																				
Plastic Fines: _____																					
<b>Organic Impurities in Sands for Concrete</b>	<b>AASHTO T-21</b>																				
_____																					
_____																					
<b>Amount of Material Finer than # 200 Sieve in Aggregate</b>	<b>AASHTO T-37</b>																				
_____ %																					

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Vendor:	<u>RICHMOND SAND and GRAVEL</u>	Lab No:	<u>20240125</u>
Source:	<u>STILSON ROAD PIT</u>	Location:	<u>RICHMOND, RI</u>

<b>Sieve Analysis of Fine Aggregate</b>	<b>AASHTO T-27</b>																		
<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;">98.4</td> <td style="text-align: center;">77.2</td> <td style="text-align: center;">55.8</td> <td style="text-align: center;">35.6</td> <td style="text-align: center;">19.2</td> <td style="text-align: center;">6.8</td> <td style="text-align: center;">1.9</td> <td style="text-align: center;">3.07</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	98.4	77.2	55.8	35.6	19.2	6.8	1.9	3.07	
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	98.4	77.2	55.8	35.6	19.2	6.8	1.9	3.07											
Percent Passing :																			
<b>Unit Weight and Void in Aggregate</b>	<b>AASHTO T-19</b>																		
Unit Weight: _____ (lbs./cu. ft.)																			
<b>Specific Gravity and Absorption of Fine Aggregate</b>	<b>AASHTO T-84</b>																		
Bulk S.G.: <u>2.598</u> Apparent S.G.: <u>2.624</u>																			
Bulk (SSD): <u>2.608</u> Absorption: <u>0.38</u>																			
<b>Plastic Fines by Sand Equivalence</b>	<b>AASHTO T-176</b>																		
Plastic Fines: _____																			
<b>Organic Impurities in Sands for Concrete</b>	<b>AASHTO T-21</b>																		
_____																			
_____																			
<b>Amount of Material Finer than # 200 Sieve in Aggregate</b>	<b>AASHTO T-37</b>																		
_____ %																			

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Vendor:	<u>SOUTH COUNTY S &amp; G</u>	Lab No:	<u>20240147</u>
Source:	<u>KLONDIKE QUARRY</u>	Location:	<u>CHARLESTOWN, RI</u>

<b>Sieve Analysis of Fine Aggregate</b>	<b>AASHTO T-27</b>																		
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>100.0</td> <td>85.2</td> <td>65.1</td> <td>42.2</td> <td>22.4</td> <td>8.4</td> <td>2.4</td> <td>2.77</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	100.0	85.2	65.1	42.2	22.4	8.4	2.4	2.77
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	100.0	85.2	65.1	42.2	22.4	8.4	2.4	2.77											
<b>Unit Weight and Void in Aggregate</b>	<b>AASHTO T-19</b>																		
Unit Weight: _____ (lbs./cu. ft.)																			
<b>Specific Gravity and Absorption of Fine Aggregate</b>	<b>AASHTO T-84</b>																		
Bulk S.G.: <u>2.588</u>	Apparent S.G.: <u>2.640</u>																		
Bulk (SSD): <u>2.607</u>	Absorption: <u>0.77</u>																		
<b>Plastic Fines by Sand Equivalence</b>	<b>AASHTO T-176</b>																		
Plastic Fines: _____																			
<b>Organic Impurities in Sands for Concrete</b>	<b>AASHTO T-21</b>																		
_____																			
_____																			
<b>Amount of Material Finer than # 200 Sieve in Aggregate</b>	<b>AASHTO T-37</b>																		
_____ %																			

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Vendor:	<u>G. LOPES CONC. SAND</u>	Lab No:	<u>20240169</u>
Source:	<u>MIDDLEBORO PIT</u>	Location:	<u>MIDDLEBORO, MA</u>

<b>Sieve Analysis of Fine Aggregate</b>	<b>AASHTO T-27</b>																		
<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;">99.2</td> <td style="text-align: center;">86.5</td> <td style="text-align: center;">70.9</td> <td style="text-align: center;">49.7</td> <td style="text-align: center;">24.7</td> <td style="text-align: center;">6.8</td> <td style="text-align: center;">2.0</td> <td style="text-align: center;">2.62</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	99.2	86.5	70.9	49.7	24.7	6.8	2.0	2.62	
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	99.2	86.5	70.9	49.7	24.7	6.8	2.0	2.62											
<b>Percent Passing :</b>																			
<b>Unit Weight and Void in Aggregate</b>	<b>AASHTO T-19</b>																		
Unit Weight: _____ (lbs./cu. ft.)																			
<b>Specific Gravity and Absorption of Fine Aggregate</b>	<b>AASHTO T-84</b>																		
Bulk S.G.: <u>2.621</u> Apparent S.G.: <u>2.688</u>																			
Bulk (SSD): <u>2.646</u> Absorption: <u>0.95</u>																			
<b>Plastic Fines by Sand Equivalence</b>	<b>AASHTO T-176</b>																		
Plastic Fines: _____																			
<b>Organic Impurities in Sands for Concrete</b>	<b>AASHTO T-21</b>																		
_____																			
_____																			
<b>Amount of Material Finer than # 200 Sieve in Aggregate</b>	<b>AASHTO T-37</b>																		
_____ %																			

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Vendor:	<u>MATERIALS SAND and STONE</u>	Lab No:	<u>20240171</u>
Source:	<u>PINE HILL ROAD</u>	Location:	<u>N. SMITHFIELD</u>

<b>Sieve Analysis of Fine Aggregate</b>	<b>AASHTO T-27</b>																		
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>99.3</td> <td>81.0</td> <td>58.4</td> <td>39.8</td> <td>22.2</td> <td>7.8</td> <td>2.4</td> <td>2.92</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	99.3	81.0	58.4	39.8	22.2	7.8	2.4	2.92
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	99.3	81.0	58.4	39.8	22.2	7.8	2.4	2.92											
<b>Unit Weight and Void in Aggregate</b>	<b>AASHTO T-19</b>																		
Unit Weight: _____	(lbs./cu. ft.)																		
<b>Specific Gravity and Absorption of Fine Aggregate</b>	<b>AASHTO T-84</b>																		
Bulk S.G.: <u>2.611</u>	Apparent S.G.: <u>2.660</u>																		
Bulk (SSD): <u>2.629</u>	Absorption: <u>0.70</u>																		
<b>Plastic Fines by Sand Equivalence</b>	<b>AASHTO T-176</b>																		
Plastic Fines: _____																			
<b>Organic Impurities in Sands for Concrete</b>	<b>AASHTO T-21</b>																		
_____																			
_____																			
<b>Amount of Material Finer than # 200 Sieve in Aggregate</b>	<b>AASHTO T-37</b>																		
_____ %																			

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Vendor: <u>CARDI CORP</u>	Lab No: <u>20240192</u>
Source: <u>West Greenwich, RI</u>	Location: <u>West Greenwich, RI</u>

<b>Sieve Analysis of Fine Aggregate</b>	<b>AASHTO T-27</b>																				
<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;">98.6</td> <td style="text-align: center;">83.7</td> <td style="text-align: center;">68.2</td> <td style="text-align: center;">53.0</td> <td style="text-align: center;">34.2</td> <td style="text-align: center;">10.7</td> <td style="text-align: center;">1.5</td> <td style="text-align: center;">2.52</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	98.6	83.7	68.2	53.0	34.2	10.7	1.5	2.52	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	98.6	83.7	68.2	53.0	34.2	10.7	1.5	2.52												
<b>Unit Weight and Void in Aggregate</b>	<b>AASHTO T-19</b>																				
Unit Weight: _____ (lbs./cu. ft.)																					
<b>Specific Gravity and Absorption of Fine Aggregate</b>	<b>AASHTO T-84</b>																				
Bulk S.G.: <u>2.609</u> Apparent S.G.: <u>2.631</u>																					
Bulk (SSD): <u>2.617</u> Absorption: <u>0.32</u>																					
<b>Plastic Fines by Sand Equivalence</b>	<b>AASHTO T-176</b>																				
Plastic Fines: _____																					
<b>Organic Impurities in Sands for Concrete</b>	<b>AASHTO T-21</b>																				
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<b>Amount of Material Finer than # 200 Sieve in Aggregate</b>	<b>AASHTO T-37</b>																				
_____ %																					



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Vendor:	<u>WINDHAM MATERIALS</u>	Lab No:	<u>20240195</u>
Source:	<u>WILLIMANTIC CT.</u>	Location:	<u>WILLIMANTIC CT.</u>

<b>Sieve Analysis of Fine Aggregate</b>	<b>AASHTO T-27</b>																		
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>96.9</td> <td>81.6</td> <td>67.4</td> <td>50.3</td> <td>29.2</td> <td>8.2</td> <td>1.8</td> <td>2.66</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	96.9	81.6	67.4	50.3	29.2	8.2	1.8	2.66
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	96.9	81.6	67.4	50.3	29.2	8.2	1.8	2.66											
<b>Unit Weight and Void in Aggregate</b>	<b>AASHTO T-19</b>																		
Unit Weight: _____	(lbs./cu. ft.)																		
<b>Specific Gravity and Absorption of Fine Aggregate</b>	<b>AASHTO T-84</b>																		
Bulk S.G.: <u>2.663</u>	Apparent S.G.: <u>2.706</u>																		
Bulk (SSD): <u>2.679</u>	Absorption: <u>0.60</u>																		
<b>Plastic Fines by Sand Equivalence</b>	<b>AASHTO T-176</b>																		
Plastic Fines: _____																			
<b>Organic Impurities in Sands for Concrete</b>	<b>AASHTO T-21</b>																		
_____																			
_____																			
<b>Amount of Material Finer than # 200 Sieve in Aggregate</b>	<b>AASHTO T-37</b>																		
_____ %																			

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION  
MATERIALS AND QUALITY ASSURANCE  
FINE AGGREGATE ANALYSIS REPORT - 2024**

Vendor:	<u>OSSIPEE AGGREGATE CORP</u>	Lab No:	<u>20240199</u>
Source:	<u>OSSIPEE, NH</u>	Location:	<u>OSSIPEE, NH</u>

<b>Sieve Analysis of Fine Aggregate</b>	<b>AASHTO T-27</b>																		
<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;">97.9</td> <td style="text-align: center;">90.5</td> <td style="text-align: center;">74.3</td> <td style="text-align: center;">47.8</td> <td style="text-align: center;">21.4</td> <td style="text-align: center;">5.6</td> <td style="text-align: center;">1.4</td> <td style="text-align: center;">2.62</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	97.9	90.5	74.3	47.8	21.4	5.6	1.4	2.62	
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	97.9	90.5	74.3	47.8	21.4	5.6	1.4	2.62											
<b>Percent Passing :</b>																			
<b>Unit Weight and Void in Aggregate</b>	<b>AASHTO T-19</b>																		
Unit Weight: _____ (lbs./cu. ft.)																			
<b>Specific Gravity and Absorption of Fine Aggregate</b>	<b>AASHTO T-84</b>																		
Bulk S.G.: <u>2.580</u> Apparent S.G.: <u>2.621</u>																			
Bulk (SSD): <u>2.595</u> Absorption: <u>0.60</u>																			
<b>Plastic Fines by Sand Equivalence</b>	<b>AASHTO T-176</b>																		
Plastic Fines: _____																			
<b>Organic Impurities in Sands for Concrete</b>	<b>AASHTO T-21</b>																		
_____																			
_____																			
<b>Amount of Material Finer than # 200 Sieve in Aggregate</b>	<b>AASHTO T-37</b>																		
_____ %																			

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FINE AGGREGATE ANALYSIS REPORT - 2024**

Vendor:	<u>P.A. LANDERS</u>	Lab No:	<u>20240212</u>
Source:	<u>FORESTDALE</u>	Location:	<u>FORESTDALE, MA.</u>

<b>Sieve Analysis of Fine Aggregate</b>	<b>AASHTO T-27</b>																				
<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;">97.0</td> <td style="text-align: center;">89.0</td> <td style="text-align: center;">77.1</td> <td style="text-align: center;">51.8</td> <td style="text-align: center;">24.0</td> <td style="text-align: center;">6.7</td> <td style="text-align: center;">2.1</td> <td style="text-align: center;">2.55</td> </tr> </tbody> </table>		3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	Percent Passing :	100.0	97.0	89.0	77.1	51.8	24.0	6.7	2.1	2.55	
	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:												
Percent Passing :	100.0	97.0	89.0	77.1	51.8	24.0	6.7	2.1	2.55												
<b>Unit Weight and Void in Aggregate</b>	<b>AASHTO T-19</b>																				
Unit Weight: _____ (lbs./cu. ft.)																					
<b>Specific Gravity and Absorption of Fine Aggregate</b>	<b>AASHTO T-84</b>																				
Bulk S.G.: <u>2.622</u> Apparent S.G.: <u>2.660</u>																					
Bulk (SSD): <u>2.636</u> Absorption: <u>0.54</u>																					
<b>Plastic Fines by Sand Equivalence</b>	<b>AASHTO T-176</b>																				
Plastic Fines: _____																					
<b>Organic Impurities in Sands for Concrete</b>	<b>AASHTO T-21</b>																				
_____																					
_____																					
<b>Amount of Material Finer than # 200 Sieve in Aggregate</b>	<b>AASHTO T-37</b>																				
_____ %																					

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MATERIALS AND QUALITY ASSURANCE  
FINE AGGREGATE ANALYSIS REPORT - 2024**

Vendor:	<u>MIOZZI</u>	Lab No:	<u>20240224</u>
Source:	<u>CAROLINA RD.</u>	Location:	<u>CHARLESTOWN, RI</u>

<b>Sieve Analysis of Fine Aggregate</b>	<b>AASHTO T-27</b>																		
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>99.8</td> <td>80.6</td> <td>56.6</td> <td>36.3</td> <td>20.5</td> <td>8.6</td> <td>3.4</td> <td>2.98</td> </tr> </tbody> </table>	3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:	100.0	99.8	80.6	56.6	36.3	20.5	8.6	3.4	2.98
3/8"	# 4	# 8	# 16	# 30	# 50	# 100	# 200	F.M.:											
100.0	99.8	80.6	56.6	36.3	20.5	8.6	3.4	2.98											
<b>Unit Weight and Void in Aggregate</b>	<b>AASHTO T-19</b>																		
Unit Weight: _____	(lbs./cu. ft.)																		
<b>Specific Gravity and Absorption of Fine Aggregate</b>	<b>AASHTO T-84</b>																		
Bulk S.G.: <u>2.590</u>	Apparent S.G.: <u>2.639</u>																		
Bulk (SSD): <u>2.609</u>	Absorption: <u>0.70</u>																		
<b>Plastic Fines by Sand Equivalence</b>	<b>AASHTO T-176</b>																		
Plastic Fines: _____																			
<b>Organic Impurities in Sands for Concrete</b>	<b>AASHTO T-21</b>																		
_____																			
_____																			
<b>Amount of Material Finer than # 200 Sieve in Aggregate</b>	<b>AASHTO T-37</b>																		
_____ %																			