Quadrant: L
Section: 22
Sublot: 1

Laboratory Diary

General Description of Mix and Materials

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Target</th>
<th>QC</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 mm (1&quot;)</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>19 mm (3/4&quot;)</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>12.5 mm (1/2&quot;)</td>
<td>97</td>
<td>95</td>
</tr>
<tr>
<td>9.5 mm (3/8&quot;)</td>
<td>79</td>
<td>73</td>
</tr>
<tr>
<td>4.75 mm (#4)</td>
<td>35</td>
<td>34</td>
</tr>
<tr>
<td>2.36 mm (#8)</td>
<td>23</td>
<td>25</td>
</tr>
<tr>
<td>1.18 mm (#16)</td>
<td>18</td>
<td>21</td>
</tr>
<tr>
<td>0.60 mm (#30)</td>
<td>14</td>
<td>17</td>
</tr>
<tr>
<td>0.30 mm (#50)</td>
<td>10</td>
<td>13</td>
</tr>
<tr>
<td>0.15 mm (#100)</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>0.075 mm (#200)</td>
<td>4.1</td>
<td>6.0</td>
</tr>
</tbody>
</table>

Binder Content (Pb): 5.1 5.4
Eff. Binder Content (Pbe): 4.6 NA
Dust-to-Binder Ratio: NA NA
Rice Gravity (Gmm): NA 2.460
Avg. Bulk Gravity (Gmb): NA 2.383
Avg Air Voids (Va): NA 3.1
Agg. Bulk Gravity (Gsb): NA NA
Avg VMA: NA NA
Avg. VFA: NA NA

Construction Diary

Relevant Conditions for Construction

Completion Date: August 28, 2012
24 Hour High Temperature (F): 0
24 Hour Low Temperature (F): 0
24 Hour Rainfall (in): 0.00
Planned Sublot Lift Thickness (in): 0.8
Paving Machine: Roadtec

Plant Configuration and Placement Details

Component | % Setting |
Binder Content (Plant Setting) | 5.5 |
As-Built Sublot Lift Thickness (in): NA
Total Thickness of All 2012 Sublots (in): 0.8
Approx. Underlying HMA Thickness (in): 5.6
Type of Tack Coat Utilized: CQS-1HP
Undiluted Target Tack Rate (gal/sy): 0.23
Avg. Measured Mat Compaction: 91.2%

General Notes:
1) Mixes are referenced by quadrant (E=East, N=North, W=West, S=South, L=Lee Rd 159), section number, and sublot (top=1);
2) SMA and OGFC refer to stone matrix asphalt and open-graded friction course, respectively; and
3) Mixes not containing hydrated lime were run with either Gripper X antistrip or Evotherm Q1 warm mix additive at a 0.5% rate.