

Quadrant: L
Section: 22
Sublot: 1

Laboratory Diary

General Description of Mix and Materials

Design Method: 413.30
 Compactive Effort: 50 gyrations
 Binder Performance Grade: 76-22
 Modifier Type: SBS
 Aggregate Type: Granite
 Design Gradation Type: GAP

Avg. Lab Properties of Plant Produced Mix

Sieve Size	Target	QC
25 mm (1"):	100	100
19 mm (3/4"):	100	100
12.5 mm (1/2"):	97	95
9.5 mm (3/8"):	79	73
4.75 mm (#4):	35	34
2.36 mm (#8):	23	25
1.18 mm (#16):	18	21
0.60 mm (#30):	14	17
0.30 mm (#50):	10	13
0.15 mm (#100):	6	9
0.075 mm (#200):	4.1	6.0
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

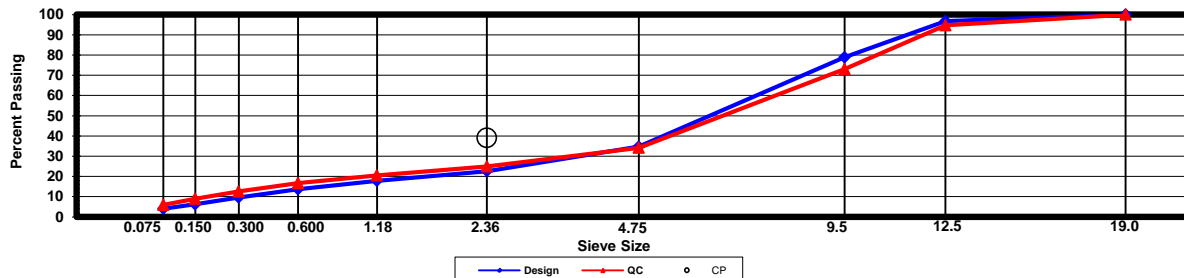
Construction Diary

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 Subot 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
Approx. Avg. Temperature at Plant (F):	0
Avg. Measured Mat Compaction:	91.2%



General Notes:

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