Quadrant: L  
Section: 25  
Sublot: 1

Laboratory Diary

General Description of Mix and Materials

Design Method: Super  
Compactive Effort: 75 gyrations  
Binder Performance Grade: 88-22  
Modifier Type: 7.5% SBS  
Aggregate Type: Lms/Sand  
Design Gradation Type: ARZ

Compactive Effort: 75 gyrations  
Binder Performance Grade: 88-22  
Modifier Type: 7.5% SBS  
Aggregate Type: Lms/Sand  
Design Gradation Type: ARZ

Binder Content (Pb): 6.1  
Eff. Binder Content (Pbe): 5.6  
Dust-to-Binder Ratio: 2.0  
Rice Gravity (Gmm): 2.441  
Avg. Bulk Gravity (Gmb): 2.343  
Avg Air Voids (Va): 4.0  
Agg. Bulk Gravity (Gsb): 2.647  
Avg VMA: 16.9  
Avg. VFA: 76

Binder Content (Pb): 6.1  
Eff. Binder Content (Pbe): 5.6  
Dust-to-Binder Ratio: 2.0  
Rice Gravity (Gmm): 2.441  
Avg. Bulk Gravity (Gmb): 2.343  
Avg Air Voids (Va): 4.0  
Agg. Bulk Gravity (Gsb): 2.647  
Avg VMA: 16.9  
Avg. VFA: 76

Construction Diary

Completion Date: August 13, 2012  
24 Hour High Temperature (F): 89  
24 Hour Low Temperature (F): 61  
24 Hour Rainfall (in): 0.00  
Planned Subot Lift Thickness (in): 0.8  
Paving Machine: Blaw Knox

Binder Content (Plant Setting) 6.4  
820 Calera Limestone 69.0  
Shorter Coarse Sand 30.0  
Hyd Lime 1.0

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: NTSS-1HM  
Undiluted Target Tack Rate (gal/sqy): 0.06  
Approx. Avg. Temperature at Plant (F): 320  
Avg. Measured Mat Compaction: 94.4%