Quadrant: **W**
Section: **3**
Sublot: **Surface**

Laboratory Diary

General Description of Mix and Materials

Design Method:	Superpave
Compactive Effort:	50 gyrations
Binder Performance Grade:	67-22
Modifier Type:	NA
Aggregate Type:	Limestone
Gradation Type:	ARZ

Avg. Lab Properties of Plant Produced Mix

Sieve Size:	Design	QC:
1":	100	100
3/4":	100	100
1/2":	100	100
3/8"	100	100
No. 4	67	79
No. 8	42	51
No. 16		39
No. 30	24	29
No. 50		21
No. 100	12	14
No. 200	6.0	8.7
Asphalt Content	6.3	6.2
Pill Bulk Gravity:		2.337
TMD (Rice):		2.403
Avg Air Voids		2.7
Avg VMA:		14

Construction Diary

Relevant Conditions for Construction

Completion Date:	Thursday, August 07, 2003
24 Hour High Temperature (F):	85
24 Hour Low Temperature (F):	68
24 Hour Rainfall (in):	0.29
Lift type:	Surface
Planned Mill / Lift Thickness (in):	1.3

Plant Configuration and Placement Details

Component:	% Setting:
Asphalt Content (Plant Setting)	6.2
789 Goretown Limestone	62.0
Goretown Regular Screenings	30.0
Goretown Washed Screenings	7.0
Hydrated Lime	1.0
Approximate Length (ft):	205
Survey Mill / Lift Thickness (in):	1.3
Type of Tack Coat Utilized:	PG67-22
Target Tack Application Rate (gal/sy):	0.03
Avg Temperature In Truck (F):	335
Avg Section Compaction:	92.1

General Notes:

1) Mixes are referenced by quadrant (E=East, N=North, W=West, and S=South), section number (sequential) and sublot;
2) Sections are listed in the order they appear on the Track beginning with E2 and continuing counterclockwise to E1;
3) The total research thickness of all rutting study sections ranges from 3/4 to 4 inches by design;
4) The total HMA thickness of all structural study sections (N1 through N8) ranges from 5 to 9 inches by design;
5) ARZ, TRZ, and BRZ refer to gradations intended to pass above, through and below the restricted zone, respectively;
6) SMA and OGFC refer to stone matrix asphalt and open-graded friction course, respectively.