APPENDIX “A”

TABLES

Table 1. Project Sites Location Details

SITE NO.	DISTRICT	COUNTY	SR	LR	SECTION	SEGMENT BEGIN	SEGMENT END	AGE	YEAR CONST.	Pcc OVERLAY	CONDITION*
1	10	JEFFERSON	80	1009	203	775	835	4	1985	Y	E
2	11	ALLEGHENY	279	765	3117	30	51	3	1986	Y	F
3	11	ALLEGHENY	279	765	---	4	30	5	1984	Y	F
4	11	ALLEGHENY	279	765	---	4	30	5	1984	Y	E
5	12	WESTMORELAND	30	787	123	260	301	3	1986	Y	F
6	12	WESTMORELAND	30	787	02R	310	340	4	1985	Y	G
7	12	WASHINGTON	70	798	03R	75	104	3	1986	Y	P
8	TURNPIKE	LAWERANCE	76	---	---	MP .6	MP 4	18	1971	Y	E
9	TURNPIKE	BEDFORD	70/76	---	---	MP 129	MP 163	19	1970	Y	F
10	TURNPIKE	SOMERSET	70/76	---	---	MP 124	MP 129	9	1980	Y	G
11	1	ERIE	90	797	03M	360	420	2	1987	N	P
12	4	LUZERNE	81	1005	09M	1694	1771	3	1986	Y	E
13	4	LUZERNE	81	1005	09M	1694	1771	3	1986	Y	G
14	4	LACKAWANA	81	1005	04M	1820	1851	4	1985	Y	G
15	5	LEHIGH	78	443	32M	435	475	3	1986	Y	G
16	5	LEHIGH	78	443	32M	436	480	4	1985	Y	F
17	5	SCHUYKILL	81	1005	021	1330	1390	3	1986	Y	G
18	5	SCHUYKILL	81	1005	19M	1074	1095	7	1982	N	F

* E = EXCELLENT, G = GOOD, F = FAIR, and P = POOR

Table 1. (Cent) Project Sites Location Details

SITE NO.	DISTRICT	COUNTY	SR	LR	SECTION	SEGMENT BEGIN	SEGMENT END	AGE	YEAR CONST.	PCC OVERLAY	CONDITION*
19	5	BERKS	222	157	37M	490	510	5	1984	Y	G
20	5	BERKS	222	6150	13M	240	250	4	1985	Y	E
22	6	MONTGOMERY	76	769	100	3270	3315	5	1984	Y	F
23	6	MONTGOMERY	76	769	300	3380	3391	4	1985	Y	F
24	6	MONTGOMERY	76	769	420	3285	3345	2	1987	Y	E
25	8	PERRY	11	195	524	280	320	14	1975	Y	E
26	8	YORK	83	---	813	2	75	2	1987	Y	E
27	8	YORK	83	287	---	134	221	5	1984	Y	F
28	8	DAUPHIN	22	1	003	100	150	2	1987	N	E
29	8	CUMBERLAND	11	708	072	790	811	2	1987	N	F
30	8	CUMBERLAND	11	34	633	510	541	6	1983	Y	P
31	9	BLAIR	220	55	37M	480	510	3	1986	Y	F
32	9	FULTON	70	267	015	1554	1654	2	1987	Y	G
33	9	FULTON	70	267	015	1554	1654	2	1987	Y	F
34	9	BEDFORD	70	267	007	1554	1530	4	1985	Y	G
35	10	JEFFERSON	80	1009	204	834	884	2	1987	Y	E

* E = EXCELLENT, G = GOOD, F = FAIR, and P = POOR

Table 2. Traffic and Climatological Data

SITE NO.	SR	PCT TRUCKS	ADT	ESAL'S PER DAY	PAVEMENT AGE	Total ESAL'S (x1OEE6)	TRAFFIC SURVEY DIRECTION	AVERAGE YEARLY TEMP (F)
1	80	40	7655	2765	4	3.87	WB	49.5
2	279	9	39250	2100	3	2.31	NB	50.4
3	279	9	41000	2214	5	3.71	NB	50.4
4	279	9	41000	2214	5	3.71	SB	50.4
5	30	5	16000	440	3	0.48	WB	47.6
6	30	4	21173	471	4	0.66	EB	47.6
7	70	32	9759	2803	3	3.08	WB	50.1
8	76	29	17069	4935	18	17.88	EB	48.6
9	70/76	33	28018	9288	19	34.31	EB	50.5
10	70/76	35	26395	9251	9	23.53	EB	48.0
11	90	43	7227	2775	2	3.05	EB	49.5
12	81	22	14476	2653	3	2.91	NB	50.6
13	81	22	14476	2647	3	2.91	SB	50.6
14	81	19	21629	3483	4	2.46	NB	50.6
15	78	35	11259	3280	3	3.60	WB	52.0
16	78	37	10210	3280	4	4.59	EB	52.0
17	81	23	8120	1522	3	1.67	NB	47.9
18	81	22	7085	1323	7	2.84	NB	51.2
19	222	12	20014	1690	5	2.83	NB	52.0
20	222	9	21180	1195	4	1.67	NB	52.0
22	76	8	28808	1529	5	2.56	NB	53.7
23	76	7	37477	1680	4	2.35	WB	53.7
24	76	7	37477	1680	2	1.29	EB	53.7
25	11	20	6892	1109	14	3.39	BOTH	50.7
26	83	22	11025	1907	2	1.46	NB	53.3
27	83	16	22272	2653	5	4.44	NB	53.3
28	22	12	23296	825	2	0.63		50.7
29	11	3	23775	441	2	0.34	NB	53.0
30	11	29	7856	2025	6	3.90	NB	53.0
31	220	9	8562	542	3	0.60	BOTH	50.7

Table 2. (Cork) Traffic and Climatological Data

SITE NO.	SR	PCT TRUCKS	ADT	ESALS PER DAY	PAVEMENT AGE	Total ESAL'S (x1OEE6)	TRAFFIC SURVEY DIRECTION	AVERAGE YEARLY TEMP (F)
32	70	37	5925	1982	2	1.52	EB	51.3
33	70	37	5925	1978	2	1.52	WB	51.3
34	70	20	7648	1330	4	1.86	EB	51.3
35	80	44	6187	2477	2	1.90	EB	49.5
Average:		21.2	18121	2426	4.9	4.41		50.9
Std Dev:		12.5	11139	1962	4.1	6.88		1.7

Table 3. Project Job-Mix Formulas (Mix Composition)
wearing Course (Layer 1)

SITE	SR	MIX TYPE	DESIGN ASPHALT CONTENT	PERCENT PASSING 1/2"	No. 8	No. 200
1	80	ID2W	6.20	100	47	5.5
2	279	ID2W	6.40	100	43	5.0
3	279	ID2W	7.20	100	48	4.0
4	279	ID2W	6.70	100	43	4.0
5	30	ID2W	6.50	100	42	5.0
6	30	ID2W	6.50	100	43	5.0
7	70	ID2W	5.90	100	44	5.0
8	76	ID2W	6.50	100	45	5.0
9	70/76	ID2W	8.75	100	45	3.0
10	70/76	ID2W	6.90	100	45	4.5
11	90	ID2W	7.20	100	50	4.0
12	81	ID2W	6.60	100	48	4.5
13	81	ID2W	6.60	100	48	4.5
14	81	ID2W	6.60	100	45	5.0
15	78	ID2W	6.40	100	45	5.0
16	78	ID2W	6.40	100	45	5.0
17	81	ID2W	6.20	100	48	4.0
18	81	ID2W	5.70	100	42	5.0
19	222	ID2W	6.20	100	45	5.0
20	222	ID2W	6.60	100	45	5.0
22	76	ID2W	5.70	100	43	5.2
23	76	ID2W	5.80	100	43	5.2
24	76	ID2W	6.00	100	43	4.5
25	11	ID2W	---	---	---	---
26	83	ID2W	6.10	100	40	4.5
27	83	ID2W	6.00	100	38	5.0
28	22	ID3W	5.20	80	35	5.0
29	11	ID3W	5.00	76	37	5.0
30	11	ID2W	6.40	100	40	4.0
31	220	ID2W	6.30	100	40	5.0

"---" Data Not Available

Table 3. (Cont) Project Job-Mix Formulas (Mix Composition)
Wearing Course (Layer 1)

SITE	SR	MIX TYPE	DESIGN ASPHALT CONTENT	PERCENT PASSING 1/2"'	No. 8	No. 200
32	70	ID2W	6.00	100	45	5.0
33	70	ID2W	6.00	100	45	5.0
34	70	ID2W	6.30	100	45	6.0
35	80	ID2W	6.10	100	47	5.0
Average:			6.15	95.8	42.6	4.63
Std Deviation:			1.237	17.46	8.08	0.969

Table 4. Project Job-Mix Formulas (Mix Composition)
Binder Course (Layer 2)

SITE	SR	MIX TYPE	DESIGN ASPHALT CONTENT	PERCENT PASSING 1/2"	No. 8	No. 200
1	80	ID2B	4.6	69	25	4.5
2	279	ID2B	4.2	57	27	5.0
3	279	ID2B	5.0	69	30	4.0
4	279	ID2B	5.0	67	30	4.0
5	30	ID2B	4.8	64	25	4.0
6	30	ID2B	4.6	62	25	4.4
7	70	ID2B	4.5	63	25	4.0
8	76	ID2B	---	---	---	---
9	70/76	ID2B	---	---	---	---
10	70/76	ID2B	---	---	---	---
11	90	BCBC	4.6	66	28	---
12	81	BCBC	4.7	61	30	5.0
13	81	ID2B	4.7	61	30	5.0
14	81	ID2B	5.2	65	30	4.0
15	78	ID2B	4.3	63	30	4.0
16	78	ID2B	4.5	61	28	5.0
17	81	ID2B	4.5	55	30	4.0
18	81	ID2B	4.5	60	29	4.0
19	222	ID2W	6.2	---	---	5.0
20	222	ID2B	4.5	56	25	4.0
22	76	ID2W	4.5	63	26	4.0
23	76	ID2B	4.5	63	26	4.0
24	76	ID2B	4.1	57	30	4.0
25	11	SP B	4.0	42	19	2.5
26	83	ID2B	4.2	55	28	4.0
27	83	ID2B	4.5	62	25	4.0
28	22	ID2B	---	---	---	---
29	11	ID2B	4.5	63	27	4
30	11		---	---	---	---
31	220	ID2B	---	---	---	---

" ---" Data Not Available

Table 4. (Cont) Project Job-Mix Formulas (Mix Composition)
Binder Course (Layer 2)

SITE	SR	MIX TYPE	DESIGN ASPHALT CONTENT	PERCENT PASSING 1/2"	No. 8	No. 200
32	70	ID2B	4.6	55	30	4.0
33	70	ID2B	4.6	55	30	4.0
34	70	ID2W	6.3	100	45	6.0
35	80	ID2B	4.4	63	30	4.5
Average:			4.66	62.1	28.3	4.26
Std Deviation:			0.508	9.21	4.20	0.613

Table 5. Project Marshall Mix Design Data - Wearing Course (Layer 1)

SITE	SR	MIX TYPE	HEAVY DUTY	# BLOWS	SPECIMEN SP. GR.	MAX. SP. GR.	% VTM	% VMA	% VFA	STAB. (pounds)	FLOW (units)
1	80	ID2W	N	50	2.413	2.501	3.5	16.1	78.3	2765	10
2	279	ID2W	N	50	2.332	2.404	3.0	16.0	81.3	2650	11
3	279	ID2W	N	50	2.289	2.355	2.8	16.1	82.6	2350	11
4	279	ID2W	N	50	2.288	2.371	3.5	16.6	78.9	2075	10
5	30	ID2W	Y	75	2.313	2.385	3.0	16.3	81.6	2322	10
6	30	ID2W	N	50	2.323	2.397	3.1	15.4	79.9	2198	10
7	70	ID2W	Y	75	2.310	2.396	3.6	15.7	77.1	2600	9
8	76	ID2W	N	65	2.322	2.391	2.9	17.7	83.6	2658	11
9	70/76	ID2W	N	65	2.192	2.274	3.6	22.4	83.9	3666	11
10	70/76	ID2W	N	65	2.334	2.406	3.0	18.6	83.9	2783	12
11	90	ID2W	N	50	2.273	2.343	3.0	16.9	82.2	2167	8
12	81	ID2W	N	50	2.350	2.435	3.5	16.3	78.5	3087	10
13	81	ID2W	N	50	2.350	2.435	3.5	16.3	78.5	3087	10
14	81	ID2W	N	50	2.345	2.420	3.1	16.5	81.2	2667	15
15	78	ID2W	N	50	2.386	2.462	3.1	16.4	81.1	2347	12
16	78	ID2W	N	50	2.334	2.421	3.6	17.7	79.7	2019	12
17	81	ID2W	N	50	2.321	2.410	3.7	16.1	77.0	3540	12
18	81	ID2W	N	50	2.440	2.536	3.8	16.6	77.1	2160	11
19	222	ID2W	N	50	2.381	2.483	4.1	18.0	77.2	2350	11
20	222	ID2W	N	50	2.305	2.399	3.9	16.4	76.2	3000	13
22	76	ID2W	N	50	2.397	2.479	3.3	15.3	78.4	2098	11

Table 5. (Cent) Project Marshall Mix Design Data - Wearing Course (Layer 1)

SITE	SR	MIX TYPE	HEAVY DUTY	# BLOWS	SPECIMEN SP. GR.	MAX. SP. GR.	% VTM	% VMA	% VFA	STAB. (pounds)	FLOW (units)
23	76	ID2W	N	50	2.397	2.479	3.3	15.3	78.4	2098	11
24	76	ID2W	Y	75	2.386	2.467	3.3	15.3	78.4	2098	11
25	11	ID2W	N	50	---	---	---	---	---	---	---
26	83	ID2W	Y	75	2.387	2.486	4.0	16.4	75.6	2820	14
27	83	ID2W	N	50	2.373	2.469	3.9	15.4	74.7	2066	11
28	22	ID3W	N	50	---	---	3.8	15.7	75.8	2500	9
29	11	ID3W	N	50	2.432	2.523	3.6	14.5	75.2	2378	11
30	11	ID2W	N	50	2.341	2.433	3.8	16.9	77.5	2450	11
31	220	ID2W	N	50	2.361	2.459	4.0	18.5	78.4	2667	11
32	70	ID2W	Y	75	2.413	2.519	4.2	16.1	73.9	2201	10
33	70	ID2W	Y	75	2.413	2.519	4.2	16.1	73.9	2201	10
34	70	ID2W	N	50	2.365	2.476	4.5	19.0	76.3	2187	11
35	80	ID2W	Y	75	2.387	2.486	4.0	16.3	75.5	2700	10
Average:					2.352	2.438	3.55	16.63	78.54	2513.8	10.91
Std Deviation:					0.052	0.058	0.431	1.436	2.815	411.10	1.33

"---" Data Not Available

Table 6. Project Marshall Mix Design Data - Binder Course (Layer 2)

SITE	SR	MIX TYPE	HEAVY DUTY	# BLOWS	SPECIMEN SP. GR.	MAX. SP. GR.	% VTM	% VMA	% VFA	STAB. (pounds)	FLOW (units)
1	80	ID2B	N	50	2.481	2.582	3.9	14.1	72.3	2018	11
2	279	ID2B	N	50	2.415	2.516	4.0	12.2	67.2	2700	9
3	279	ID2B	N	50	2.322	2.394	3.0	12.4	75.8	2183	10
4	279	ID2B	N	50	2.332	2.394	2.6	12.4	79.0	2200	12
5	30	ID2B	Y	75	2.410	2.490	3.2	13.7	76.6	3100	13
6	30	ID2B	N	50	2.400	2.500	4.0	13.7	70.8	2490	10
7	70	ID2B	Y	75	2.401	2.488	3.5	13.3	73.7	3100	9
8	76	ID2B	N	---	---	---	---	---	---	---	---
9	70/76	ID2B	N	---	---	---	---	---	---	---	
10	70/76	ID2B	N	---	---	---	---	---	---	---	---
11	90	BCBC	N	50	2.306	2.407	4.2	13.9	69.8	1908	10
12	81	BCBC	N	50	2.446	2.522	3.0	13.2	77.3	3050	14
13	81	ID2B	N	50	2.446	2.522	3.0	13.2	77.3	3050	14
14	81	ID2B	N	50	2.393	2.490	3.9	14.2	72.5	2283	12
15	78	ID2B	N	50	2.455	2.552	3.8	13.7	72.3	2400	12
16	78	ID2B	N	50	2.438	2.529	3.6	13.9	74.1	2200	12
17	81	ID2B	N	50	2.372	2.453	3.3	13.0	74.6	2850	12
18	81	ID2B	N	50	2.512	2.603	3.5	14.3	75.5	1733	11
19	222	ID2W	N	50	2.381	2.483	4.1	18.0	77.2	2350	11
20	222	ID2B	N	50	2.456	2.558	4.0	14.3	72.0	2008	12
22	76	ID2W	N	50	2.511	2.616	4.0	14.3	71.9	1696	11

"---" Data Not Available

Table 6. (Cent) Project Marshall Mix Design Data - Binder Course (Layer 2)

SITE	SR	MIX TYPE	HEAVY DUTY	# BLOWS	SPECIMEN SP. GR.	MAX. SP. GR.	% VTM	% VMA	% VFA	STAB. (pounds)	FLOW (units)
23	76	ID2B	N	50	2.579	2.686	4.0	14.2	71.8	1696	11
24	76	ID2B	Y	75	2.560	2.667	4.0	14.2	71.8	1696	11
25	11	SP B	N	50	---	---	---	---	---	---	---
26	83	ID2B	Y	75	2.513	2.615	3.9	13.2	70.5	2357	13
27	83	ID2B	N	50	2.499	2.600	3.9	13.8	71.7	1477	12
28	22	---	---	---	---	---	---	---	---	---	---
29	11	ID2B	N	50	2.429	2.530	4.0	14.2	71.8	1517	10
30	11	ID2B	---	---	---	---	---	---	---	---	---
31	220	---	---	---	---	---	---	---	---	---	---
32	70	ID2B	Y	75	2.409	2.520	4.4	13.6	67.6	2467	14
33	70	ID2B	Y	75	2.409	2.520	4.4	13.6	67.6	2467	14
34	70	ID2W	N	50	2.365	2.476	4.5	19.0	76.3	2187	11
35	80	ID2B	Y	75	2.484	2.588	4.0	13.6	70.6	2685	11
"---" Data Not Available											
Average: (ALL)					2.434	2.530	3.77	13.97	72.96	2291	11.6
Std Deviation: (ALL)					0.067	0.073	0.47	1.41	3.11	479	1.42
Excluding ID-2W Mixes											
Average:					2.436	2.530	3.71	13.58	72.68	2318	11.6
Std Deviation:					0.069	0.758	0.48	0.61	3.16	502	1.53

Table 7A. (Cent) Project Construction Data - All Courses

SITE	LAYER	SR	MIX TYPE	RPS	% VOIDS AVG	% VOIDS SD	ASPHALT CONTENT, % JMF	ASPHALT CONTENT, % AVG	ASPHALT CONTENT, % SD	ASPHALT CONTENT, % CI	PASSING 1/2 inch JMF	PASSING 1/2 inch AVG	PASSING 1/2 inch SD	PASSING 1/2 inch CI	PASSING # 8 JMF	PASSING # 8 AVG	PASSING # 8 SD	PASSING # 8 CI	PASSING # 200 JMF	PASSING # 200 AVG	PASSING # 200 SD	PASSING # 200 CI
11	1	90	ID2W	Y	3.97	1,408	7,2	7.04	0.141	-0.213	100	100.0	0,000	0.000	50	48.7	2.749	-3.055	4.0	4,48	0.973	1.085
11	2	90	BCBC	N	----	--	4.6	4.48	0.194	-0.228	66	81.0	3.033	15,304	28	30.4	2.728	3.633	---	6,36	0.344	---
11	3	90	BCBC	N	- --	-- -	4.6	3.92	0.337	-0.759	---	77.8	1.600	11.908	---	29.2	2.227	2.530	---	6,40	0,772	---
12	1	81	ID2W	Y	4.95	1.473	6.6	6.40	0.272	-0.335	100	100.0	0.000	0,000	48	49.3	3.608	3.819	4.5	5.51	0.796	1.287
12	2	81	BCBC	Y	2.43	1.038	4.7	4.76	0.398	0,403	61	63.1	8.211	8.481	30	31.1	3.844	3.987	5.0	5.46	0.625	0.774
13	1	81	ID2W	Y	5,52	1.785	6.6	6.39	0.227	-0.308	100	100.0	0.000	0.000	48	49.8	2.364	2.983	4.5	6.49	1.580	2,541
13	2	81	ID2B	Y	3.10	1.389	4.7	4.77	0.348	0.355	61	63,9	6,892	7.470	30	33.2	3.561	4.787	5.0	5.35	0,834	0.903
14	1	81	ID2W	Y	4.58	1,854	6.6	6.58	0.218	-0.219	100	100.0	0.000	0,000	45	45.5	2.920	2,956	5.0	5.81	0,882	1.199
14	2	81	ID2B	Y	4.95	1.620	5.2	5.13	0.196	-0.208	65	68,6	4.355	5.645	30	27.7	1.763	-2.876	4.0	5.23	0.831	1,486
15	1	78	ID2W	Y	5.36	1.453	6.4	6,26	0.115	-0.178	100	100.0	0,000	0,000	45	45.4	2.500	2.541	5.0	5,52	0.622	0.244
15	2	78	ID2B	Y	5,41	1.142	4.3	4.41	0.205	-0.233	63	65.1	4.644	5,099	30	32.2	3.407	4.033	4.0	5,31	0.796	1.529
16	1	78	ID2W	Y	5.88	1,770	6.4	6,19	0.162	-0.265	100	100.0	0.000	0.000	45	43.9	1.730	-2.045	5.0	6.31	0.306	1.344
16	2	78	ID2B	Y	4.60	1.765	4.5	4.40	00171	-0.198	61	67.2	4.079	7.447	28	29.7	1.814	2.481	5.0	5.40	0.864	0.952
17	1	81	ID2W	Y	7.39	1.530	6.2	5.90	0.253	-0.392	100	100.0	0.000	0.000	48	47.7	3.002	-3.017	4.0	4,95	0.541	1.093
17	2	81	ID2B	Y	5.07	1.351	4.5	4.53	0.390	0.391	55	58,8	5.887	7.007	30	33.5	3.722	5.109	4.0	4.60	0.658	0.887
18	1	81	ID2W	Y	5.32	1,042	5.7	5.72	0.240	2.392	100	100.0	.0.000	0.000	42	41.2	1.796	-6.419	5.0	5.07	0.793	2s252
18	2	81	ID2B	Y	3.09	1,239	4.5	4.56	0.187	0.203	60	69,9	4.211	11.088	29	28.9	1.886	-1.949	4.0	5.30	0.619	1.487

"---" Data Not Available

Table 7A. Project Construction Data - All Courses

SITE	LAYER	SR	MIX TYPE	RPS	% VOIDS AVC	% VOIDS SD	ASPHALT CONTENT, % JMF	ASPHALT CONTENT, % AVG	ASPHALT CONTENT, % SD	ASPHALT CONTENT, % CI	PASSING 1/2 inch JMF	PASSING 1/2 inch AVG	PASSING 1/2 inch SD	PASSING 1/2 inch CI	PASSING # 8 JMF	PASSING # 8 AVG	PASSING # 8 SD	PASSING # 8 CI	PASSING # 200 JMF	PASSING # 200 AVC	PASSING # 200 SD	PASSING # 200 CI
1	1	80	ID2W	Y	6.86	1.224	6.2	6,15	0.170	-0.179	100	100.0	0.000	0,000	47	46,9	2.688	-2.693	S.5	5.71	0.784	0.813
1	2	80	ID2B	Y	6.55	1.290	4.5	4.58	0,205	0,206	69	71.3	3.358	4.094	25	27.1	1.917	2.847	4.5	4.81	0,552	0.633
2	1	279	ID2W	Y	6,60	1,363	6.4	6.02	0.113	-0.395	100	100.0	0,000	0,000	43	44.7	2.582	2.933	5.0	6.39	0.335	1.365
2	2	279	ID2B	Y	4.39	1.430	5.0	4.20	0.413	-0,415	57	55,6	8.558	-8.672	27	25.9	3.562	-3.728	5.0	5.30	0.778	0.841
3	1	279	ID2W	Y	4,54	1,231	7,2	7.02	0.209	-0,275	100	100.0	0,000	0.000	48	46.4	1.989	-2.550	4.0	4.69	0.589	0.904
3	2	279	ID2B	N	---	---	4.0	4.92	0.382	0,390	69	76,6	5.886	9.613	30	29.6	2.417	-2.450	4.0	4.08	0.293	4.091
4	1	279	ID2W	Y	5.16	1.387	6.7	6.55	0.148	-0.210	100	100.0	0,000	0,000	43	44.1	1.583	1.971	4.0	3.69	0.674	-0.741
4	2	279	ID2B	N	---	---	4.0	4.26	0.361	0,823	67	66.4	14.691	-14.704	30	30.8	6.493	6.542	4.0	5,46	0.801	1.666
5	1	30	ID2W	Y	5.01	1.396	6.5	6.42	0.181	-0.200	100	100.0	0.000	0.000	42	42,3	2.048	2,064	5.0	5.75	0.707	1.031
5	2	30	ID2B	Y	4.89	1.054	4.0	4.73	0.253	0.261	64	69.9	5.827	8,270	25	27.1	1.880	2.842	4.0	4.29	0.546	0.618
5	3	30	ID2B	N	---	---	4.0	4.28	0.090	0.426	---	57.3	10.143	12.138	---	23.7	3.091	3.367	---	3,67	0.419	0.535
6	1	30	ID2W	Y	4.75	1.458	6.5	6.53	0.346	0.347	100	100.0	0.000	0.000	43	40.4	1.615	-2.291	5.0	5.60	0.689	0.915
6	2	30	ID2B	Y	5.38	0.906	4,4	4.81	0.306	0.369	62	67.2	5.574	7.609	25	25.8	2.352	2.491	4.4	4.51	0.663	0.672
7	1	70	ID2W	Y	6.28	1.990	5.9	6.13	0,191	0,297	100	100.0	0,000	0.000	44	43.5	4,450	-4.478	5.0	5.43	0.463	0.634
7	2	70	ID2B	Y	5,32	1.364	4.0	4.41	0.355	0,367	63	66,0	6.844	7.457	25	28,0	2.993	4.238	4.0	4.46	0.358	0.580
8	1	76	ID2W	N	---	---	6.5	6.08	0.040	-0.422	100	100.0	0.000	0.000	45	43.0	0.894	-2,191	5.0	6.30	0.283	1.330
8	3	76	ID2B	N	---	---	---	4.58	0.312	---	---	73.4	4.716	---	---	30.8	2.993	---	---	4.98	0.467	---
9	1	70/76	ID2W	N	- - - - - -		8.8	7.96	0.265	-0.881	100	100.0	0,000	0,000	45	45.0	2.098	2.098	3.0	5,18	0.483	2.233
9	2	70/76	ID2B	N	---	---	---	4.78	0.271	---	---	69.6	3.007	---	---	28,2	1,167	---	---	5.32	0.893	---
10	1	70/76	ID2W	N	----	--	6.9	6.20	0.179	-0.723	100	100.0	0,000	0.000	45	45.2	1.721	1,732	4.5	6.78	0.615	2.361
10	2	70/76	ID2B	N	-- -	---	---	4.26	0.186	---	---	76.6	11.893	---	---	33.8	4.956	---	---	5.10	0.555	---

"---" Data Not Available

Table 7A. (Cent) Project Construction Data - All Courses

SITE	LAYER	SR	MIX TYPE	RPS	% VOIDS AVG	% VOIDS SD	ASPHALT CONTENT, % JMF	ASPHALT CONTENT, % AVG	ASPHALT CONTENT, % SD	ASPHALT CONTENT, % CI	PASSING 1/2 inch JMF	PASSING 1/2 inch AVG	PASSING 1/2 inch SD	PASSING 1/2 inch CI	PASSING # 8 JMF	PASSING # 8 AVG	PASSING # 8 SD	PASSING # 8 CI	PASSING # 200 JMF	PASSING # 200 AVG	PASSING # 200 SD	PASSING # 200 CI
20	1	222	ID2W	Y	6.66	1,833	6,6	6,29	0.422	-0,526	100	100.0	0.000	0.000	45	42.0	1.512	-3.359	5.0	5.43	0.647	0.776
20	2	222	ID2B	Y	2.80	1.571	4.5	4.59	0.273	0,288	56	60,7	5.836	7.488	25	29.2	3.278	5.292	4.0	4.76	0.769	1.082
20	3	222	LEVEL	N	---	---	---	3,17	1.836	---	---	---	---	---	---	2102	11.47	---	---	---	---	---
22	1	76	ID2W	N	---	---	5,7	5,60	0.228	-0.249	100	100.0	0.000	0.000	43	43.4	1.020	1,095	5.2	7.14	0.605	2.032
22	2	76		N	---	- --	4.5	4,42	0.117	-0,141	---	73.0	3.286	10,526	26	24,8	2.400	-2.683	4.0	4.64	0.413	0.762
22	3	76	ID2W	N	---	---		5,40	0.237	---	---	100.0	0.000	---	---	45.0	1.095	---	---	5.84	0.539	---
23	1	76	ID2W	Y	4,87	2.412	5.8	5.58	0,227	-0,314	100	100.0	0.000	0,000	43	43.2	3.184	3.189	5.2	5,34	1.339	1,346
23	2	76	ID2B	Y	---	---	4,5	4,15	0,314	-0,348	---	62,9	60066	6.067	26	27.1	2,368	2.602	4.0	4,48	0.654	0.810
23	3	76	ID2B	N	---	---	---	3,78	0,177	0.280	---	---	---	---	---	26.0	1.155	1.155	---	------		---
24	1	76	ID2W	Y	6.36	1,838	6.0	5,92	0,274	-0.284	100	100.0	0.000	0.000	43	46.0	8.391	8.920	4.5	5.61	0.458	1.199
24	2	76	ID2B	N	---	---	4.1	3.75	0,440	-0.559	63	56.0	5.385	-4.503	30	33.5	2.894	5.208	4.0	5,68	0.503	1.749
24	3	76	ID2B	N	---	---	---	4,75	0.892	---	---	---	---	---	---	27.5	8.827	---	---	---	---	---
25	1	11	ID2W	N	---	---	---	6,04	0,250	---	---	100.0	0.000	---	---	42.6	1.960	---	---	5.42	0.909	---
25	2	11	SP B	N	---	---	4,0	3.70	0.490	-0.574	63	46.2	7.782	-8.843	19	20.2	3.187	3.406	2,5	3,38	0.160	0.894
26	1	83	ID2W	Y	6.83	1.512	6,1	6.07	0.323	-0.325	100	100.0	0.000	0.000	40	39.8	3.848	-3.856	4.5	5.22	0.874	1.132
26	2	83	ID2B	Y	5.38	1.097	4.2	4,48	0.405	-0.491	57	61.7	7.916	10.349	28	29.0	2,944	3.109	4.0	5.72	0.581	1.818
26	3	83	---	Y	8.77	3.287	---	4,46	0.233	---	---	---	---	---	---	26.4	2.216	---	---	------		---
27	1	83	ID2W	Y	3.74	0.772	6,0	5,73	0.254	-0.368	100	100.0	0.000	0.000	38	37.1	1,792	-2.000	5.0	5.27	0.569	0.631
27	2	83	ID2B	Y	3.'79	0.953	4.5	4,42	0.350	-0.358	62	61.4	6.576	-6.601	25	25.3	2.333	2.353	4.0	4.50	0.697	0.860
28	1	22	ID3W	Y	5.75	1.413	5.2	5,38	0.293	0.315	---	---	---	---	35	37,0	4.534	4.955	5.0	3.92	0.708	-1.239
28	3	22	ID2W	Y	6.42	1.285	---	6.25	0.198	00319	---	100.0	0.000	0.000	---	39.8	3,387	3,391	---	4.82	0.498	0.531

"---" Data Not Available

Table 7A. (Cent) Project Construction Data - All Courses

SITE	LAYER	SR	MIX TYPE	RPS	% VOIDS AVG	% VOIDS SD	ASPHALT CONTENT, X JMF	ASPHALT CONTENT, X AVG	ASPHALT CONTENT, X SD	ASPHALT CONTENT, X Cl	PASSING 1/2 inch JMF	PASSING 1/2 inch AVG	PASSING 1/2 inch SD	PASSING 1/2 inch CI	PASSING # 8 JMF	PASSING # 8 AVG	PASSING # 8 SD	PASSING # 8 CI	PASSING # 200 JMF	PASSING # 200 AVG	PASSING # 200 SD	PASSING # 200 CI
29	1	11	ID3W	Y	4.71	0,338	5.0	5.17	0,415	0.447	100	100,0	0,000	0.000	37	36.0	3.000	-3.162	5.0	5.05	0.608	0.610
30	1	11	ID2W	Y	5.88	1,279	6.4	6.11	0.136	-0.317	100	100,0	0,000	0.000	40	39.4	1.769	-1.884	4.0	S.08	0.833	1.368
31	1	220	ID2W	Y	6.93	1,082	6.3	6.45	0.218	0.265	100	100.0	0.000	0,000	40	41.7	4.723	5.008	5.0	5.22	0,953	0,977
32	1	70	ID2W	Y	6.93	0.786	6.0	6.00	0,229	0.229	100	100.0	0,000	0.000	45	46.5	3,395	3.715	5.0	5,40	0.331	0.519
32	2	70	ID2B	Y	6.45	1.350	4.6	4,49	0.395	-0.231	55	55.3	3.518	1.369	30	30.3	2.654	0.985	4,0	3.65	0.524	-0.402
33	1	70	ID2W	Y	6.83	1.434	6.0	5.86	0.236	-0.274	100	100.0	0.000	0.000	45	47.7	2.883	3.931	5.0	5.96	0.872	1.294
33	2	70	ID2B	Y	----	--	4.6	4.65	0.296	0.300	55	57.1	5$411	5.797	30	30.1	6.742	6.742	4.0	4.51	0.525	0.728
34	1	70	ID2W	Y	6,90	1.586	6.3	6.30	0,161	0.161	100	100.0	0,000	0,000	45	49.8	2,935	5.646	6.0	6.73	1.030	1,264
34	4	70	ID2B	Y	5.24	1.788	---	4.69	0,399	0.410	---	55.2	5.199	5,203	---	28,4	3.957	5.189	---	4,10	0.688	1.297
35	1	80	ID2W	Y	7.08	0.964	601	6.06	0.123	-0.128	100	100.0	0,000	0,000	47	45.5	2.463	-2.884	5.0	5,96	0.410	1.047
35	2	80	ID2B	Y	7,17	1.115	4,4	4,15	0.239	-0.281	63	64.0	5,013	5.112	30	28.4	2.173	2,711	4.5	4.48	0.582	-0.545

"---" Data Not Available

Layer 1																						
Average:			5.79	1.407	6.33	6.18	0.219	-00115	100	100	0.0	0.0	43.8	43.95	2.701	0,347	4,77	5,562	0,699	1.111		
Std Deviation:			1.005	0.4051	0.630	0.499	0.080	0.5324	0.0	0.0	0.0	0,0	3,28	3,496	1.359	3,590	0.546	0,759	0.275	0.758		
Layer 2																						
Average:			4.751	1.275	4.50	4.531	0.295	0.004	61.9	66.12	5.848	4.319	27.6	30.05	3.041	2.469	4,20	4.992	0.606	1.036		
Std Deviation:			1.315	0.233	0.451	0.428	0.098	0.375	4.35	9.932	2.786	7.150	2.72	6,585	1.274	2.919	0.527	0.819	0.179	0.846		

Table 7B. Construction Dates and Traffic Control

SITE	CONSTRUCTION DATES	TRAFFIC	CONDITION	MAXIMUM SURFACE RUT DEPTH	AVERAGE SURFACE RUT DEPTH	MAXIMUM RATE OF RUTTING	AVERAGE RATE OF RUTTING
1	SUMMER	NONE	E	0.076	0.150	0.039	0.076
2	SUMMER	NONE	F	0.593	0.325	0.390	0.214
3	SPRING	N/A	F	0.243	0.400	0.126	0.208
4	SPRING	N/A	E	0.551	0.125	0.286	0.065
5	FALL	2-WAY	F	0.312	N/A	0.450	N/A
6	SUMMER	2-WAY	G	0.262	0.300	0.322	0.369
7	FALL	N/A	P	0.556	0.650	0.317	0.370
8	SPRING	N/A	E	N/A	N/A	N/A	N/A
9	FALL	N/A	F	0.683	0.700	0.117	0.120
10	FALL	N/A	G	0.371	0.250	0.076	0.052
12	SUMMER	N/A	E	0.186	0.100	0.109	0.059
13	SUMMER	N/A	G	0.168	0.200	0.098	0.117
14	SUMMER	N/A	G	0.411	0.350	0.262	0.223
15	SPRING	2-WAY	G	0.300	0.200	0.158	0.105
16	SUMMER	2-WAY	F	0.343	0.400	0.160	0.187
1?	SUMMER	1-WAY	G	0.144	0.200	0.111	0.155
18	SPRING	1-WAY	F	1.627	0.650	0.965	0.386
19	SUMMER	1 -WAY	G	0.393	0.350	0.234	0.208
20	SUMMER	1 -WAY	E	0.212	0.225	0.164	0.174
22	N/A	1-WAY	F	0.487	0.400	0.304	0.250
23	FALL	N/A	F	0.329	0.400	0.215	0.261
24	SUMMER	N/A	E	0.117	0.100	0.104	0.088
25	SUMMER	N/A	E	0.333	0.225	0.181	0.122
26	SUMMER	N/A	E	0.060	0.000	0.050	0.000
27	SPRING	N/A	F	0.795	0.550	0.377	0.261
28	FALL	N/A	E	0.308	0.200	0.157	0.157
29	SPRING	N/A	F	0.317	0.350	0.544	0.600
30	SUMMER	N/A	P	1.664	1.300	0.843	0.658
31	SUMMER	N/A	F	0.200	0.250	0.258	0.323
32	SUMMER	N/A	G	1.038	0.200	0.842	0.162
33	FALL	N/A	F	0.232	0.300	0.188	0.243
34	FALL	N/A	G	0.183	0.275	0.134	0.202
35	SUMMER	NONE	E	0.036	0.000	0.026	0.000

N/A = Data not available

Table 8. Project Core Test Data (C1-C5) - Mix Composition - All Courses

SITE	LAYER	SR	t41X TYPE	ASPHALT CONTENT, % JMF	AVG	SD	CI	PASSING 1/2 inch JMF	AVG	SD	CI	PASSING # 8 JMF	AVG	SD	CI	PASSING # 200 JMF	AVG	SD	CI
1	1	80	ID2W	6.2	5.7	0.134	-0.475	100	100.0	0.000	0.000	47	48,2	1.924	2.098	5.5	6.5	0.207	0,978
1	2	80	ID2B	4,6	4,1	0.279	-0.523	69	69.6	4.980	4.494	25	25.2	2.168	1.949	4.5	4.9	0.498	0.626
1	3	80	BCBC	3.3	3,3	0.321	0.535	---	---	---	---	---	26.7	1,155	1.915	---	---	---	----
2	1	279	ID2W	6.4	6.3	0.152	-0.195	100	100.0	0.000	0.000	43	45.4	3.782	4.147	5.0	4.7	0.687	-0,693
2	2	279	ID2B	4.2	5.0	0.367	-0.865	57	77.6	3.362	20,818	27	33.6	1.949	6.826	5.0	4.1	0,297	0.977
3	1	279	ID2W	7.2	6.7	0.130	-0.494	100	100.0	0.000	0.000	48	49.8	2.168	2.646	4.0	4.7	0.192	0.701
3	2	279	ID2B	5.0	4.9	0.427	-0.390	69	76.6	6.580	11.261	30	29,6	2.702	-2.449	4.0	4.1	0.327	0.303
4	1	279	ID2W	6,7	5.8	0.192	-0.897	100	100.0	0,000	0.000	43	43.2	3,962	3.550	4.0	6.0	0.518	2.092
4	2	279	ID2B	5.0	4.3	0,404	-0.823	67	66.4	16.426	-14.704	30	30,8	7,259	6.542	4.0	5.5	0.896	1.666
5	1	30	ID2W	6.5	6.3	0.148	-0.224	100	100.0	0.000	0.000	42	42.8	1,095	1,265	5.0	6.9	0.587	1.971
5	2	30	ID2B	4.8	4.9	0.303	0.297	64	70.6	3.362	7.253	25	28.4	1.817	3.768	4.0	5.1	0.383	1.171
6	1	30	ID2W	6.5	6.4	0.209	-0.241	100	100.0	0.000	0.000	43	39.4	1.517	-2,933	5,0	6,5	0.336	1.491
6	2	30	ID2B	4,6	4,6	0.287	0.250	62	76,0	13,565	18.276	25	28.5	5.568	5.958	4.4	501	0.602	0.893
6	3	30	L-ID2W	---	7.6	---	---	---	100.0	---	---	---	61.8	---	---	---	7,0	---	---
7	1	70	ID2W	5.9	6.0	0,277	0.261	100	100.0	0.000	0.000	44	41.0	1.581	-3,317	5.0	6,0	0.455	1.098
7	2	70	ID2B	4.5	6.0	---	---	63	76.7	---	---	25	35.4	---	---	4.0	6.5	---	---
7	3	70	L-ID2W	---	7,4	---	---	---	100.0	---	----	---	45.2	---	---	---	3.5	---	---
8	1	76	ID2W	6.5	6.1	0,045	-0.422	100	100.0	0.000	0,000	45	43.0	1,000	-2.191	5.0	6.3	0.316	1.330
8	2	76	L	---	7.3	---	---	---	100.0	---	---	---	56,5	---	---	---	13.5	---	---
8	3	76	ID2B	---	4.6	0.349	---	---	73,4	5.273	---	---	30.8	3.347	---	---	5.0	0.522	---
8	4	76	FJ	---	6.5	---	---	---	100.0	---	---	---	68,3	---	---	---	11.7	---	---

"---" Data Not Available

Table 8. (Cent) Project Core Test Data (C1-C5) - Mix Composition - All Courses

SITE	LAYER	SR	MIX TYPE	ASPHALT CONTENT, % JMF	AVG	SD	CI	PASSING 1/2 inch JMF	AVG	SD	CI	PASSING # 8 JMF	AVG	SD	CI	PASSING # 200 JMF	AVG	SD	CI
9	1	70/76	ID2W	8.8	8.0	0.297	-0.833	100	100.0	0.000	0.000	45	45,0	2,345	2.098	3.0	5.2	0.540	2.233
9	2	70/76	ID2B	---	4.8	0.303	---	---	69.6	3.362	---	---	28.2	1.304	---	---	5.3	0.998	---
9	3	70/76	ID2W	---	5.7	---	---	---	100.0	---	---	---	49.7	---	---	---	9.5	---	---
10	1	70/76	ID2W	6.9	6,2	0.192	-0.701	100	100.0	0.000	0.000	45	45,2	1,924	1.732	4.5	6.8	0,687	2,361
10	2	70/76	ID2B	---	4.3	0.207	---	---	76.6	13.297	---	---	33.8	5.541	---	---	5.1	0.620	---
11	1	90	ID2W	7,2	6.8	0.297	-0.447	100	100.0	0,000	0.000	50	42,8	2,588	-7.563	4.0	6,4	0,764	2,534
11	2	90	BCBC	4.6	4.5	0.217	---	66	81.0	3.391	---	28	30.4	3.050	---	---	6.4	0.385	---
11	3	90	BCBC	4,6	3.9	0,377	0.000	66	77.8	1.789	---	28	29.2	2.490	---	---	6.4	0,863	---
12	1	81	ID2W	6.6	6,3	0.182	-0.377	100	100.0	0.000	0.000	48	52.2	3.033	5.000	4.5	5.4	0.592	1.044
12	2	81	BCBC	4.7	4.8	0.421	0.385	61	64.8	4.764	5.710	30	33.8	3.271	4.796	5,0	5.4	0.400	0.537
12	3	61	L-ID2B	---	6.6	---	---	---	100.0	---	---	---	44.0	---	---	---	6.2	---	---
13	1	81	ID2W	6.6	6.1	0,207	-0.496	100	100,0	0.000	0.000	48	51.0	3.162	4.123	4.5	6.1	0.329	1.666
13	2	81	ID2B	4.7	4.6	0.332	-0.313	61	61.8	7,887	7.099	30	32.4	2.702	3.406	5.0	5.7	0.563	0,846
13	3	81	ID2B	---	4.4	---	---	---	58.4	---	---	---	26.8	---	---	---	4.2	---	---
13	4	81	ID2 W	---	6.5	---	---	---	100.0	---	---	---	46,3	---	---	---	7.5	---	---
14	1	81	ID2W	6.6	6.4	0.122	-0.228	100	100.0	0.000	0,000	45	47,0	2.915	3.286	5.0	6.7	0.804	1.828
14	2	81	ID2B	5.2	5.0	0.230	-0.261	65	66.6	3.578	3.578	30	30.0	2.345	2.098	4.0	5.2	0.838	1.449
14	3	81	ID2W	---	---	---	---	---	100.0	---	----	---	43.0	---	---	---	3.4	---	---
14	4	81	ID2W	---	---	---	---	---	100.0	---	---	---	44,4	---	---	---	4.7	---	---
14	5	81	ID2B	---	3.6	0.306	---	---	---	---	---	---	---	---	---	---	---	---	---
15	1	78	ID2W	6.4	6.3	0.270	-0.279	100	100.0	0.000	0.000	45	47.0	2.345	2.898	5.0	6.5	0,691	1.660
15	2	78	ID2B	4.3	3.9	0.487	-0.605	63	60.8	9.576	-8.843	30	27.8	4.658	-4.712	4.0	5.9	0.826	2.076

"---" Data Not Available

Table 8, (Cent) Project Core Test Data (C1-C5) - Mix Composition - All Courses

			MIX	ASPHALT CONTENT, %				PASSING 1/2 inch				PASSING # 8				PASSING # 200			
SITE	LAYER	SR	TYPE	JMF	AVG	SD	CI	JMF	AVG	SD	CI	JMF	AVG	SD	CI	JMF	AVG	SD	CI
16	1	78	ID2W	6.4	5.9	0,164	-0.502	100	100.0	0.000	0.000	45	46,8	2.049	2.569	5.0	7.5	0.451	2.572
16	2	78	ID2B	4.5	4.2	0.356	-0,424	61	72.0	3.536	5.916	28	30.8	3.899	4,472	5.0	5,8	0.907	1.153
17	1	81	ID2W	6.2	5.8	0.114	-0.452	100	100.0	0.000	0.000	48	48.6	1.673	1.612	4.0	5.1	0.100	1.104
17	2	81	ID2B	4.5	4.1	0.635	-0.672	55	63.2	10.37B	12.385	30	31.0	4.416	4,074	4.0	4.5	0.434	0.665
18	1	81	ID2W	5.7	5.5	0.230	-0.316	100	100.0	0.000	0.000	42	42.8	1.789	1.789	5.0	5.9	0.667	1.113
18	2	81	ID2B	4.5	4.6	0.219	0.205	60	72.8	2.387	12.977	29	30.6	1.342	2.000	4.0	5.2	0.719	1.344
18	3	81	BCBC	---	4.5	---	---	---	68.0	---	---	---	35.8	---	---	---	8,4	---	---
19	1	222	ID2W	6.2	5.9	0.250	---	100	100.0	0.000	0.000	45	44.8	1.643	-1.483	5.0	6,8	0.311	1.802
19	2	222	ID2W	6,2	6,1	0.164	---	---	100.0	0.000	---	---	60,6	4.159	16.04	5.0	7,7	0.647	2.722
19	3	222	ID2B	---	4.2	0.356	---	---	62.0	9.028	---	---	25.8	3.701	---	---	4.0	1.496	---
20	1	222	ID2W	6.6	6.5	0,230	-0,249	100	100.0	0.000	0.000	45	46.6	1.517	2,098	5,0	6,7	0.416	1.779
20	2	222	ID2B	4.5	4.1	0.415	-0.531	56	55.8	9.039	-8.087	25	24.0	2.236	-2.236	4.0	3.5	0.568	-0.686
20	3	222	L-ID2B	---	6.2	---	---	---	100.0	---	---	---	46.6	---	---	---	5.6	---	---
22	1	76	ID2W	5.7	5.6	0.255	-0,249	100	100.0	0.000	0.000	43	43.4	1.140	1.095	5.2	7.1	0.677	2.032
22	2	76	---	4.5	4.4	0.130	-0.141	63	73.0	3.674	10,526	26	24.8	2.683	-2.683	4.0	4.6	0.462	0.762
22	3	76	ID2W	---	5.4	0.265	---	---	100.0	0.000	---	---	45.0	1.225	---	---	5,8	0,602	---
23	1	76	ID2W	5.8	5.6	0.288	-0.293	100	100.0	0.000	0.000	43	47,4	0,548	4.427	5.2	5.2	0.497	0.445
23	2	76	ID2B	4.5	4.4	0.365	-0.355	63	75.0	8,124	14.893	26	27.4	4.159	3.975	4.0	4.9	1.408	1.572
23	3	76	1D2B	4.5	4.4	0,299	-0.287	63	72.0	4.967	10,886	26	26.8	3.594	3,202	4.0	4,6	0.377	0.705
24	1	76	ID2W	6,0	5.6	0.100	-0,134	100	100.0	0,000	0,000	43	48,2	2,588	5.692	4.5	6.9	0.503	1.797
24	2	76	ID2B	4.1	3.8	0.688	-0.902	57	59.4	9,154	8.591	30	32,4	3.912	7.294	4.0	5.4	0.559	1.505
24	3	76	ID2B	4.1	3.6	0.403	-0.942	57	54.0	5,292	-9,220	30	30.8	2,754	5.315	4,0	5.8	0,768	1.895

"---" Data Not Available

Table 8. (Cent) Project Core Test Data (C1-C5) - Mix Composition - All Courses

SITE	LAYER	SR	MIX TYPE	ASPHALT CONTENT, % JMF	AVG	SD	CI	PASSING 1/2 inch JMF	AVG	SD	CI	PASSING # 8 JMF	AVC	SD	CI	PASSING # 200 JMF	AVG	SD	CI
25	1	11	ID2W	---	6.0	0.279	---	---	100.0	0.000	---	---	42.6	2.191	---	---	5.4	1.016	---
25	2	11	SP B	4.0	3.7	0.548	---	42	46.2	8.701	---	19	20.2	3.564	---	2.5	3.4	0.179	---
26	1	83	ID2W	6.1	5.7	0.148	-0.440	100	100.0	0,000	0.000	40	41.6	1.673	2.191	4.5	5.6	0.378	1,113
26	2	83	ID2B	4.2	4.3	0,370	0.341	55	69.0	6.000	14.993	28	28.8	3.493	3,225	4.0	5.6	0.904	1,811
27	1	83	ID2W	6.0	5.6	0.217	-0.210	100	100.0	0.000	0,000	38	37.2	1.483	-1.549	5.0	5.7	0.623	0.926
27	2	83	ID2B	4.5	4.3	0.207	-0.303	62	67,6	5.857	7.668	25	27.4	2.302	3.162	4.0	4.8	1.408	1.515
28	1	22	ID3W	5.2	5.3	0.114	0.190	100	100,0	0,000	0.000	35	36.2	2.280	2.366	5.0	3.8	0.572	-1.323
28	2	22	LEVEL	---	5.2	---	---	---	100.0	---	---	---	40.5	---	---	---	4.4	---	---
28	3	22	ID2W	---	5.9	---	---	---	100.0	---	---	---	40.3	---	---	---	6.5	---	---
28	4	22	ID2B	---	3.9	---	---	---	59.4	---	---	---	27.9	---	---	---	4.4	---	---
29	1	11	ID3W	5.0	4.7	0.356	-0.452	100	100.0	0.000	0.000	37	35.6	2.702	-2.793	5.0	5.1	0,410	0,392
29	2	11	ID2B	4.5	6.7	---	---	63	---	---	---	27	---	---	---	4.0	---	---	---
30	1	11	ID2W	6.4	5.7	0,658	0.000	100	100.0	0,000	0.000	40	41.4	1.140	-1.732	4.0	5.9	1.521	2.304
30	2	11	ID2B	---	5.4	---	---	---	81.0	---	---	---	37.4	---	---	---	5.3	---	---
31	1	220	ID2W	6,3	6.2	0.346	-0.326	100	100.0	0.000	0.000	40	45.4	5.857	7,523	5.0	5.8	1.489	1.575
31	2	220	ID2B	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
31	3	220	LEVEL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
32	1	70	ID2W	6.0	5.6	0.370	-0.504	100	100,0	0,000	0.000	45	46.8	0,837	1.949	5.0	6.8	0,228	1.792
32	2	70	ID2B	3.9	4*5	0.305	0.307	55	63.8	6.340	10,469	30	29.6	0.894	-0.894	4.0	4.3	0,167	0.307

"---" Data Not Available

Table 8. (Cent) Project Core Test Data (C1-C5) - Mix Composition -AllCourses

			MIX	ASPHALT CONTENT, %				PASSING 1/2 inch				PASSING # 8				PASSING # 200			
SITE	LAYER	SR	TYPE	JMF	AVG	SD	CI	JMF	AVG	SD	CI	JMF	AVG	SD	CI	JMF	AVG	SD	CI
33	1	70	ID2W	6.0	5.7	0.114	-0,279	100	100.0	0.000	0.000	45	49.0	1.871	2.504	5.0	7.5	0.522	2,504
33	2	70	ID2B	3.9	4.4	0.554	0.527	55	60.4	6.387	7.861	30	33.0	5,848	5.273	4.0	5.6	0.763	1.758
34	1	70	ID2W	6,3	5.9	0,195	-0,400	100	100.0	0.000	0.000	45	50,0	2,550	5.495	6,0	6.9	1.677	1.770
34	2	70	ID2W	5,6	5.8	0.000	0.000	100	100.0	---	---	45	50.3	---	---	6.0	7.0	---	---
34	3	70	LEVEL	---	6,8	---	---	---	100.0	---	---	---	48.1	---	---	---	7.3	---	---
34	4	70	ID2B	---	5,2	---	---	---	80.2	---	---	---	36.9	---	---	---	4.8	---	---
35	1	80	ID2W	6.1	5.7	0.158	-0.245	100	100.0	0.000	0.000	47	48.0	10012	4.911	5,0	0.6	0.402	-1.234
35	2	80	ID2B	3.9	4,0	0.381	0.690	63	67.6	5.413	6,678	30	30.0	3,317	2,966	4.5	4,9	0.828	0.841
35	3	80	BCBC	---	4.0	0.255	0.460	---	---	---	---	---	32.6	3.782	4.266	---	---	---	---

"---" Data Not Available

Layer 1																	
Average:	6,33	6.00	0.22	-0.34	100.0	100.0	0.00	0.00	43.85	44,0'7	2.11	1.68	4.77	5.91	0.59	1.36
Std Deviation:	0.631	0.541	0.109	0.235	0.000	0.000	0.000	0.000	3.286	6.508	1.024	3.097	0.546	1.247	0.357	0,963
Layer 2																	
Average:	4,57	4.75	0.34	-0.18	62.11	72.55	6.63	7.26	28.26	32,60	3,35	3.12	4.26	5.46	0.65	1.12
Std Deviation:	0,495	0.807	0.149	0.463	9.211	12.724	3.714	8.324	4.204	8.485	1.500	4.151	0.613	1.698	0.310	0.694

Table 9. Project Core Test Data (C1-C5)
Thickness, Voids and Abson Recovery - All Courses

SITE	LAYER	SR	MIX TYPE	LAYER THICKNESS AVG	LAYER THICKNESS SD	% VOIDS AVG	% VOIDS SD	% VOIDS MIN	RECOVERED ASPHALT PEN (0.1mm) (77F)	RECOVERED ASPHALT VISC (Poises) (140F)
1	1	80	ID2W	2.4050	0.015	3.96	0.754	3.20	27	12782
1	2	80	ID2B	2.4550	0.025	5.20	1.241	3.80	33	8376
1	3	80	BCBC	---	---	8.70	1.072	8.20	---	---
2	1	279	ID2W	1.5630	0.117	1.91	0.296	1.51	39	13475
2	2	279	ID2B	2.3130	0.212	1,46	0.251	1.10	45	7273
3	1	279	ID2W	1.4500	0.082	1.44	0.404	1.00	46	5678
3	2	279	ID2B	2.6570	0.231	2.38	1.054	1060	45	5799
4	1	279	ID2W	1.5880	0.144	2.40	0.361	1.90	35	9728
4	2	279	ID2B	2.8130	0.348	1.54	0.428	0.90	---	---
5	1	30	ID2W	1.4500	0.230	3.12	0.563	2.50	54	5571
5	2	30	ID2B	2.7250	0.220	1.82	0.740	1.10	64	3974
6	1	30	ID2W	1.4500	0.142	2.96	1.494	1.20	38	19498
6	2	30	ID2B	2.8130	0.125	3053	1.401	2.30	71	12373
6	3	30	L-ID2W	---	---	---	---	---	---	---
7	1	70	ID2W	2.3390	0.010	2.52	0.549	1.90	45	65'77
7	2	70	ID2B	---	---	---	---	---	35	10673
7	3	70	L-ID2W	---	---	---	---	---	---	---
8	1	76	ID2W	1.4750	0.050	0.92	0.256	0.50	51	7869
8	2	76	L	---	---	---	---	---	---	---
8	3	76	ID2B	2.0250	0.140	1.00	0.228	0.70	31	25206
8	4	76	FJ	---	---	---	---	---	---	---
9	1	7-0/76	ID2W	0.8000	0.400	1.92	00444	1.20	40	10607
9	2	70/76	ID2B	1.8000	0.190	1.98	00303	1070	44	8215
9	3	70/76	ID2W	---	---	---	---	---	---	---
10	1	70/76	ID2W	0.9875	0.160	0.61	0.503	0.04	44	7921
10	2	70/76	ID2B	2.4625	0.540	3.98	1.252	2.70	36	15388
11	1	90	ID2W	1.3125	0.153	-0.28	0.726	-1.00	46	5573
11	2	90	BCBC	3,9625	0.912	3.74	1.977	2.00	20	24867
11	3	90	BCBC	4.6000	0.596	6.70	0.608	6000	---	---

"---" Data Not Available

Table 9. (Cent) Project Core Test Data (C1-C5)
Thickness, Voids and Abson Recovery - All Courses

SITE	LAYER	SR	MIX TYPE	LAYER THICKNESS AVG	LAYER THICKNESS SD	% VOIDS AVG	% VOIDS SD	% VOIDS MIN	RECOVERED ASPHALT PEN (0.1mm) (77F)	RECOVERED ASPHALT VISC (Poises) (140F)
12	1	81	ID2W	104375	0.088	4.92	10501	2.80	31	15253
12	2	81	BCBC	5.1250	1.180	1.98	0.729	1.00	58	3705
12	3	81	L-ID2B	---	---	---	---	---	---	---
12	4	81	---	---	---	---	---	---	---	---
13	1	81	ID2W	1.1375	0.156	2.44	0.422	1.90	47	9493
13	2	81	ID2B	6.4000	0.978	0.18	1.156	-1.10	65	3977
13	3	81	ID2B	---	---	---	---	---	---	---
13	4	81	ID2W	---	---	---	---	---	---	---
14	1	81	ID2W	1.4000	0.137	2.28	0.694	1030	46	9440
14	2	81	ID2B	4.2500	0.500	4.04	1.426	3.00	47	7356
14	3	81	ID2W	---	---	---	---	---	---	---
14	4	81	ID2W	---	---	---	---	---	---	---
14	5	78	ID2B	4.5	00500	4.10	1.217	3030	---	---
15	1	78	ID2W	1.4125	0.105	2.98	0.963	1.80	57	5105
15	2	78	ID2B	1.4625	0.240	3.74	1.278	2010	54	5613
16	1	78	ID2W	1.3125	0.342	3*94	0.688	3.10	40	8858
16	2	78	ID2B	1.4375	0.250	3.88	1.879	2.60	49	5709
17	1	81	ID2W	1.3625	0.284	3.14	0.709	2.10	41	15623
17	2	81	ID2B	1.9375	0.225	4.00	1.500	2.20	54	6248
18	1	81	ID2W	1.5250	0.137	2.32	0.589	1.70	48	5856
18	2	81	ID2B	2.6500	0.137	1.70	0.412	1.40	49	5855
18	3	81	BCBC	---	---	---	---	---	---	---
19	1	222	ID2W	---	---	4.28	1.542	2.70	25	18664
19	2	222	ID2W	1.5250	0.056	3.64	0.805	2.70	---	---
19	3	222	ID2B	2.0000	0.088	4.56	2.721	1.90	23	22032
20	1	222	ID2W	---	---	2.72	0.356	2.40	37	11262
20	2	222	ID2B	---	---	2.10	1.321	0.80	48	6000
20	3	222	L-ID2B	---	---	---	---	---	---	---
22	1	76	ID2W	0.9875	0.143	3.06	0.699	2.20	31	17964"
22	2	76	---	2,4375	0.212	1.44	0.559	0.50	68	4007
22	3	76	ID2W	---	---	---	---	---	---	---

"---" Data Not Available