

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5" (SHOULDER TREATMENT IN CASS COUNTY)								
LOCATION (CASS COUNTY)			LENGTH (FOOT)	WIDTH AVERAGE (FOOT)	AREA (SQ YD)	1.5" HMA SURF. CRSE. (TON)	AGG PRIME COAT (TON)	BIT MATERIALS PRIME COAT (TON)
LEFT SHOULDER								
1078+70	-	1082+10	340	10	378	32	0.76	0.14
1083+00	-	1087+00	400	10	445	37	0.89	0.17
1087+75	-	1096+50	875	10	972	82	1.94	0.37
1096+50	-	1099+98.54	348.54	AREA BY CADD	242	21	0.48	0.09
STA. EQUATION: 1099+98.54 (BK) = 18+36.74 (AHD)								
18+36.74	-	24+30	593.26	1.5	99	9	0.20	0.04
SUB TOTALS =						178	4.27	0.81
RIGHT SHOULDER								
1078+70	-	1081+85	315	10	350	30	0.70	0.13
1082+50	-	1086+65	415	10	461	39	0.92	0.17
1088+00	-	1096+88	888	10	987	83	1.97	0.38
1096+88	-	1099+98.54	310.54	AREA BY CADD	213	18	0.43	0.08
STA. EQUATION: 1099+98.54 (BK) = 18+36.74 (AHD)								
18+36.74	-	24+27	590.26	1.5	99	9	0.20	0.04
SUB TOTALS =						176	4.22	0.80
GRAND TOTALS =						360 TONS	8.49 TONS	1.61 TONS

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5" (SHOULDER TREATMENT IN PLEASANT PLAINS)								
LOCATION (SANGAMON COUNTY)			LENGTH (FOOT)	WIDTH AVERAGE (FOOT)	AREA (SQ YD)	1.5" HMA SURF. CRSE. (TON)	AGG PRIME COAT (TON)	BIT MATERIALS PRIME COAT (TON)
LEFT SHOULDER								
213+84.91	-	222+52.93	868.02	4.0	386	32.4	0.8	0.15
222+52.93	-	225+00.00	247.07	8.8	242	20.3	0.5	0.09
225+00.00	-	230+00.00	500.00	9.6	528	44.4	1.1	0.20
230+00.00	-	235+00.00	500.00	9.6	533	44.8	1.1	0.20
235+00.00	-	240+00.00	500.00	9.2	513	43.1	1.0	0.19
240+00.00	-	245+00.00	500.00	9.3	515	43.3	1.0	0.19
245+00.00	-	250+00.00	500.00	9.7	537	45.1	1.1	0.20
250+00.00	-	255+00.00	500.00	9.7	541	45.4	1.1	0.21
255+00.00	-	260+00.00	500.00	9.6	536	45.0	1.1	0.20
260+00.00	-	265+00.00	500.00	9.6	535	44.9	1.1	0.20
265+00.00	-	270+00.00	500.00	9.3	518	43.5	1.0	0.20
270+00.00	-	275+00.00	500.00	9.3	518	43.5	1.0	0.20
275+00.00	-	276+50.00	150.00	9.3	155	13.0	0.3	0.06
SUB TOTALS =			6,265.09		6,057	508.8	12.2	2.30
RIGHT SHOULDER								
213+84.91	-	223+90.00	1,005.09	4.0	447	37.5	0.9	0.17
223+90.00	-	225+00.00	110.00	10.2	125	10.5	0.3	0.05
225+00.00	-	230+00.00	500.00	9.9	550	46.2	1.1	0.21
230+00.00	-	235+00.00	500.00	9.8	545	45.8	1.1	0.21
235+00.00	-	240+00.00	500.00	9.5	528	44.4	1.1	0.20
240+00.00	-	245+00.00	500.00	9.5	528	44.4	1.1	0.20
245+00.00	-	250+00.00	500.00	9.9	550	46.2	1.1	0.21
250+00.00	-	255+00.00	500.00	9.9	550	46.2	1.1	0.21
255+00.00	-	260+00.00	500.00	9.7	539	45.3	1.1	0.20
260+00.00	-	265+00.00	500.00	10.3	573	48.1	1.2	0.22
265+00.00	-	269+67.12	467.12	9.4	523	43.9	1.0	0.20
269+67.12	-	275+00.00	532.88	4.0	237	19.9	0.5	0.09
275+00.00	-	276+50.00	150.00	4.0	67	5.6	0.1	0.02
SUB TOTALS =			6,265.09		5,762	484.0	11.7	2.19
GRAND TOTALS =						993 TONS	23.9 TONS	4.49 TONS

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5" FOR MAINLINE							
LOCATION IL 125		PAVEMENT SECTION WIDTH (FOOT)	AREA (SQ YD)	HMA SURFACE COURSE, MIX "D", N70 (1.5" DEPTH) (TON)	AGGREGATE (PRIME COAT) (TON)	BITUMINOUS MATERIALS (PRIME COAT) (TON)	
CASS COUNTY							
1078+70.00	-	1100+00.00	24	5,680	477	11.4	2.16
18+36.74	-	24+57.24	24	1,655	139	3.3	0.63
SUB-TOTALS				7,335	616	14.7	2.79
SANGAMON COUNTY							
24+57.24	-	152+50.00	24	34,114	2,866	68.3	13.00
24+57.24 W.B.	-	152+50.00 W.B.	1.5	2,132	179.1	4.3	0.8
24+57.24 E.B.	-	152+50.00 E.B.	1.5	2,132	179.1	4.3	0.8
152+50.00 W.B.	-	154+40.00 W.B.	13.0	190	16.0	0.4	0.07
154+40.00 W.B.	-	158+90.00 W.B.	13.0 TO 18.0	775	65.2	1.6	0.29
158+90.00 W.B.	-	165+21.35 W.B.	18.0	1,263	103.8	2.5	0.48
165+21.35 W.B.	-	167+71.11 W.B.	18.0 TO 13.0	430	36.1	0.9	0.16
167+71.11 W.B.	-	169+21.11 W.B.	13.0	217	18.2	0.4	0.08
152+50.00 E.B.	-	154+00.00 E.B.	13.0	217	18.2	0.4	0.08
154+00.00 E.B.	-	156+50.00 E.B.	13.0 TO 18.0	431	36.2	0.9	0.16
156+50.00 E.B.	-	163+13.00 E.B.	18.0	1,324	111.2	2.6	0.50
163+13.00 E.B.	-	167+41.11 E.B.	18.0 TO 13.0	737	61.9	1.5	0.28
167+41.11 E.B.	-	169+21.11 E.B.	13.0	260	21.8	0.5	0.10
169+21.11	-	213+85.13	27.0	13,392	1,124.9	26.8	5.09
213+85.13	-	223+90.00	24.0	2,680	225.1	5.4	1.02
223+90.00	-	272+58.90	24.0	12,984	1,090.7	26.0	4.93
272+58.90	-	273+30.00	24.0	178	15.0	0.4	0.07
273+30.00	-	276+50.00	24.0	853	71.7	1.7	0.32
SUB-TOTALS				74,309	6,241.9	148.8	28.22
IL RTE. 123							
AREA COMPUTED BY CADD		VARIES	1,347	113.2	2.7	0.51	
T.R. 22 (YANKEE TOWN RD.)							
AREA COMPUTED BY CADD		VARIES	628	52.8	1.3	0.24	
GRAND TOTALS =				83,619 SQ YD	7,024 TONS	167 TONS	32 TONS

LEVELING BINDER (MACHINE METHOD), N70						
LOCATION (SANGAMON COUNTY)		RDWY. WIDTH (FOOT)	LENGTH OF RUN (FOOT)	AREA (SQ YD)	LEVELING BINDER (MACHINE METHOD), N70 (1.0" DEPTH) (TON)	
IL RTE. 125						
152+50.00	-	169+21.11	VARIES	1,671	5,845	328
IL RTE. 123						
246+64.30	-	248+90.11	VARIES	AREA BY CADD	1,347	75
T.R. 22						
8+01.96	-	9+81.39	VARIES	AREA BY CADD	628	36
GRAND TOTALS = 439 TONS						