

HOT-MIX ASPHALT CALCULATIONS (CONTD)

STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	HMA LB THICKNESS (INCHES)	HMA SC THICKNESS (INCHES)	HMA BC THICKNESS (INCHES)	40600855 P LEV BIND MM N 105 (TONS)	40603550 P HMA SC MIX "D" N105 (TONS)	P HMA BC IL 19.0, FG N105 (TONS)	40603245 P HMA BC IL 19.0 N105 (TONS)	40600100 BIT MATLS PR CT (GAL)	40600300 AGG PR CT (TONS)	X0322729 MATERIAL TRANSFER DEVICE (TON)
I-57 MAINLINE (CHAMPAIGN)															
DL SB	848+62.49	DL SB	881+68.05	13	4774.7			3.25			869.0		477.5	9.5	869.0
PL/DL SB	848+62.49	PL/DL SB	881+68.05	24	8814.8		1.75			863.9			881.5	17.6	863.9
DL NB	848+62.49	DL NB	881+68.05	13	4774.7			3.25			869.0		477.5	9.5	869.0
PL/DL NB	848+62.49	PL/DL NB	881+68.05	24	8814.8		1.75			863.9			881.5	17.6	863.9
DL SB	881+68.75	DL SB	927+43.92	13	6608.6			3.25				1202.8	660.9	13.2	1202.8
PL/DL SB	881+68.75	PL/DL SB	927+43.92	24	12200.5		1.75			1195.6			1220.0	24.4	1195.6
DL NB	881+68.75	DL NB	927+43.92	13	6608.6			3.25				1202.8	660.9	13.2	1202.8
PL/DL NB	881+68.75	PL/DL NB	927+43.92	24	12200.5		1.75			1195.6			1220.0	24.4	1195.6
DL SB	927+43.92	DL SB	937+82.50	13	1500.2			3.25				273.0	150.0	3.0	273.0
PL/DL SB	927+43.92	PL/DL SB	937+82.50	24	2769.5		1.75			271.4			277.0	5.5	271.4
DL NB	927+43.92	DL NB	937+82.50	13	1500.2			3.25				273.0	150.0	3.0	273.0
PL/DL NB	927+43.92	PL/DL NB	937+82.50	24	2947.2		1.75			288.8			294.7	5.9	288.8
DL SB	942+18.30	DL SB	945+52.78	13	334.5			3.25				87.9	48.3	1.0	87.9
PL/DL SB	942+18.30	PL/DL SB	945+52.78	24	891.9		1.75			87.4			89.2	1.8	87.4
DL NB	942+18.30	DL NB	945+52.78	13	392.6			3.25				71.4	39.3	0.8	71.4
PL/DL NB	942+18.30	PL/DL NB	945+52.78	24	711.4		1.75			69.7			71.1	1.4	69.7
* DL SB	104+50.00	DL SB	117+91.34	13	1937.5		1.5	3.25		150.2		352.6	193.7	3.9	502.9
PL SB	104+50.00	PL SB	117+91.34	12	1788.5		1.5	2.25		150.2		225.3	178.8	3.6	375.6
* DL NB	104+50.00	DL NB	117+83.61	13	1926.3		1.5	3.25		149.4		350.6	149.4	3.9	500.0
PL NB	104+50.00	PL NB	117+83.61	12	1778.1		1.5	2.25		149.4		224.0	177.8	3.6	373.4
* DL SB	119+13.10	DL SB	169+44.19	13	7267.1		1.5	3.25		563.5		1322.6	726.7	14.5	1886.1
PL SB	119+13.10	PL SB	169+44.19	12	6708.1		1.5	2.25		563.5		845.2	670.8	13.4	1408.7
* DL NB	119+05.37	DL NB	167+50.79	13	6998.9		1.5	3.25		542.7		1273.8	699.9	14.0	1816.5
PL NB	119+05.37	PL NB	168+50.79	12	6593.9		1.5	2.25		553.9		830.8	659.4	13.2	1384.7
* DL SB	172+19.19	DL SB	185+30.87	13	1894.6		1.5	3.25		148.9		344.8	189.5	3.8	491.7
PL SB	172+19.19	PL SB	185+30.87	12	1748.9		1.5	2.25		146.9		220.4	174.9	3.5	367.3
* DL NB	171+25.79	DL NB	185+30.87	13	2029.6		1.5	3.25		157.4		369.4	203.0	4.1	526.7
PL NB	171+25.79	PL NB	185+30.87	12	1873.4		1.5	2.25		157.4		236.1	187.3	3.7	393.4
* DL SB	185+30.87	DL SB	230+69.79	13	6556.2		1.5	3.25		508.4		1193.2	655.6	13.1	1701.6
PL SB	185+30.87	PL SB	230+69.79	12	6051.9		1.5	2.25		508.4		762.5	605.2	12.1	1270.9
* DL NB	185+30.87	DL NB	230+69.79	13	6556.2		1.5	3.25		508.4		1193.2	655.6	13.1	1701.6
PL NB	185+30.87	PL NB	230+69.79	12	6051.9		1.5	2.25		508.4		762.5	605.2	12.1	1270.9
* DL SB	230+69.79	DL SB	257+43.32	13	3861.8		1.5	3.25		299.4		702.8	386.2	7.7	1002.3
PL SB	230+69.79	PL SB	257+43.32	12	3564.7		1.5	2.25		299.4		449.2	356.5	7.1	748.6
* DL NB	230+69.79	DL NB	257+43.32	13	3861.8		1.5	3.25		299.4		702.8	386.2	7.7	1002.3
PL NB	230+69.79	PL NB	257+43.32	12	3564.7		1.5	2.25		299.4		449.2	356.5	7.1	748.6
* DL SB	280+18.32	DL SB	350+00.00	13	12973.5		1.5	3.25		1005.9		2361.2	1297.4	25.9	3367.1
PL SB	280+18.32	PL SB	350+00.00	12	11975.6		1.5	2.25		1005.9		1508.9	1197.6	24.0	2514.9
* DL NB	280+18.32	DL NB	284+74.00	13	3547.1		1.5	3.25		275.0		645.6	354.7	7.1	920.6
PL NB	280+18.32	PL NB	284+74.00	12	3274.2		1.5	2.25		275.0		412.6	327.4	6.5	687.6
* DL NB	284+74.00	DL NB	305+82.00	13	3044.9		1.5	4.00		236.1		682.1	304.5	6.1	918.2
PL NB	284+74.00	PL NB	305+82.00	12	2810.7		1.5	2.25		236.1		354.1	281.1	5.6	590.2
* DL NB	305+82.00	DL NB	312+00.00	13	618.0		1.5	3.25		69.2		162.5	89.3	1.8	231.7
PL NB	305+82.00	PL NB	312+00.00	12	624.0		1.5	2.25		69.2		103.8	82.4	1.6	173.0
PL/DL NB	312+00.00	PL/DL NB	323+95.00	24	3186.7		1.5	4.50		267.7		803.0	318.7	6.4	267.7
PL/DL NB	323+95.00	PL/DL NB	341+95.00	24	4800.0		1.5	2.25		403.2		604.8	480.0	9.6	403.2
PL/DL NB	341+95.00	PL/DL NB	350+00.00	24	2146.7		1.5	2.25		180.3		270.5	214.7	4.3	180.3
SUB-TOTAL =									0.0	15,522.6	1,738.0	23,831.2	20,808.4	416.2	39,413.5

\* DL SURFACE CALCULATED USING 12' LANE WIDTH

(CONTD NEXT SHEET)

• CHAMPAIGN & DOUGLAS

FILE NAME =	USER NAME = shererjm	DESIGNED - JMS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES OF QUANTITIES</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PWIDOT\SHERRERJM\d0134546\0570251-shr-schedules.dgn		DRAWN - N/A	REVISED -		57	(21-28,21-10-29,10-30)RS-1	*	115	24			
PLOT SCALE = 100.0000' / IN.		CHECKED - N/A	REVISED -		CONTRACT NO. 70251							
PLOT DATE = 12/14/2009		DATE - 110509	REVISED -		SCALE: N/A	SHEET NO. 5 OF 16 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			