

HOT-MIX ASPHALT CALCULATIONS

STATION		IQ	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 (DOUGLAS)																	
DL	SB	547+01.25	DL	SB	553+92.12	690.9	13	997.9		3.25			181.6		99.8	2.0	181.6
PL/DL	SB	547+01.25	PL/DL	SB	553+92.12	690.9	24	1842.3		1.75		180.5			184.2	3.7	180.5
DL	NB	547+01.25	DL	NB	553+92.12	690.9	13	997.9		3.25			181.6		99.8	2.0	181.6
PL/DL	NB	547+01.25	PL/DL	NB	553+92.12	690.9	24	1842.3		1.75		180.5			184.2	3.7	180.5
DL	NB	320+10.98	DL	EB	327+03.10	692.1	VAR	932.8		3.25			169.8		93.3	1.9	169.8
DL	SB	556+91.12	DL	SB	560+95.93	404.8	13	584.7		3.25			106.4		58.5	1.2	106.4
PL/DL	SB	556+91.12	PL/DL	SB	560+95.93	404.8	24	1079.5		1.75		105.8			107.9	2.2	105.8
DL	NB	556+91.12	DL	NB	560+45.13	354.0	13	511.3		3.25			93.1		51.1	1.0	93.1
PL/DL	NB	556+91.12	PL/DL	NB	560+45.13	354.0	24	944.0		1.75		92.5			94.4	1.9	92.5
DL	SB	563+55.29	DL	SB	575+43.68	1188.4	13	1716.6		3.25			312.4		171.7	3.4	312.4
PL/DL	SB	563+55.29	PL/DL	SB	575+43.68	1188.4	24	3169.0		1.75		310.6			316.9	6.3	310.6
DL	SB	575+43.98	DL	SB	581+22.18	578.2	13	835.2		3.25			152.0		83.5	1.7	152.0
PL/DL	SB	575+43.98	PL/DL	SB	581+22.18	578.2	24	1541.9		1.75		151.1			154.2	3.1	151.1
DL	NB	563+05.65	DL	NB	575+43.68	1238.0	13	1788.3		3.25			325.5		178.8	3.6	325.5
PL/DL	NB	563+05.65	PL/DL	NB	575+43.68	1238.0	24	3301.4		1.75		323.5			330.1	6.6	323.5
DL	NB	575+43.98	DL	NB	580+22.18	478.2	13	690.7		3.25			125.7		69.1	1.4	125.7
PL/DL	NB	575+43.98	PL/DL	NB	580+22.18	478.2	24	1275.2		1.75		125.0			127.5	2.6	125.0
DL	SB	583+97.18	DL	SB	686+68.32	10271.1	13	14836.1		3.25			2700.2		1483.6	29.7	2700.2
PL/DL	SB	583+97.18	PL/DL	SB	686+68.32	10271.1	24	27389.7		1.75		2684.2			2739.0	54.8	2684.2
DL	NB	583+97.18	DL	NB	686+68.32	10271.1	13	14836.1		3.25			2700.2		1483.6	29.7	2700.2
PL/DL	NB	583+97.18	PL/DL	NB	686+68.32	10271.1	24	27389.7		1.75		2684.2			2739.0	54.8	2684.2
DL	SB	689+46.05	DL	SB	736+24.61	4678.6	13	6757.9		3.25			1229.9		675.8	13.5	1229.9
PL/DL	SB	689+46.05	PL/DL	SB	736+24.61	4678.6	24	12476.2		1.75		1222.7			1247.6	25.0	1222.7
DL	SB	736+26.44	DL	SB	791+00.00	5473.6	13	7906.3		3.25			1438.9		790.6	15.8	1438.9
PL/DL	SB	736+26.44	PL/DL	SB	791+00.00	5473.6	24	14596.2		1.75		1430.4			1459.6	29.2	1430.4
DL	SB	791+02.19	DL	SB	791+67.85	65.7	13	94.8		3.25			17.3		9.5	0.2	17.3
PL/DL	SB	791+02.19	PL/DL	SB	791+67.85	65.7	24	175.1		1.75		17.2			17.5	0.4	17.2
DL	NB	689+46.05	DL	NB	736+24.61	4678.6	13	6757.9		3.25			1229.9		675.8	13.5	1229.9
PL/DL	NB	689+46.05	PL/DL	NB	736+24.61	4678.6	24	12476.2		1.75		1222.7			1247.6	25.0	1222.7
DL	NB	736+26.44	DL	NB	791+00.00	5473.6	13	7906.3		3.25			1438.9		790.6	15.8	1438.9
PL/DL	NB	736+26.44	PL/DL	NB	791+00.00	5473.6	24	14596.2		1.75		1430.4			1459.6	29.2	1430.4
DL	NB	791+02.19	DL	NB	791+67.85	65.7	13	94.8		3.25			17.3		9.5	0.2	17.3
PL/DL	NB	791+02.19	PL/DL	NB	791+67.85	65.7	24	175.1		1.75		17.2			17.5	0.4	17.2
DL	SB	794+42.85	DL	SB	843+84.01	4941.2	13	7137.2		3.25			1299.0		713.7	14.3	1299.0
PL/DL	SB	794+42.85	PL/DL	SB	843+84.01	4941.2	24	13176.4		1.75		1291.3			1317.6	26.4	1291.3
DL	SB	843+85.95	DL	SB	848+62.49	476.5	13	688.3		3.25			125.3		68.8	1.4	125.3
PL/DL	SB	843+85.95	PL/DL	SB	848+62.49	476.5	24	1270.8		1.75		124.5			127.1	2.5	124.5
DL	NB	794+42.85	DL	NB	843+84.01	4941.2	13	7137.2		3.25			1299.0		713.7	14.3	1299.0
PL/DL	NB	794+42.85	PL/DL	NB	843+84.01	4941.2	24	13176.4		1.75		1291.3			1317.6	26.4	1291.3
DL	NB	843+85.95	DL	NB	848+62.49	476.5	13	688.3		3.25			125.3		68.8	1.4	125.3
PL/DL	NB	843+85.95	PL/DL	NB	848+62.49	476.5	24	1270.8		1.75		124.5			127.1	2.5	124.5
SUB-TOTAL =											0.0	15,010.1	15,269.2	0.0	23,706.1	474.1	30,279.3

(CONTD NEXT SHEET)

• CHAMPAIGN & DOUGLAS

FILE NAME =	USER NAME = shererjm	DESIGNED - JMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES			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	23			
		CHECKED - N/A	REVISED -		CONTRACT NO. 70251			ILLINOIS FED. AID PROJECT				
		DATE - 11/05/09	REVISED -		SCALE: N/A	SHEET NO. 4 OF 16 SHEETS	STA.	TO STA.				