

HOT-MIX ASPHALT CALCULATIONS

TYPICAL	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	LEVEL BINDER THICKNESS (INCHES)	HMA BC THICKNESS (INCHES)	HMA SC THICKNESS (INCHES)	40600635	40603085	40603340	40600300	40600100
										LEVEL BINDER (MM), N70 (TONS)	HMA BINDER COURSE IL 19.0 N70 (TONS)	HMA SURFACE COURSE MIX "D" N70 (TONS)	AGG. PR. CT. (TON)	BIT. MATLS. PR. CT. (GAL)
1	396+77.00		399+50.00	273.0	24.0	728.0	0.0	0.0	1.5	0.0	0.0	61.2	1.5	72.8
2	399+50.00		401+94.00	244.0	28.0	759.1	0.0	0.0	1.5	0.0	0.0	63.8	1.5	75.9
	405+47.00		408+65.06	318.1	28.0	989.5	0.0	0.0	1.5	0.0	0.0	83.1	2.0	99.0
3	401+94.00		403+47.00	153.0	28.0	476.0	0.0	0.0	1.5	0.0	0.0	40.0	1.0	47.6
4	403+47.00		404+69.00	122.0	28.0	379.6	0.0	0.0	1.5	0.0	0.0	31.9	0.8	38.0
5	404+69.00		405+47.00	78.0	28.0	242.7	0.0	0.0	1.5	0.0	0.0	20.4	0.5	24.3
6	410+89.34	EB	414+78.00	388.7	24.0	1036.4	0.0	0.0	1.5	0.0	0.0	87.1	2.1	103.6
	410+89.34	WB	414+78.00	388.7	14.0	604.6	0.0	0.0	1.5	0.0	0.0	50.8	1.2	60.5
	416+78.00	EB	416+99.00	21.0	24.0	56.0	0.0	0.0	1.5	0.0	0.0	4.7	0.1	5.6
	416+78.00	WB	416+99.00	21.0	14.0	32.7	0.0	0.0	1.5	0.0	0.0	2.7	0.1	3.3
7	414+78.00	EB	416+78.00	200.0	24.0	533.3	0.0	0.0	1.5	0.0	0.0	44.8	1.1	53.3
	414+78.00	WB	416+78.00	200.0	14.0	311.1	0.0	0.0	1.5	0.0	0.0	26.1	0.6	31.1
8	416+99.00	EB	417+92.00	93.0	26.0	268.7	0.0	0.0	1.5	0.0	0.0	22.6	0.5	26.9
	416+99.00	WB	417+92.00	93.0	16.0	165.3	0.0	0.0	1.5	0.0	0.0	13.9	0.3	16.5
	418+47.00	EB	423+48.00	501.0	26.0	1447.3	0.0	0.0	1.5	0.0	0.0	121.6	2.9	144.7
	418+47.00	WB	423+48.00	501.0	16.0	890.7	0.0	0.0	1.5	0.0	0.0	74.8	1.8	89.1
9	417+92.00	EB	418+47.00	55.0	25.0	152.8	0.0	0.0	1.5	0.0	0.0	12.8	0.3	15.3
	417+92.00	WB	418+47.00	55.0	16.0	97.8	0.0	0.0	1.5	0.0	0.0	8.2	0.2	9.8
10	423+48.00	EB	447+82.84	2434.8	26.0	7034.0	0.0	0.0	1.5	0.0	0.0	590.9	14.1	703.4
	423+48.00	WB	447+82.84	2434.8	26.0	7034.0	0.0	0.0	1.5	0.0	0.0	590.9	14.1	703.4
SUBTOTAL =											1952.1	46.5	2323.9	

CONT'D ON NEXT PAGE

*FAU 7052 / FAP 729

FILE NAME =	USER NAME = bucklesjj	DESIGNED - RLA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\PWIDOT\BUCKLESJJ\d0132727\0570315-sht-schedule.dgn	DRAWN - RLA	REVISED -	*					(36X,36X-1,34Z-3)RS-1	VERMILION	58	27	
PLOT SCALE = 40.0000' / IN.	CHECKED - JMS	REVISED -	CONTRACT NO. 70315									
PLOT DATE = 12/7/2009	DATE - 7/2/2009	REVISED -	SCALE:		SHEET NO. 1 OF 8 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				