

TABULATION OF RESURFACING QUANTITIES

LOCATION	TOTAL ROADWAY WIDTH	LENGTH	AREA	HMA SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	HMA SURFACE REMOVAL 3/4 IN	HMA SURFACE REMOVAL VAR. DEPTH	POLY BIT MATERIALS PRIME COAT	AGGREGATE MATERIALS PRIME COAT	POLY LEV BINDER (MM) N 50 0.75 IN	HMA SURFACE COURSE MIX D, N 50	INCIDENTAL HMA SURFACING 2IN	AGGREGATE SHOULDERS TYPE B				GUARDRAIL AGGREGATE EROSION CONTROL			
													LEFT AREA	LEFT SIDE	RIGHT AREA	RIGHT SIDE	LEFT AREA	LEFT SIDE	RIGHT AREA	RIGHT SIDE
	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON
ILL 116 (MAIN LINE)																				
STA 447 + 23 TO 447 + 53	26.00	30.00	86.67	86.67	14.44			0.05	0.26	3.65	7.32		10.00	0.79	10.00	0.79				
STA 447 + 53 TO 472 + 64.60	26.00	2511.60	7255.73			7255.73		3.77	21.77	305.47	612.41		837.20	65.79	837.20	65.79				
STA 0 + 00 TO 11 + 82	26.00	1182.00	3414.67			3414.67		1.78	10.24	143.76	288.21		394.00	30.96	394.00	30.96				
STA 11 + 82 TO 21 + 50	32.00	968.00	3441.78			2796.44	645.33	1.79	10.33	117.45	307.18									
STA 21 + 50 TO 23 + 00	37.50	150.00	625.00			525.00	100.00	0.33	1.88	22.05	55.30									
STA 23 + 00 TO 30 + 18	43.00	718.00	3430.44			2951.78	478.67	1.78	10.29	123.97	301.56									
STA 30 + 18 TO 31 + 50	43.00	132.00	630.67			542.67	88.00	0.33	1.89	22.79	55.44									
STA 31 + 50 TO 37 + 00	37.00	550.00	2261.11			2261.11		1.18	6.78	95.13	190.58		183.33	14.41	183.33	14.41				
STA 37 + 00 TO 39 + 00	31.50	200.00	700.00			700.00		0.36	2.10	29.46	59.03		66.67	5.24	66.67	5.24				
STA 39 + 00 TO 120 + 33.73	26.00	8133.73	23497.44			23497.44		12.22	70.49	989.26	1983.27		2711.24	213.06	2711.24	213.06				
STA 120 + 33.73 TO 126 + 46.23	26.00	612.50	1769.44			1769.44		0.92	5.31	74.50	149.35		204.17	16.04	204.17	16.04				
STA 126 + 46.23 TO 133 + 99.96	26.00	753.73	2177.44			2177.44		1.13	6.53	91.67	183.78		251.24	19.74	251.24	19.74				
STA 133 + 99.96 TO 141 + 71.07	26.00	771.11	2227.65			2227.65		1.16	6.68	93.79	188.02		257.04	20.20	257.04	20.20				
STA 141 + 71.07 TO 143 + 00	26.00	128.93	372.46			372.46		0.19	1.12	15.68	31.44		42.98	3.38	42.98	3.38				
STA 143 + 00 TO 217 + 50	26.00	7450.00	21522.22			21522.22		11.19	64.57	906.11	1816.56		2483.33	195.15	2483.33	195.15				
STA 217 + 50 TO 226 + 30	27.00	880.00	2640.00			2640.00		1.37	7.92	98.56	229.97									
STA 226 + 30 TO 239 + 70	26.00	1340.00	3871.11			3871.11		2.01	11.61	162.98	326.74		446.67	35.10	446.67	35.10				
STA 239 + 70 TO 240 + 20	33.00	50.00	183.33			183.33		0.10	0.55	6.07	16.49						44.33	6.63		
STA 240 + 20 TO 240 + 85	40.00	65.00	288.89			288.89		0.15	0.87	7.89	27.09						64.00	9.57	64.00	9.57
STA 240 + 85 TO 245 + 30	33.00	445.00	1631.67			1631.67		0.85	4.90	53.99	146.75								126.00	18.83
STA 245 + 30 TO 278 + 00	26.00	3270.00	9446.67			9446.67		4.91	28.34	397.71	797.34		1090.00	85.66	1090.00	85.66				
STA 278 + 00 TO 284 + 29.54	37.00	629.54	2588.11			2588.11		1.35	7.76	108.88	218.14		209.85	16.49	209.85	16.49				
STA 284 + 29.54 TO 297 + 10.95	48.00	1281.41	6834.19			6834.19		3.55	20.50	287.41	575.57		427.14	33.57	427.14	33.57				
STA 297 + 10.95 TO 302 + 18.38	38.00	507.43	2142.48			2142.48		1.11	6.43	90.13	180.56		169.14	13.29	169.14	13.29				
STA 302 + 18.38 TO 304 + 81.38	26.00	263.00	759.78			759.78		0.40	2.28	31.99	64.13		87.67	6.89	87.67	6.89				
STA 304 + 81.38 TO 305 + 11.38	26.00	29.98	86.61	86.61	14.44			0.05	0.26	3.65	7.31		9.99	0.79	9.99	0.79				
ILL 97 NORTH																				
STA 311 + 68 TO 311 + 98	26.00	30.00	86.67	86.67	14.44			0.05	0.26	3.65	7.32		10.00	0.79	10.00	0.79				
STA 311 + 98 TO 313 + 00	26.00	102.00	294.67			294.67		0.15	0.88	12.41	24.87		34.00	2.67	34.00	2.67				
STA 313 + 00 TO 317 + 51.78	34.00	451.78	1706.72			1706.72		0.89	5.12	71.81	143.89		150.59	11.83	150.59	11.83				
STA 317 + 51.78 TO 318 + 64.37	42.00	112.59	525.42			525.42		0.27	1.58	22.10	44.27		37.53	2.95	37.53	2.95				
STA 318 + 64.37 TO 319 + 68	158.00	103.63	1819.28			1819.28		0.95	5.46	76.44	152.94		62.42	4.90	62.42	4.90				
ILL 97 SOUTH																				
STA 320 + 16 TO 321 + 69.75	155.00	153.75	2647.92			2647.92		1.38	7.94	111.26	222.80		79.32	6.23	79.32	6.23				
STA 321 + 69.75 TO 328 + 00	42.00	630.25	2941.17			2941.17		1.53	8.82	123.71	247.79		210.08	16.51	210.08	16.51				
STA 328 + 00 TO 333 + 33.20	34.00	533.20	2014.31			2014.31		1.05	6.04	84.76	169.82		177.73	13.97	177.73	13.97				
STA 333 + 33.20 TO 334 + 40	26.00	106.80	308.53			308.53		0.16	0.93	12.99	26.04		35.60	2.80	35.60	2.80				
STA 334 + 40 TO 334 + 70	26.00	30.00	86.67	86.67	14.44			0.05	0.26	3.65	7.32		10.00	0.79	10.00	0.79				
SIDEROADS ALONG IL 116																				
COUNTY RD 16			136.04	58.96	13.89	60.94		0.07	0.41			15.24								
WALKER RD			91.74	40.57	8.00	42.83		0.05	0.28			10.25								
KNOX RD			81.99	45.60	11.11	29.87						9.18								
COUNTY RD 1200			95.80					0.05	0.29			10.73								
N. COAL CREEK RD			212.26	47.57	10.56	158.18		0.11	0.64			23.77								
N. SHORTNESS RD			102.36	47.34	10.00	43.92		0.05	0.31			11.46								
COUNTY ROAD 1300			96.59	46.96	10.00	45.86		0.05	0.29			10.81								
N. HERSHEY RD			108.88					0.06	0.33			12.19								
S. HERSHEY RD			92.49	39.77	8.33	38.25		0.05	0.28			10.36								
N. SNEGLE RD.			64.67			64.67		0.03	0.19			7.24								
ENTRANCES + MAILBOX TURN OUT			1581.22			1581.22		0.82	4.74			177.10								
SUB-TOTAL				671	130	116,724	1,312	61.8	356.7	4,807	9,866	300	10,689	840	10,689	840	108	16	190	28

PRIME COAT CONVERSION FACTORS		
SURFACE TYPE	PRIME COAT	AGG. PRIME COAT
	(GAL / SQYD)	(LB / SQ YD)
COLD MILLED SURFACES	0.1	4
EXISTING PAVEMENT	0.05	4
NEW HMA MATERIAL	0.03	2

HMA & AGGREGATE CONVERSION FACTORS	
SURFACE TYPE	
HMA SURF. COURSE	112 LB/SQ YD /IN
ALL OTHER HMA	112 LB/SQ YD /IN
AGGREGATE SHOULDERS	2.05 TONS / CU YD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TABULATION OF RESURFACING

SCALE: VERT. NONE
 HORIZ. DATE 9/19/2003

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