

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNITS	TOTAL QUANTITY	CONSTRUCTION CODE TYPE	
				80% FEDERAL 20% STATE 0005	
20200100	EARTH EXCAVATION	CU YD	180	180	
20200600	EXCAVATING AND GRADING EXISTING SHOULDERS	UNIT	6	6	
20400800	FURNISHED EXCAVATION	CU YD	11	11	
* 25000200	SEEDING, CLASS 2	ACRE	0.80	0.80	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	72	72	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	72	72	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	72	72	
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.60	1.60	
* 25100115	MULCH, METHOD 2	ACRE	0.80	0.80	
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	150	150	
28200200	FILTER FABRIC	SQ YD	150	150	
35800100	PREPARATION OF BASE	SQ YD	1,904	1,904	
35800200	AGGREGATE BASE REPAIR	TON	155	155	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	40	40	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	31	31	
40600300	AGGREGATE (PRIME COAT)	TON	150	150	
40600625	LEVELING BINDER (MACHINE METHOD) N50	TON	367 680	367 680	⚠
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,029	1,029	
40600990	TEMPORARY RAMP	SQ YD	333	333	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	5,694	5,694	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	566	566	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2 INCH	SQ YD	8,489	8,489	
44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SQ YD	25	25	
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	2,198	2,198	
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	237	237	

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				80% FEDERAL 20% STATE 0005	
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	60	60	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2,414	2,414	
48203023	HOT-MIX ASPHALT SHOULDERS 6 1/2"	SQ YD	321	321	
54200229	PIPE CULVERT, CLASS D, TYPE 1 24"	FOOT	6	6	
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	50	50	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1	
63200310	GUARDRAIL REMOVAL	FOOT	50	50	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	4,142	4,142	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	5	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4,557	4,557	
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	60,667	60,667	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	35	35	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	758	758	
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	60,667	60,667	
* 78004280	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	35	35	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	284	284	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	2	2	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	1	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	284	284	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	53,059	53,059	
X4811300	AGGREGATE SHOULDERS, TYPE B SPECIAL	TON	65	65	

*SPECIALTY ITEM

FILE NAME : c:\pwork\pwork\spksgu\d0264305-067E47-shl-500.dgn	USER NAME : spksgu	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. 325	SECTION 14 RS-5	COUNTY MACOUPIN	TOTAL SHEETS 70	SHEET NO. 3
PLOT SCALE : 40.0000 * / in.	PLOT DATE : Mon-01-2011 04:17:06PM	DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 72E47 ILLINOIS FED. AID PROJECT		

PAVEMENT SCHEDULE

LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	HOT-MIX ASPHALT SURF. REM. BUTT-JOINT (SQ YD)	HOT-MIX ASPHALT SURF. REM. (VAR. DEPTH) (SQ YD)	HOT-MIX ASPHALT SURF. REM., 1 1/2" (SQ YD)	LEVEL BINDER (MACHINE METHOD) (VAR. DEPTH) (TON)	HMA SURF. COURSE MIX "C" N50 (1 1/2") (TON)	BIT. MAT. PRIME CT. (TON)	AGGREGATE PRIME COAT (TON)
FAP 325 (IL 16)									
STA. 18+62.00 TO STA. 19+12.00	50.00	24	133.3				11.2	0.1	0.3
STA. 19+12.00 TO STA. 50+95.44	3,183.44	24			8,489.0		713.1	3.2	17.0
STA. 50+95.44 TO STA. 72+50.00	2,154.56	24		5,745.6			482.6	2.2	11.5
STA. 72+50.00 TO STA. 73+75.00	125.00	24		333.4			28.0	0.1	0.7
STA. 73+75.00 TO STA. 244+75.00	17,100.00	24		45,600			4,309.8	17.3	91.4
STA. 244+75.00 TO STA. 245+00.00	25.00	24	66.7				6.3	0.1	0.1
	22638.00								
TOTAL			200.0	51,679	8,489.0	680 367.0	5,551.0	23.0	121.0

AGGREGATE SHOULDERS TYPE B

LOCATION STATION TO STATION	LENGTH (FT)	THICKNESS (INCH)	WIDTH (FT)	AGGREGATE SHOULDERS TYPE B (TONS)	AGGREGATE SHOULDERS TYPE B SPECIAL (TONS)
FAP 325 (IL16)					
LEFT					
STA. 18+62.00 TO STA. 50+95.44	3,233.44		0		
STA. 50+95.44 TO STA. 72+50.00	2,154.56	6"	3	246.0	
STA. 72+50.00 TO STA. 73+50.00	100.00		0		
STA. 73+50.00 TO STA. 138+70.00	6,520.00	3" AVER.	3	371.0	
STA. 138+70.00 TO STA. 141+77.00	307.00	6"	3		35
STA. 141+77.00 TO STA. 245+00.00	10,323.00	3" AVER.	3	588.0	
RIGHT					
STA. 18+62.00 TO STA. 50+95.44	3,233.44		0		
STA. 50+95.44 TO STA. 72+50.00	2,154.56	6"	3	246.0	
STA. 72+50.00 TO STA. 73+50.00	100.00		0		
STA. 73+50.00 TO STA. 138+94.00	6,544.00	3" AVER.	3	373.0	
STA. 138+94.00 TO STA. 141+50.00	256.00	6"	3		30
STA. 141+50.00 TO STA. 245+00.00	10,350.00	3" AVER.	3	590.0	
TOTAL				2,414.0	65.0

HOT-MIX ASPHALT SHOULDERS

LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	HMA SURF. REM. (VAR. DEPTH) (SQ YD)	HMA SHOULDERS 6 1/2" (SQ YD)	HMA SURF. COURSE MIX "C" N50 (1 1/2") (TON)	BIT. MAT. PRIME COAT (TON)	AGGREGATE PRIME COAT (TON)	EXCAVATING AND GRADING EXISTING SHOULDERS (UNIT)
FAP 325 (IL16)								
LEFT								
STA. 50+95.44 TO STA. 72+50.00	2154.56	3	662.0		55.6	2.5	12.0	
STA. 138+70.00 TO STA. 141+77.00	307.00	5		170.8	14.3			3.1
STA. 141+77.00 TO STA. 142+02.00	25.00	VAR. 5 TO 3		11.1	1.0			0.3
RIGHT								
STA. 50+95.44 TO STA. 72+50.00	2154.56	3	718.0		60.3	2.5	13.0	
STA. 138+94.00 TO STA. 139+33.00	39.00	VAR 2 TO 5		21.0	1.8			0.4
STA. 139+33.00 TO STA. 141+25.00	192.00	5		107.0	9.0			1.9
STA. 141+25.00 TO STA. 141+50.00	25.00	VAR. 5 TO 3		11.1	1.0			0.3
TOTAL			1,380.0	321.0	143.0	5.0	25.0	6.0

RIPRAP SCHEDULE

LOCATION STATION TO STATION	STONE DUMPED RIPRAP CLASS A4 (SQ YD)	FILTER FABRIC (SQ YD)
FAP 325 (IL 16)		
STA. 139+00.00 RT. TO STA. 141+00.00 RT.	67.00	67.00
STA. 139+25.00 LT. TO STA. 141+00.00 LT.	83.00	83.00
TOTAL		150.0

AGGREGATE BASE REPAIR

LOCATION STATION TO STATION	AGGREGATE BASE REPAIR (TON)	
FAP 325 (IL 16)		
WHITEFIELD ROAD	60.00	
DORCHESTER ROAD	45.00	
SPANISH NEEDLE ROAD	50.00	
TOTAL		155.0

GUARDRAIL SCHEDULE

LOCATION STATION TO STATION	GUARDRAIL REMOVAL (FOOT)	STEEL PLATE BEAM GUARDRAIL TYPE A, 9' POSTS (FOOT)	TRAFFIC BARRIER TERMINAL TYPE 1 SPL (TANGENT) (EACH)	GUARDRAIL MKR TYPE A (EACH)	TERM MARKER DIRECT APPLIED (EACH)
FAP 325 (IL 16) AT WHITEFIELD ROAD					
STA. 9+49.00 RT. TO STA. 9+81.50 RT.	50.00	50.00		2.00	
STA. 8+99.00 LT. TO STA. 9+49.00 LT.			1.00		1.00
TOTAL		50.0	50.0	1.0	2.0

FILE NAME =	USER NAME = sparksgv	DESIGNED -	REVISED -
c:\pwwork\pwwork\sparksgv\0264305\0672E47-sht-schedule.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = Nov-01-2011 04:17:41PM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14 RS-5	MACOUPIN	70	7
				CONTRACT NO. 72E47
ILLINOIS FED. AID PROJECT				