

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5	198-2-D	STEPHENSON	57	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

80% FED
20% STATE

SUMMARY OF QUANTITIES

80% FED
20% STATE

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	BRIDGE X071-2A	ROADWAY X071-2A	SFTY-3N
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	170		170	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	92		92	
20100500	TREE REMOVAL, ACRES	ACRE	0.25		0.25	
20200100	EARTH EXCAVATION	CU YD	708		708	
20400800	FURNISH EXCAVATION	CU YD	1051		1051	
20700220	POROUS GRANULAR EMBANKMENT	CU YD	272.5	272.5		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	3150		3150	
25001830	SEEDING, CLASS 6 (MODIFIED)	ACRE	2.0		2.0	
25100115	MULCH, METHOD 2	ACRE	2.0		2.0	
28000250	TEMPORARY EROSION CONTROL SEEDING	LB	1600		1600	
28000300	TEMPORARY DITCH CHECKS	EACH	3		3	
28000400	PERIMETER EROSION BARRIERS	FOOT	1054		1054	
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	1862		1862	
40600990	TEMPORARY RAMP	SQ YD	84		84	
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	446		446	
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	558		558	
44000100	PAVEMENT REMOVAL	SQ YD	2789		2789	
48202400	BITUMINOUS SHOULDERS SUPERPAVE, 6"	SQ YD	560		560	
48202810	BITUMINOUS SHOULDERS SUPERPAVE, 10 1/2"	SQ YD	159		159	
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	1	1		
50102400	CONCRETE REMOVAL	CU YD	27.5	27.5		
50200100	STRUCTURE EXCAVATION	CU YD	100.3	100.3		
50300100	FLOOR DRAINS	EACH	16	16		
50300225	CONCRETE STRUCTURES	CU YD	11.7	11.7		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	397.7	397.7		
50300260	BRIDGE DECK GROOVING	SQ YD	1205	1205		
50300300	PROTECTIVE COAT	SQ YD	1393	1393		
50300310	ELASTOMERIC BEARING ASSEMBLY TYPE 1	EACH	24	24		
50301250	FORMED CONCRETE REPAIR DEPTH > 5"	SQ FT	28.3	28.3		
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	4448	4448		
50500505	STUD SHEAR CONNECTORS	EACH	4896	4896		
50500715	JACK AND REMOVE EXISTING BEARINGS	EACH	24	24		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	90,945	90,945		
51205200	TEMPORARY SHEET PILING	SQ FT	581	581		
51500100	NAME PLATES	EACH	1	1		
60602500	CONCRETE GUTTER, TYPE A	FOOT	315		315	
63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	637.5		637.5	
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4		4	

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	BRIDGE X071-2A	ROADWAY	SFTY-3N
63200305	STEEL PLATE BEAM GUARDRAIL REMOVAL	FOOT	758	758		
63301990	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	1		1	
66101120	BITUMINOUS SHOULDER CURB	FOOT	101		101	
66700305	PERMANENT SURVEY MARKER, TYPE II	EACH	2		2	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5		
67100100	MOBILIZATION	L SUM	1	0.5	0.5	
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1		1	
70100400	TRAFFIC CONTROL AND PROTECTION, STANDARD 701431	EACH	1		1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1324		1324	
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	26215		26215	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	8960		8960	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1070		1070	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	890		890	
*78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	18833		18833	
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	42		42	
78200410	GUARDRAIL MARKERS TYPE A	EACH	17		17	
78201000	TERMINAL MARKER DIRECT APPLIED	EACH	1		1	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	5611		5611	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	42		42	
A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1 1/4" CALIPER, BALLED AND BURLAPED	EACH	5		5	
C2001948	SHRUB, CORNUS SERICEA BAILEI (BAILEY REDOSIER DOGWOOD), 4' HEIGHT, BALLED AND BURLAPPED	EACH	26		26	
X4066414	BIT. CONCRETE SURFACE COURSE, SUPERPAVE, MIX. C, N50	TON	74		74	
X4066426	BIT. CONCRETE SURFACE COURSE, SUPERPAVE, MIX. D, N70	TON	200		200	
X4066616	BIT. CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70	TON	1047		1047	
Z0002600	BAR SPLICERS	EACH	673	673		
Z0030250	IMPACT ATTENUATOR(TEMP.)NON-REDIRECTIVE TEST LEVEL3	EACH	2			2
Z0030350	IMPACT ATTENUATOR(RELOCATE)NON-REDIRECTIVE TEST LEVEL3	EACH	2			2
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1	
Z0024476	FLEXIBLE DELINEATOR MAINTENANCE	EACH	10		10	

* SPECIALTY ITEMS

Shrinkage Factor 0.25

Earthwork Calculations

	Cut			Fill	
	End Area S.F.	Unadjusted Volume C.Y.	Adjusted Volume C.Y.	End Area S.F.	Unadjusted Volume C.Y.
54+06.00	0	-	-	0	-
54+38.30	24	14	11	76	45
54+56.39	20	15	11	56	44
55+00.00	64	68	51	117	140
55+36.00	71	90	68	189	204
57+14.00	39	-	-	153	-
57+45.39	55	55	41	131	165
58+00.00	54	110	83	109	243
59+00.00	46	185	139	108	402
59+90.00	41	145	109	73	302
60+00.00	22	12	9	28	19
60+35.00	0	14	11	0	18
Total	-	708	531	-	1582

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES
NAME	DATE	
		SCALE: VERT. HORIZ. DATE 5-20-03

DRAWN BY DH
CHECKED BY SK