

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	23 BR-2	JO DAVIESS	30	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

80% FED
20% STATE
X028-2A

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20% STATE
X028-2A

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	BOX CUL STA. 123+36 X028-2A	ROADWAY	SFTY-3N
20200100	EARTH EXCAVATION	CU YD	355		355	
20400800	FURNISHED EXCAVATION	CU YD	667		667	
20800150	TRENCH BACKFILL	CU YD	115	115		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	2034		2034	
25001830	SEEDING, CLASS 6 (MODIFIED)	ACRE	1.0		1.0	
25100115	MULCH, METHOD 2	ACRE	1.0		1.0	
28000250	TEMPORARY EROSION CONTROL SEEDING	LB	800		800	
28000300	TEMPORARY DITCH CHECKS	EACH	8		8	
28000400	PERIMETER EROSION BARRIERS	FOOT	495		495	
28100109	STONE RIPRAP, CLASS A5	SO YD	335	335		
28200100	FILTER FABRIC FOR USE WITH RIPRAP	SO YD	335	335		
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SO YD	323		323	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	390		390	
35300300	PORTLAND CEMENT CONCRETE BASE COURSE-8"	SO YD	104		104	
35300500	PORTLAND CEMENT CONCRETE BASE COURSE-10"	SO YD	289		289	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	10		10	
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SO YD	174		174	
40600990	TEMPORARY RAMP	SO YD	30		30	
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	23		23	
44000100	PAVEMENT REMOVAL	SO YD	433		433	
48202310	BITUMINOUS SHOULDERS SUPERPAVE, 5/2"	SO YD	1401		1401	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1		
50800105	REINFORCEMENT EARS	POUND	37,197	37,197		
51500100	NAME PLATES	EACH	1	1		
54003000	CONCRETE BOX CULVERTS	CU YD	181.2	181.2		
54223465	REMOVE AND RELAY PIPE CULVERTS, 30"	FOOT	228		228	
63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	487.5		487.5	
63000005	STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	100.0		100.0	
63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	75		75	
63100169	TRAFFIC BARRIER TERMINAL TYPE I, SPECIAL (FLARED)	EACH	4		4	
63200305	STEEL PLATE BEAM GUARDRAIL REMOVAL	FOOT	416		416	
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	4		4	
66700305	PERMANENT SURVEY MARKER, TYPE II	EACH	2	2		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4		
67100100	MOBILIZATION	L SUM	1	0.5	0.5	
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1		1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1	

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	BOX CUL STA. 123+36 X028-2A	ROADWAY	SFTY-3N
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 DY	4		4	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNAL	EACH	1		1	
70106700	TEMPORARY RUMBLE STRIPS	EACH	6		6	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	720		720	
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	24		24	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	318		318	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	430		430	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	370		370	
*78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	928		928	
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	5		5	
78200410	GUARDRAIL MARKERS TYPE A	EACH	9		9	
78201000	TERMINAL MARKER DIRECT APPLIED	EACH	4		4	
78300100	PAVEMENT MARKING REMOVAL	SO FT	293		293	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	5		5	
X0320547	REMOVE AND REINSTALL END SECTION	EACH	4		4	
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SO FT	415.3	415.3		
X4066414	BIT. CONCRETE SURFACE COURSE, SUPERPAVE, MIX. C, N50	TON	172		172	
X4066426	BIT. CONCRETE SURFACE COURSE, SUPERPAVE, MIX. D, N70	TON	92		92	
X4066770	LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N70	TON	48		48	
Z0002600	BAR SPLICERS	EACH	136	136		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1	
Z0030250	IMPACT ATTENUATOR(TEMP.) NON-REDIRECTIVE TEST LEVEL 3	EACH	2			2
Z0030350	IMPACT ATTENUATOR(RELOCATE) NON-REDIRECTIVE TEST LEVEL 3	EACH	2			2

* SPECIALTY ITEMS

Earthwork Calculations

	Excavation			Embankment	
	End Area	Unadjusted Volume	Adjusted Volume	End Area	Unadjusted Volume
121+35	0	-	-	0	-
121+50	24	7	5	43	12
121+80	29	29	22	62	58
122+00	44	27	20	80	53
122+50	24	63	47	72	141
123+00	76	93	69	124	181
123+36	0	51	38	70	129
123+50	38	10	7	108	46
124+00	1	36	27	32	130
124+50	9	9	7	35	62
125+00	10	18	13	35	65
125+50	1	10	8	6	38
126+00	1	2	1	3	8
126+50	0	1	1	5	7
126+75	0	0	0	0	2
Total	247	355	266	675	933

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

SCALE: VERT.
HORIZ.
DATE 12-12-03

DRAWN BY DH
CHECKED BY SK