

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	81B-1	MORGAN	114	3
STA.		TO STA.		
CONTRACT NO. 72528				

CODED NO	DESCRIPTION	UNIT	QUANTITY	CONSTRUCTION CODE			
				LOCATION 1 80% FEDERAL 20% STATE GENERAL 1000-2A	LOCATION 2 80% FEDERAL 20% STATE BOX CULVERT X028-2A	LOCATION 3 80% FEDERAL 20% STATE ROADWAY 1000-2A	LOCATION 4 80% FEDERAL 20% STATE BRIDGE X071-2A
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	10	10			
20100500	TREE REMOVAL, ACRES	ACRES	1	0.5	0.25	0.25	
20200100	EARTH EXCAVATION	CU YD	14865	7670	3498	2199	1498
20300100	CHANNEL EXCAVATION	CU YD	278				278
20400800	FURNISHED EXCAVATION	CU YD	1394			1141	253
20700220	POROUS GRANULAR EMBANKMENT	CU YD	144.6				144.6
25000200	SEEDING, CLASS 2	ACRE	4	1.5	1	1	0.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	360	135	90	90	45
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	360	135	90	90	45
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	360	135	90	90	45
25100115	MULCH, METHOD 2	ACRE	4	1.5	1	1	0.5
25100630	EROSION CONTROL BLANKET	SQ YD	1692	1474		218	
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	45	15	30		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1200	450	300	300	150
28000300	TEMPORARY DITCH CHECKS	EACH	81	12	29	25	15
28000400	PERIMETER EROSION BARRIER	FOOT	667		167		500
28000500	INLET AND PIPE PROTECTION	EACH	1			1	
28001000	AGGREGATE (EROSION CONTROL)	TON	3	1	2		
28100105	STONE RIPRAP, CLASS A3	SQ YD	196	172		24	
28100107	STONE RIPRAP, CLASS A4	SQ YD	261		241	20	
28100109	STONE RIPRAP, CLASS A5	SQ YD	620				620
28200200	FILTER FABRIC	SQ YD	881		241	20	620
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	177			177	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	2.77	0.67	0.62	0.95	0.53
40600300	AGGREGATE (PRIME COAT)	TON	3				3
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	163			57	106
40600990	TEMPORARY RAMP	SQ YD	27			9	18
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	8			8	
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	276				276
42001300	PROTECTIVE COAT	SQ YD	278				278
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	56				56
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	4864	1023	1694	1520	627
44000100	PAVEMENT REMOVAL	SQ YD	226				226
44000400	GUTTER REMOVAL	FOOT	1350	1209		141	
44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ YD	43				43
44002500	GUTTER OUTLET REMOVAL	EACH	1	1			
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	930	293	300	337	
44213100	PAVEMENT FABRIC	SQ YD	930	293	300	337	
48100100	AGGREGATE SHOULDERS, TYPE A	TON	1547	523	496	249	279
48202600	BITUMINOUS SHOULDERS SUPERPAVE 8"	SQ YD	2618	889	831	774	124
50100300	REMOVAL OF EXISTING STRUCTURE NO. 1	EACH	1	1			
50100400	REMOVAL OF EXISTING STRUCTURE NO. 2	EACH	1		1		
50100500	REMOVAL OF EXISTING STRUCTURE NO. 3	EACH	1			1	
50100600	REMOVAL OF EXISTING STRUCTURE NO. 4	EACH	1				1

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50105220	PIPE CULVERT REMOVAL	FOOT	80				80
50200100	STRUCTURE EXCAVATION	CU YD	137				137
50300225	CONCRETE STRUCTURES	CU YD	83.1				83.1
50300255	CONCRETE SUPERSTRUCTURE	CU YD	164.8				164.8
50300260	BRIDGE DECK GROOVING	SQ YD	473				473
50300300	PROTECTIVE COAT	SQ YD	592				592
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1				1
50500505	STUD SHEAR CONNECTORS	EACH	2196				2196
50800105	REINFORCEMENT BARS	POUND	110832	32862	52370	25600	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5170.6	2066	1360		48,280
51000105	PIPE HANDRAIL	FOOT	35				35
51201600	FURNISHING STEEL PILE HP12X53	FOOT	1761	1400			361
51201700	FURNISHING STEEL PILE HP12X74	FOOT	160				160
51202700	DRIVING STEEL PILES	FOOT	1921	1400			521
51203600	TEST PILE STEEL HP12X53	EACH	2	1			1
51203700	TEST PILE STEEL HP12X74	EACH	1				1
51500100	NAME PLATES	EACH	2		1		1
54003000	CONCRETE BOX CULVERTS	CU YD	723.6	263	344.6	116.0	
54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	39				39
54200223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	52				52
54215547	METAL END SECTIONS 12"	EACH	2				2
60100945	PIPE DRAINS 12"	FOOT	63				63
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1				1
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	18.9	14.9			4
60900315	TYPE D INLET BOX, STANDARD 609006	EACH	2				2
60900515	CONCRETE THRUST BLOCKS	EACH	2				2
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	2167	925	867		375
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4				4
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	8	4	4		
63200305	STEEL PLATE BEAM GUARDRAIL REMOVAL	FOOT	435			33	402
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	25			13	12
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	2	2	2	6
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1				1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.25	0.25	0.25	0.25
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.25	0.25	0.25	0.25
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.25	0.25	0.25	0.25
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1	0.25	0.25	0.25	0.25
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5				5
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1				1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1152	304	288	272	288
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	20185	5400	5056	4719	5010

\* SPECIALTY ITEMS

REVISIONS	
NAME	DATE
TMJ	08-03-05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 FAP ROUTE 310 (US 67/IL 267)  
 SECTION 81B-1  
 MORGAN COUNTY  
 SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 DRAWN BY BANDY  
 CHECKED BY STEUART