

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(10-92-8)HB-1,HB-4BR	CHAMPAIGN & VERMILION	122	4

CONTRACT NO. 70001

CODE NO	ITEM	UNIT	TOTAL QUANTITY	FAI - RURAL SN 010-0277 CHAMPAIGN 20% STATE 80% FED X271-2A	FAI - RURAL SN 092-0203 VERMILION 20% STATE 80% FED X271-2A
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	35.0	0.0	35.0
20200100	EARTH EXCAVATION	CU YD	1710.0	925.0	785.0
20400800	FURNISHED EXCAVATION	CU YD	13385.0	9835.0	3550.0
20600200	GRANULAR EMBANKMENT, SPECIAL	CU YD	4455.0	3395.0	1060.0
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	197.0	108.0	89.0
* 25000200	SEEDING, CLASS 2	ACRE	6.0	3.5	2.5
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	529.0	309.0	220.0
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	529.0	309.0	220.0
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	529.0	309.0	220.0
* 25100115	MULCH, METHOD 2	ACRE	1.8	1.0	0.8
* 25100630	EROSION CONTROL BLANKET	SQ YD	20526.0	11363.0	9163.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	587.0	343.0	244.0
28000300	TEMPORARY DITCH CHECKS	EACH	67.0	42.0	25.0
28000400	PERIMETER EROSION BARRIER	FOOT	5490.0	2870.0	2620.0
28000500	INLET AND PIPE PROTECTION	EACH	14.0	11.0	3.0
28100105	STONE RIPRAP, CLASS A3	SQ YD	20.0	12.0	8.0
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1456.0	1012.0	444.0
35101400	AGGREGATE BASE COURSE, TYPE B	TON	9.0	9.0	0.0
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	1056.0	752.0	304.0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	40.0	9.0	31.0
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2369.0	1508.0	861.0
40600300	AGGREGATE (PRIME COAT)	TON	5.0	3.0	2.0
40600895	CONSTRUCTING TEST STRIP	EACH	2.0	1.0	1.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	10640.0	4976.0	5664.0
40600990	TEMPORARY RAMP	SQ YD	1292.0	647.0	645.0
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1769	1264.7	504.3
40603100	HOT-MIX ASPHALT BINDER COURSE, IL-19.0L, N30	TON	2523	2523.0	0.0
40603245	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N105	TON	1183.0	600.0	583.0
40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	814.0	494.5	319.5
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	551.0	0.0	551.0
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	653.0	653.0	0.0
40603575	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105	TON	637.0	323.0	314.0
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4.0	4.0	0.0
40800030	AGGREGATE (PRIME COAT)	TON	1.0	1.0	0.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	4.0	4.0	0.0
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	503.0	278.0	225.0
42001300	PROTECTIVE COAT	SQ YD	503.0	278.0	225.0
44000100	PAVEMENT REMOVAL	SQ YD	498.0	229.0	269.0
44000400	GUTTER REMOVAL	FOOT	1041.0	512.0	529.0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1983.0	1070.0	913.0

CODE NO	ITEM	UNIT	TOTAL QUANTITY	FAI - RURAL SN 010-0277 CHAMPAIGN 20% STATE 80% FED X271-2A	FAI - RURAL SN 092-0203 VERMILION 20% STATE 80% FED X271-2A
44000700	APPROACH SLAB REMOVAL	SQ YD	554.0	279.0	275.0
44002805	ISLAND REMOVAL	SQ FT	345.0	174.0	171.0
44004250	PAVED SHOULDER REMOVAL	SQ YD	667.0	366.0	301.0
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	2030.0	1230.0	800.0
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	4219	2631.8	1587.2
48203100	HOT-MIX ASPHALT SHOULDERS	TON	780.4	440.6	339.8
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1.0	1.0	0.0
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1.0	0.0	1.0
50104400	CONCRETE HEADWALL REMOVAL	EACH	4.0	3.0	1.0
50105220	PIPE CULVERT REMOVAL	FOOT	445.0	245.0	200.0
50157300	PROTECTIVE SHIELD	SQ YD	858.0	429.0	429.0
50200100	STRUCTURE EXCAVATION	CU YD	270.0	148.0	122.0
50300225	CONCRETE STRUCTURES	CU YD	189.3	104.5	84.8
50300255	CONCRETE SUPERSTRUCTURE	CU YD	572.5	307.3	265.2
50300260	BRIDGE DECK GROOVING	SQ YD	1659	925.0	734.0
50300300	PROTECTIVE COAT	SQ YD	2114.0	1152.0	962.0
50500505	STUD SHEAR CONNECTORS	EACH	7452.0	3600.0	3852.0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	168340.0	93930.0	74410.0
50800515	BAR SPLICERS	EACH	144.0	80.0	64.0
51100100	SLOPE WALL 4 INCH	SQ YD	832.0	452.0	380.0
51200958	FURNISHING METAL SHELL PILES 14"X0.250"	FOOT	3685.0	2071.0	1614.0
51202305	DRIVING PILES	FOOT	3685.0	2071.0	1614.0
51203200	TEST PILE METAL SHELLS	EACH	2.0	1.0	1.0
51500100	NAME PLATES	EACH	2.0	1.0	1.0
54213453	END SECTIONS 18"	EACH	3.0	3.0	0.0
54215547	METAL END SECTIONS 12"	EACH	20.0	12.0	8.0
54215550	METAL END SECTIONS 15"	EACH	2.0	2.0	0.0
54215760	METAL END SECTIONS, EQUIVALENT ROUND-SIZE 15"	EACH	2.0	2.0	0.0
54248510	CONCRETE COLLAR	CU YD	1.2	1.2	0.0
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	26.0	20.0	6.0
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	47.0	47.0	0.0
542D5470	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	30.0	30.0	0.0
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	13.0	10.0	3.0
60100915	PIPE DRAINS 6"	FOOT	698.0	516.0	182.0
60100945	PIPE DRAINS 12"	FOOT	790.0	412.0	378.0
60107700	PIPE UNDERDRAINS 6"	FOOT	425.0	300.0	125.0
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1.0	0.0	1.0
60255500	MANHOLES TO BE ADJUSTED	EACH	1.0	1.0	0.0
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1397.0	907.5	489.5
60622354	CONCRETE MEDIAN, TYPE SM-6 (DOWELLED)	SQ FT	350.0	175.0	175.0

* SPECIALTY ITEM

Δ - Revised 10-24-07

HOT-MIX ASPHALT PAVEMENT

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	110-92-BKHB-1,HB-4BR	CHAMPAIGN & VERMILION	122	7
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		CONTRACT NO. 70001		

LOCATION	HOT-MIX ASPHALT MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SHOULDERS 6 1/2"	HOT-MIX ASPHALT SHOULDERS	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N30	HOT-MIX ASPHALT SURFACE COURSE MIX C, N50	HOT-MIX ASPHALT SURFACE COURSE MIX D, N50	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50	HOT-MIX ASPHALT BINDER COURSE IL-19.0L N30	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE MIX E, N105	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-19.0, N105
STATION TO STATION	GAL.	SO. YD.	TON	TON	TON	TON	TON	TON	TON	TON
CHAMPAIGN COUNTY										
IL 49S										
306+23.50 TO 307+30.00	12.7	74.9		9.3			32.8			
307+30.00 TO 307+72.66 LT	6.3	37.9		3.2			4.4	7.9		
307+30.00 TO 41+15.00 RT	9.5	20.8		1.8			6.4	12.8		
307+72.66 TO 42+90.00 LT	47.6	14.3		1.5			20.0	47.9		237.1
41+15.00 TO 42+90.00 RT	44.4	53.4		4.5			18.0	43.0		231.1
42+90.00 TO 48+60.50	187.3	1141.0		95.8			117.1	280.4		
51+39.50 TO 57+10.00	187.3	1141.0		95.8			117.1	280.4		
57+10.00 TO 58+84.00 LT	44.4	51.2		4.3			17.9	42.8		252.8
57+10.00 TO 326+00.00 RT	50.8	30.9		2.2			21.6	51.7		260.3
58+84.00 TO 326+21.50 LT	9.5	19.2		1.6			5.9	13.2		
326+00.00 TO 326+21.50 RT	3.2	7.2		0.6			2.2	4.3		
326+21.50 TO 326+81.50	9.5	40.0		6.0			18.5			
I-74										
2294+00.00 TO 1003+85.00 WB	203.2		174.8	94.1					161.3	299.6
2294+00.00 TO 1003+85.00 EB	203.2		174.8	94.1					161.3	299.6
RAMP A										
401+00.00 TO 401+65.00	9.5			13.3			15.5			
401+65.00 TO 402+10.00	9.5		16.8	5.0			5.9			
402+10.00 TO 403+14.26	101.6						45.2	13.6		403.5
RAMP B										
298+41.29 TO STA. 299+58.00	101.6						45.0	105.1		383.0
299+58.00 TO 300+15.00	12.7		24.6	6.8			8.0	15.2		
300+15.00 TO 300+75.00	9.5			13.8			16.1			
RAMP C										
501+00.00 TO 501+60.00	9.5			13.0			15.2			
501+60.00 TO 502+11.00	12.7		22.0	6.1			7.2	9.86		
502+11.00 TO 503+21.57	95.2						42.7	100.2		340.9
RAMP D										
98+50.99 TO 99+35.53	101.6						44.1	106.8		413.4
99+35.53 TO 100+09.50	15.9		27.6	8.2			9.7	19.3		
100+09.50 TO 100+75.00	9.5			13.3			15.6			
VERMILION COUNTY										
IL 49N										
41+74.00 TO 43+83.31 LT	15.9			3.2		32.2				
41+74.00 TO 43+66.28 RT	15.9			7.4		26.6				
43+83.31 TO 44+75.00 LT	19.0			5.2		9.4				
43+66.28 TO 44+75.00 RT	22.2			6.1		11.2		32.6		
44+75.00 TO 48+60.00	114.3			43.2		79.1		36.6		
51+40.00 TO 55+00.00	107.9			43.2		73.9		189.2		
55+00.00 TO 56+00.00	41.3			11.2		20.5		176.9		
56+00.00 TO 58+24.00	28.6			5.8		69.0		68.4		
I-74										
1157+10.00 TO 1163+10.00 WB	196.8		169.9	91.5					156.8	291.2
1157+10.00 TO 1163+10.00 EB	196.8		169.9	91.5					156.8	291.2
RAMP A										
360+95.00 TO 361+98.54	28.6			4.6		55.9				
RAMP B										
258+39.71 TO 259+55.62	22.2			1.2		47.2				
RAMP C										
460+66.65 TO 461+82.52	22.2			0.8		57.5				
RAMP D										
158+49.10 TO 159+52.00	28.6			4.5		65.2				
IL 49N										
41+74.00 TO 42+26.64 LT		37.7								
41+74.12 TO 42+64.16 RT		87.8								
43+83.31 TO 48+60.00 LT		317.8								
43+66.28 TO 48+60.00 RT		329.2								
51+40.00 TO 56+35.72 LT		330.5								
51+40.00 TO 56+11.50 RT		314.3								
57+71.13 TO 58+23.92 RT		37.9								
RAMP A										
360+95.00 TO 361+16.17 LT		9.1								
360+95.00 TO 361+49.46 RT		45.0								
RAMP B										
259+25.95 TO 259+55.89		14.0								
RAMP C										
460+67.10 TO 460+89.74		9.8								
RAMP D										
159+00.54 TO 159+52.00 LT		42.3								
159+26.54 TO 159+52.00 RT		11.2								
ACTUAL TOTAL	2,368.2	4,218.4	780.4	813.7	550.7	652.1	1,768.4	2,522.3	636.2	1,181.6
USED TOTAL	2,369	4,219	780.4	814.0	551	653	1,769	2,523	637	1,183

AGGREGATE

LOCATION	AGGREGATE (PRIME COAT)	AGGREGATE SHOULDERS TYPE B, 6"
STATION TO STATION	TON	TON
CHAMPAIGN COUNTY		
IL 49 S		
306+42.61 LT (P.E.)	0.1	
306+63.25 RT (F.E.)		
42+90.00 TO 48+60.50	1.4	
51+39.50 TO 57+10.00	1.4	
VERMILION COUNTY		
IL 49 N		
44+75.00 TO 48+60.00	0.9	
51+40.00 TO 55+00.00	0.9	
CHAMPAIGN COUNTY		
IL 49S		
306+23.50 TO 307+30.00 LT		25.8
306+87.00 TO 41+15.00 RT		57.1
58+84.00 TO 326+81.50 LT		65.4
326+00.00 TO 326+81.50 RT		47.9
RAMP A		
401+00.00 TO 402+10.00		48.6
RAMP B		
299+58.00 TO 300+75.00		51.7
RAMP C		
501+00.00 TO 502+11.00		49.1
RAMP D		
99+35.53 TO 100+75.00		61.7
I-74		
2294+00.00 TO 1003+85.00 WB		411.3
2294+00.00 TO 1003+85.00 EB		411.3
VERMILION COUNTY		
I-74		
1157+10.00 TO 1163+10.00 WB		400.0
1157+10.00 TO 1163+10.00 EB		400.0
ACTUAL TOTAL	4.7	2,029.9
USED TOTAL	5	2,030

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE
DATE: 06/2003

DRAWN BY: IYL
CHECKED BY: JH

A- Revised 10-24-07