

SECTION NO.	HIGHWAY	COUNTY	SHEETS
06-00092-02-PV	22	ST. CLAIR	2 OF 63
FHWA REG.NO.7	ILLINOIS	ARA-5011(297)	
FEDERAL AID PROJECT		CONTRACT #97415	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20400800	FURNISHED EXCAVATION	CU YD	3984
20200100	EARTH EXCAVATION	CU YD	1963
20800150	TRENCH BACKFILL	CU YD	1106
25000200	SEEDING, CLASS 2	ACRE	2.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	225
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	225
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	225
25100115	MULCH, METHOD 2	ACRE	2.5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	250
28000305	TEMPORARY DITCH CHECKS	FOOT	50
28000400	PERIMETER EROSION BARRIER	FOOT	5484
28000500	INLET AND PIPE PROTECTION	EACH	22
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	14
28200200	FILTER FABRIC	SQ YD	14
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	14967
30201500	LIME	TON	373.5
30201700	PORTLAND CEMENT	TON	57.3
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	14967
31100700	SUB-BASE GRANULAR MATERIAL, TYPE A 8"	SQ YD	642
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	12
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	145
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	126
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	78
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	276
40600300	AGGREGATE (PRIME COAT)	TON	2.3
40600895	CONSTRUCTING TEST STRIP	EACH	1
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	4718.6
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	2229
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4
40800030	AGGREGATE (PRIME COAT)	TON	0.1
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1.3
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	208
44000100	PAVEMENT REMOVAL	SQ YD	11114
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	49
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	173
50105200	REMOVE EXISTING CULVERTS	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	302
54001001	BOX CULVERT END SECTION, CULVERT NO. 1	EACH	2
54011003	PRECAST CONCRETE BOX CULVERT 10' X 3'	FOOT	44
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	10
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1
54215967	REINFORCED CONCRETE PIPE ELBOW 12"	EACH	1
54215973	REINFORCED CONCRETE PIPE ELBOW 18"	EACH	1
54216180	REINFORCED CONCRETE PIPE TEE, 12" PIPE WITH 12" RISER	EACH	2
54216190	REINFORCED CONCRETE PIPE TEE, 18" PIPE WITH 12" RISER	EACH	1

*: DENOTES A SPECIALTY ITEM

Δ Y080

CODE NO.	ITEM	UNIT	QUANTITY
55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	5779
55019600	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 15"	FOOT	1421
55019700	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 18"	FOOT	125
55019900	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 24"	FOOT	1
55020400	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS II 42"	FOOT	4
55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	386
55034200	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 23, RISE 14	FOOT	860
55035300	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 23, RISE 14	FOOT	348
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	21
60238710	INLETS, TYPE A, WITH SPECIAL GRATE	EACH	6
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	1
60242500	INLETS, SPECIAL NO. 1	EACH	9
60242600	INLETS, SPECIAL NO. 2	EACH	5
60242700	INLETS, SPECIAL NO. 3	EACH	3
60242800	INLETS, SPECIAL NO. 4	EACH	3
60242801	INLETS, SPECIAL NO. 5	EACH	1
60242802	INLETS, SPECIAL NO. 6	EACH	1
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	22
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	8662
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	5
67000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	10
67100100	MOBILIZATION	L SUM	1
70101835	TRAFFIC CONTROL AND PROTECTION BLR-22	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	928
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	2943
70300645	TEMPORARY PAINT PAVEMENT MARKING LINE 12"	FOOT	22
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1312
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2943
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	22
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	58
XX003036	STORM SEWERS, PVC, SDR 26, 10 INCH	FOOT	18
Δ Z0076600	TRAINEES	HOURL	500
XX008292	STORM SEWERS, PVC, SDR 26, 3 INCH	FOOT	12

COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24		
STA. 11+00.1 LT TO STA. 53+53.1 LT	4252.9 FOOT	
STA. 53+53.1 LT TO STA. 54+15.3 LT	61.4 FOOT	
STA. 11+00.1 LT TO STA. 54+08.0 RT	4307.8 FOOT	
STA. 53+53.1 LT TO STA. 54+46.2 RT	39.7 FOOT	
TOTAL: 8662.0 FOOT		

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED 25% FOR SHRINKAGE	EMBANKMENT	ADDITIONAL EXCAVATED MATERIAL FROM STORM SEWER CONSTRUCTION ADJUSTED FOR SHRINKAGE	FURNISHED EXCAVATION	CU YDS				
STA. 8+59.5 TO STA. 11+00.1	30	23	264	-	-					
STA. 11+11.1 TO STA. 54+15.3	1933	1449	7030	1838	-3984					
TOTALS	1963	1472	7294	1838	-3984					

SEEDING SCHEDULE

LOCATION	SEEDING CL 2 [ACRE] 25000200	TEMP EROS CONTR SEED [POUND] 28000250	NUTRIENTS				MULCH METHOD 2 [ACRE] 25100115
			NITROGEN FERT NUTR [POUND] 25000400	PHOSPHOROUS FERT NUTR [POUND] 25000500	POTASSIUM FERT NUTR [POUND] 25000600		
STA. 8+59.46 - STA. 11+00.14 LT	0.070	7.0	6.3	6.3	6.3		
STA. 8+59.46 - STA. 11+00.14 RT	0.036	3.6	3.2	3.2	3.2		
STA. 11+00.14 - STA. 16+29.85 LT	0.188	18.8	16.9	16.9	16.9		
STA. 11+00.14 - STA. 13+14.07 RT	0.082	8.2	7.4	7.4	7.4		
STA. 13+20.39 - STA. 23+37.51 RT	0.294	29.4	26.5	26.5	26.5		
STA. 16+43.40 - STA. 34+31.00 LT	0.508	50.8	45.7	45.7	45.7		
STA. 23+50.60 - STA. 25+80.73 RT	0.057	5.7	5.1	5.1	5.1		
STA. 25+94.64 - STA. 34+31.00 RT	0.228	22.8	20.5	20.5	20.5		
STA. 34+31.00 - STA. 50+82.44 LT	0.442	44.2	39.8	39.8	39.8		
STA. 34+31.00 - STA. 34+41.21 RT	0.002	0.2	0.2	0.2	0.2		
STA. 34+58.89 - STA. 39+82.89 RT	0.125	12.5	11.3	11.3	11.3		
STA. 39+92.80 - STA. 40+98.50 RT	0.026	2.6	2.3	2.3	2.3		
STA. 41+13.00 - STA. 49+99.71 RT	0.231	23.1	20.8	20.8	20.8		
STA. 50+16.84 - STA. 54+47.32 RT	0.112	11.2	10.1	10.1	10.1		
STA. 50+84.29 - STA. 54+19.83 LT	0.085	8.5	7.7	7.7	7.7		
TOTALS	2.5	250	225	225	225	2.5	

ENTRANCE SCHEDULE

LOCATION	ENTRANCE TYPE	EXISTING MATERIAL	DRIVE PAVEMENT REM [SQ YD] 44000200	PIPE CULVERT REMOY [FOOT] 50105220	AGG BASE CSE B 4 [SQ YD] 35101600	AGG BASE CSE B 6 [SQ YD] 35101800	PCC DRIVEWAY PVT 6 [SQ YD] 42300200	BIT MATLS PR CT [GALLON] 40800010	AGG PR CT [TON] 40800030	INCIDENTAL HMA SURF [TON] 40800050	AGG BASE CSE A 4 [SQ YD] 35100300	APRON
STA. 9+68 RT	CE	ROCK				78.1						N/A
STA. 13+21 RT	PE	ROCK		21.7	52.2							17.4'
STA. 16+37 LT	PE	ROCK		29.8	15.6							20.0'
STA. 22+93 RT	FE	DIRT		21.7								16.6'
STA. 23+43 RT	PE	ROCK		21.0	13.0							14.1'
STA. 25+87 RT	PE	ROCK		32.0	15.1							18.4'
STA. 33+03 RT	FE	DIRT										19.5'
STA. 34+51 RT	PE	BIT	40.9	20.0				4.2	0.04	1.3	11.9	18.1'
STA. 36+72 LT	FE	DIRT		48.0								24.0'
STA. 39+88 RT	PE	ROCK		26.0	4.3							12.0'
STA. 41+06 RT	PE	CONC	7.9	24.0								14.8'
STA. 50+09 RT	PE	ROCK		27.1	17.1							19.8'
STA. 50+76 LT	PE	ROCK		30.4	8.7							24.0'
TOTALS			48.8	301.7	126.0	78.1	207.7	4.2	0.04	1.3	11.9	

PAVEMENT SCHEDULE

LOCATION	PROCESS MOD. SOIL 12 [SQ YD] 30200650	LIME [TON] 30201500	PORTLAND CEMENT [TON] 30201700	SUB GRAN MAT A 4 [SQ YD] 31100300	SUB GRAN MAT A 8 [SQ YD] 31100700	BIT MATLS PR CT [GALLON] 40600100	AGG PR CT [TON] 40600300	HMA BC 1L-19.0 N70 [TON] 40603085	HMA SC "C" N70 [TON] 40603315	AGGREGATE SHLDS A 6 [SQ YD] 48100500
STA. 8+59.5 - STA. 11+11.04					642.3	275.5	2.3		132.21	172.6
STA. 11+00.14 - STA. 34+00	7962.63	218.97		7962.63				2511.45	1116.20	
STA. 34+00 - STA. 34+31.00	107.33		4.44	107.33				33.85	15.04	
STA. 34+31.00 - STA. 38+00	1277.56		52.89	1277.56				402.95	179.09	
STA. 38+00 - STA. 53+75.40	5454.39	150.00		5454.39				1720.34	764.60	
STA. 53+75.40 - STA. 54+46.18	164.90	4.54		164.90				50.01	22.23	
TOTALS	14967	373.5	57.3	14967	642	276	2.3	4718.6	2229.4	172.6

PAVEMENT REMOVAL SCHEDULE

LOCATION	PAVEMENT REM [SQ YD] 44000100
STA. 8+59.5 - STA. 11+11.04	788.50
STA. 11+00.14 - STA. 34+31	5591.57
STA. 34+31 - STA. 53+60.13	4573.73
STA. 53+60.13 - STA. 54+15.29	159.79
TOTALS	11114

PLOT DATE: 02.08.2010

INITIALS	DATE
DESIGNED R GEORGEN	OCT 2008
CHECKED T HOLDENER	DEC 2008
DRAWN R GEORGEN	OCT 2008
CHECKED T HOLDENER	DEC 2008

Revised 2-17-10