

SUMMARY OF QUANTITIES

LOCATION OF WORK: IL RTE 53 OVER PRAIRIE CREEK
WILL COUNTY

CODE NO.	ITEM	UNIT	TOTAL QTY	CONSTRUCTION TYPE CODE		
				ROADWAY 1000-2A	NB BRIDGE X771-2A	SB BRIDGE X771-2A
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15	15	-	-
67100100	MOBILIZATION	L SUM	1	1	-	-
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1	-	-
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	138	138	-	-
70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	150714	150714	-	-
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1584	1584	-	-
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	960	960	-	-
* 78000200	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FOOT	2779	2779	-	-
* 78000600	THERMOPLASTIC PAVEMENT MARKING-LINE 12"	FOOT	395	395	-	-
* 78001110	PAINT PAVEMENT MARKING LINE 4"	FOOT	70636	70636	-	-
78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	775	775	-	-
78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	117	117	-	-
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	36	36	-	-
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	4	4	-	-
* 78200520	BARRIER WALL MARKERS, TYPE B	EACH	150	138	6	6
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	20	20	-	-
* 78201000	TERMINAL MARKER-DIRECT APPLIED	EACH	4	4	-	-
78300100	PAVEMENT MARKING REMOVAL	SQ FT	144644	144644	-	-
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1	-	-
* 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	20	20	-	-
* 81702410	ELECTRIC CABLE IN CONDUIT, 600V (XLP- TYPE USE) 3- 1/C NO. 4	FOOT	50	50	-	-
* 81800330	AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	FOOT	2700	2700	-	-
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	30	30	-	-
* 83057150	LIGHT POLE, WOOD, 30 FOOT, CLASS 4	EACH	1	1	-	-
* 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1	1	-	-
* 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1	1	-	-
* 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1	1	-	-
* A2006714	TREE, QUERCUS MACROCARPA (BUR OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	3	3	-	-

CODE NO.	ITEM	UNIT	TOTAL QTY	CONSTRUCTION TYPE CODE		
				ROADWAY 1000-2A	NB BRIDGE X771-2A	SB BRIDGE X771-2A
* K1004469	PERENNIAL PLANTS, PRARIE TYPE	UNIT	40	40	-	-
X2503000	MAINTENANCE MOWING	ACRE	3	3	-	-
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	55	55	-	-
* X0322859	WEED CONTROL PRE-EMERGENT GRANULAR HERBICIDE	POUND	9	9	-	-
X0322992	COARSE SAND PLACEMENT, 4"	SQ YD	450	450	-	-
X0323589	REUSABLE ENERGY ABSORBING CRASH TERMINAL (TEMPORARY)	EACH	2	2	-	-
X0325303	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	120	-	16	104
X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	139	-	10	129
X7240500	RELOCATE EXISTING SIGNS	EACH	2	2	-	-
X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	2	2	-	-
X8040400	ELECTRIC UTILITY SERVICE CONNECTION	EACH	1	1	-	-
X8210010	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM, HORIZONTAL MOUNT, 400WATT (INSTALL ONLY)	EACH	14	14	-	-
X8250070	TEMPORARY LIGHTING CONTROLLER (INSTALL ONLY)	EACH	1	1	-	-
X8410113	REMOVE TEMPORARY LIGHTING UNITS AND SALVAGE	EACH	14	14	-	-
X8410118	MAINTENANCE OF TEMPORARY LIGHTING SYSTEM	L SUM	1	1	-	-
XX002909	CLASS SI CONCRETE	CU YD	12.2	-	12.2	-
* XX005978	GROUND ROD SYSTEM INSTALLATION	EACH	17	17	-	-
Z0001900	ASBESTOS BEARING PAD REMOVAL	EACH	56	-	-	56
Z0003300	BASE COURSE REMOVAL (SPECIAL)	SQ YD	515	515	-	-
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	-	-
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2	-	-
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2	-	-
Z0053700	RESETTING SURVEY MONUMENTS	EACH	2	2	-	-
* Z0076600	TRAINEES	HOOR	1000	1000	-	-
X0325861	FURNISHING AND ERECTING PRECAST CONCRETE PANELS	EACH	12	-	12	-
X0325860	TEMPORARY WOOD POLE, 60FT, CLASS 4, WITH 15FT, MAST ARM, INSTALL ONLY	EACH	14	14	-	-
* X0325859	UNIT DUCT, 600V, 3-1/C NO.6, 1/C NO.6 GROUND,(XLP-TYPE USE), 1/4" DIA. POLYETHYLENE	FOOT	50	50	-	-
X0325862	CONCRETE BRIDGE RAILING	FOOT	213	-	213	-

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	4B-1-R	WILL	87	4
STA. 1301+00	TO STA. 1309+00			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 62269

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE TYPE	AC TYPE	AIR VOIDS
ROADWAY	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5MM)	PG 64-22	4%±50 GYR
	HOT-MIX ASPHALT BINDER COURSE, IL-19, N50	*PG 64-22	4%±50 GYR
	LEVELING BINDER (MACHINE METHOD), N50	*PG 64-22	4%±50 GYR
	HOT-MIX ASPHALT BASE COURSE (BINDER IL-19MM)	*PG 64-22	4%±50 GYR
PATCHING	CLASS D PATCHES, 11" (BINDER IL-19MM)	*PG 64-22	4%±50 GYR
SHOULDER	HOT-MIX ASPHALT SHOULDER, 6"	*PG 64-22	2%±30 GYR

NOTES

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LBS/SQ.YD./INCH
- WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

EARTHWORK SCHEDULE

EARTH EXCAVATION															
LOCATION	EARTH EXCAVATION (CU YD)			EARTH EXCAVATION ADJ. FOR SHRK-15% (CU YD)			EMBANKMENT (CU YD)			EARTHWORK BALANCE (CU YD)					
STA. TO STA.	SB	NB	CROSSOVER	SB	NB	CROSSOVER	SB	NB	CROSSOVER	SB	NB	CROSSOVER			
1301+00 1302+00	153.87	411.31		130.79	349.61		0.00	327.15		130.79	22.46				
1302+00 1303+00	153.78	682.22		130.71	579.89		9.98	288.89		120.73	291.00				
1303+00 1304+00	264.72	742.13		225.01	630.81		246.33	345.83		21.32	284.98				
1304+00 1304+45	93.55	209.41		79.52	178.00		133.75	126.16		54.23	51.84				
BRIDGE															
1305+55 1306+00	107.58	68.93		91.44	58.59		175.81	150.43		84.37	91.84				
1306+00 1307+00	355.07	254.28		301.81	216.14		375.09	527.81		73.28	311.67				
1307+00 1308+00	229.13	207.89		194.76	176.71		54.89	471.09		139.87	294.38				
1308+00 1309+00	180.78	240.17		153.66	204.14		0.00	453.48		153.66	249.34				
CROSSOVER															
0+00 1+00	13.34	15.01		11.33	12.75		8.5	1.0		2.83	11.75				
1+00 2+00	18.68	28.51		15.87	24.23		26.51	7.0		10.64	17.23				
2+00 3+00	6.00	20.83		5.1	17.70		47.35	15.5		42.25	2.2				
3+00 4+00	2.50	10.34		1.62	8.78		81.18	22.01		79.56	13.23				
4+00 5+00	7.67	4.17		6.51	3.54		39.34	40.01		32.83	36.47				
5+00 6+00	22.84	22.34		19.41	18.54		21.51	57.01		2.1	38.47				
6+00 7+00	35.01	37.18		29.75	31.60		1.17	22.51		28.58	9.09				
7+00 8+00	35.08	18.50		29.81	15.72		0.0	10.17		29.81	5.55				
8+00 9+00	11.67	13.31		9.91	11.31		0.0	40.31		9.91	29.0				
9+00 10+00		14.84			12.61			1.67			10.94				
10+00 10+86.96		2.83			2.40			0.0			2.40				
TOTALS	1691.25	3004.18		1437.56	2553.58		1181.4	2908.02		1016.76	1773.84				
EARTH EXCAVATION SOUTH BOUND NORTH BOUND TOTAL															
	1691.25			3004.18			1181.4			2908.02			1016.76 1773.84		

- * SPECIALTY ITEM
- * Y080

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL RTE 53 OVER PRAIRIE CREEK
SUMMARY OF QUANTITIES II

SCALE: NONE
DATE: AUGUST 2007
DRAWN BY: JLA/RM/FZ
CHECKED BY: MK/SMK