

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

• FAI 55/70
 • DIST 8 ITS 2006-2
 • MADISON & ST. CLAIR & CITY OF ST. LOUIS, MO

CONTRACT# 76973

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	52	3
STA.	TO STA.			
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

URBAN ST. LOUIS MO.
ST. CLAIR COUNTY
MADISON COUNTY

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION CODE SFTY Y032-1F										SERV. LOC. 5570 MP04.5	CAB. LOC. 5570 MP05.2	PSB PIER 6 TO TMC FO BACKBONE	
				CAB. LOC. PSB PER 1-6	CAB. LOC. PSBC MP00.3	CAB. LOC. OIL03 MP00.3	CAB. LOC. PSBC MP00.7	CAB. LOC. PSBC MP00.9	CAB. LOC. PSBC MP01.4	FEDERAL - 70% CAB. LOC. PSBC MP01.5	CAB. LOC. PSBC MP01.7	STATE - 22% CAB. LOC. PSBC MP02.4	CAB. LOC. MLKB MP00.7				CAB. LOC. PSBC MP02.8
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	180														
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	180														
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	180														
25000115	SEEDING, CLASS 1B	ACRE	2														
25000210	SEEDING, CLASS 2A	ACRE	2														
25100105	MULCH METHOD 1	ACRE	4														
26000250	TEMPORARY EROSION CONTROL SEEDING	POUND	400														400
28000500	WLET AND PIPE PROTECTION	EACH	10														10
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	350		50					50				100	100		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10														10
67100100	MOBILIZATION	L SUM	1														1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2												1	1	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1							0.2				0.1	0.1	0.2	0.1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1														1
72000305	SIGN PANEL - TYPE 3 (SPECIAL)	SQ. FT	66							66							
72700100	STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY	POUND	156							156							
73400100	CONCRETE FOUNDATIONS	CU YD	1.4							1.4							
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	4.0							4.0							
80300100	LOCATING UNDERGROUND CABLE	FOOT	2791		1692		749	100		100				100	50		6.0
80500100	SERVICE INSTALLATION, TYPE A	EACH	6			1				1				1	1		
80801500	WOOD POLE, 25 FT., CLASS 5	EACH	6			1				1				1	1		
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	6							4						2	
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	6736				267	27		366	146	127	46	87	300	73	40
81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	599									256				148	195
81100590	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., ALUMINUM	FOOT	160									160					
X0325470	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., ALUMINUM	FOOT	415					129	5	256		5			5	5	5
81102700	CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., PVC	FOOT	115		115												
81300835	JUNCTION BOX, ALUMINUM, ATTACHED TO STRUCTURE, 18" X 18" X 10"	EACH	37														37
81400400	CONCRETE HANDHOLE	EACH	56														56
81400600	CONCRETE DOUBLE HANDHOLE	EACH	8				1			1				1			
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	35241							370	146	127	46		73	42	4257
83034100	LIGHT POLE, STEEL, 30 FT. M.H., TENON MOUNT	EACH	2										1				
85800300	FLASHER CONTROLLER, WITHOUT CABINET	EACH	1							1							
86300305	CONTROLLER CABINET TYPE III SPECIAL	EACH	3				1			1							
87000105	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (EPR-TYPE TC) 2/C NO. 10 AND NO. 10 GROUND	FOOT	1251.5					855.5	123.5		132.5			84			56
87100110	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 6F	FOOT	6630								132.5		4534.5	1040	84		839
87301715	ELECTRIC CABLE IN CONDUIT, COMM. NO. 18 6 PAIR	FOOT	5335		1000			2256		250		378	1100	84	209		56
87301735	ELECTRIC CABLE IN CONDUIT, COMM. NO. 18 12 PAIR	FOOT	8655					8655									
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3C	FOOT	1300				34		43		21	60.5		350.5	18		783
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1								1						
87800210	CONCRETE FOUNDATION, TYPE D (SPECIAL)	FOOT	24.5				3.5		3.5		3.5	3.5		3.5	3.5		3.5
87900100	DRILL EXISTING FOUNDATION	EACH	10		2			3		3.5				1		3	1
87900200	DRILL EXISTING HANDHOLE	EACH	9									2				6	
88502215	MODIFY EXISTING CONTROLLER FOUNDATION	EACH	2		1					1							
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	5335			1835							3500				
X0322227	CLOSED CIRCUIT TELEVISION CAMERA SYSTEM	EACH	3												1		1
X0322343	LOCATE EXISTING DRAINAGE STRUCTURE	EACH	10														10
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	32620.5														32620.5
X0323228	FURNISH AND INSTALL TRUSS DAMPER	EACH	7														
X0325066	2955 LAYER 2 SWITCH	EACH	1				1		1					1			
X0325075	CONDUIT ATTACHED TO STRUCTURE 4" DIA., FIBER GLASS BULLET RESISTANT	FOOT	892														892
X0325076	WIDE AREA NETWORK	L SUM	1														1
X0325077	FIBER OPTIC UTILITY MARKER	EACH	400														400
X7010600	TRAFFIC CONTROL AND PROTECTION STANDARD 701406, SPECIAL	L SUM	1														1
X8100065	CONDUIT IN TRENCH, 4" DIA., PVC TYPE C	FOOT	29384														29384
X8102020	CONDUIT PUSHED, 4" DIA., SCHEDULE 80	FOOT	1755														1755
X8110128	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC TYPE C	FOOT	5124														5124
X8305420	LIGHT POLE, STEEL, 45 FT. WITH CAMERA LOWERING SYSTEM	EACH	3									1					
X8360100	LIGHT POLE FOUNDATION, 28" DIAMETER	FOOT	30									7.5			7.5		7.5
X8710075	FIBER OPTIC CABLE IN CONDUIT, 72 COND. S.M. F.O.	FOOT	36265														36265
X8730050	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 2 3/C COPPER	FOOT	2963.5														2963.5
X8801100	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	1						1								
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1														1
X0325456	2050T LAYER 2 SWITCH	EACH	4														
X0325457	3550-12C LAYER 2 SWITCH	EACH	4														
X0325458	3550-12C LAYER 3 SWITCH	EACH	4														
X0325459	3750-12S LAYER 3 SWITCH	EACH	6				1							1			1
X0325456	BOX GRD CONDUIT INSTALLATION	L SUM	1		1												1
X0325457	CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., ALUMINUM	FOOT	788														788
X0325459	CONFIGURE DIGITAL VIDEO ENCODER AND DIGITAL VIDEO DECODER	L SUM	1														1
X0325460	CONTROLLER CABINET TYPE III SPECIAL (AIR-CONDITIONED)	EACH	5				1			1							1
X0325461	GLC-T SFP MODULE	EACH	5				1			1							1
X0325462	MEDIA CONVERTER	EACH	3					3									
X0325471	MODIFY EXISTING CONTROLLER CABINET TYPE A1	EACH	1														1
X0325472	MODIFY EXISTING CONTROLLER CABINET TYPE A4	EACH	2						1					1			
X0325073	MODIFY EXISTING CONTROLLER CABINET TYPE B	EACH	4						1					1			
X0325473	MODIFY EXISTING CONTROLLER CABINET TYPE C	EACH	6						1					1			
X0325474	MODIFY EXISTING CONTROLLER CABINET TYPE D	EACH	1						1					1			
X0325475	MODIFY EXISTING CONTROLLER CABINET TYPE E	EACH	1						1					1			
X0325476	MODIFY EXISTING CONTROLLER CABINET TYPE F	EACH	1						1					1			
X0325477	MODIFY EXISTING CONTROLLER CABINET TYPE G	EACH	1						1					1			
X0325478	MODIFY EXISTING CONTROLLER CABINET TYPE H	EACH	1						1					1			
X0325479	MODIFY EXISTING CONTROLLER CABINET TYPE I	EACH	1						1					1			
X0325480	MODIFY EXISTING CONTROLLER CABINET TYPE J	EACH	1						1					1			
X0325481	RELOCATE EXISTING ITS EQUIPMENT TYPE A	EACH	1														1
X0325482	RELOCATE EXISTING ITS EQUIPMENT TYPE B	EACH	1														1
X0325483	RELOCATE EXISTING ITS EQUIPMENT TYPE C	EACH	1														1
X0325484	RELOCATE EXISTING ITS EQUIPMENT TYPE D	EACH	1														1
X0325485	RELOCATE EXISTING ITS EQUIPMENT TYPE E	EACH	1														1
X0325486	RELOCATE EXISTING ITS EQUIPMENT TYPE F	EACH	1														1
X0325487	RELOCATE EXISTING ITS EQUIPMENT TYPE G	EACH	1														1
X0325488	RELOCATE EXISTING ITS EQUIPMENT TYPE H	EACH	1														1
X0325489	RELOCATE EXISTING ITS EQUIPMENT TYPE I	EACH	1														1
X0325490	RELOCATE EXISTING ITS EQUIPMENT TYPE J	EACH	1														1
X0325491	RELOCATE EXISTING ITS EQUIPMENT TYPE K	EACH	1														1
X0325492	RELOCATE EXISTING ITS EQUIPMENT TYPE L	EACH	1														1
X0325493	RELOCATE EXISTING																