

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	0305-302K-L-3	COOK	55	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

URBAN

SUMMARY OF QUANTITIES		TOTAL	ROADWAY	LIGHTING	SURVEILLANCE	
CODE	ITEM	UNIT	100% STATE	1000	Y030-1E	Y032-1F
X8350405	LIGHTING TOWER, 120 FT. MOUNTING HEIGHT, LUMINAIRE MT. -12 (INSTALL ONLY)	EACH	52		52	
83700250	LIGHT TOWER FOUNDATION, 44" DIAMETER	FOOT	1,300		1,300	
82105700	LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT	EACH	215		215	
80700140	GROUND ROD, 5/8" DIA. X 10 FT.	EACH	236		236	
X8160395	UNIT DUCT WITH 3-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (EPR-TYPE-RHW), 1/2" DIA. POLYETHYLENE	FOOT	34,060		34,060	
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	3,240		1,890	1,350
X0324280	LIGHTING CONTROLLER, RADIO CONTROL, DUPLEX TYPE, WITH SCADA AND VIDEO POWER	EACH	2		2	
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2		2	
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1	
X0325038	BUCK BOOST TRANSFORMER, 240 VOLT, SINGLE PHASE	EACH	16		16	
X8710028	FIBER OPTIC CABLE 6 FIBERS, SINGLE MODE	FOOT	24,800			24,800
X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	4,700			4,700
X0323914	FIBER OPTIC SPLICE-LATERAL	EACH	6			6
X0323957	FIBER OPTIC SPLICE-MAINLINE	EACH	1			1
X0324597	CLOSED CIRCUIT TELEVISION CABINET	EACH	14		8	6
X0324807	CLOSED CIRCUIT TELEVISION CABINET EQUIPMENT	EACH	6			6
X0325049	CLOSED CIRCUIT TELEVISION DOME CAMERA (MATERIAL ONLY)	EACH	6			6
X0324237	CCTV DOME CAMERA HIGH MAST TOWER INSTALLATION	EACH	6			6
X0325039	CCTV DISTRIBUTION SUBSYSTEM	L SUM	1			1
X0950130	MODIFY EXISTING LIGHTING CONTROLLER	EACH	1			1
X8160165	UNIT DUCT WITH 2-1/C NO. 4 AND 1/C NO. 6 GROUND, 600V (EPR-TYPE-RHW), 1/4" DIA. POLYETHYLENE	FOOT	7,225			7,225
81300820	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE 18"x12"x10"	EACH	10		10	
X0325047	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE-RHW) 3-1/C NO. 2 AND 1/C NO. 4 GROUND	FOOT	2,600		2,600	
X0325048	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE-RHW) 2-1/C NO. 4 AND 1/C NO. 6 GROUND	FOOT	525			525
X8110119	CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., PVC COATED, RIGID STEEL	FOOT	2,330		1830	500
X8110117	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED, RIGID STEEL	FOOT	960			960
81400100	HANDHOLE	EACH	16			16
81400105	HANDHOLE (SPECIAL)	EACH	1		1	
87900200	DRILL EXISTING HANDHOLE	EACH	2			2
81300960	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE 42"x36"x12"	EACH	4			4
X0325040	FIBER OPTIC INNERDUCT, 1/4" DIA.	FOOT	36,000			36,000
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	29,800		29,800	
81701385	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE USE) 3-1/C 350 MCM	FOOT	200		200	
X8450160	REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	2		2	
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	198		198	
84200705	LIGHTING FOUNDATION REMOVAL, PARTIAL	EACH	159		159	
83050820	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM (INSTALL ONLY)	EACH	22		22	
X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12		12	
X0325041	REMOVE AND REPLACE LIGHTING UNIT IDENTIFICATION DECAL	EACH	100		100	
XX000986	REMOVAL OF EXISTING LUMINAIRE AND SALVAGE	EACH	56		56	

URBAN

SUMMARY OF QUANTITIES		TOTAL	ROADWAY	LIGHTING	SURVEILLANCE	
CODE	ITEM	UNIT	100% STATE	1000	Y030-1E	Y032-1F
82106400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT (INSTALL ONLY)	EACH	56		56	
83600200	LIGHT POLE FOUNDATION, 24" DIA.	FOOT	220		220	
67100100	MOBILIZATION	L SUM	1	1		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	1		
X0325042	MODIFY EXISTING CONNECTION TO SIGN STRUCTURE	EACH	8		8	
X0325043	MODIFY EXISTING UNDERPASS LIGHTING- LOCATION 1	EACH	1		1	
X0325044	MODIFY EXISTING UNDERPASS LIGHTING- LOCATION 2	EACH	1		1	
X0325045	MODIFY EXISTING UNDERPASS LIGHTING- LOCATION 3	EACH	1		1	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
70101800	TRAFFIC CONTROL & PROTECTION, SPECIAL	L SUM	1	1		
X7011015	TRAFFIC CONTROL & PROTECTION, EXPRESSWAY	L SUM	1	1		
81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	350		350	
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	22		22	
X8160370	UNIT DUCT WITH 3-1/C NO.4 AND 1/C NO.6 GROUND, 600V (EPR-TYPE-RHW) 1/4" DIA. POLYETHYLENE	FOOT	5000		5000	
89502205	MODIFY EXISTING CONTROLLER, SPECIAL	EACH	1		1	
X0325046	ELECTRIC CABLE NO.19, 25 PAIR (INSTALL ONLY)	FOOT	6000			6000
81300720	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16"x12"x8"	EACH	1			1
63302700	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2			2
X73000100	WOOD SIGN SUPPORT	FOOT	500		500	

05FTY-36

Rev. 9-13-05

Rev.

HOH
HARRY G. HEFTER - ASSOCIATES, INC. 55 East Jackson Blvd.
DESIGN AND CONSULTING ENGINEERS Chicago, Illinois 60604
312/346-8131
PROJECT NUMBER 2672
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**ILLINOIS ROUTE 53
SUMMARY OF QUANTITIES**

SCALE: VERT. NONE
HORIZ. DATE 2-28-2005

DRAWN BY WDF
CHECKED BY RER