

STREET LIGHTING - BILL OF MATERIALS (ALL SHEETS)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	•	TAZEWELL	1366	1212
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (90-11R-2:90(13, 14, 14-1R-1				
CONTRACT NO. 68201				

PAY ITEM	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	2
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	12
LIGHTING CONTROLLER TYPE CB-RCS 100AMP-240VOLT	EACH	1
LIGHTING CONTROLLER TYPE CB-RCS 200AMP-480VOLT	EACH	1
LIGHTING CONTROLLER PHOTOCELL RELAY	EACH	1
REMOVAL OF TEMPORARY LIGHTING UNITS	EACH	4
REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	16
REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	45
POLE FOUNDATION, REMOVED	EACH	61
ROCK EXCAVATION FOR STRUCTURES	CU. M	7.7
CONDUIT IN TRENCH, 50MM DIA., PVC	METER	598.0
CONDUIT IN TRENCH, 75MM DIA., PVC	METER	844.0
CONDUIT PUSHED, 50MM DIA., PVC	METER	29.0
CONDUIT PUSHED, 75MM DIA., PVC	METER	32.0
CONDUIT ATTACHED TO STRUCTURE, 25MM DIA., GALVANIZED STEEL	METER	344.0
CONDUIT EMBEDDED IN STRUCTURE, 25MM DIA. PVC	METER	17.0
CONDUIT EMBEDDED IN STRUCTURE, 50MM DIA. PVC	METER	67.0
CONDUIT EMBEDDED IN STRUCTURE, 75MM DIA. PVC	METER	386.0
JUNCTION BOX , STAINLESS STEEL, ATTACHED TO STRUCTURE, 150MM X 150MM X 100MM	EACH	41
JUNCTION BOX , STAINLESS STEEL, EMBEDDED IN STRUCTURE, 300MM X 300MM X 200MM	EACH	8
JUNCTION BOX , NON-METALLIC, EMBEDDED IN STRUCTURE, 675MM X 400MM X 300MM	EACH	3
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	1219.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	METER	1609.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	METER	2940.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	METER	1807.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	METER	5400.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	METER	45.0

LIGHT POLE, ALUMINUM, 13.5M M.H., 2.4M DAVIT ARM	EACH	4
LIGHT POLE, ALUMINUM TRANSFORMER BASE 13.5M M.H., 2.4 DAVIT ARM	EACH	8
LIGHT POLE FOUNDATION, 600MM DIAMETER	METER	30.0
LIGHT TOWER FOUNDATION	METER	62.6
UNDERPASS LUMINAIRE, (INSTALL ONLY)	EACH	24
HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	49
LIGHT TOWER, INSTALL ONLY	EACH	9

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LIGHTING SHEET 2 OF 41

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BILL OF MATERIALS
LIGHTING

DRAWN BY DJK
CHECKED BY MKR

DATE: 12/20/04

ab **alfred benesch & company**
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