

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	235
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

60B01

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	IDOT QUANTITY	ISTHA QUANTITY	TOTAL QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2	1	3
80700140	GROUND ROD, 5/8" DIA. X 10 FT.	EACH	37	-	37
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	60	-	60
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	1240	-	1240
81304100	JUNCTION BOX EMBEDDED IN STRUCTURE, 12" x 12" x 6"	EACH	4	-	4
81302000	JUNCTION BOX, CAST IRON, ATTACHED TO STRUCTURE, 4" X 4" X 3"	EACH	-	12	12
81302300	JUNCTION BOX, CAST IRON, ATTACHED TO STRUCTURE, 12" X 8" X 6"	EACH	-	2	2
81603170	UNIT DUCT, 600V, 3-1/C NO.6, 1/C NO.8 GROUND, (EPR-TYPE RHW), 1" DIA. POLYETHYLENE	FOOT	9180	-	9180
81603195	UNIT DUCT, 600V, 3-1/C NO.2, 1/C NO.2 GROUND, (EPR-TYPE RHW), 1 1/4" DIA. POLYETHYLENE	FOOT	60	-	60
81700110	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW), 1/C NO. 10	FOOT	-	3000	3000
81700115	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW), 1/C NO. 8	FOOT	-	125	125
81700225	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW), 2-1/C NO. 6	FOOT	-	250	250
81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	-	75	75
81800415	AERIAL CABLE, 4-1/C NO. 6 WITH MESSENGER WIRE	FOOT	-	9185	9185
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	7665	-	7665
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	42	16	58
83050730	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 8 FT. DAVIT ARM	EACH	14	-	14
83050805	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. DAVIT ARM	EACH	26	-	26
83057435	LIGHT POLE, WOOD, 80 FOOT, CLASS 3, WITH 15FT MAST ARM	EACH	-	4	4
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	296	-	296
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	36	-	36
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	-	14	14
84200800	POLE FOUNDATION, REMOVED	EACH	1	14	15
84400105	RELOCATE EXISTING LIGHTING UNIT	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
JS811001	CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA. GALVANIZED STEEL, PVC COATED	FOOT	-	20	20
JS811002	CONDUIT ATTACHED TO STRUCTURE, 1" DIA. GALVANIZED STEEL, PVC COATED	FOOT	-	720	720
JS811003	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA. GALVANIZED STEEL, PVC COATED	FOOT	-	125	125
JT821002	UNDERPASS LUMINAIRE, 150 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	-	12	12
JS830030	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	-	7	7
JS830034	TEMPORARY WOOD POLE, 70 FT., CLASS 3, 15 FT. MAST ARM	EACH	-	12	12
JS846001	MAINTAIN LIGHTING SYSTEM	L. SUM	-	1	1
X0322695	MAST ARM, STEEL, STREET LIGHTING, 12 FT.	EACH	2	-	2
X0323792	LIGHTING CONTROLLER, SINGLE DOOR, CONSOLE TYPE	EACH	2	-	2
XX002113	TEMPORARY LIGHTING CONTROLLER	EACH	-	1	1
XX006767	LIQUIDTIGHT FLEXIBLE METAL CONDUIT, 3/4"	FOOT	-	20	20

* ISTHA PAY ITEM

LIST OF IDOT DISTRICT ONE STANDARD DRAWINGS

- BE215 - LIGHTING CONTROLLER SINGLE DOOR
- BE220 - ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT
- BE301 - LIGHT POLE FOUNDATION, CONCRETE, <=35 FT. M.H. (15" B.C.)
- BE330 - LIGHT POLE FOUNDATION ON CONCRETE PARAPET WALL
- BE410 - LIGHT POLE, ALUMINUM, DAVIT TYPE, 47.5 FT. M.H.
- BE701 - LUMINAIRE SAFETY CABLE ASSEMBLY
- BE702 - MISCELLANEOUS DETAILS, SHEET A - CABLE SPLICE, POLE WIRING, TRENCH DETAIL

LIST OF IDOT STANDARD DRAWINGS

- 877011 - STEEL COMBINATION MAST ARM ASSEMBLY AND POLE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS RTE 60 OVER I-94
 PROPOSED ROADWAY LIGHTING PLAN
 GENERAL NOTES, LEGEND AND QUANTITIES

S.N. _____ DESIGNED BY: JDM
 SCALE: NONE DRAWN BY: JDM
 DATE: MAY 8, 2007 CHECKED BY: RES

SHEET EL-01 OF 13

NOTES:

1. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST IDOT STANDARDS, NATIONAL ELECTRICAL CODE AS WELL AS THE NATIONAL ELECTRICAL SAFETY CODE.
2. COORDINATE THE INSTALLATION OF TEMPORARY AND PERMANENT ROADWAY LIGHTING WITH THE CONSTRUCTION STAGING.
3. FOR POLE AND LUMINAIRE DETAILS, REFER TO ELECTRICAL PLANS AND SPECIFICATIONS.
4. COORDINATE THE INSTALLATION OF ROADWAY LIGHTING AND UNDERGROUND WORK WITH THE OTHER TRADES.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE EXISTING AND PROPOSED LIGHTING DURING CONSTRUCTION, AS INDICATED ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
6. ALL REMOVED ISTHA POLES ARE TO BE RETURNED TO THE M-06 GARAGE, MARENGO-HAMPSHIRE EXIT ON I-90. AN A-14 WILL BE NEEDED WITH THE AMOUNTS. CONTRACTOR IS TO CALL MARK DALKA AT 630-399-0748 OR THE GARAGE X3506 PRIOR TO DELIVERY TO SET UP ASSISTANCE WITH UNLOADING MATERIAL.

LEGEND

IDOT ITEMS (IL-60)

- PROPOSED 47.5' M.H. LIGHT POLE WITH 400W M-C-III TYPE LUMINAIRE AND 8' DAVIT ARM
- PROPOSED 47.5' M.H. LIGHT POLE WITH 400W M-C-III TYPE LUMINAIRE AND 12' DAVIT ARM
- EXISTING PRIVATE ROADWAY LIGHTING UNIT TO REMAIN
- RELOCATED PRIVATE ROADWAY LIGHTING UNIT
- PROPOSED 47.5' M.H. LIGHT POLE WITH 400W M-C-III TYPE LUMINAIRE AND 12' DAVIT ARM MOUNTED ON PARAPET WALL
- PROPOSED TRAFFIC SIGNAL POST WITH 12' MAST ARM AND 400W M-C-III TYPE LUMINAIRE MOUNTED AT 47.5' (SEE TRAFFIC SIGNAL PLANS FOR EXACT POST LOCATION)
- PROPOSED 240/480V LIGHTING CONTROLLER, SINGLE PHASE, 60 HZ
- PROPOSED POLE MOUNTED ELECTRICAL SERVICE
- PROPOSED JUNCTION BOX, EMBEDDED IN STRUCTURE, 12"x12"x6"
- GROUND ROD, 5/8" DIAMETER X 10 FT.
- PROPOSED 2" CONDUIT, PUSHED WITH 3#6 & 1#8 GROUND IN 1" UD
- PROPOSED UNIT DUCT IN TRENCH, SIZE AS NOTED
- PROPOSED CONDUIT EMBEDDED IN STRUCTURE, SIZE AS NOTED
- RGS RIGID GALVANIZED STEEL
- ATS CONDUIT ATTACHED TO STRUCTURE
- EIS CONDUIT EMBEDDED IN STRUCTURE
- EIC CONDUIT ENCASED IN CONCRETE
- UD UNIT DUCT, 1", WITH 3#6 & 1#8 GROUND, UNLESS OTHERWISE NOTED
- EOP EDGE OF TRAVELLED PAVEMENT

ISTHA ITEMS (RAMPS & UNDERPASS)

- EXISTING TOLLWAY LIGHT POLE TO REMAIN. 50' LIGHT POLE WITH 400W M-C-II TYPE LUMINAIRE WITH 15' MAST ARM
- EXISTING TOLLWAY LIGHT POLE TO BE REMOVED, SEE NOTE 6
- TEMPORARY WOOD POLE. 60' WOOD POLE (TEMP WP)
- TEMPORARY LIGHT POLE WITH 400W LUMINAIRE AND 15' MAST ARM, SIZE AS NOTED
- PROPOSED AERIAL CABLE, 4-1/C #6 WITH MESSENGER WIRE, UNLESS OTHERWISE NOTED
- EXISTING ISTHA LIGHTING CONTROLLER
- TEMPORARY ISTHA LIGHTING CONTROLLER
- PROPOSED 150W UNDERPASS LUMINAIRE

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