

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1441	00-00059-00-BR	KANE	154	144
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**NOTES:**

1. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, THE NATIONAL ELECTRIC SAFETY CODE, AND THE CITY OF BATAVIA ELECTRIC CODE.
2. COORDINATE THE INSTALLATION OF STREET LIGHTING WITH THE CONSTRUCTION STAGING.
3. EXISTING MANHOLES AND HANDHOLES TO BE RE-USED FOR THE NEW ROADWAY LIGHTING MAY CONTAIN TRAFFIC SIGNAL CONTROL WIRES OR OTHER UTILITIES. ANY DAMAGE TO THESE UTILITY LINES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
4. FOR POLE AND LUMINAIRE DETAILS, REFER TO ELECTRICAL PLANS AND SPECIFICATIONS.
5. CONNECT ALL LUMINAIRES TO 120V CIRCUITS.
6. COORDINATE THE INSTALLATION OF STREET LIGHTING AND UNDERGROUND WORK WITH THE OTHER TRADES.
7. THE QUANTITIES FOR ELECTRIC CABLE AND CONDUITS ARE APPROXIMATIONS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ACTUAL QUANTITIES REQUIRED FOR THIS PROJECT.
8. ALL LIGHTING EQUIPMENT ON THE SOUTH SIDE OF THE STREET SHALL BE INSTALLED DURING STAGE 1. ALL NORTH SIDE EQUIPMENT DURING STAGE 2.
9. CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF THE EXISTING AND PROPOSED LIGHTING DURING CONSTRUCTION.
10. ALL LIGHT POLES ARE TO BE INSTALLED 2' BACK FROM FACE OF CURB.

**LEGEND**

- ⊙ EXISTING PEDESTRIAN LIGHTING UNIT
- ⊙ EXISTING PARAPET MOUNTED LIGHTING UNIT
- ⊙ EXISTING GROUND MOUNTED LIGHTING UNIT
- PROPOSED 30' ALUMINUM ORNAMENTAL POLE, 8' MAST ARM AND 250W HPS LUMINAIRE WITH FESTOON OUTLET AND BANNER BRACKETS (RDWY LP)
- PROPOSED TEMPORARY 50' WOOD POLE WITH 15' MAST ARM AND 400W HPS PHOTO-CELL CONTROLLED LUMINAIRE (TEMP LP)
- PROPOSED 14' ALUMINUM ORNAMENTAL POLE, 100W PEDESTRIAN LUMINAIRE WITH PLANTER ARMS (PED LP1)
- PROPOSED 14' ALUMINUM ORNAMENTAL POLE, 50W PEDESTRIAN LUMINAIRE WITHOUT PLANTER ARMS (PED LP2)
- PROPOSED 10' ALUMINUM ORNAMENTAL POLE, 50W PEDESTRIAN LUMINAIRE WITHOUT PLANTER ARMS (PED LP3)
- PROPOSED JUNCTION BOX ATTACHED TO STRUCTURE, 8" x 8" x 6" (JB2)
- PROPOSED JUNCTION BOX EMBEDDED IN STRUCTURE, 4" x 4" x 3" (JB1)
- PROPOSED 60W FLUORESCENT UNDERPASS LUMINAIRE (UND LUM)
- PROPOSED 75W INCANDESCENT LUMINAIRE (STAIR)
- ⊙ PROPOSED 100W HPS PIER LUMINAIRE (PIER 1)
- ⊙ PROPOSED 150W HPS PIER LUMINAIRE (PIER 1)
- PROPOSED 120V GFI RECEPTACLE IN BOX (REC)
- PROPOSED BENCH LIGHTING, INCLUDING 120V GFI RECEPTACLE, UNDER BENCH LIGHT UNITS AND JUNCTION BOXES (BENCH). SEE BENCH LIGHTING DETAIL SHEET.
- ⊥ PROPOSED GROUND ROD, 3/4" x 10'
- PROPOSED CONDUIT ATTACHED TO STRUCTURE, SIZE AS NOTED
- PROPOSED CONDUIT IN TRENCH, SIZE AS NOTED
- PROPOSED CONDUIT EMBEDDED IN STRUCTURE, SIZE AS NOTED
- A/C --- PROPOSED TEMPORARY AERIAL CABLE, 3-1/C #4 WITH MESSENGER WIRE
- R DENOTES ELECTRICAL EQUIPMENT TO BE REMOVED
- RGS RIGID GALVANIZED STEEL
- ATS ATTACHED TO STRUCTURE
- EIS EMBEDDED IN STRUCTURE

SUMMARY OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
80700110	GROUND ROD, 3/4" DIA. x 10 FT.	EACH	16
80800425	TEMPORARY WOOD POLE, 50 FT., CLASS 4, 15 FT. MAST ARM	EACH	2
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	725
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	780
81016100	CONDUIT IN TRENCH, 1/2" DIA., HIGH DENSITY POLYETHYLENE, COILABLE	FOOT	140
81100200	CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., GALVANIZED STEEL	FOOT	160
81200200	CONDUIT EMBEDDED IN STRUCTURE, 3/4" DIA., PVC	FOOT	375
81200210	CONDUIT EMBEDDED IN STRUCTURE, 1" DIA., PVC	FOOT	590
81200210	CONDUIT EMBEDDED IN STRUCTURE, 1 1/2" DIA., PVC	FOOT	480
81300320	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" x 8" x 6"	EACH	4
81300980	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 8" x 8" x 6"	EACH	4
81303950*	JUNCTION BOX, EMBEDDED IN STRUCTURE, 6" x 6" x 6"	EACH	4
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1040
81700120	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW), 1/C NO. 6	FOOT	700
81700315	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW), 3-1/C NO. 10	FOOT	330
81700325	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW), 3-1/C NO. 8	FOOT	400
81700355	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW), 3-1/C NO. 2	FOOT	1200
81701125	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW), 1/C NO. 1/0	FOOT	800
81701145	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW), 1/C NO. 3/0	FOOT	600
81800320	AERIAL CABLE, 3-1/C #4 WITH MESSENGER WIRE	FOOT	540
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	10
82103400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 400 WATT	EACH	2
83600200	POLE FOUNDATION, CONCRETE, 24" DIA.	FOOT	70
XX006762	POLE FOUNDATION, CONCRETE, 15" DIA.	FOOT	89.25
84100110	REMOVAL OF TEMPORARY LIGHTING UNITS	EACH	2
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	22
XXXXXXXX*	LUMINAIRE, SODIUM VAPOR, PEDESTRIAN, PHOTO-CELL CONTROL, 100 WATT	EACH	8
XXXXXXXX*	LUMINAIRE, SODIUM VAPOR, PEDESTRIAN, PHOTO-CELL CONTROL, 50 WATT	EACH	9
XXXXXXXX*	UNDERPASS LUMINAIRE, FLUORESCENT, 60 WATT	EACH	8
XXXXXXXX*	UNDER STAIR LUMINAIRE, INCANDESCENT, 75 WATT	EACH	2
XXXXXXXX*	JUNCTION BOX, EMBEDDED IN STRUCTURE, 4" x 4" x 3"	EACH	14
XXXXXXXX*	LIGHT POLE, ALUMINUM, 30 FT. M.H., 8 FT. MAST ARM	EACH	10
XXXXXXXX*	LIGHT POLE, ALUMINUM, 14 FT., POST TOP, WITH PLANTER ARMS	EACH	8
XXXXXXXX*	LIGHT POLE, ALUMINUM, 14 FT., POST TOP, NO PLANTER ARMS	EACH	6
XXXXXXXX*	LIGHT POLE, ALUMINUM, 10 FT., POST TOP, NO PLANTER ARMS	EACH	3
XXXXXXXX*	GFI RECEPTACLE AND BOX, 120V	EACH	14
XXXXXXXX*	LIQUIDTIGHT FLEXIBLE METAL CONDUIT, 3/4"	FOOT	50
XXXXXXXX*	MAINTAIN LIGHTING SYSTEM	L. SUM	1

\* REQUIRES SPECIAL PROVISION



ILLINOIS DEPARTMENT OF TRANSPORTATION  
WILSON STREET

GENERAL NOTES AND QUANTITIES

REVISIONS	
NAME	DATE

SCALE: 1"=20'  
DATE: 09/28/06

DRAWN BY: JDM  
CHECKED BY: RS

PLT DATE = 09/28/06  
FILE NAME = #FILE#  
USER NAME = ROSEN  
USER NAME = ROSEN