

### LIGHTING NOTES

1. ALL BOLLARD HANDHOLES SHALL FACE ROADWAY.
2. ALL UNDERGROUND BRANCH CIRCUIT CONDUIT SHALL BE SCH40 HDPE. ALL CONDUIT EMBEDDED IN CONCRETE SHALL BE SCH40 PVC. ALL WIRING SHALL BE XLP-TYPE USE.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
  - A. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", AS PREPARED BY IDOT.
  - B. "THE NATIONAL ELECTRICAL CODE".
  - C. LOCAL CODES & STANDARDS.
4. NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN REVIEWED BY THE ENGINEER.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL EQUIPMENT FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL TAG ALL WIRES WITH WIRE MARKERS INDICATING THE CIRCUIT ID IN EVERY POLE BASE, HAND HOLE, CONTROLLER, AND SPLICE/CONNECTION POINT.
7. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED IN EACH HANDHOLE OR OTHER PIECE OF EQUIPMENT.
8. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-892-0123.
9. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
10. THE ELECTRICAL CONTRACTOR SHALL FURNISH TWO FULL SIZE SETS OF RECORD DRAWINGS TO THE ENGINEER UPON COMPLETION OF THE LIGHTING AND ELECTRICAL IMPROVEMENTS. THE DRAWINGS SHALL SHOW THE INSTALLED LOCATION OF ALL LIGHTING EQUIPEMENT AND UNDERGROUND WIRING.
11. THE CONTRACTOR SHALL PERFORM ELECTRICAL TESTING AND VERIFY THAT THE INSTALLATION COMPLIES WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS.

### LIGHTING BILL OF MATERIALS

CODE NO.	DESCRIPTION	UNIT	QUANTITY
81017505	CONDUIT IN TRENCH, 3/4" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	550
81017515	CONDUIT IN TRENCH, 1/4" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	800
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	9
81702420	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 3-1/C NO. 8	FOOT	800
81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	550
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	700
X0324390	FLOOD LIGHTING UNIT	EACH	2
XX002065	LIGHTING UNIT COMPLETE	EACH	12
XX006834	ELECTRICAL CONNECTION TO EXISTING LIGHTING SYSTEM	EACH	1
Z0033026	MAINTENANCE OF EXISTING LIGHTING SYSTEM COMPLETE	LSUM	1

### LEGEND

- ⊕ PROPOSED LIGHTED BOLLARD
- ⓪ PROPOSED GROUND MOUNTED FLOOD LIGHT
- E — PROPOSED WIRE IN CONDUIT AS SHOWN ON PLANS
- Ⓜ PROPOSED COMPOSITE CONCRETE HANDHOLE
- Ⓜ EXISTING LIGHTING CONTROLLER
- B1 - CKT A PROPOSED BOLLARD OR FLOOD LIGHT NUMBER LIGHTING CIRCUIT IDENTIFIER
- S — EXISTING SANITARY SEWER
- T — EXISTING STORM SEWER
- W — EXISTING WATERMAIN
- OH — EXISTING OVERHEAD WIRES
- G — EXISTING GAS LINE

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**WBK** WILLS BURKE KELSEY ASSOCIATES LTD.  
110 West Main Street, Suite 201  
St. Charles, Illinois 60174  
(630) 443-7755

USER NAME = #USER*	DESIGNED - KWB	REVISED -
PLOT SCALE = AS SHOWN	DRAWN - AJD	REVISED -
PLOT DATE = 12/17/2010	CHECKED -	REVISED -
	DATE - 12/17/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STEARNS ROAD /RTE 31 BRIDGE  
LIGHTING NOTES AND BILL OF MATERIALS**

SCALE: AS SHOWN SHEET NO. 75 OF 80 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	09-00214-02-LS	KANE/DUPAGE	80	75
CONTRACT NO.63542				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				