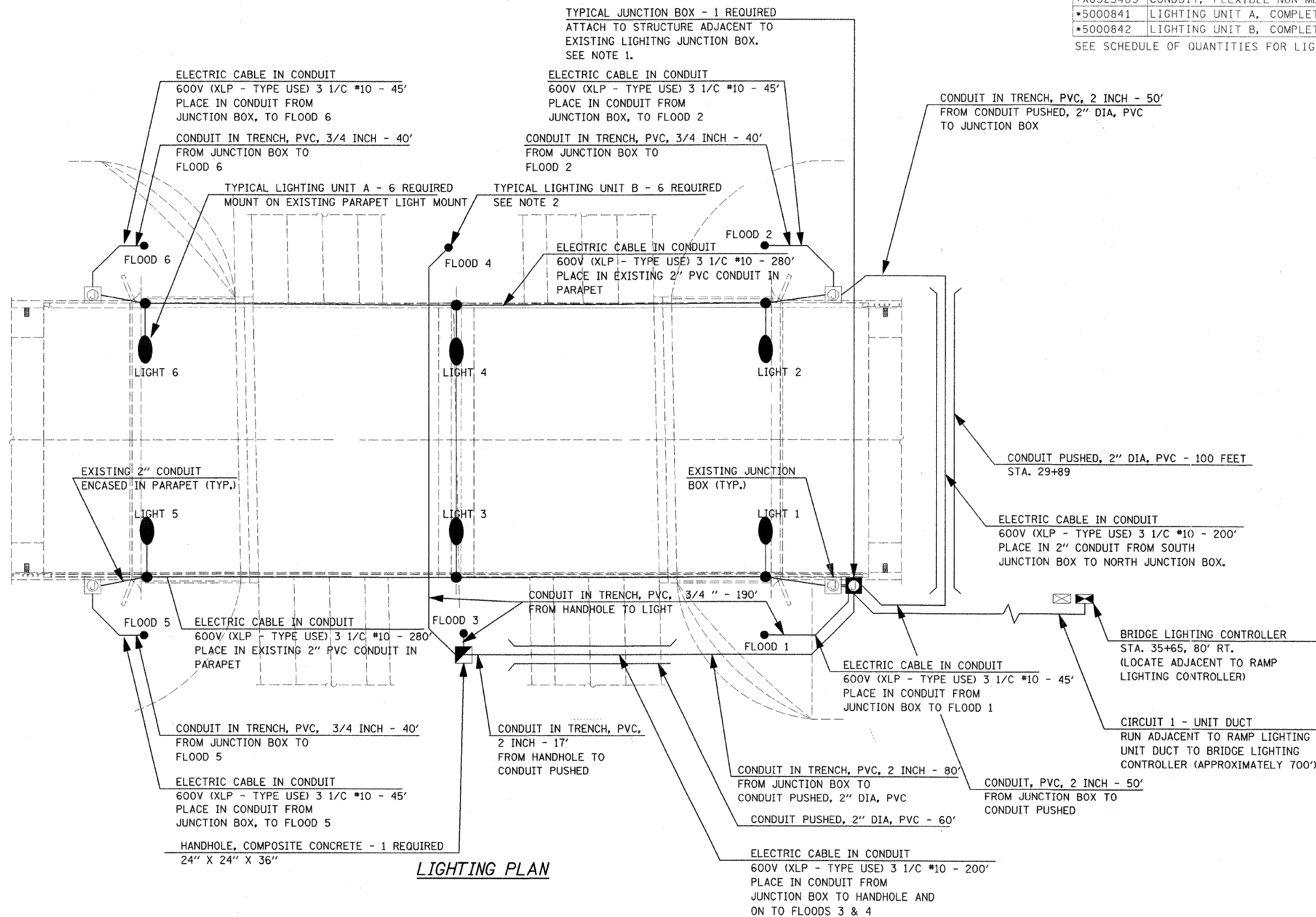


## BRIDGE LIGHTING BILL OF MATERIALS

CODE NO.	DESCRIPTION	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	LUMP SUM	1
81012200	CONDUIT IN TRENCH, 3/4" DIA. PVC	FOOT	317
81012600	CONDUIT IN TRENCH, 2" DIA. PVC	FOOT	205
81021330	CONDUIT PUSHED, 2" DIA. PVC	FOOT	160
81300800	JUNCTION BOX, SS, ATTACH TO STRUCT., 18" X 12" X 6"	EACH	1
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	1
81603035	UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	700
81702450	ELEC. CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3 1/C #10	FOOT	1252
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1171
82500510	LIGHTING CONTROLLER TYPE CB-RCS 60 AMP 240 VOLT	EACH	1
*X0325403	CONDUIT, FLEXIBLE NON-METALLIC, WEATHERPROOF, 2"	EACH	4
*5000841	LIGHTING UNIT A, COMPLETE	EACH	6
*5000842	LIGHTING UNIT B, COMPLETE	EACH	6

SEE SCHEDULE OF QUANTITIES FOR LIGHTING SCHEDULE



**LIGHTING PLAN**

**NOTES:**

- BRING CIRCUITS UP INTO JUNCTION BOX THROUGH RIGID CONDUIT IN TRENCH. CONNECT CONDUITS TO JUNCTION BOX WITH LIQUID TIGHT FLEXIBLE CONDUIT (6' MAX LENGTH) TO ACCOMMODATE MOVEMENT OF PARAPET WALL WITH RESPECT TO THE CONDUIT PENETRATING THE GROUND. CONNECT JUNCTION BOXES TOGETHER WITH 2-2" NIPPLES.
- COORDINATE FINAL FIXTURE LOCATION AND AIMING WITH ENGINEER IN THE FIELD. FLOODS 3 & 4 AND ASSOCIATED HANDHOLES SHALL BE OFFSET 3' FROM COLUMN CENTERLINE TO BE OUT OF DITCH FLOWLINE. LAMPS FOR FLOODS 1,2,5, & 6 SHALL BE 70W M.H. LAMPS FOR FLOODS 3 & 4 SHALL BE 100W M.H.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

## LIGHTING PLAN

SCALE: As Noted  
DATE: 01/04/08

DRAWN BY RS  
CHECKED BY MTP

DESIGN FIRM REGISTRATION  
No. 184-000450  
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