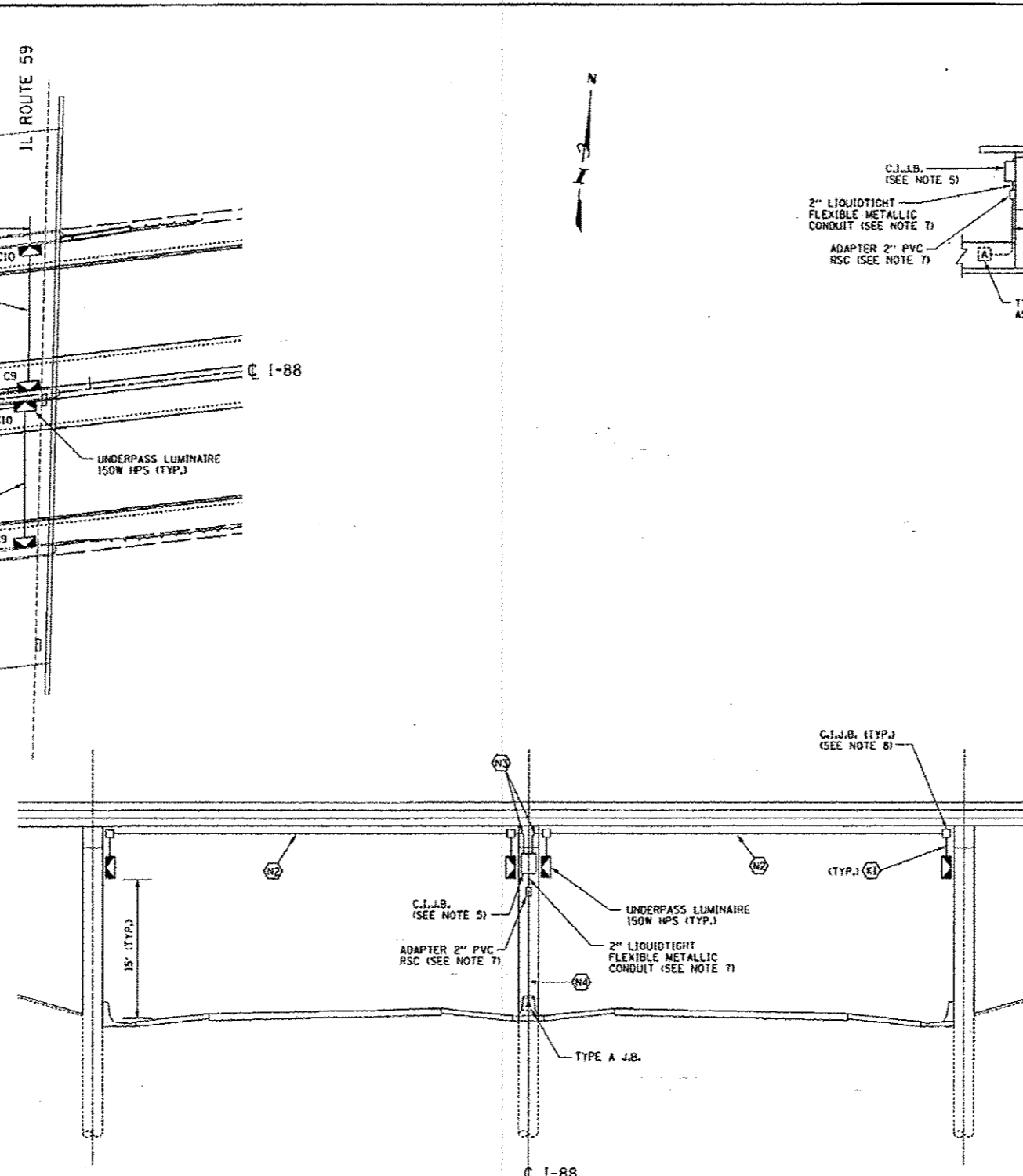
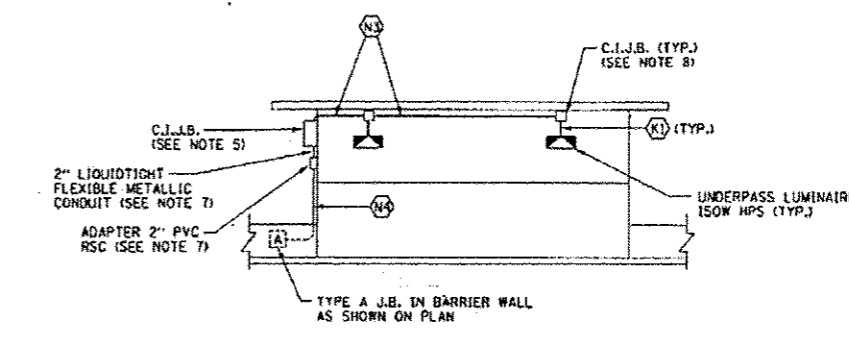


PLAN
NTS



SECTION A-A
NTS



ELEVATION OF PIER
NTS

CABLE GROUPING LEGEND

- (K1) 3/4" PVC COATED RGS CONDUIT, 2 #10 AND 1 #10 GROUND (ALL 600V TYPE XHHW) ATTACHED TO STRUCTURE
- (N2) 1" PVC COATED RGS CONDUIT, 2 #10 AND 1 #10 GROUND (ALL 600V TYPE XHHW) ATTACHED TO STRUCTURE
- (N3) 1" PVC COATED RGS CONDUIT, 4 #10 AND 1 #10 GROUND (ALL 600V TYPE XHHW) ATTACHED TO STRUCTURE
- (N4) 2" PVC COATED RGS CONDUIT, 4 #10 AND 1 #10 GROUND (ALL 600V TYPE XHHW) ATTACHED TO STRUCTURE

NOTES:

1. EXPANSION FITTINGS SHALL BE FURNISHED AND INSTALLED IN CONDUIT RUNS AT ALL STRUCTURAL EXPANSION JOINTS.
2. PVC COATED CONDUIT CLAMP AND CLAMP BACK ON 5'-0" CENTERS. (TYPICAL) ATTACH WITH EXPANSION ANCHORS (MIN. 2" LONG) EXPANSION ANCHORS SHALL BE HOT DIPPED GALVANIZED AS MADE BY PARABOLT KWIK-BOLT DR WEJ-IT.
3. EXPANSION FITTINGS AT WALL JOINTS SHALL BE O.Z. GEDNEY TYPE DX EXPANSION-DEFLECTION FITTINGS OR APPROVED EQUAL ALLOWING A MOVEMENT OF 3/4" IN ALL DIRECTIONS AND A DEFLECTION OF 30° FROM NORMAL IN ALL DIRECTIONS.
4. ALL 5-KV CABLE IN CABLE DUCT SHALL BE TESTED PRIOR TO CONNECTING ANY 600 VOLT CABLE SERVING THE WALL MOUNTED LIGHTING.
5. 12"x8"x6" CAST IRON (C.I.) JUNCTION BOX WITH 4 BUSS HEB RCL-A "TRON" IN-LINE FUSE HOLDERS & FUSES FOR WALL MOUNTED LUMINAIRE CIRCUITS, FUSES & HOLDERS WILL BE CONSIDERED AS INCIDENTAL TO C.I.J.B. (12"x8"x6").
6. LUMINAIRES SHALL BE SURFACE MOUNTED TO WALL WITH UNISTRUT P5500 STAINLESS STEEL CHANNELS (1/2 GAUGE) TO PROVIDE A MINIMUM CLEARANCE OF 2" BETWEEN THE BACK OF LUMINAIRE AND THE FACE OF THE WALL.
7. CONDUIT CONTAINS 4 #10 AND 1 #10 GROUND (ALL 600V TYPE XHHW). FITTING AND LIQUIDTIGHT METALLIC CONDUIT ARE INCIDENTAL TO C.I.J.B. (12"x8"x6"), NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. CAST IRON JUNCTION BOX (C.I.J.B.). 4"x4"x3".
9. LOCATE CENTERLINE OF 45' LUMINAIRE SPACING AT CENTERLINE OF ILLINOIS ROUTE 59 OVERPASS.

RDL-35

DRAWN BY JDM	SCALE NONE	KAM ENGINEERING, INC. CONSULTING ENGINEERS 707A Davis Road, Suite 205 Elgin, Illinois 60123-1369	THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY 2700 OGDEN AVENUE DOWNERS GROVE, ILLINOIS 60515	<table border="1"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3/01/05</td> <td>NEW SHEET</td> </tr> </tbody> </table>	REVISIONS			NO.	DATE	DESCRIPTION	1	3/01/05	NEW SHEET	CONTRACT NO. RR-04-5198 UNDERPASS LIGHTING I-88 UNDER IL RT 59	DRAWING NO. 306 OF 601
REVISIONS															
NO.	DATE	DESCRIPTION													
1	3/01/05	NEW SHEET													
CHECKED BY SM	DATE 3/1/05														

FOR INFORMATION ONLY

FILE NAME: 44-11-01-1	USER NAME: JDM	DESIGNED: MCP	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING LIGHTING PLAN (FOR REFERENCE)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN: MLB	REVISED: -			338	(112 & 113) WRS-5	DUPAGE	963	584	
		CHECKED: MCP	REVISED: -			LT-29 CONTRACT NO. 60131					
		DATE: 10/15/2012	REVISED: -			SCALE: AS SHOWN SHEET NO. 9 OF 9 SHEETS STA. 4038+00 TO STA. 4044+00					