

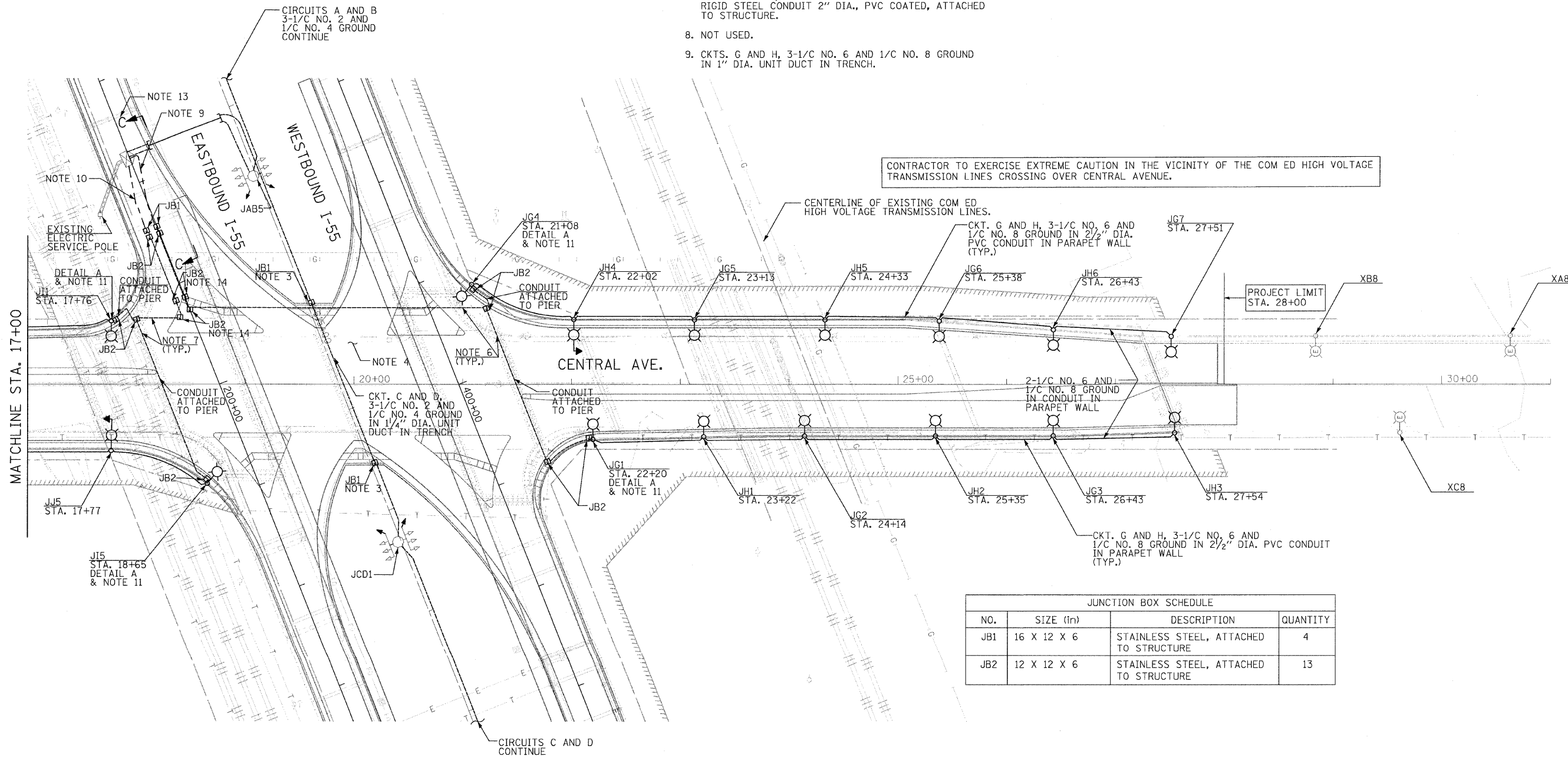
**ELECTRICAL SYMBOLS**

- 35FT MH ALUMINUM POLE, 8FT MAST ARM, 200W HPS LUMINAIRE.
- EXISTING 32FT MH ALUMINUM POLE 6FT MAST ARM, 200W HPS LUMINAIRE.
- 35FT MH COMBINATION TRAFFIC SIGNAL/LIGHT POLE, 8FT MAST ARM, 200W HPS LUMINAIRE.
- PROPOSED TOWER LUMINAIRE, 750W HPS. EXISTING TOWER AND LUMINAIRE (750W HPS) TO REMAIN IN PLACE. ARROWS INDICATE THE QUANTITY AND ORIENTATION OF THE LUMINAIRES.

- EXISTING LIGHTING CONTROL CABINET
- EXISTING ELECTRIC SERVICE POLE
- JUNCTION BOX ATTACHED TO STRUCTURE, SIZE AS INDICATED IN SCHEDULE.
- RACEWAY UNDERGROUND
- EXISTING RIGID STEEL CONDUIT IN TRENCH
- EMBEDDED CONDUIT IN STRUCTURE
- EXPOSED CONDUIT
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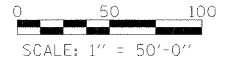
**NOTES:**

1. SEE DRAWING E-1 FOR ELECTRICAL GENERAL NOTES.
2. SEE DRAWING E-2 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS AND SCHEDULE OF QUANTITIES.
3. RECOVER SUFFICIENT LENGTH OF EXISTING UNIT DUCT IN TRENCH WITH EXISTING 3-1/2\"/>
4. SEE DRAWING E-8 FOR PROPOSED UNDERPASS LIGHTING.
5. NOT USED.
6. CKTS. G AND H, 3-1/2\"/>
7. CKTS. I AND J, 3-1/2\"/>
8. NOT USED.
9. CKTS. G AND H, 3-1/2\"/>
10. CKTS. I AND J, 3-1/2\"/>
11. INSTALL A JB2 JUNCTION BOX OVER THE STUBBED CONDUIT BENEATH THE LIGHT POLE FOUNDATION AS SHOWN IN DETAIL A, SHEET E-9.
12. DISCONNECT CIRCUITS A, B, C AND D FROM 70A BREAKERS. FURNISH, INSTALL AND CONNECT FOUR (4) 80A BREAKERS TO CIRCUITS A, B, C AND D. CONNECT CIRCUITS E, F, G, H, I, J TO SEPARATE 70A BREAKERS.
13. SEE DRAWING E-9 FOR SECTION C-C.
14. SEE DRAWING E-9 DETAIL B FOR CONDUIT ROUTING OVER FACIA BEAM.



**JUNCTION BOX SCHEDULE**

NO.	SIZE (in)	DESCRIPTION	QUANTITY
JB1	16 X 12 X 6	STAINLESS STEEL, ATTACHED TO STRUCTURE	4
JB2	12 X 12 X 6	STAINLESS STEEL, ATTACHED TO STRUCTURE	13



E-6

<p><b>SINGH</b> SINGH &amp; ASSOCIATES, INC. CONSULTING ENGINEERS</p>	USER NAME = #USER# PLOT SCALE = #SCALE# PLOT DATE = 3/22/2011	DESIGNED - VG DRAWN - YJ CHECKED - GR DATE - 3-25-2011	REVISED - REVISED - REVISED - REVISED -	<p><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>CENTRAL AVENUE OVER I-55 PROPOSED LIGHTING PLAN</b></p>	F.A. RTE. 55 SECTION 9(H), HB & SBIR-1 COUNTY COOK TOTAL SHEETS 741 SHEET NO. 214 CONTRACT NO. 60999
	SCALE: 50 SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

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