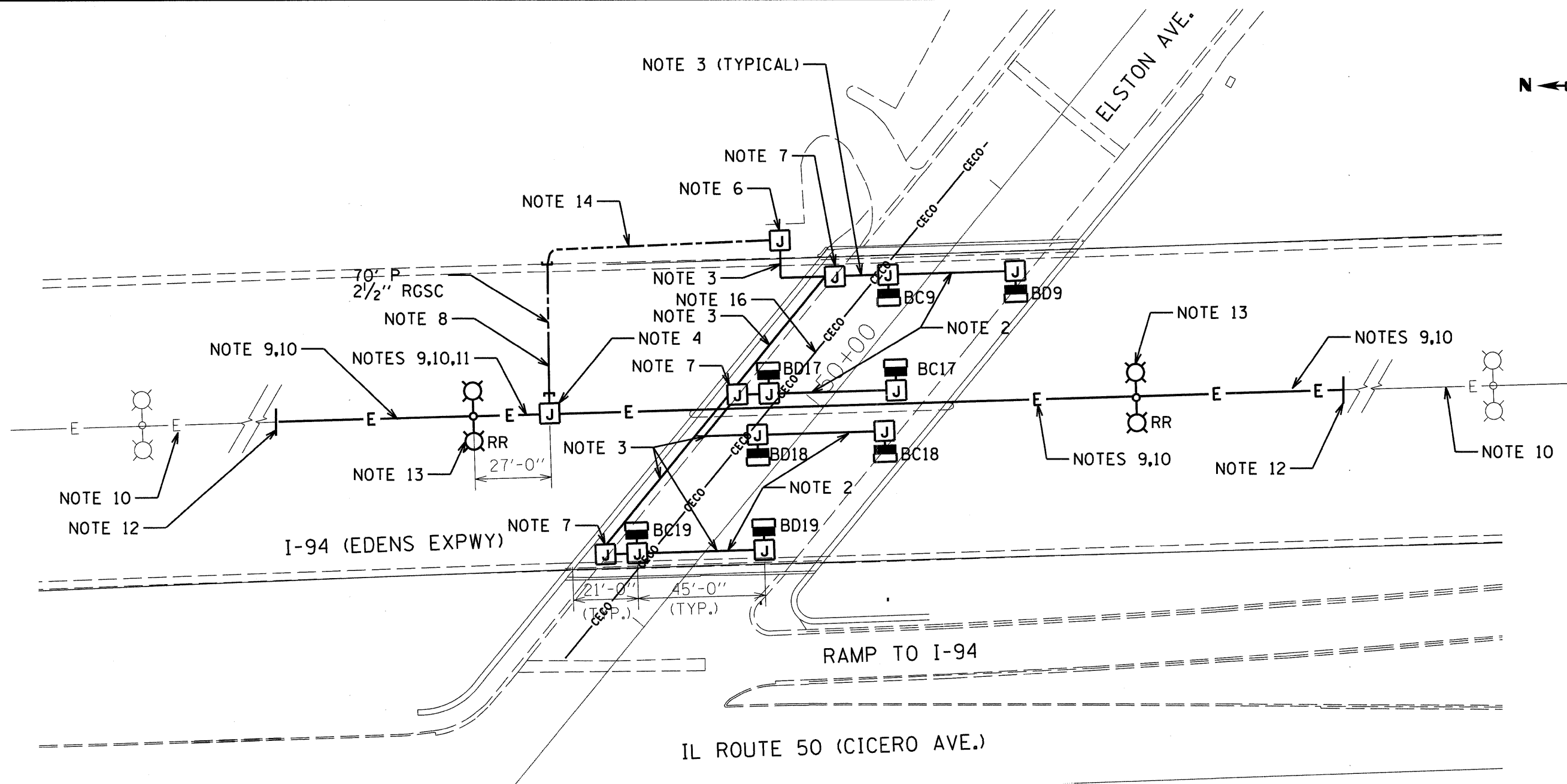


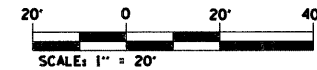
\$PENTBLS\$

\$PLTDVRS\$



NOTES

1. MOUNT UNDERPASS LUMINAIRES ON ABUTMENT WALL 16'-0" MINIMUM ABOVE GRADE. REFER TO SHEET E-9 FOR UNDERPASS LIGHTING DETAILS.
2. 1" PVC COATED RGSC WITH 2-1/C#10 AND 1-1/C #10 GROUND ATTACHED TO STRUCTURE.
3. 1" PVC COATED RGSC WITH 3-1/C#10 AND 1-1/C #10 GROUND ATTACHED TO STRUCTURE.
4. EMBED 20"X13"X12" COMPOSITE CONCRETE JUNCTION BOX IN CONCRETE MEDIAN BARRIER. COVER SHALL BE FLUSH WITH EAST FACE OF BARRIER. REFER TO SHEET E-11 FOR JUNCTION BOX DETAILS.
5. UNLESS NOTED OTHERWISE ALL JUNCTION BOXES ATTACHED TO STRUCTURE SHALL BE 6"X6"X4" STAINLESS STEEL.
6. MOUNT 16"X14"X6" STAINLESS STEEL JUNCTION BOX TO NORTH WINGWALL 9'-0" ABOVE GRADE. REFER TO SHEET E-13 FOR WIRING DETAIL.
7. ATTACH 12"X10"X6" STAINLESS STEEL JUNCTION BOX TO STRUCTURE.
8. PUSH 1-2 1/2" RGSC UNDER ROADWAY. INSTALL 3/4" UNIT DUCT WITH 3-1/C #10 AND 1-1/C#10 GROUND FOR UNDERPASS LIGHTING.
9. EMBED 3-4" PVC CONDUITS IN NEW MEDIAN BARRIER. REFER TO SHEET E-11 FOR DETAILS.
10. INSTALL 1-1/4" UNIT DUCT WITH 3-1/C #4 AND 1-1/C#4 GROUND LIGHTING CONDUCTORS IN 4" PVC EMBEDDED IN MEDIAN BARRIER BETWEEN LIGHT UNITS FOR MEDIAN BARRIER MOUNTED LIGHT UNITS
11. INSTALL 3/4" UNIT DUCT WITH 3-1/C #10 AND 1-1/C#10 GROUND UNDERPASS LIGHTING CONDUCTORS IN 4" PVC EMBEDDED IN MEDIAN BARRIER BETWEEN LIGHT UNIT AND JUNCTION BOX FOR UNDERPASS LIGHTING.
12. CONNECT NEW EMBEDDED 4" PVC CONDUITS TO EXISTING 4" PVC CONDUITS WITH THE PROPER SIZE COUPLINGS IN BASE OF MEDIAN BARRIER.
13. REMOVE AND REPLACE EXISTING LIGHTING UNIT. INSTALL NEW CONCRETE FOUNDATION FOR MEDIAN BARRIER LIGHT POLE IN SAME LOCATION AS EXISTING.
14. INSTALL 3/4" UNIT DUCT WITH 3-1/C #10 AND 1-1/C#10 GROUND LIGHTING CONDUCTORS IN TRENCH FOR UNDERPASS LIGHTING.
15. INSTALL CONDUIT EXPANSION COUPLING AT EACH MEDIAN BARRIER EXPANSION JOINT. REFER TO DETAIL ON SHEET E-12.
16. CONDUITS AND CABLES TO BE RELOCATED BY COMED.



E-10

FILE NAME = \$FILES\$
PLOT DATE = \$DATE\$

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DESIGNED	I. A. B.	REVISED	
DRAWN	R. B. G.	REVISED	
CHECKED	A. D. O.	REVISED	
DATE	MAY 2010	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN - IDOT
ELSTON AVENUE OVER I-94**

SCALE: 1" = 20' SHEET NO. 1 OF SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	0101.8B	COOK	139	60
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 60C18	