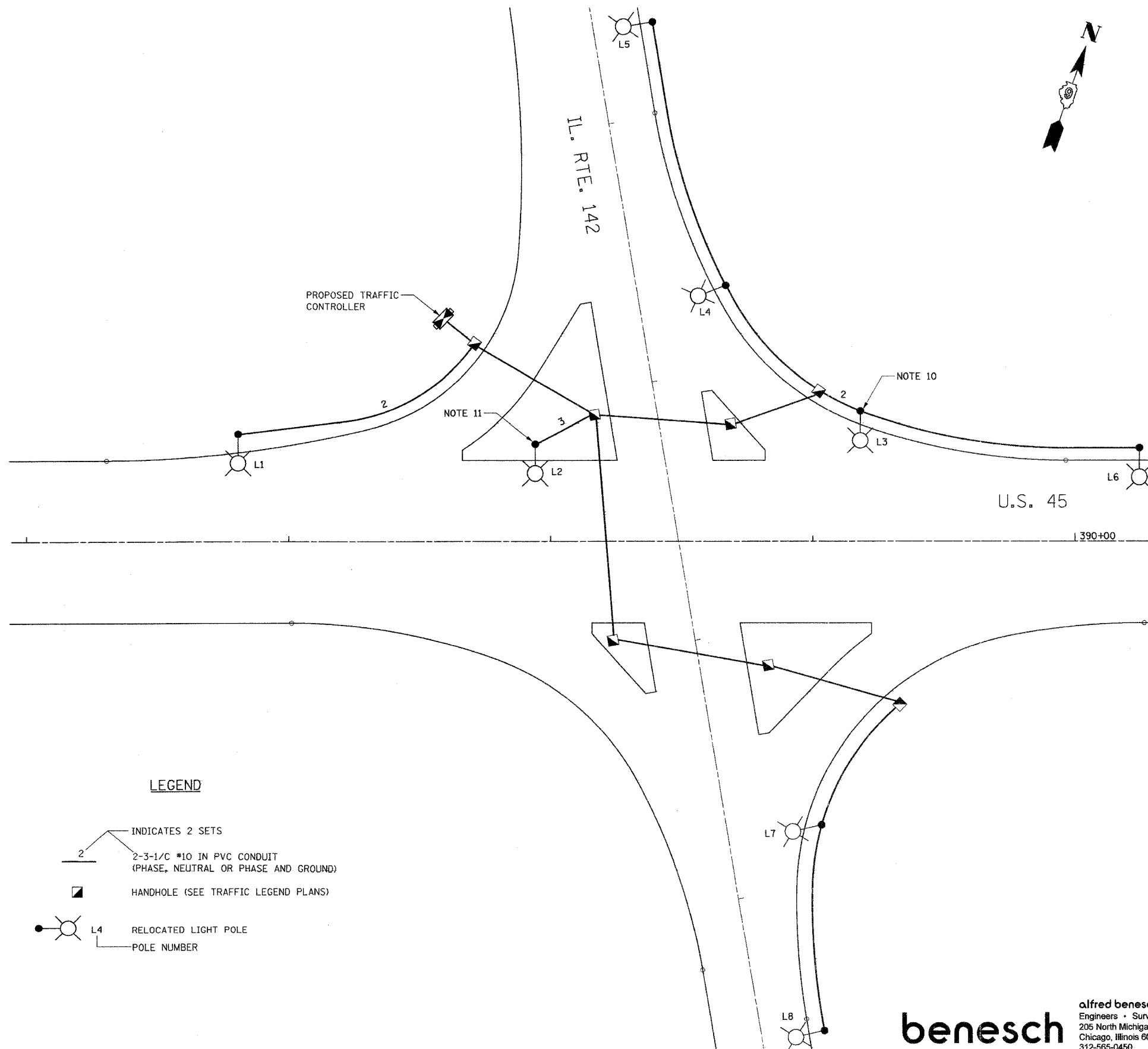


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	31-1-2, 31B	SALINE	199	96
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GENERAL NOTES-LIGHTING PLAN

1. A 30 AMP CIRCUIT BREAKER WILL BE ADDED TO THE PROPOSED TRAFFIC CONTROLLER. THIS CIRCUIT BREAKER WILL BE DEDICATED TO THE FEED FOR THE STREET LIGHTING IN THE AREA.
2. ALL CONDUCTORS MUST BE COLOR CODED. PHASE (BLACK OR RED), NEUTRAL (WHITE), GROUND (GREEN). CONDUCTORS WILL BE CONTINUOUS WITHOUT SPLICES FROM THE LIGHT POLE TO THE HANDHOLE AND BETWEEN HANDHOLES AND TO THE CONTROLLER.
3. SPLICING OF LIGHTING CONDUCTORS WILL NOT BE PERMITTED IN THE BELOW GRADE HANDHOLES. SPLICING WILL BE DONE AT THE POLE HANDHOLES ONLY.
4. LIGHT POLES SHALL HAVE FUSES AND FUSE HOLDERS PER SS SEC. 1065.01.
5. POLE WIRE WILL BE #10 AWG PER SS SEC. 1066.09.
6. THE LIGHTING INSTALLATION WILL COMPLY WITH APPLICABLE NEC CODE AND STANDARDS.
7. CONTRACTOR SHALL MATCH THE LUMINAIRE INPUT VOLTAGE WITH SERVICE VOLTAGE AT THE POLE HANDHOLE. IF THE LUMINAIRE INPUT VOLTAGE IS DIFFERENT FROM THE SERVICE VOLTAGE, THE CONTRACTOR WILL BE PERMITTED TO REPLACE THE BALLAST, LUMINAIRE OR TRANSFORMER AT NO ADDITIONAL COST TO THE CONTRACT TO MAKE THE LIGHTING SYSTEM OPERATIONAL.
8. CONTRACTOR WILL COMPLY WITH GENERAL ELECTRICAL/LIGHTING REQUIREMENTS PER SS SECTION 801. LIGHTING WILL BE MAINTAINED OPERATIONAL EVERY NIGHT AND THE COST OF MAINTENANCE IS INCLUDED IN THE RELOCATION OF EXISTING LIGHTING UNIT ITEM.
9. LIGHTING SYSTEM WILL COMPLY WITH NEC 250 AND SEC. 806 FOR GROUNDING REQUIREMENTS, THIS WORK WILL NOT BE PAID SEPARATELY BUT WILL BE INCLUDED IN THE ELECTRIC CABLE IN CONDUIT PAY ITEM.
10. SPLICE BOTH LIGHT UNITS L4 AND L6 TO L3 AT LIGHT POLE HANDHOLE.
11. SPLICE BOTH LIGHT UNITS L3 AND L7 TO L2 AT LIGHT POLE HANDHOLE.



LEGEND

- 2 — INDICATES 2 SETS
- 2-3-1/C #10 IN PVC CONDUIT (PHASE, NEUTRAL OR PHASE AND GROUND)
- HANDHOLE (SEE TRAFFIC LEGEND PLANS)
- ⊙ L4 RELOCATED LIGHT POLE
- POLE NUMBER

L-2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL RTE 142 AT U.S. 45
LIGHTING WIRING PLAN

SCALE: NONE
DATE

DRAWN BY DJK
CHECKED BY RCG

benesch

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