

F.A.I. RTE. 90/94	SECTION 2003-0311	COUNTY COOK	TOTAL SHEETS 976	SHEET NO. 326
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

62583

**LEGEND**

- HIGH MAST LIGHT TOWER.
- 400 W. HPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- HIGH MAST TOWER DESIGNATION.
- EXISTING LIGHTED SIGN STRUCTURE WITH 170 WATT FLUORESCENT LUMINAIRES, QUANTITY OF LUMINAIRES AS REQUIRED. (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- 3 POLE SAFETY SWITCH
- LIGHTED SIGN STRUCTURE WITH 170 W. FLUORESCENT LUMINAIRES, QUANTITY OF LUMINAIRES AS REQUIRED. (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- 3 POLE SAFETY SWITCH
- UNDERPASS LIGHTING UNIT, 70 WATT HPS LUMINAIRE, UNLESS NOTED OTHERWISE. (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- LIGHTING CONTROLLER
- GROUND FIELD
- ELECTRIC UTILITY SERVICE
- CLOSED CIRCUIT TELEVISION CAMERA
- TEMPORARY AERIAL CABLE 3\*2 WITH MESSENGER
- EXISTING AERIAL CABLE
- TEMPORARY LIGHTING UNIT, 400 WATT HPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)

CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	13.6	3,264	B	13.6	3,264
C	16.4	3,936	D	16.4	3,936
E	28.8	6,912	F	28.0	6,720
G	10.6	2,544	H	12.6	3,024
I	29.7	7,128	J	31.3	7,512
K	13.6	3,264	L	13.6	3,264
M	12.6	3,024	N	10.7	2,568
O			P		
TOTAL	125.3	30,072	TOTAL	126.2	30,288

SL06-10

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)  
31st STREET TO I-57

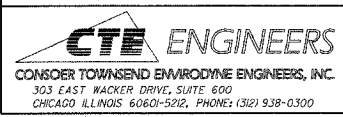
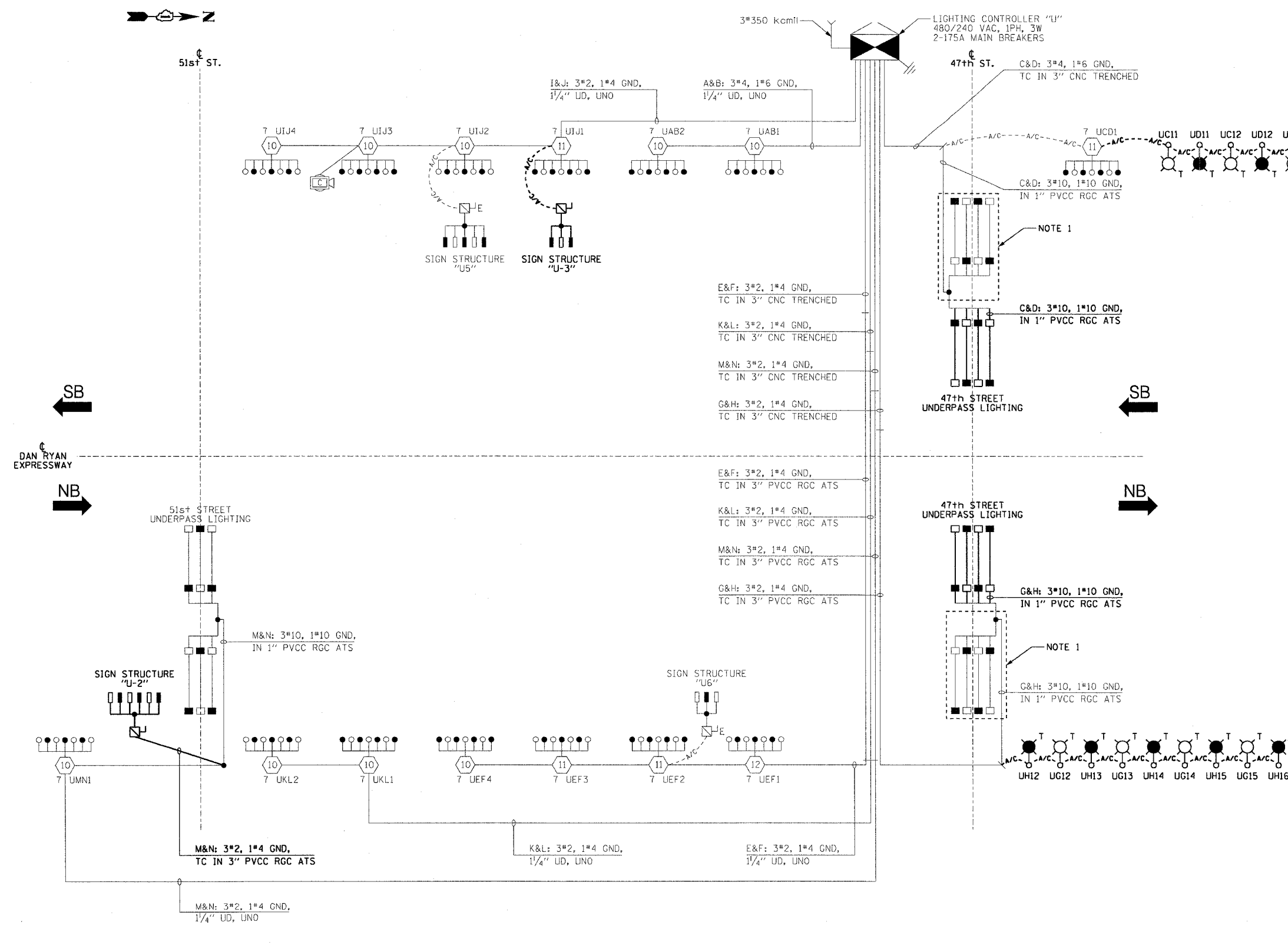
**SINGLE LINE DIAGRAM  
LIGHTING CONTROLLER "U"  
PROPOSED IMPROVEMENTS 2006**

SCALE: NOT TO SCALE DRAWN BY: CJM  
DATE: October 29, 2004 CHECKED BY: WDS

**NOTES:**

- EXISTING UNDERPASS LIGHTING UNITS, 55 WATT LPS LUMINAIRE. (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED ITEMS AND WORK.

**SINGLE LINE DIAGRAM  
LIGHTING CONTROLLER "U"  
NOT TO SCALE**



10/15/2004 07:06:12 PM