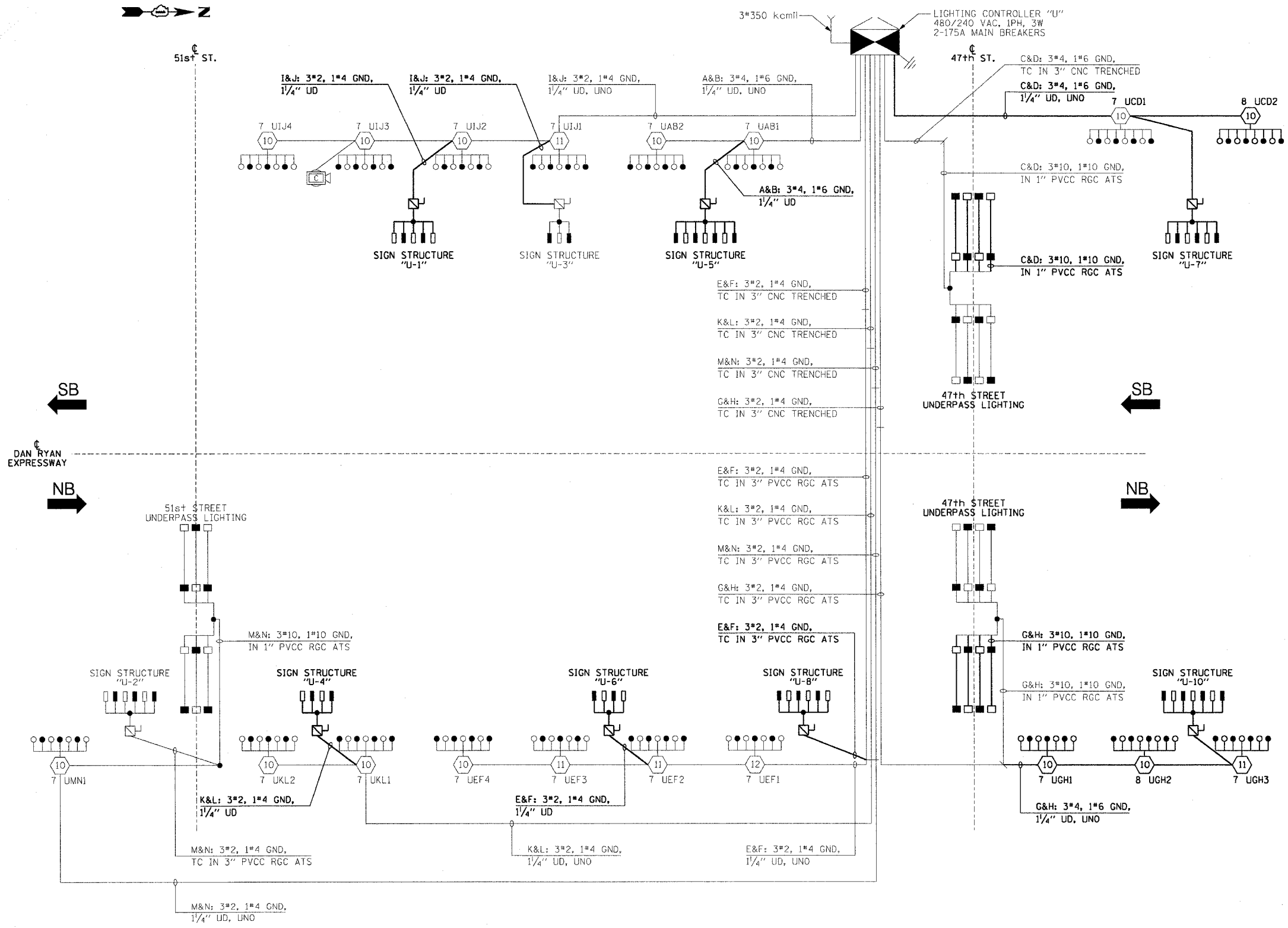


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**LEGEND**

- HIGH MAST LIGHT TOWER.
- 400 W. HPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- HIGH MAST TOWER DESIGNATION.
- 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. (BLACK PHASE- SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- LIGHTING CONTROLLER
- GROUND FIELD
- ELECTRIC UTILITY SERVICE
- CLOSED CIRCUIT TELEVISION CAMERA



CIRCUIT	RED PHASE		BLACK PHASE		
	AMPS	WATTS	AMPS	WATTS	
A	16.1	3,864	B	17.0	4,080
C	19.2	4,608	D	21.1	5,064
E	31.3	7,512	F	31.3	7,512
G	26.9	6,456	H	27.7	6,648
I	30.5	7,320	J	30.5	7,320
K	15.3	3,672	L	15.3	3,672
M	12.6	3,024	N	10.7	2,568
O			P		
TOTAL	151.9	36,456	TOTAL	153.6	36,864

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

**NOTES:**

- UNLESS NOTED OTHERWISE, ALL ITEMS AND WORK SHOWN IN HEAVY LINE WEIGHT ON THIS DRAWING ARE PROPOSED ITEMS AND WORK.

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 2007

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