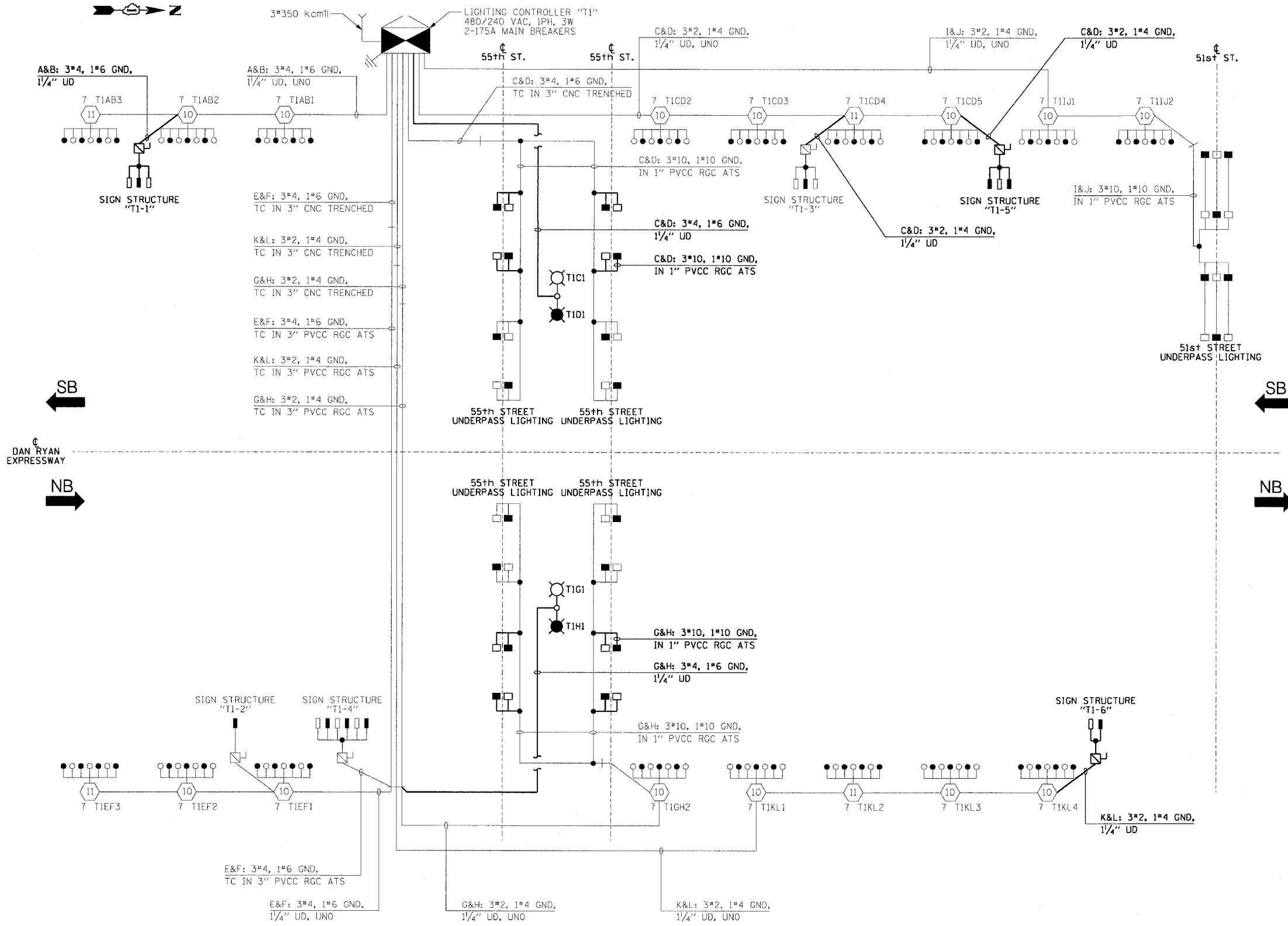


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	976	339
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

62583

**LEGEND**

- HIGH MAST LIGHT TOWER.
- 400 W. HPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- HIGH MAST TOWER DESIGNATION.
- 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, 70W HPS LUMINAIRE. (BLACK PHASE- SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- LIGHTING CONTROLLER
- GROUND FIELD
- ELECTRIC UTILITY SERVICE
- R1A4 LUMINAIRE DESIGNATION
- CONVENTIONAL LIGHTING UNIT, 2-310 WATT HPS LUMINAIRES. (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- RIB4
- CLOSED CIRCUIT TELEVISION CAMERA



CIRCUIT	RED PHASE		BLACK PHASE		
	AMPS	WATTS	AMPS	WATTS	
A	21.1	5,064	B	22.2	5,328
C	34.2	8,208	D	34.2	8,208
E	21.9	5,256	F	24.7	5,928
G	12.3	2,952	H	10.4	2,496
I	15.9	3,816	J	15.9	3,816
K	28.0	6,720	L	28.0	6,720
M	-	-	N	-	-
O	-	-	P	-	-
<b>TOTAL</b>	<b>133.4</b>	<b>32,016</b>	<b>TOTAL</b>	<b>135.4</b>	<b>32,496</b>

**SINGLE LINE DIAGRAM  
LIGHTING CONTROLLER "T1"**  
NOT TO SCALE

**NOTES:**  
1. 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 "T1"  
PROPOSED IMPROVEMENTS 2007**

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

MAP 47485/E/REC 16/CONTRACT 2007/SLD/0092/LOT 2/1