

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	976	312
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 LUMINAIRE, QUANTITY OF LUMINAIRE AS REQUIRED. (BLACK PHASE- SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- 3 POLE SAFETY SWITCH
- LIGHTED SIGN STRUCTURE WITH 170 W. FLUORESCENT LUMINAIRE, QUANTITY OF LUMINAIRE AS REQUIRED. (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- 3 POLE SAFETY SWITCH
- UNDERPASS LIGHTING UNIT, 70W 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 WIRE

LOAD TABLE
LIGHTING CONTROLLER "T1"

CIRCUIT	RED PHASE		BLACK PHASE		
	AMPS	WATTS	AMPS	WATTS	
A	19.4	4,656	B	21.3	5,112
C	32.3	7,752	D	32.3	7,752
E	22.8	5,472	F	24.7	5,928
G	10.4	2,496	H	8.5	2,040
I	15.9	3,816	J	15.9	3,816
K	27.1	6,504	L	27.1	6,504
M	-	-	N	-	-
O	-	-	P	-	-
TOTAL	127.9	30,696	TOTAL	129.8	31,152

REVISIONS	
NAME	DATE

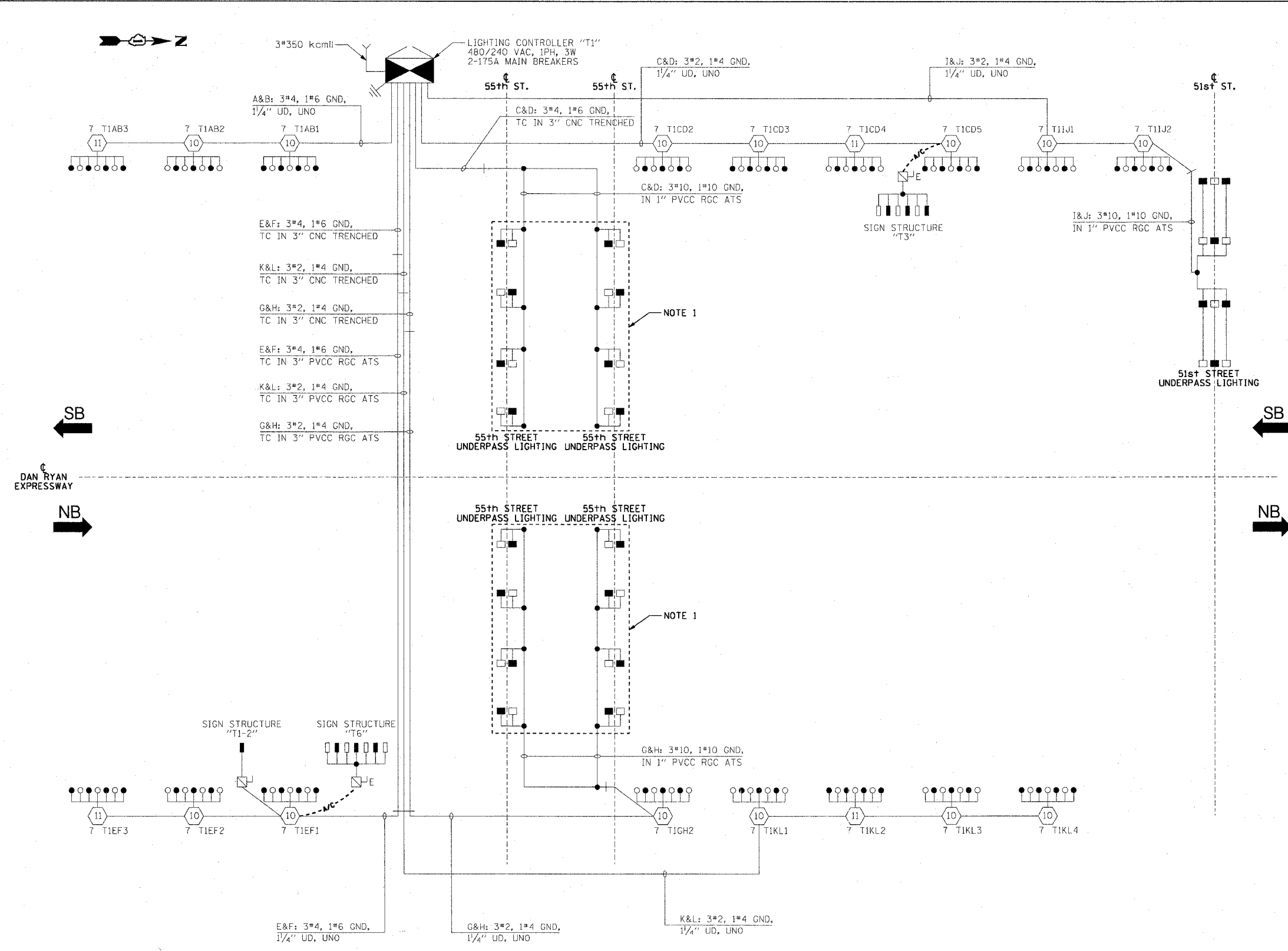
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
31st STREET TO I-57

SINGLE LINE DIAGRAM
LIGHTING CONTROLLER "T1"
PROPOSED IMPROVEMENTS 2005

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 "T1"
NOT TO SCALE



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