

F.A.I. RTE. 90/94	SECTION 2003-0311	COUNTY COOK	TOTAL SHEETS 976	SHEET NO. 338
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

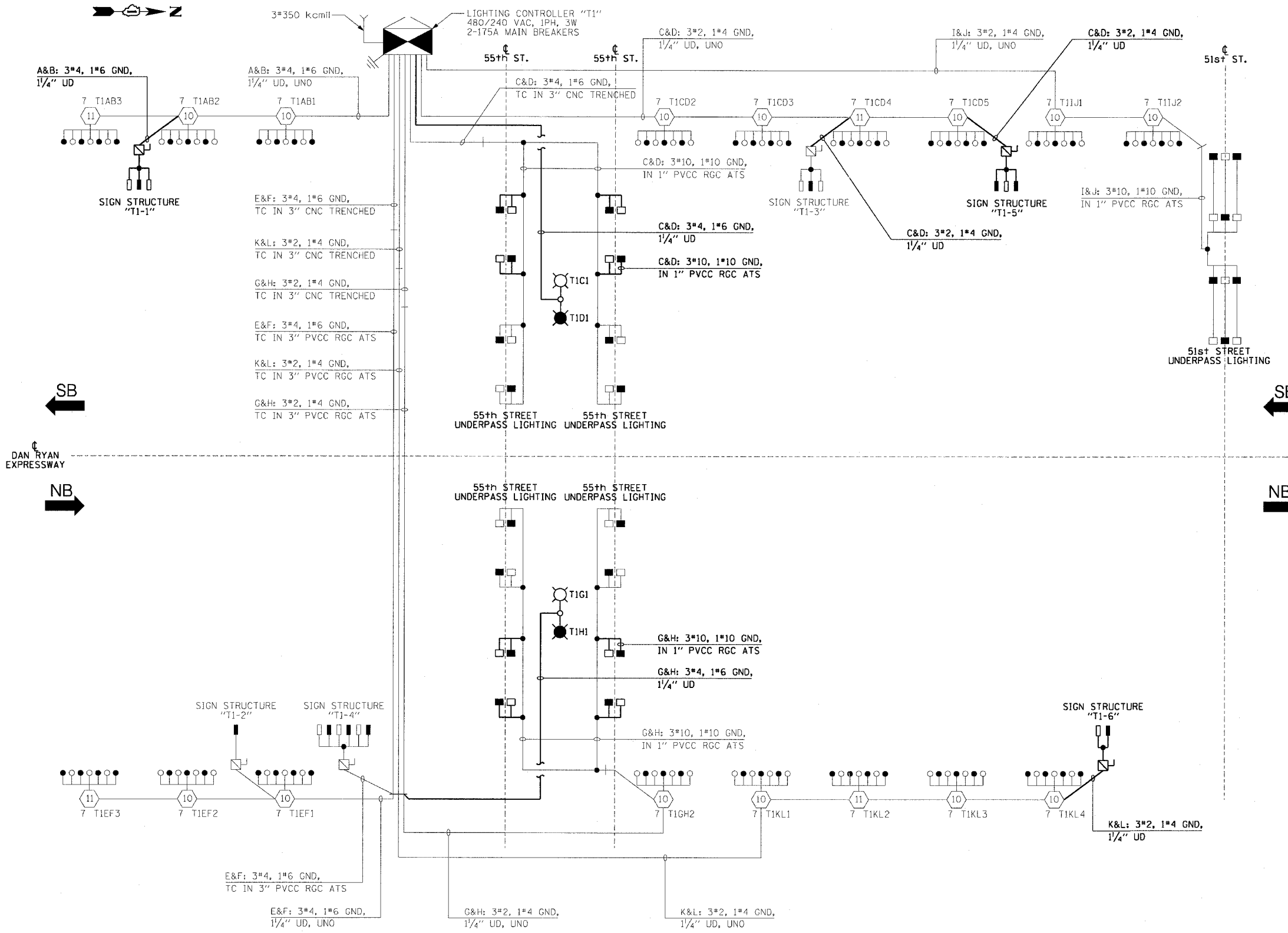
62583

LEGEND

- HIGH MAST LIGHT TOWER.
- 400 W. HPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- 7 UABI
- 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

LOAD TABLE
LIGHTING CONTROLLER "T1"

CIRCUIT	RED PHASE		CIRCUIT	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	-	-
TOTAL	133.4	32,016	TOTAL	135.4	32,496



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: 40468/Electrical/Contr/2007/SLD/2007SLD0092A.DWG 11/16/2004 10:02:52 AM