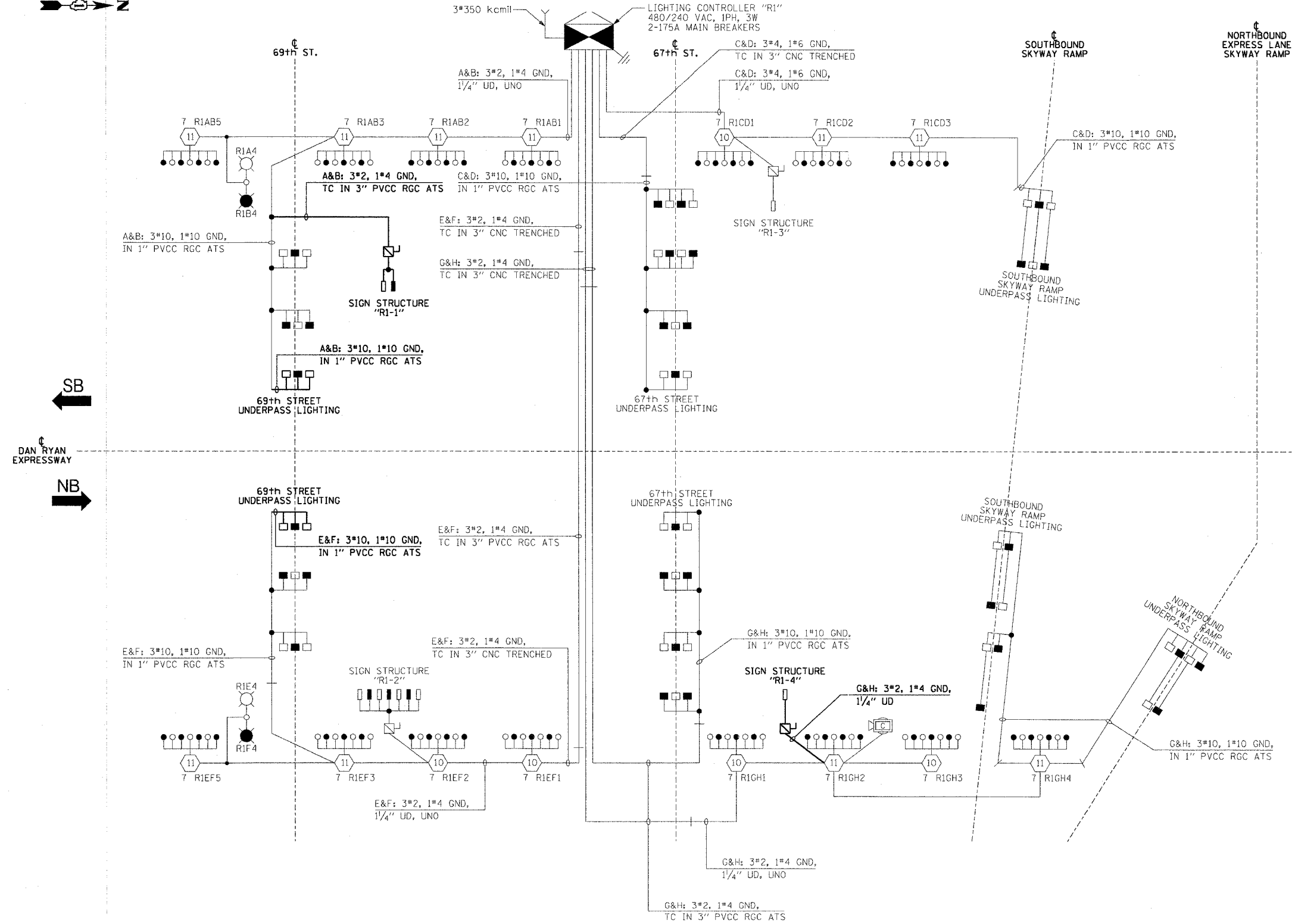


F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	976	335
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		



- 62583
- LEGEND**
- HIGH MAST LIGHT TOWER
  - 400 WATT HPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
  - HIGH MAST TOWER DESIGNATION
  - 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
  - UNDERPASS LIGHTING UNIT, 70 WATT HPS LUMINAIRE. (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
  - LIGHTING CONTROLLER
  - GROUND FIELD
  - ELECTRIC UTILITY SERVICE
  - LUMINAIRE DESIGNATION
  - CONVENTIONAL LIGHTING UNIT, 2-310 WATT HPS LUMINAIRE. (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
  - CLOSED CIRCUIT TELEVISION CAMERA

**LOAD TABLE**  
LIGHTING CONTROLLER "R1"

CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	31.4	7,536	B	31.0	7,440
C	24.0	5,760	D	25.1	6,024
E	33.9	8,136	F	32.7	7,848
G	32.5	7,800	H	32.0	7,680
I	-	-	J	-	-
K	-	-	L	-	-
M	-	-	N	-	-
O	-	-	P	-	-
<b>TOTAL</b>	<b>121.8</b>	<b>29,232</b>	<b>TOTAL</b>	<b>120.8</b>	<b>28,992</b>

**SINGLE LINE DIAGRAM**  
LIGHTING CONTROLLER "R1"  
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 "R1"  
PROPOSED IMPROVEMENTS 2007

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



m:\p40465\elec\16-cmtr\2b-slf\contract\2\2007\sl07-06\sl07-06.dwg