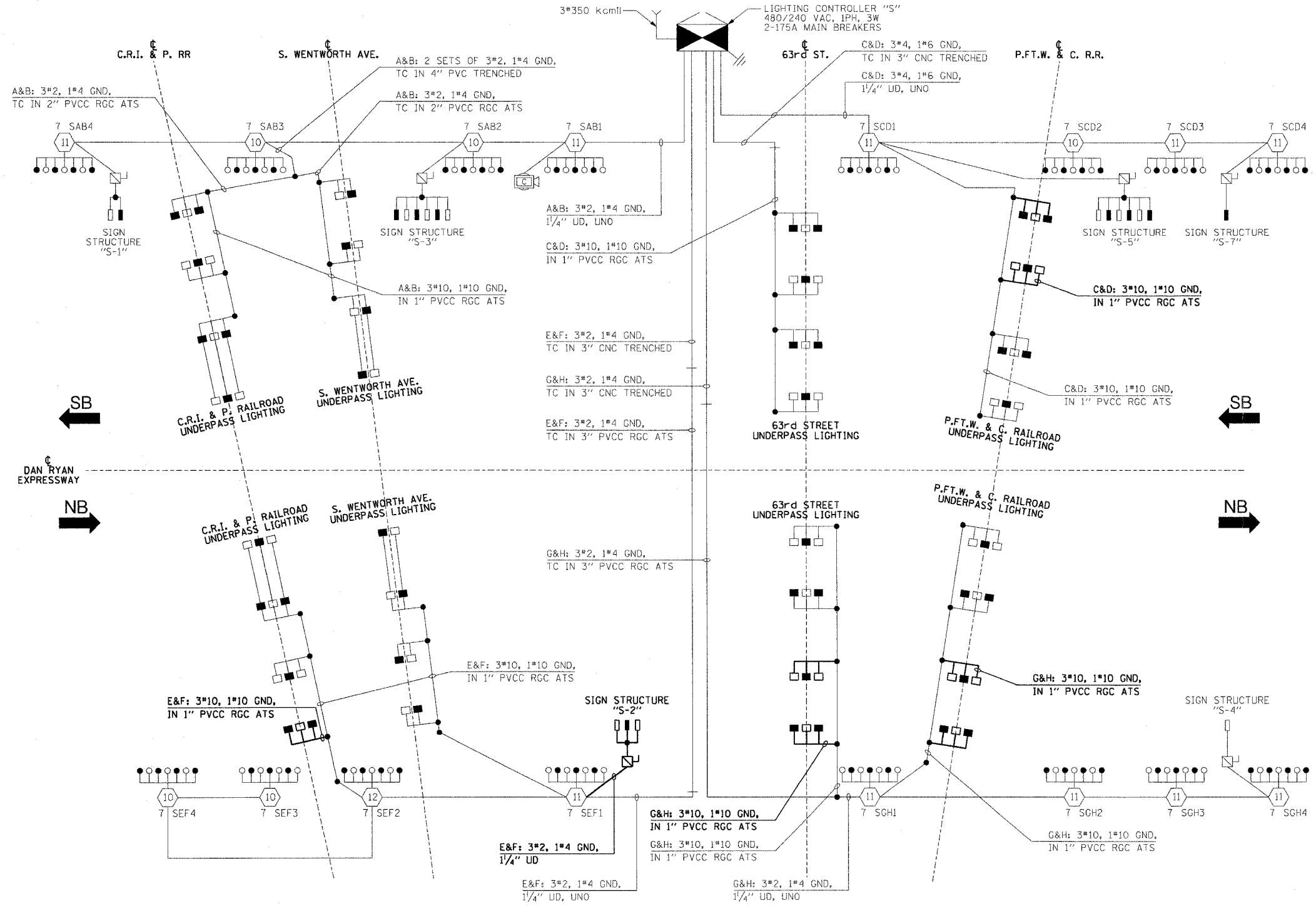


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	976	376
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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
- CLOSED CIRCUIT TELEVISION CAMERA



**LOAD TABLE  
LIGHTING CONTROLLER "S"**

CIRCUIT	RED PHASE		BLACK PHASE		
	AMPS	WATTS	AMPS	WATTS	
A	34.3	8,232	B	34.3	8,232
C	34.2	8,208	D	35.0	8,400
E	32.6	7,824	F	31.8	7,632
G	32.5	7,800	H	31.7	7,608
I	-	-	J	-	-
K	-	-	L	-	-
M	-	-	N	-	-
O	-	-	P	-	-
TOTAL	133.6	32,064	TOTAL	132.8	31,872

**SINGLE LINE DIAGRAM  
LIGHTING CONTROLLER "S"  
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

SL07-07

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

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

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

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