



**LOAD TABLE
LIGHTING CONTROLLER "R"**

CIRCUIT	RED PHASE		BLACK PHASE		
	AMPS	WATTS	AMPS	WATTS	
A	17.2	4,128	B	15.2	3,648
C	22.5	5,400	D	21.6	5,184
E	10.0	2,400	F	10.0	2,400
G	26.0	6,240	H	25.1	6,024
I	25.0	6,000	J	25.0	6,000
K	19.8	4,752	L	19.8	4,752
M	34.8	8,352	N	31.0	7,440
O	18.0	4,320	P	18.0	4,320
TOTAL	173.3	41,592	TOTAL	165.7	39,768

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, 20W HPS LUMINAIRE. (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- LIGHTING CONTROLLER
- GROUND FIELD
- ELECTRIC UTILITY SERVICE

**SINGLE LINE DIAGRAM
LIGHTING CONTROLLER "R"**

NOTES:
1. SEE DRAWING ME-12 FOR WIRING DIAGRAM DETAILS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) 31st STREET TO I-57
NAME	DATE	
		SINGLE LINE DIAGRAM LIGHTING CONTROLLER "R" FINAL CONDITION

SCALE: NOT TO SCALE DRAWN BY: YJ
DATE: OCTOBER 29, 2004 CHECKED BY: TM

JAN 5 10 51 AM '05 62583