



**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
<b>TOTAL</b>	<b>173.3</b>	<b>41,592</b>	<b>TOTAL</b>	<b>165.7</b>	<b>39,768</b>

**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, 70W HPS LUMINAIRE. (BLACK PHASE- SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- LIGHTING CONTROLLER
- GROUND FIELD
- ELECTRIC UTILITY SERVICE

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

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

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) 31st STREET TO I-57
NAME	DATE	
		<b>SINGLE LINE DIAGRAM LIGHTING CONTROLLER "R" PROPOSED IMPROVEMENTS 2007</b>  SCALE: NOT TO SCALE      DRAWN BY: VRK DATE: OCTOBER 29, 2004      CHECKED BY: TM

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