



CIRCUIT	BLACK PHASE		RED PHASE		
	AMPS	WATTS	AMPS	WATTS	
A	17.2	4,128	B	15.2	3,648
C	22.5	5,400	D	22.5	5,400
E	10.0	2,400	F	10.0	2,400
G	25.4	6,096	H	26.3	6,312
I	25.8	6,192	J	25.8	6,192
K	19.8	4,752	L	19.8	4,752
M	43.7	10,488	N	39.9	9,576
O	12.0	2,880	P	12.0	2,880
TOTAL	176.4	42,336	TOTAL	171.5	41,160

**LEGEND**

- HIGH MAST LIGHT TOWER.
- 400 W. HPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- HIGH MAST TOWER DESIGNATION.
- UNDERPASS LIGHTING UNIT, 70W HPS LUMINAIRE. (BLACK PHASE- SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- LIGHTING CONTROLLER
- GROUND FIELD
- ELECTRIC UTILITY SERVICE
- LIGHTED SIGN STRUCTURE WITH 170 W. FLUORESCENT LUMINAIRE, QUANTITY OF LUMINAIRE AS REQUIRED. (BLACK PHASE-SOLID SYMBOL, RED PHASE, OPEN SYMBOL)
- 3 POLE SAFETY SWITCH

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

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

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 "R"  
PROPOSED IMPROVEMENTS 2007**

SCALE: NOT TO SCALE  
DATE: OCTOBER 29, 2004

DRAWN BY: VRK  
CHECKED BY: TM

**SINGH**  
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