



**LOAD TABLE**  
LIGHTING CONTROLLER "O"

CIRCUIT	RED PHASE		BLACK PHASE	
	AMPS	WATTS	CIRCUIT	WATTS
A	13.7	3,288	B	2,808
C	18.9	4,536	D	4,320
E	15.5	3,720	F	3,720
G	19.6	4,704	H	4,224
I	31.5	7,560	J	7,560
K	27.6	6,624	L	6,528
M	27.1	6,504	N	6,504
O	29.0	6,950	P	7,056
<b>TOTAL</b>	<b>182.5</b>	<b>43,800</b>	<b>TOTAL</b>	<b>42,720</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 LUMINAIRE, QUANTITY OF LUMINAIRE AS REQUIRED. (BLACK PHASE- SOLID SYMBOL, RED PHASE, OPEN SYMBOL)
- 3 POLE SAFETY SWITCH
- ELECTRIC UTILITY SERVICE
- GROUND ROD
- LIGHTING CONTROLLER
- UNDERPASS LIGHTING UNIT, 70W HPS LUMINAIRE. (BLACK PHASE- SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- ECA
- UNDERPASS LIGHTING UNIT, 150W HPS LUMINAIRE (BLACK PHASE SOLID SYMBOL, RED PHASE OPEN SYMBOL)

**SINGLE LINE DIAGRAM**  
LIGHTING CONTROLLER "O"

- NOTES:
- 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 "O"  
FINAL CONDITION

SCALE: NOT TO SCALE  
DATE: OCTOBER 29, 2004

DRAWN BY: YJ  
CHECKED BY: TM

**SINGH**  
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