



LOAD TABLE LIGHTING CONTROLLER "O"					
CIRCUIT	RED PHASE		BLACK PHASE		CIRCUIT
	AMPS	WATTS	AMPS	WATTS	
A	13.3	3,192	B	10.4	2,496
C	18.1	4,344	D	17.2	4,128
E	15.1	3,624	F	14.2	3,408
G	18.8	4,512	H	16.8	4,032
I	30.5	7,320	J	31.0	7,440
K	26.0	6,240	L	25.6	6,144
M	26.1	6,264	N	26.6	6,384
O	27.7	6,648	P	27.4	6,576
TOTAL	175.6	42,144	TOTAL	169.2	40,608

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
- ELECTRIC UTILITY SERVICE
- GROUND ROD
- LIGHTING CONTROLLER
- UNDERPASS LIGHTING UNIT, 70W HPS LUMINAIRE. (BLACK PHASE- SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- ECA ELECTRIC CABLE ASSEMBLY
- UNDERPASS LIGHTING UNIT, 150W HPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)

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

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 "O"
PROPOSED IMPROVEMENTS 2006

SCALE: NOT TO SCALE
DATE: OCTOBER 29, 2004

DRAWN BY: YJ
CHECKED BY: TM

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