



LOAD TABULATION FOR LIGHTING CONTROLLER "WV" @ RELOCATED IL 1

CIRCUIT	DESCRIPTION	PHASE A (RED) AMPS	PHASE B (BLACK) AMPS	BREAKER SIZE AMPS
A	9 FIXTURES @ 1.53A	13.77		70A, 1 POLE
B	7 FIXTURES @ 1.53A		10.71	70A, 1 POLE
C	6 FIXTURES @ 1.53A, 1 FIXTURE @ 1.97A	11.15		70A, 1 POLE
D	6 FIXTURES @ 1.53A, 1 FIXTURE @ 1.97A		11.15	70A, 1 POLE
E	4 FIXTURES @ 1.53A	6.12		70A, 1 POLE
F	4 FIXTURES @ 1.53A		6.12	70A, 1 POLE
G	4 FIXTURES @ 1.53A	6.12		70A, 1 POLE
H	4 FIXTURES @ 1.53A		6.12	70A, 1 POLE
PHASE TOTALS (AMPS)		37.16	34.1	
TOTAL CONNECTED LOAD (AMPS)		71.26		

NOTE:
1. SEE TRAFFIC SIGNAL PLANS FOR COMBO POLE LOCATIONS.

- LEGEND**
- EXISTING 310W HPS LUMINAIRE UNLESS OTHERWISE NOTED
 - PROPOSED 310W HPS LUMINAIRE UNLESS OTHERWISE NOTED
 - B BLACK PHASE CONDUCTOR
 - W WHITE NEUTRAL CONDUCTOR
 - R RED PHASE CONDUCTOR
 - G GREEN GROUND CONDUCTOR



Peter B. Leonard 7/9/09
Exp. 11/30/09

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL. RTE.394 AT IL. 1
SINGLE LINE DIAGRAM
EXISTING CONTROLLER "WV"

HOH ASSOCIATES, INC.
55 West Jackson Blvd.
Chicago, Illinois 60604
312/548-8121
2660.05 HOH CAD FILE No. E11.DGN
PLOT SCALE 1 = 1

SCALE: NONE
DATE: 11-30-2005
DRAWN BY: KWO
CHECKED BY: RER