



CIRCUIT	DESCRIPTION	PHASE A (RED) AMPS	PHASE B (BLACK) AMPS	BREAKER SIZE AMPS
A	4 FIXTURES @ 1.53A	6.12		70A, 1 POLE
B	4 FIXTURES @ 1.53A		6.12	70A, 1 POLE
C	4 FIXTURES @ 1.53A	6.12		70A, 1 POLE
D	3 FIXTURES @ 1.53A		4.59	70A, 1 POLE
E				70A, 1 POLE
F				70A, 1 POLE
G				70A, 1 POLE
H				70A, 1 POLE
PHASE TOTALS		12.24	10.71	
CONNECTED LOAD		22.95		

ROADWAY (SOUTH BOUND)
ROADWAY (NORTH BOUND)

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

- LEGEND**
- X PROPOSED LIGHTING UNIT
 - ER EXISTING LIGHTING UNIT TO BE REINSTALLED
 - 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

E13

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p>IL. RTE.394 AT GOODENOW SINGLE LINE DIAGRAM PROPOSED CONTROLLER "WU"</p> <p>SCALE: NONE DATE: 11-30-2005</p> <p>DRAWN BY KWO CHECKED BY RER</p>