

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

CIRCUIT	DESCRIPTION	PHASE A (RED) AMPS	PHASE B (BLACK) AMPS	BREAKER SIZE AMPS
A	(6) NEW FIXT @ 1.53A	9.18 (11.64)		70A, 1 POLE
B	(5) NEW FIXT @ 1.53A		7.65 (9.70)	70A, 1 POLE
C	(6) NEW FIXT @ 1.53A	9.18 (11.64)		70A, 1 POLE
D	(7) NEW FIXT @ 1.53A		10.71 (13.58)	70A, 1 POLE
E	(4) NEW FIXT @ 1.53A	6.12 (7.76)		70A, 1 POLE
F	(3) NEW FIXT @ 1.53A		4.59 (5.82)	70A, 1 POLE
G	(3) NEW FIXT @ 1.53A	4.59 (5.82)		70A, 1 POLE
H	(4) NEW FIXT @ 1.53A		10.71 (13.58)	70A, 1 POLE
TOTAL CONNECTED LOAD @ 240V, 1 PH.		29.07A (36.86A)	33.66A (42.68A)	
TOTAL CONNECTED LOAD @ 240V, 1 PH.		7.0KVA (8.8KVA)	8.4KVA (10.7KVA)	
TOTAL CONNECTED LOAD @ 480V, 1 PH.		32.08A (40.63A)		

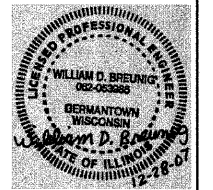
NOTE: AMPERAGE IN PARENTHESIS REPRESENT FUTURE LUMINARIES WITH A 400W HPS LAMPS.

LEGEND

- PROPOSED 310W HPS LUMINAIRE, UNLESS OTHERWISE INDICATED
- EXISTING 400W HPS LUMINAIRE
- PROPOSED LIGHTING CONTROLLER, SINGLE TYPE
- B** BLACK PHASE CONDUCTOR
- W** WHITE NEUTRAL CONDUCTOR
- R** RED PHASE CONDUCTOR
- G** GREEN GROUND CONDUCTOR

NOTE:

1. SEE TRAFFIC PLANS FOR STATIONS.



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USER NAME = #USER#	DESIGNED - BDB/CMP	REVISED -
PLOT SCALE = #SCALE#	DRAWN - JCC	REVISED -
PLOT DATE = 2/8/2008	CHECKED - BDB	REVISED -
	DATE - 12-31-07	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 394 SAFETY IMPROVEMENTS - GOODNOW ROAD TO BURRVILLE ROAD		F.A.P. RTE. 332	SECTION 2007-044 I	COUNTY WILL & COOK	TOTAL SHEETS 53	SHEET NO. 41
SCALE: 1" = 50'		SHEET NO. 41 OF 53 SHEETS		STA. TO STA.		CONTRACT NO. 60D34
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT						

Rev. Sheet 2-14-08