

**LOAD TABULATION FOR LIGHTING CONTROLLER "WT" ELMSCOURT ROAD**

CIRCUIT	DESCRIPTION	PHASE A (RED) AMPS	PHASE B (BLACK) AMPS	BREAKER SIZE AMPS
A	(3) FIXT @ 1.94A, (2) NEW FIXT @ 1.53A	8.88 (9.70)		70A, 1 POLE
B	(2) FIXT @ 1.94A, (2) NEW FIXT @ 1.53A		6.94 (7.76)	70A, 1 POLE
C	(2) EX FIXT @ 1.94A, (2) NEW FIXT @ 1.53A	6.94 (7.76)		70A, 1 POLE
D	(2) EX FIXT @ 1.94A, (2) NEW FIXT @ 1.53A		6.94 (7.76)	70A, 1 POLE
E	(2) EX FIXT @ 1.94A, (5) NEW FIXT @ 1.53A	11.53 (13.58)		70A, 1 POLE
F	(2) EX FIXT @ 1.94A, (5) NEW FIXT @ 1.53A		11.53 (13.58)	70A, 1 POLE
G	(2) FIXT @ 1.94A, (5) NEW FIXT @ 1.53A	11.53 (13.58)		70A, 1 POLE
H	(3) FIXT @ 1.94A, (5) NEW FIXT @ 1.53A		11.53 (15.52)	70A, 1 POLE

TOTAL CONNECTED LOAD @ 240V, 1 PH.	38.88A (46.56A)	36.94A (46.56A)
TOTAL CONNECTED LOAD @ 240V, 1 PH.	9.3KVA (11.2KVA)	8.9KVA (11.2KVA)
TOTAL CONNECTED LOAD @ 480V, 1 PH.	38A (46.67A)	

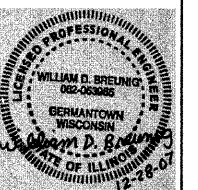
NOTE: AMPERAGE IN PARENTHESIS REPRESENT FUTURE LUMINARIES WITH A 400W HPS LAMPS.

**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 -
DRAWN - JCC	CHECKED - BDB	REVISED -
PLLOT SCALE = #SCALE#	DATE - 12-31-07	REVISED -
PLLOT DATE = 2/8/2008		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL 394 SAFETY IMPROVEMENTS - GOODNOW ROAD TO BURRVILLE ROAD</b>		F.A.P. RTE. 332	SECTION 2007-044 I	COUNTY WILL & COOK	TOTAL SHEETS 53	SHEET NO. 42
<b>LIGHTING CONTROLLER AT ELMSCOURT ROAD - ONE-LINE DIAGRAM</b>		SCALE: 1" = 50'	SHEET NO. 42 OF 53 SHEETS	STA. TO STA.	CONTRACT NO. 60D34	
		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

Rev. Sheet 2-14-08

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