



LOAD TABULATION FOR LIGHTING CONTROLLER "C"  
SYSTEM VOLTAGE 240/480V, SINGLE PHASE, 3-WIRE

CKTS #	DESCRIPTION	PHASE A (RED) AMPS	PHASE B (BLACK) AMPS
A	18-400W HPS LUM.	18	18
B	18-400W HPS LUM.	18	18
C	4-400W HPS LUM.	4	4
D	5-400W HPS LUM.	5	5
E	7-400W HPS LUM.	7	7
F	7-400W HPS LUM.	7	7
G	6-400W HPS LUM.	6	6
H	6-400W HPS LUM.	6	6
TOTAL		71	71

NOTE:

1. POLES CE3 THROUGH CF5 HAVE 12' MAST ARM.

LEGEND:

- LIGHT POLE, ALUMINUM, 50' MOUNTING HEIGHT, 15' MAST ARM, WITH 400W, MC-III DISTRIBUTION LUMINAIRE, UNLESS NOTED OTHERWISE.
- LIGHT POLE, ALUMINUM, 50' MOUNTING HEIGHT, TWO - 6' MAST ARMS, WITH 400W, MC-III DISTRIBUTION LUMINAIRES
- EXISTING LIGHT POLE, ALUMINUM, 50' MOUNTING HEIGHT, 15' MAST ARM, WITH 400W, MC-III DISTRIBUTION LUMINAIRE, UNLESS NOTED OTHERWISE.

NOTE:  
LUMINAIRES ARE WIRED FOR 480V OPERATION.

RDL-20 OF 32

DRAWN BY...MLB..... DATE 10/16/2008

CHECKED BY...M.J..... SCALE NONE.....

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 DOWNERS GROVE, ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
1	6/12/08	MAINLINE LIGHTING

CONTRACT NO. 1-07-5237  
**LIGHTING CONTROLLER "C"**  
**SINGLE LINE DIAGRAM**

DRAWING NO.  
 .222. OF .402.

**EJM ENGINEERING, INC.**  
 411 South Wells Street Suite 1000  
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FOR REFERENCE ONLY

FILE NAME	USER NAME	DESIGNED	REVISED
	rsonson	- RAS	-
		DRAWN - BHH	REVISED -
		CHECKED - MKR	REVISED -
		DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TOLLWAY CONTROLLER "C"  
 SINGLE LINE DIAGRAM

SCALE: NONE SHEET NO. 45 OF 53 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	405
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

E-45