



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

CKTS #	DESCRIPTION	PHASE A (RED) AMPS	PHASE B (BLACK) AMPS
A	5-400W HPS LUM.	5	5
B	5-400W HPS LUM.	5	5
C	19-400W HPS LUM.	19	19
D	19-400W HPS LUM.	19	19
E	8-400W HPS LUM.	8	8
F	7-400W HPS LUM.	7	7
G	17-400W HPS LUM., 3-150W HPS LUM.	18.2	18.2
H	17-400W HPS LUM., 3-150W HPS LUM.	18.2	18.2
TOTAL		99.4	99.4

NOTE:  
LUMINAIRES ARE WIRED FOR 480V OPERATION.

- 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.
  - UNDERPASS LUMINAIRE, 150W HIGH PRESSURE SODIUM

RDL-19 OF 32

DRAWN BY... <b>MLB</b> ..... DATE... <b>10/16/2008</b> CHECKED BY... <b>MJL</b> ..... SCALE... <b>NONE</b> .....	<b>ENGINEERING CONSULTANT</b>  <b>Ciorba Group, Inc.</b> CONSULTING ENGINEERS <small>5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656          Tel. 773.775.4009 Fax 773.775.4014 Email: chicago@ciorba.com</small>	 <b>THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY</b> 2700 OGDEN AVENUE DOWNERS GROVE, ILLINOIS 60515	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">6/12/08</td> <td>MAINLINE LIGHTING</td> </tr> </tbody> </table>	REVISIONS			NO.	DATE	DESCRIPTION	1	6/12/08	MAINLINE LIGHTING	CONTRACT NO. 1-07-5237  <b>LIGHTING CONTROLLER "B"</b> <b>SINGLE LINE DIAGRAM</b>	DRAWING NO.  <b>.221.. OF .402.</b>
REVISIONS														
NO.	DATE	DESCRIPTION												
1	6/12/08	MAINLINE LIGHTING												

**EJM ENGINEERING, INC.**  
 411 South Wells Street Suite 1000  
 Chicago, Illinois 60607

FILE NAME	USER NAME = rsonson	DESIGNED - RAS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>TOLLWAY CONTROLLER "B"</b> <b>SINGLE LINE DIAGRAM</b>	SCALE: NONE	SHEET NO. 44 OF 53 SHEETS	STA. TO STA.	F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 404	CONTRACT NO. 60L77	E-44

s:\projects\3021 us 41-rte to il 173 - bba\proj\set work\disciplines\electrical\sheet\11686-77-1ht-14.dwg  
 10/16/2008  
 mlb