



- LEGEND:**
- ◻ EXISTING IDOT OVERHEAD LIGHTED SIGN
 - EXISTING IDOT LIGHT POLE WITH 200W, LUMINAIRE UNLESS NOTED OTHERWISE.
 - ⊕ PROPOSED 70W HPS UNDERPASS LUMINAIRE
 - ⊔ FUSED DISCONNECT

LOAD TABULATION FOR LIGHTING CONTROLLER "LL"
SYSTEM VOLTAGE 240/480V, SINGLE PHASE, 4-WIRE

CKTS #	DESCRIPTION	PHASE A AMPS	PHASE B AMPS
A	3-200W HPS LUM., 4 SIGN LUM.	6.1	
B	6-200W HPS LUM., 4 SIGN LUM.		9.4
C	3-200W HPS LUM., 6 SIGN LUM.	7.5	
D	3-200W HPS LUM., 6 SIGN LUM.		7.5
E	2-200W HPS LUM.	2.2	
F	1-200W HPS LUM.		1.1
G	3-200W HPS LUM.	3.3	
H	2-200W HPS LUM.		2.2
I	2-200W HPS LUM., 3-TOW UNDERPASS LUM.	4.6	
J	2-200W HPS LUM., 3-TOW UNDERPASS LUM.		4.6
TOTAL		23.7	24.8

200W HPS LUMINAIRE - 1.1A
SIGN LUMINAIRE - 0.7A
70W HPS UNDERPASS LUMINAIRE - 0.8 AMP

DRAWN BY... *MLB* DATE 10/16/2008
CHECKED BY... *MLL* SCALE NONE

ENGINEERING CONSULTANT
CG **Ciorba Group, Inc.**
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014 Email: chicago@ciorba.com

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE, ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. I-07-5237
LIGHTING CONTROLLER "LL"
SINGLE LINE DIAGRAM

DRAWING NO.
.223. OF .402.

RD-21 OF 32

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

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 FROM ROSECRANS RD TO STATE LINE
SINGLE LINE DIAGRAM - EXISTING IDOT CONTROLLER "LL"
SCALE: NONE SHEET NO. 3 OF 53 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	365
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

FOR REFERENCE ONLY

E-05