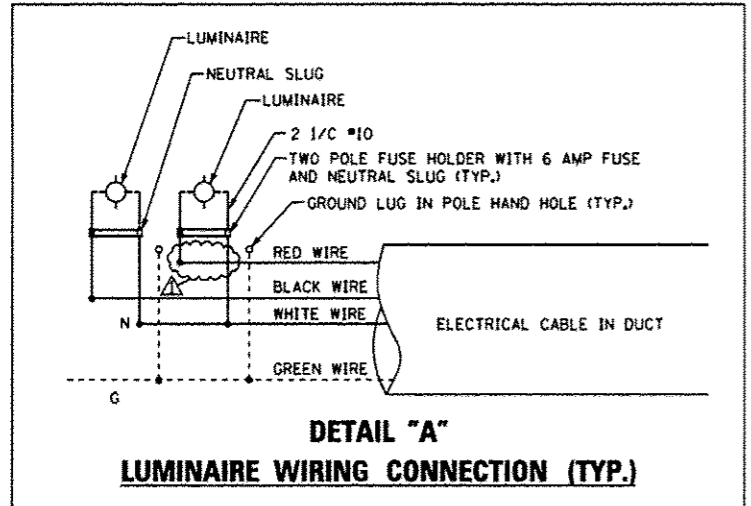
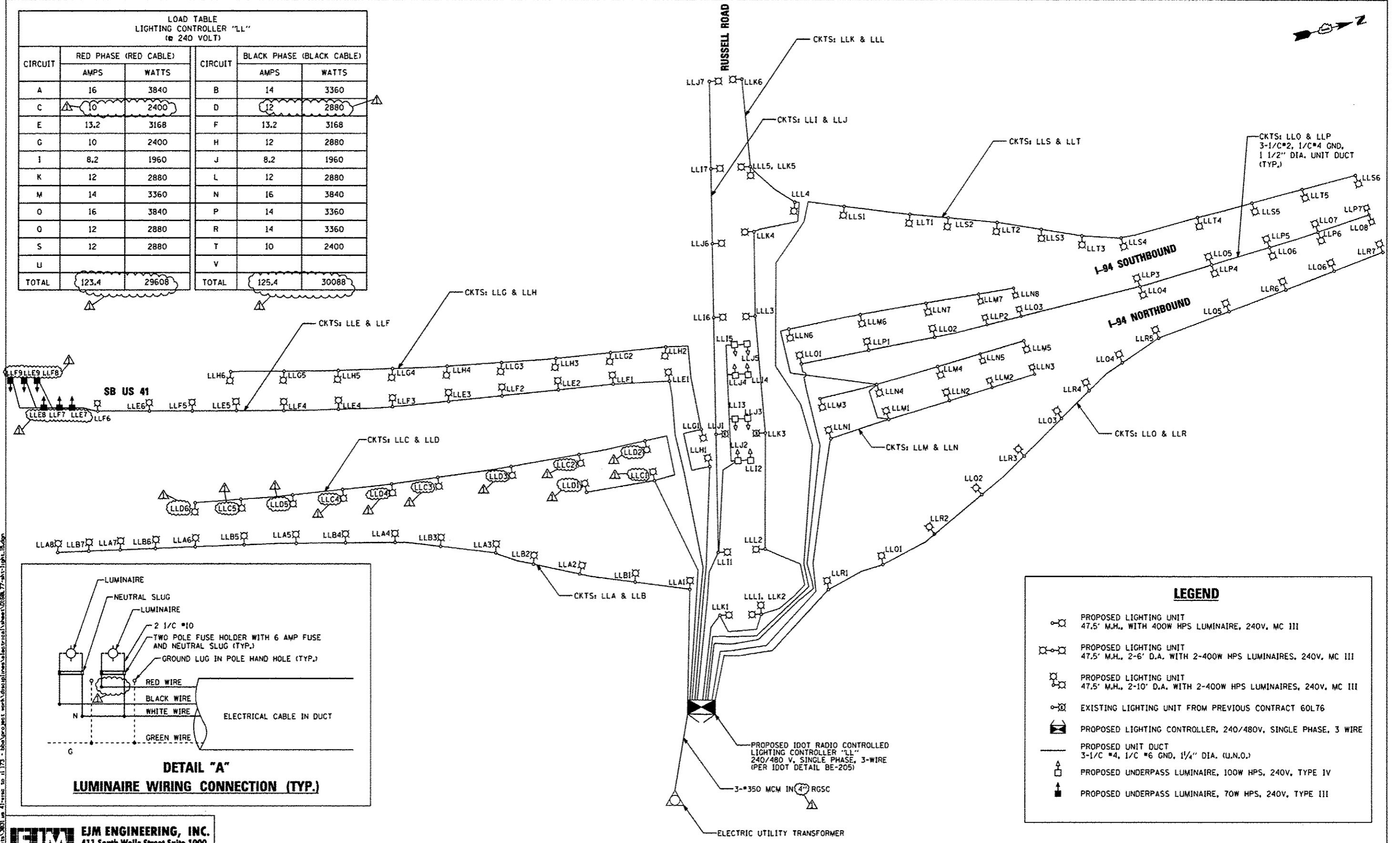


**LOAD TABLE  
LIGHTING CONTROLLER "LL"  
(@ 240 VOLT)**

CIRCUIT	RED PHASE (RED CABLE)		CIRCUIT	BLACK PHASE (BLACK CABLE)	
	AMPS	WATTS		AMPS	WATTS
A	16	3840	B	14	3360
C	10	2400	D	12	2880
E	13.2	3168	F	13.2	3168
G	10	2400	H	12	2880
I	8.2	1960	J	8.2	1960
K	12	2880	L	12	2880
M	14	3360	N	16	3840
O	16	3840	P	14	3360
Q	12	2880	R	14	3360
S	12	2880	T	10	2400
U			V		
<b>TOTAL</b>	<b>123.4</b>	<b>29608</b>	<b>TOTAL</b>	<b>125.4</b>	<b>30088</b>



**LEGEND**

- PROPOSED LIGHTING UNIT  
47.5' M.H. WITH 400W HPS LUMINAIRE, 240V, MC III
- PROPOSED LIGHTING UNIT  
47.5' M.H., 2-6' D.A. WITH 2-400W HPS LUMINAIRES, 240V, MC III
- PROPOSED LIGHTING UNIT  
47.5' M.H., 2-10' D.A. WITH 2-400W HPS LUMINAIRES, 240V, MC III
- EXISTING LIGHTING UNIT FROM PREVIOUS CONTRACT 60L76
- PROPOSED LIGHTING CONTROLLER, 240/480V, SINGLE PHASE, 3 WIRE
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**EJM ENGINEERING, INC.**  
411 South Wells Street Suite 1000  
Chicago, Illinois 60607

FILE NAME	USER NAME = rasonson	DESIGNED = RAS	REVISED / 7/17/12 RAS
		DRAWN = BWH	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 - IDOT CONTROLLER "LL"**

SCALE: NONE    SHEET NO. 15 OF 53 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	375
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				