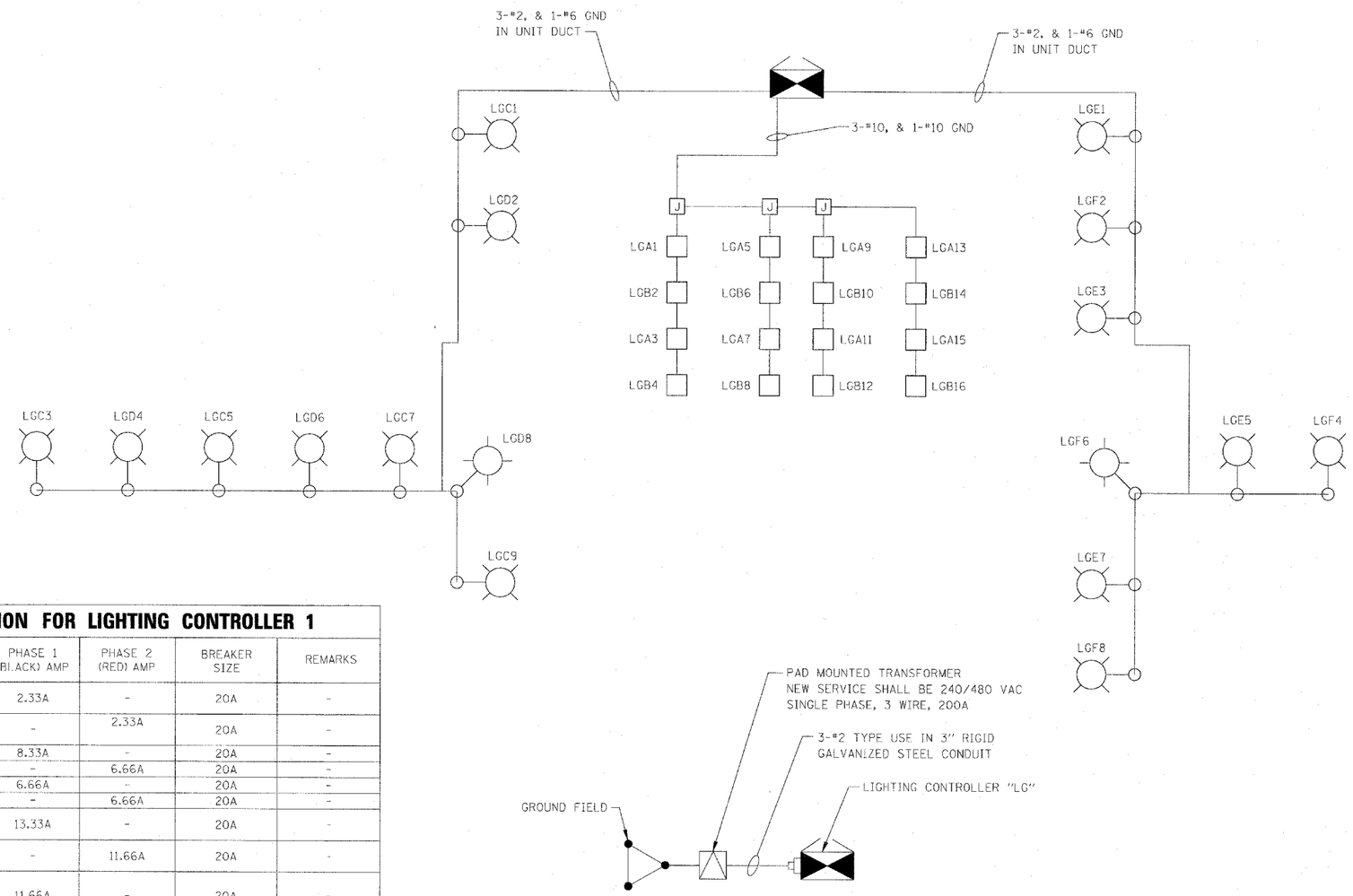
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
120	*	LAKE	469	153
STA.		TO STA.		
FED. ROAD DIST. NO. 0-91-404-99		ILLINOIS	FED. AID PROJECT	

* 125X-HB-(1&2) R-1



LOAD TABULATION FOR LIGHTING CONTROLLER 1

CIRCUIT	POLE NUMBER	PHASE 1 (BLACK) AMP	PHASE 2 (RED) AMP	BREAKER SIZE	REMARKS
A	1,3,5,7,9 11,13,15	2.33A	-	20A	-
B	2,4,6,8,10 12,14,16	-	2.33A	20A	-
C	1,3,5,7,9	8.33A	-	20A	-
D	2,4,6,8	-	6.66A	20A	-
E	1,3,5,7	6.66A	-	20A	-
F	2,4,6,8	-	6.66A	20A	-
G	1,3,5,7,9 11,13,15	13.33A	-	20A	-
H	2,4,6,8,10 12,14	-	11.66A	20A	-
I	1,3,5,7,9, 11,13,15,17, 19,21	11.66A	-	20A	-
J	2,4,6,8,10 12,14,16,18, 20	-	18.33A	20A	-
K	1,3,5,7,9 11,13	16.66A	-	20A	-
L	2,4,6,8,10 12,14	-	11.66A	20A	-
M	1,3,5,7,9 11,13	11.66A	-	20A	-
N	2,4,6,8,10 12,14	-	11.66A	20A	-
O	1,3,5	5A	-	20A	-
P	2,4,6	-	5A	20A	-
Q	1,3,5	5A	-	20A	-
R	2,4,6	-	5A	20A	-
	SUB-TOTAL	80.63A	78.96A		
	TOTAL	159.59A			

Burns & McDonnell
SINCE 1898

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
U.S. 41 (SKOKIE HIGHWAY)
AT IL ROUTE 132

LIGHTING CONTROLLER "LG"
WIRING DIAGRAM (LOWER LEVEL)

SCALE: NONE — DRAWN BY: JRH
DATE: 05/07/08 — CHECKED BY: DEM

PLAN — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — PROFILE MADE — NOTE BOOK — NO. — BY — DATE

PROFILE — SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATIONS CHECKED — NOTE BOOK — NO. — BY — DATE

PLOT DATE = 5/14/2008
FILE NAME = P:\TY Lin\38295 - US 41 at IL 132\CADD\spotlineline_controller_1.dgn