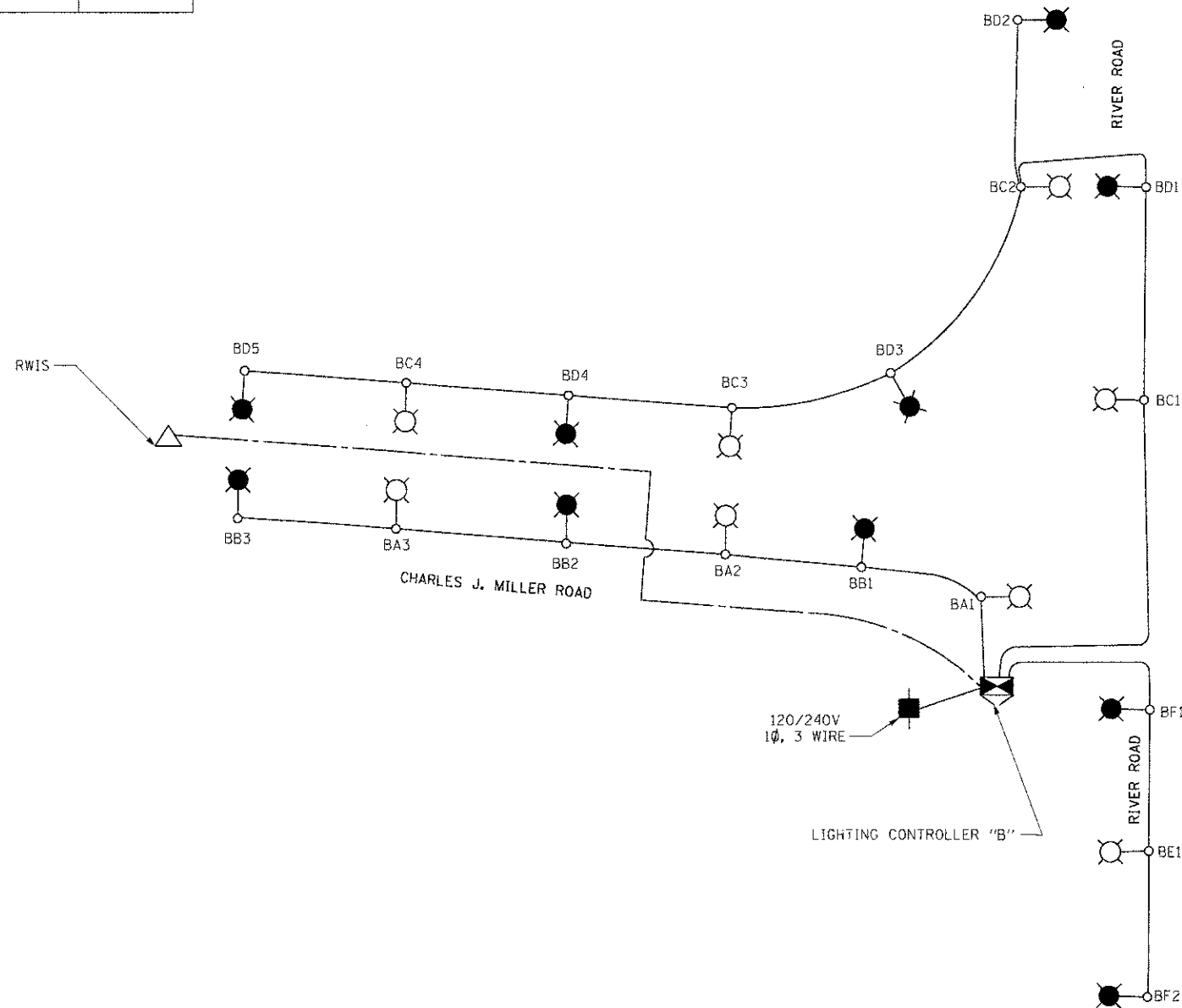


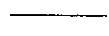

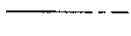



CONTROLLER "B" @ RIVER ROAD

RED			BLACK		
CIRCUIT	AMPS @ 240V	VA	CIRCUIT	AMPS @ 240V	VA
A	4.5	1080	B	4.5	1080
C	6.0	1440	D	7.5	1800
E	1.5	360	F	1.5	360
G	SPARE	SPARE	H	SPARE	SPARE
TOTAL	12.0	2880	TOTAL	13.5	3240
TOTAL LOAD 25.5A					



LEGEND

-  310 WATT HPS LUMINAIRE, 240V, RED CIRCUIT
-  310 WATT HPS LUMINAIRE, 240V, BLACK CIRCUIT
-  UNIT DUCT 3 1/C #6 WITH 1/C #8 GROUND TRACER NO. 14 1C IN 1" DIA. POLYTHYLENE
-  LIGHTING CONTROLLER
-  1" CONDUIT, 2 1/C # 10 POWER TO RWIS
-  ROADWAY WEATHER INFORMATION SYSTEM

COMPANY NAME: AMES Engineering, Inc.
 PROJECT CONTACT: J. Jettone
 DATE PLOTTED: 7/23/2012 11:05:49 AM
 FILE NAME: 090071-L19-24.dgn
 PLOT DRIVER: pdfcut
 PEN TABLE: standard-trans.tbl

AMES Engineering, Inc.
 CONSULTING ENGINEERS
 1341 West 78th Avenue
 Downers Grove, IL 60516
 (630) 757-9877 (F) (630) 470-9891 (R)
 www.amesengineering.com

USER NAME = jettone	DESIGNED - BL	REVISED -
FILE NAME = 090071-L19-24.dgn	DRAWN - RV/MSA	REVISED -
PLOT SCALE = N.T.S.	CHECKED - SA	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**LIGHTING PLAN - WIRING DIAGRAM
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 4 OF 9 SHEETS STA. TO STA.

F.A.U. R.T.E. 386Q	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 118
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	

LTG-04