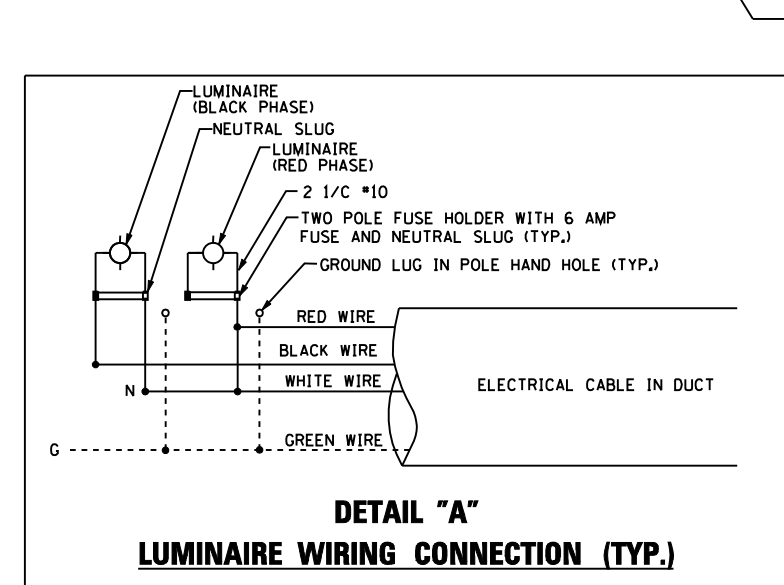
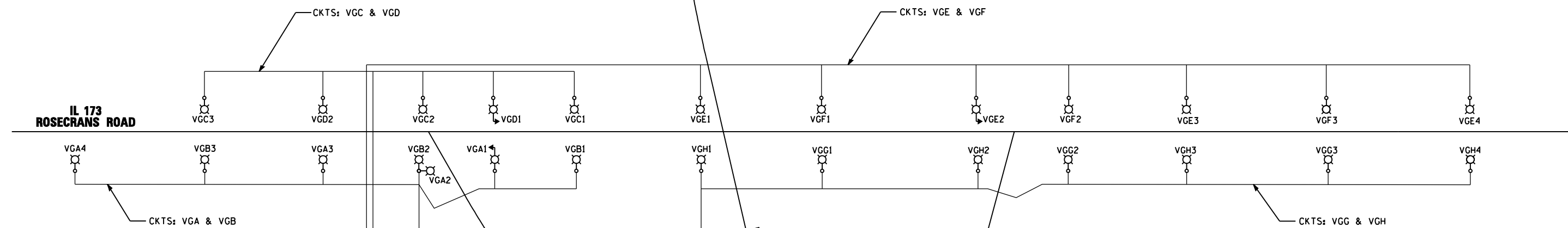




LOAD TABLE PROPOSED LIGHTING CONTROLLER "VG" (@ 240 VOLT)					
CIRCUIT	RED PHASE (RED CABLE)		CIRCUIT	BLACK PHASE (BLACK CABLE)	
	AMPS	WATTS		AMPS	WATTS
A	8	1920	B	6	1440
C	6	1440	D	4	960
E	8	1920	F	6	1440
G	6	1440	H	8	1920
TOTAL	28	6720	TOTAL	24	5760



PROPOSED IDOT LIGHTING CONTROLLER "VG" 240/480V, SINGLE PHASE, 3-WIRE NON-RADIO SINGLE DOOR CABINET (PER IDOT DETAIL BE-215)

LEGEND	
	PROPOSED LIGHTING UNIT 47.5' M.H., WITH 400W HPS LUMINAIRE, 240V, MC III
	PROPOSED LIGHTING UNIT 47.5' M.H., 2-15' D.A. WITH 2-400W HPS LUMINAIRES, 240V, MC III
	PROPOSED LIGHTING UNIT ON COMBINATION TRAFFIC SIGNAL POLE 45' M.H., WITH 400W HPS LUMINAIRE, 240V, MCIII
	PROPOSED LIGHTING CONTROLLER, 240/480V, 1 PHASE, 3 WIRE
	PROPOSED UNIT DUCT 1 1/4" DIAMETER, 3-1/2 #4, 1/2 #6 GROUND

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

FILE NAME	USER NAME = rsonson	DESIGNED - RAS	REVISED -
		DRAWN - BHH	REVISED -
	PLOT SCALE = NONE / IN.	CHECKED - MKR	REVISED -
	PLOT DATE = 6/18/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROSECRANS RD SINGLE LINE DIAGRAM - IDOT CONTROLLER "VG"			
SCALE: NONE	SHEET NO. 16 OF 53 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	376
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				