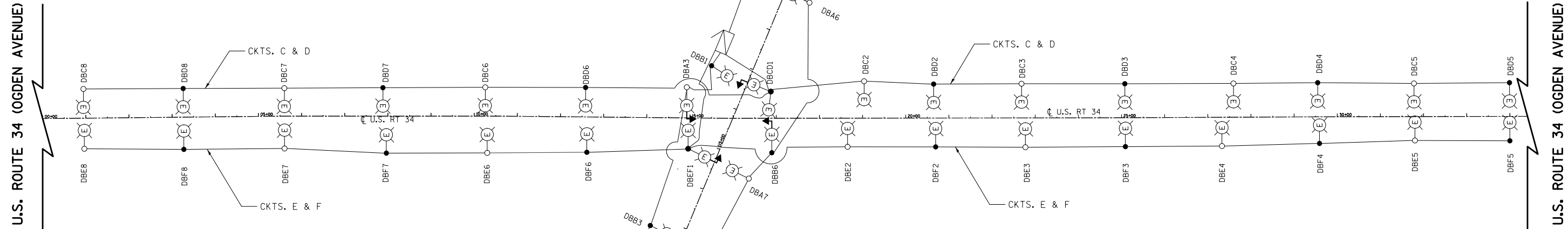


CONTROLLER DB CIRCUIT LOAD TABLE (EXISTING LIGHTING)							
RED				BLACK			
CIRCUIT	QTY	AMP	KW	CIRCUIT	QTY	AMP	KW
A	8	14.67	3.52	B	8	14.67	3.52
C	8	14.67	3.52	D	8	14.67	3.52
E	8	14.67	3.52	F	8	14.67	3.52
TOTAL		44.01	10.56	TOTAL		44.01	10.56

400 WATT, 240V HPS LUMINAIRE = 1.83 AMPS

CONTROLLER DB CIRCUIT LOAD TABLE (TEMPORARY LIGHTING)							
RED				BLACK			
CIRCUIT	QTY	AMP	KW	CIRCUIT	QTY	AMP	KW
A	9	16.50	3.96	B	8	14.67	3.52
C	9	16.50	3.96	D	9	16.50	3.96
E	9	16.50	3.96	F	9	16.50	3.96
TOTAL		49.50	11.88	TOTAL		47.67	11.44

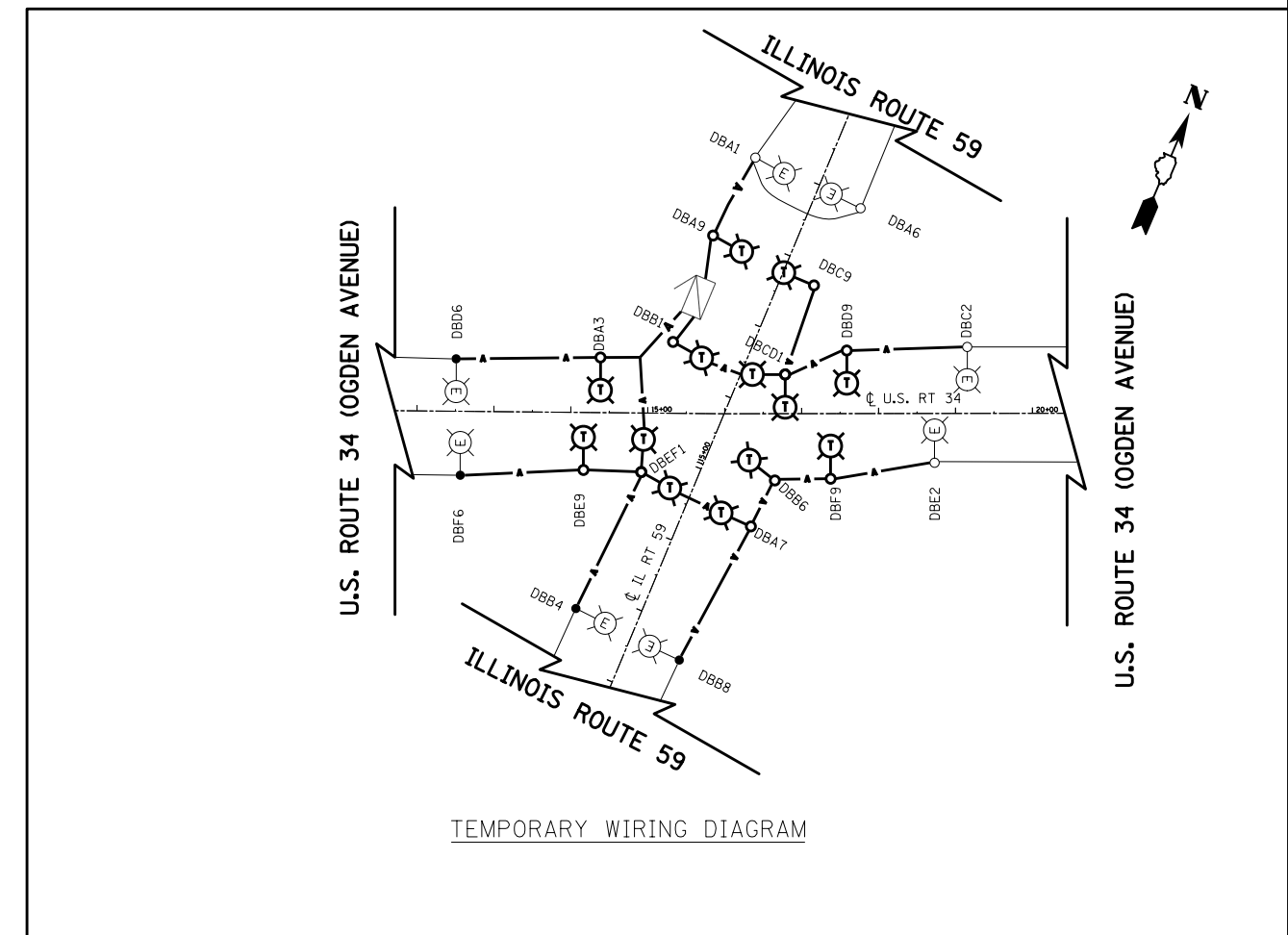
400 WATT, 240V HPS LUMINAIRE = 1.83 AMPS



EXISTING WIRING DIAGRAM

LEGEND

- LUMINAIRE ON BLACK WIRE
- LUMINAIRE ON RED WIRE
- COMBINATION TRAFFIC SIGNAL AND LIGHTING
- TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, 400 WATT ON TEMPORARY TRAFFIC SIGNAL POLES
- EXISTING UNIT DUCT
- AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE
- EXISTING LIGHTING CONTROLLER
- LUMINAIRE CIRCUIT
- LIGHTING UNIT IDENTIFICATION
- POLE NUMBER
- CONTROLLER



TEMPORARY WIRING DIAGRAM



USER NAME = jrt	DESIGNED - SJC	REVISED -
PLOT SCALE = 240.0000' / in.	DRAWN - NEM	REVISED -
PLOT DATE = 1/30/2014	CHECKED - DNM	REVISED -
	DATE - 1/30/2014	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING AND TEMPORARY WIRING DIGRAM  
US ROUTE 34 (OGDEN AVENUE) AT IL ROUTE 59

SHEET NO. 1 OF 1 SHEET STA. TO STA.

F.A.P. RTE. 311	SECTION 2013-062TS	COUNTY DUPAGE	TOTAL SHEETS 49	SHEET NO. 41
CONTRACT NO. 60X34				
ILLINOIS FED. AID PROJECT				