

EXISTING LIGHTING CONTROLLER "T" LOAD TABLE (NOTE 3)

CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	17.5	4200	B	17.5	4200
C*	28.0	6720	D*	24.5	5880
E	21.0	5040	F	17.5	4200
G	--	--	H	--	--
I	--	--	J	--	--
K	--	--	L	--	--
M	--	--	N	--	--
O	--	--	P	--	--
Q	--	--	R	--	--
S	--	--	T	--	--
U	--	--	V	--	--
W	--	--	X	--	--
TOTAL	66.5	15960	TOTAL	59.5	14280

NOTES:

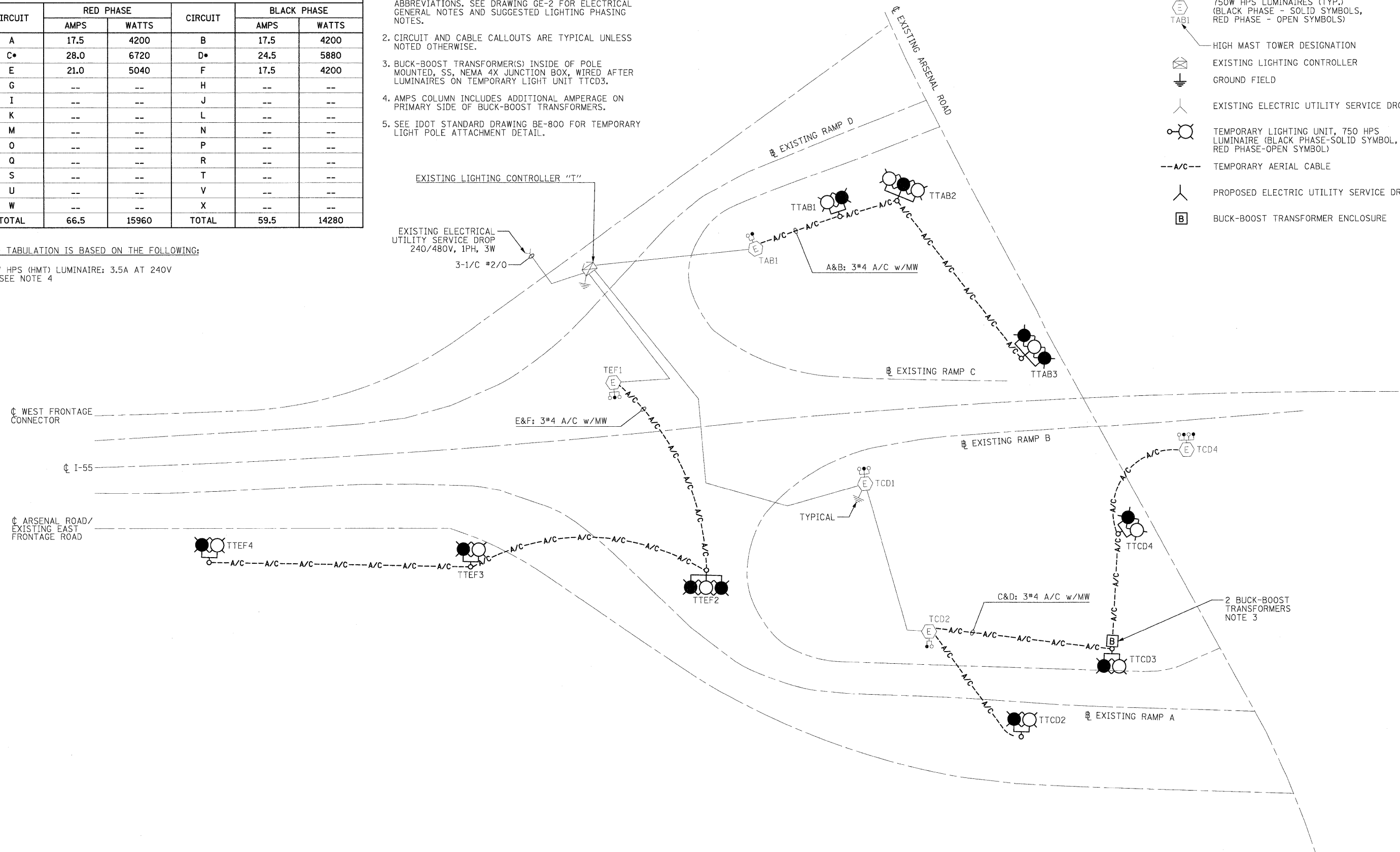
- SEE DRAWING GE-1 FOR ELECTRICAL SYMBOL LIST AND ABBREVIATIONS. SEE DRAWING GE-2 FOR ELECTRICAL GENERAL NOTES AND SUGGESTED LIGHTING PHASING NOTES.
- CIRCUIT AND CABLE CALLOUTS ARE TYPICAL UNLESS NOTED OTHERWISE.
- BUCK-BOOST TRANSFORMER(S) INSIDE OF POLE MOUNTED, SS, NEMA 4X JUNCTION BOX, WIRED AFTER LUMINAIRES ON TEMPORARY LIGHT UNIT TTCD3.
- AMPS COLUMN INCLUDES ADDITIONAL AMPERAGE ON PRIMARY SIDE OF BUCK-BOOST TRANSFORMERS.
- SEE IDOT STANDARD DRAWING BE-800 FOR TEMPORARY LIGHT POLE ATTACHMENT DETAIL.

LEGEND:

- EXISTING HIGH MAST LIGHT TOWER 750W HPS LUMINAIRE (TYP.) (BLACK PHASE - SOLID SYMBOLS, RED PHASE - OPEN SYMBOLS)
- HIGH MAST TOWER DESIGNATION
- EXISTING LIGHTING CONTROLLER
- GROUND FIELD
- EXISTING ELECTRIC UTILITY SERVICE DROP
- TEMPORARY LIGHTING UNIT, 750 HPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- A/C-- TEMPORARY AERIAL CABLE
- PROPOSED ELECTRIC UTILITY SERVICE DROP
- BUCK-BOOST TRANSFORMER ENCLOSURE

LOAD TABULATION IS BASED ON THE FOLLOWING:

750W HPS (HMT) LUMINAIRE: 3.5A AT 240V
 "*" SEE NOTE 4



McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

FILE NAME =	USER NAME = TKuegel
D:\160\F12-SHT-EW1-1.dgn	
PLOT SCALE = 1:1000	
PLOT DATE = 2/3/2011	

DESIGNED - JLW	REVISED -
DRAWN - CJM	REVISED -
CHECKED - KMY	REVISED -
DATE - 2/4/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-55 AT ARSENAL ROAD
EXISTING LIGHTING CONTROLLER "T" STAGE 1 SINGLE LINE DIAGRAM**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-2B-1	WILL	756	407
CONTRACT NO. 60F12			ILLINOIS FED. AID PROJECT	