

PROPOSED LIGHTING CONTROLLER "T" LOAD TABLE					
CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	24.5	5880	B	24.5	5880
C	--	--	D	--	--
E	--	--	F	--	--
G	--	--	H	--	--
I	3.5	840	J	--	--
K	7.0	1680	L	7.0	1680
M	14.0	3360	N	10.5	2520
O	--	--	P	--	--
Q	--	--	R	--	--
S	--	--	T	--	--
U	--	--	V	--	--
W	--	--	X	--	--
TOTAL	49.0	11760	TOTAL	42.0	10080

NOTES:

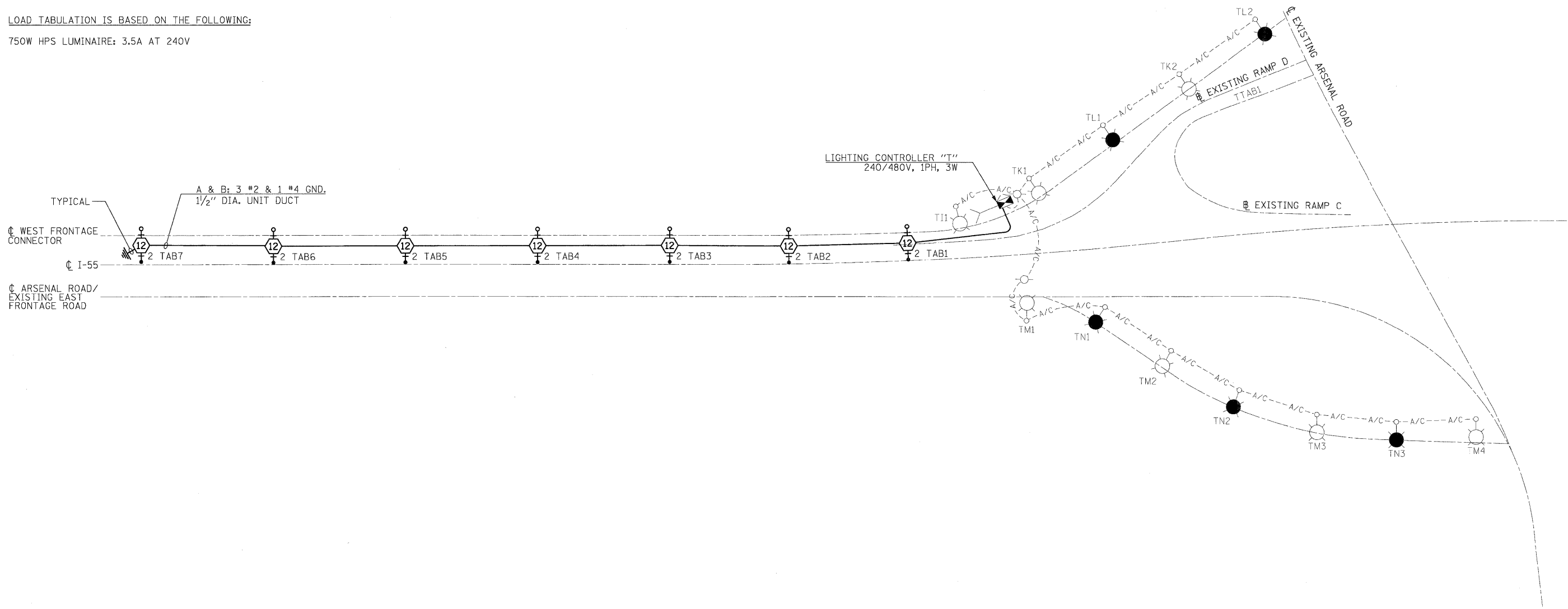
- SEE DRAWING GE-1 FOR ELECTRICAL SYMBOL LIST AND ABBREVIATIONS. SEE DRAWING GE-2 FOR ELECTRICAL GENERAL NOTES AND SUGGESTED LIGHTING PHASING NOTES.
- CIRCUIT AND CABLE CALLOUTS ARE TYPICAL UNLESS NOTED OTHERWISE.
- SEE IDOT STANDARD DRAWING BE-505c FOR HIGH MAST POLE WIRING DIAGRAM.

LEGEND:

- PROPOSED HIGH MAST LIGHT TOWER
750W HPS LUMINAIRE (TYP. U.N.O.)
(BLACK PHASE - SOLID SYMBOLS,
RED PHASE - OPEN SYMBOLS)
- 12 120FT
13 130FT
- EXISTING LIGHTING CONTROLLER
- GROUND FIELD
- EXISTING ELECTRIC UTILITY SERVICE DROP
- EXISTING TEMPORARY LIGHTING UNIT, 750 HPS
LUMINAIRE (BLACK PHASE-SOLID SYMBOL,
RED PHASE-OPEN SYMBOL)
- A/C-- EXISTING TEMPORARY AERIAL CABLE

LOAD TABULATION IS BASED ON THE FOLLOWING:

750W HPS LUMINAIRE: 3.5A AT 240V



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FILE NAME = D160F12-SHT-EW3-2.dgn	USER NAME = TKluigel	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
PROPOSED LIGHTING CONTROLLER "T" STAGE 3 SINGLE LINE DIAGRAM

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

F.A.I. RTE. 55	SECTION 99-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 411
CONTRACT NO. 60F12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				