



LOAD TABLE TEMPORARY LIGHTING CONTROLLER "T2" (@ 240 VOLTS)					
CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	10	2400	B	8	1920
C	10	2400	D	10	2400
E	14	3360	F	14	3360
G	16	3840	H	16	3840
TOTAL	50.0	12000	TOTAL	48.0	11520

TOTAL LOAD ON CONTROLLER (@240 V): 98.0 AMP
 TOTAL LOAD ON CONTROLLER (@480 V): 49.0 AMP

- LEGEND**
- TEMPORARY LIGHTING CONTROLLER, SINGLE DOOR, 100A, 240/480V, 1Ø
 - TEMPORARY LIGHTING UNIT
50' M.H., 20' M.A., 400W HPS TYPE MC-III, 240V LUMINAIRE (BLACK PHASE)
 - TEMPORARY LIGHTING UNIT
50' M.H., 20' M.A., 400W HPS TYPE MC-III, 240V LUMINAIRE (RED PHASE)
 - TEMPORARY LIGHTING UNIT
80' M.H., 20' M.A., 400W HPS TYPE MC-III, 240V LUMINAIRE (BLACK PHASE)
 - TEMPORARY LIGHTING UNIT
80' M.H., 20' M.A., 400W HPS TYPE MC-III, 240V LUMINAIRE (RED PHASE)
 - UTILITY SERVICE POLE

GO GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60631 TEL: 773/774-5910

FILE NAME =	USER NAME = .GAI.	DESIGNED - PKG	REVISED -
#FILE#		DRAWN - MAA, SHM	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PKG	REVISED -
	PLOT DATE = 5/12/2011	DATE - 05/18/2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TEMPORARY SINGLE LINE DIAGRAM LIGHTING CONTROLLER "T2"			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.
1" = 50'			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-HB-2-BY-1	KANE	434	236
CONTRACT NO. 60K90				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				