



LOAD TABLE  
TEMPORARY LIGHTING CONTROLLER "T1"  
(@ 240 VOLTS)

CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	18	4320	B	16	3840
C	8	1920	D	8	1920
E	12	2880	F	14	3360
G	8	1920	H	8	1920
TOTAL	46.0	11040	TOTAL	46.0	11040

TOTAL LOAD ON CONTROLLER (@240 V): 92.0 AMP  
 TOTAL LOAD ON CONTROLLER (@480 V): 46.0 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

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		DATE - 05/18/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY SINGLE LINE DIAGRAM  
LIGHTING CONTROLLER "T1"**

SCALE: 1" = 50'    SHEET NO.    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-HB-2-BY-1	KANE	434	235
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 60K90	