

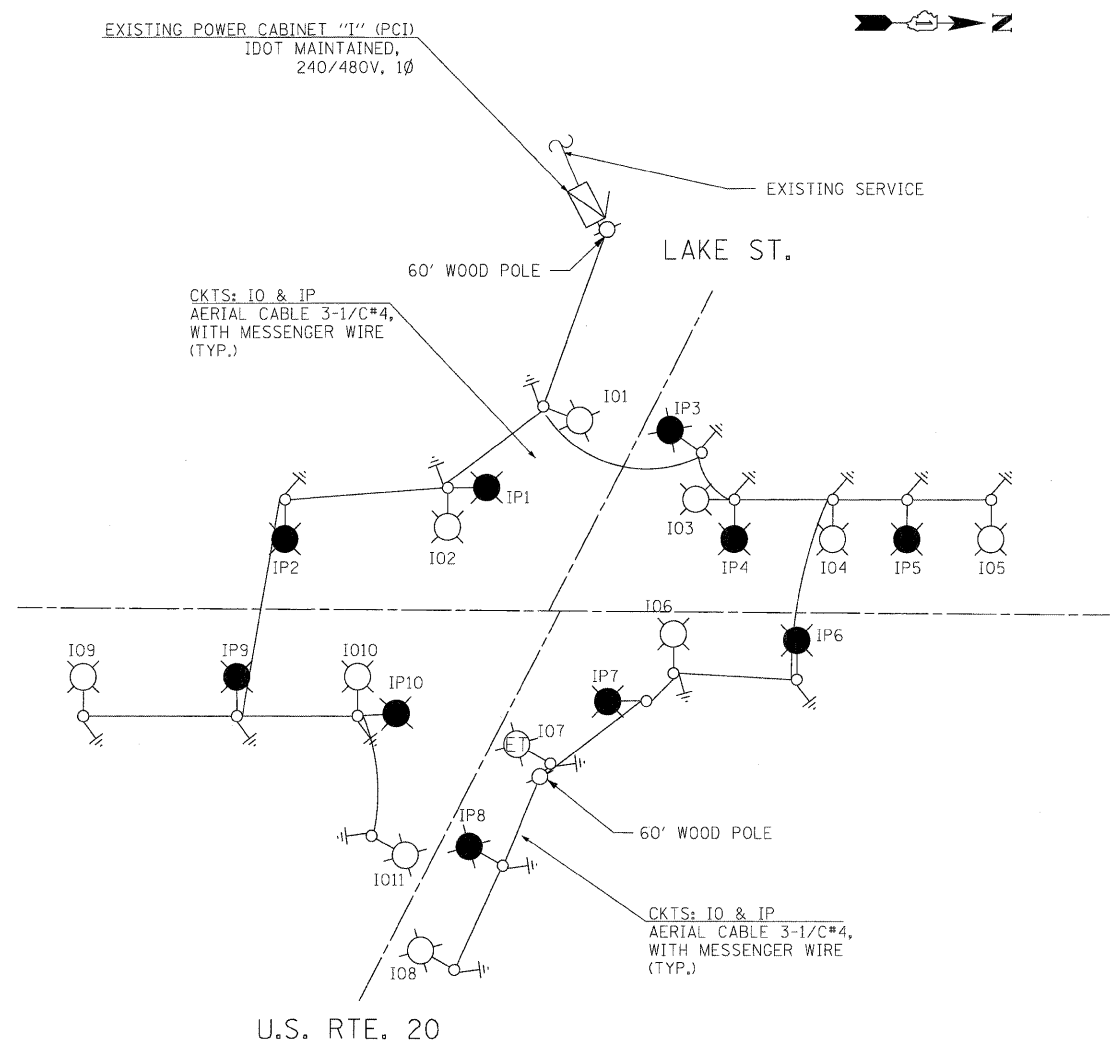
**TEMPORARY SINGLE LINE DIAGRAM
OF ARMY TRAIL ROAD LIGHTING CONNECTED TO EXISTING CONTROLLER**

TEMPORARY LOAD TABLE EXISTING LIGHTING CONTROLLER
LOCATED AT ILL 53 RTE. AND I-355 EXIT RAMP (SB)
(@ 240 VOLTS)

CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	EXISTING		B	EXISTING	
C	EXISTING		D	EXISTING	
E	20.4	4896	F	18.4	4416
G	21.1	5064	H	20.3	4872
I	EXISTING		J	EXISTING	
K	EXISTING		L	EXISTING	
M	EXISTING		N	EXISTING	
O	EXISTING		P	EXISTING	
TOTAL	-	-	TOTAL	-	-

TEMPORARY LOAD TABLE
EXISTING POWER CABINET "1" (PCI)
(@ 240 VOLTS)

CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	EXISTING		B	EXISTING	
C	EXISTING		D	EXISTING	
E	EXISTING		F	EXISTING	
G	EXISTING		H	EXISTING	
I	EXISTING		J	EXISTING	
K	EXISTING		L	EXISTING	
M	EXISTING		N	EXISTING	
O	21.6	5184	P	22	5280
TOTAL	-	-	TOTAL	-	-



**TEMPORARY SINGLE LINE DIAGRAM EXISTING
POWER CABINET "1" (PCI)**

- LEGEND**
- TEMPORARY LIGHTING UNIT 50' M.H., 15' M.A., 400W HPS TYPE MC-III, 240V LUMINAIRE (BLACK PHASE)
 - TEMPORARY LIGHTING UNIT 50' M.H., 15' M.A., 400W HPS TYPE MC-III, 240V LUMINAIRE (RED PHASE)
 - EXISTING LIGHTING UNIT TO REMAIN IN PLACE FOR TEMPORARY LIGHTING (RED PHASE)
 - EXISTING LIGHTING UNIT TO REMAIN IN PLACE FOR TEMPORARY LIGHTING (BLACK PHASE)
 - EXISTING LIGHTING CONTROLLER CABINET
 - ELECTRIC GROUND ROD

GA 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 = 1"=50'	CHECKED - PKG	REVISED -
	PLOT DATE = 11/24/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY SINGLE LINE DIAGRAM

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	567
CONTRACT NO. 60477				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				