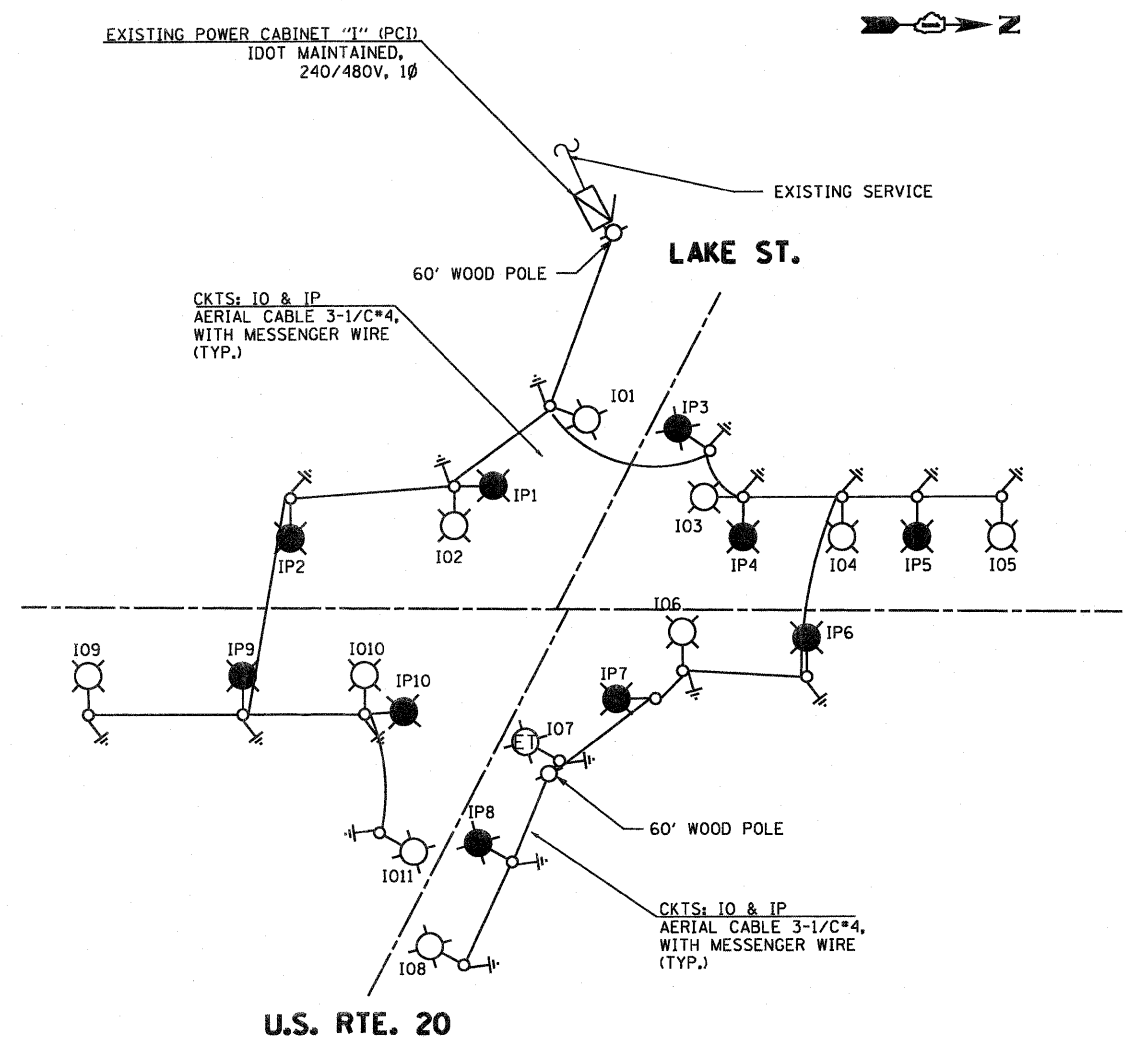


TEMPORARY SINGLE LINE DIAGRAM OF ARMY TRAIL ROAD LIGHTING CONNECTED TO EXISTING CONTROLLER

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 SINGLE LINE DIAGRAM EXISTING POWER CABINET "I" (PCI)

TEMPORARY LOAD TABLE EXISTING POWER CABINET "I" (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	-	-

- 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

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

FILE NAME =	USER NAME = .GAI.	DESIGNED - PKG	REVISED -
#FILEL*		DRAWN - MAA, SHM	REVISED -
	PLOT SCALE = 1"=50'	CHECKED - PKG	REVISED -
	PLOT DATE = 3/15/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY SINGLE LINE DIAGRAM

SCALE: 1"= 50'	SHEET NO. OF SHEETS	STA. TO STA.
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F.A.P. RTE. 257B	SECTION 532B	COUNTY DuPage	TOTAL SHEETS 781	SHEET NO. 567
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				