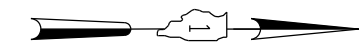


WIRELESS INTERCONNECT TO
ILL. RTE. 43 (HARLEM AVE.) AT HOWARD ST.
(SEE TEMPORARY INTERCONNECT PLANS)



WIRELESS INTERCONNECT TO
ILL. RTE. 21 (MILWAUKEE AVE.)
AT ILL. RTE. 43 (HARLEM AVE.)
(SEE TEMPORARY INTERCONNECT PLANS)

OCONTO AVE.

TEMPORARY UPS

NO. 6

TEMPORARY LOCAL &
MASTER CONTROLLER

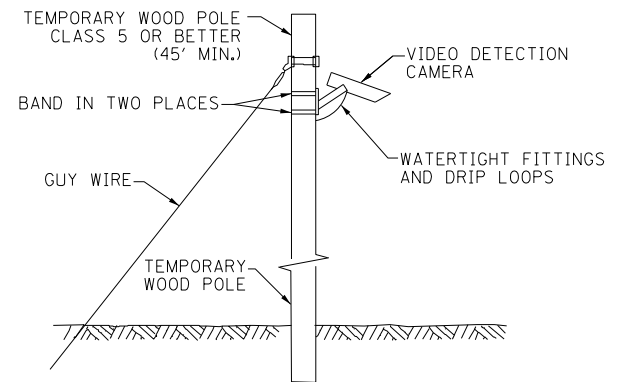
MILWAUKEE AVE.)

ILL. ROUTE 21

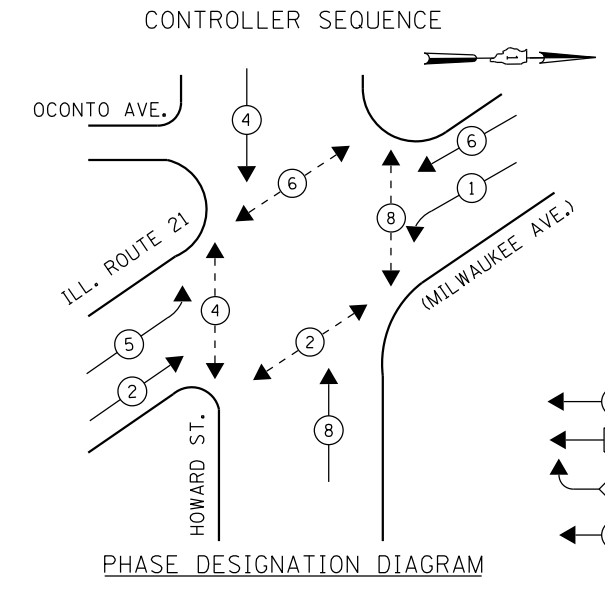
HOWARD ST.

TEMPORARY CABLE PLAN

(NOT TO SCALE)



TEMPORARY VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)



- LEGEND**
- ◀ (•) ▶ DUAL ENTRY PHASE
 - ◀ (■) ▶ SINGLE ENTRY PHASE
 - ◀ (◇) ▶ O.L. OVERLAP
 - ◀ (•) ▶ PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	12	135	17	0.50	102.0
(YELLOW)	12	135	25	0.25	75.0
(GREEN)	12	135	15	0.25	45.0
ARROW	8	135	12	0.10	9.6
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM	1	150		1.00	150.0
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	481.6

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: MAUREEN RAY
PHONE: (847) 816-5492
COMPANY: COMMONWEALTH EDISON

FILE NAME =	USER NAME = .GAL	DESIGNED - MA, PKG	REVISED -
*FILEL\$		DRAWN - EA, SM, MG	REVISED -
		CHECKED - PKG	REVISED -
		DATE - 03/21/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM ILL. ROUTE 21
(MILWAUKEE AVE.) AT HOWARD ST.**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3513	2011-210-TS	COOK	089	021
FINAL			CONTRACT NO. 60R44	
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				