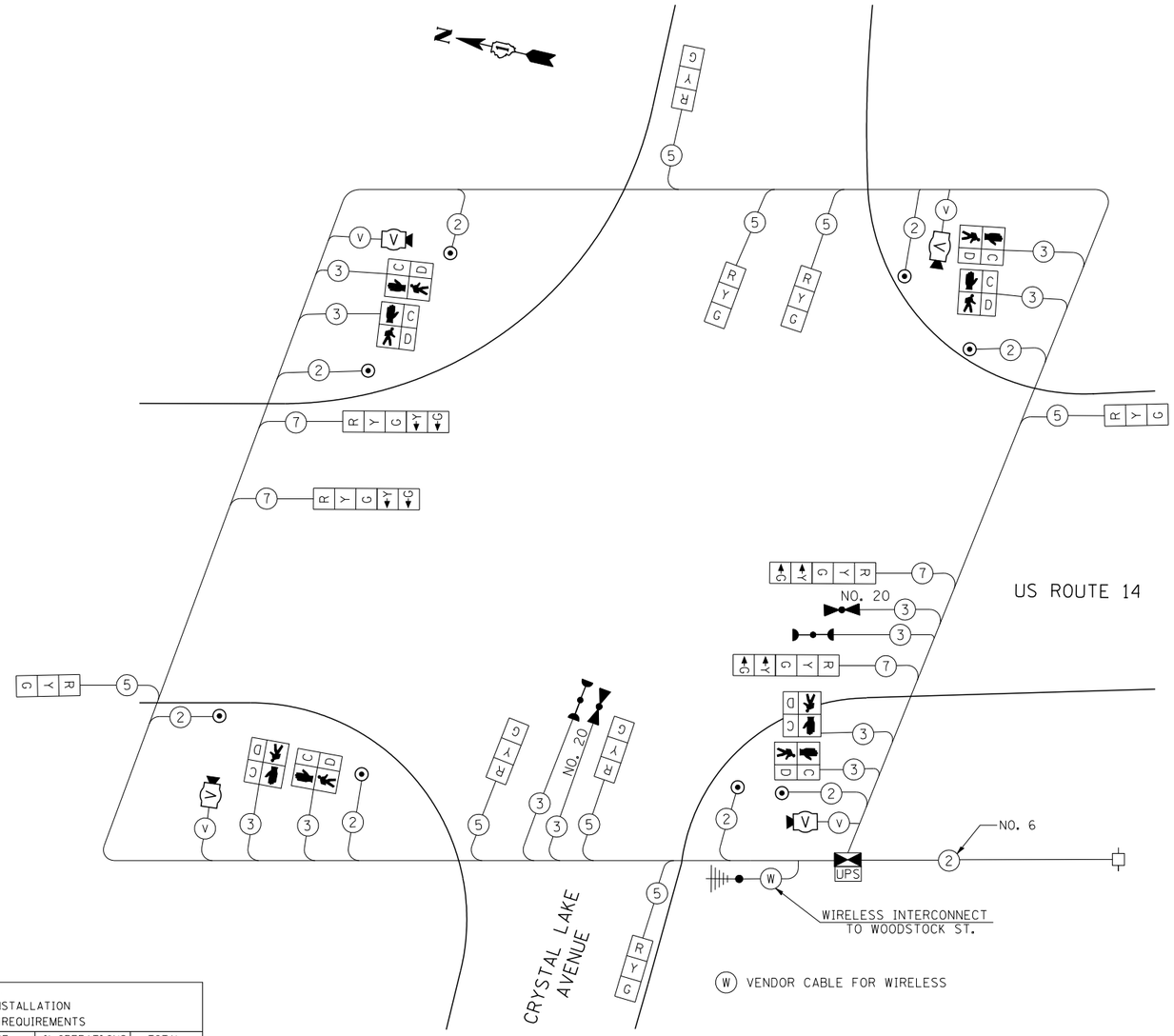
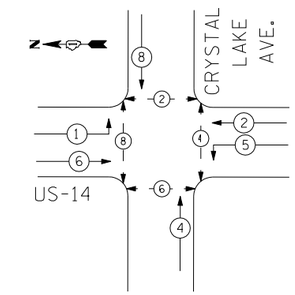


TEMPORARY CABLE PLAN

TEMPORARY CONTROLLER SEQUENCE

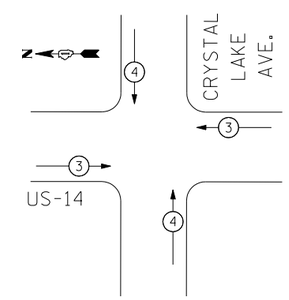


TEMPORARY PHASE DESIGNATION DIAGRAM

LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	⇄	⇅

I.D.O.T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATIONS	TOTAL WATTAGE
SIGNAL (RED)	12	135	17	0.50	102
(YELLOW)	12	135	25	0.25	75
(GREEN)	12	135	15	0.25	45
PED. SIGNAL	8	90	25	1.00	200
ARROW	8	135	12	0.10	100
CONTROLLER	1	100	100	1.00	9.6
VIDEO SYSTEM	1	150		1.00	150
				TOTAL =	681.6

ENERGY COSTS TO:
CITY OF CRYSTAL LAKE
100 WEST WOODSTOCK ST
CRYSTAL LAKE, IL 60014

ENERGY SUPPLY: CONTACT: MIKE WIDHALM
PHONE: (815) 263-5624
COMPANY: COMED

EJM ENGINEERING, INC.
411 South Wells Street Suite 1000
Chicago, Illinois 60607

FILE NAME = ...\D162517-SHT-TS52.dgn	USER NAME = rswanson	DESIGNED - MH	REVISED -
		DRAWN - AB	REVISED -
	PLOT SCALE = $NONE$	CHECKED - BS	REVISED -
	PLOT DATE = 10/8/2013	DATE - 10/15/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US RTE. 14 AND CRYSTAL LAKE AVE.

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	310
		CONTRACT NO. 62517		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT