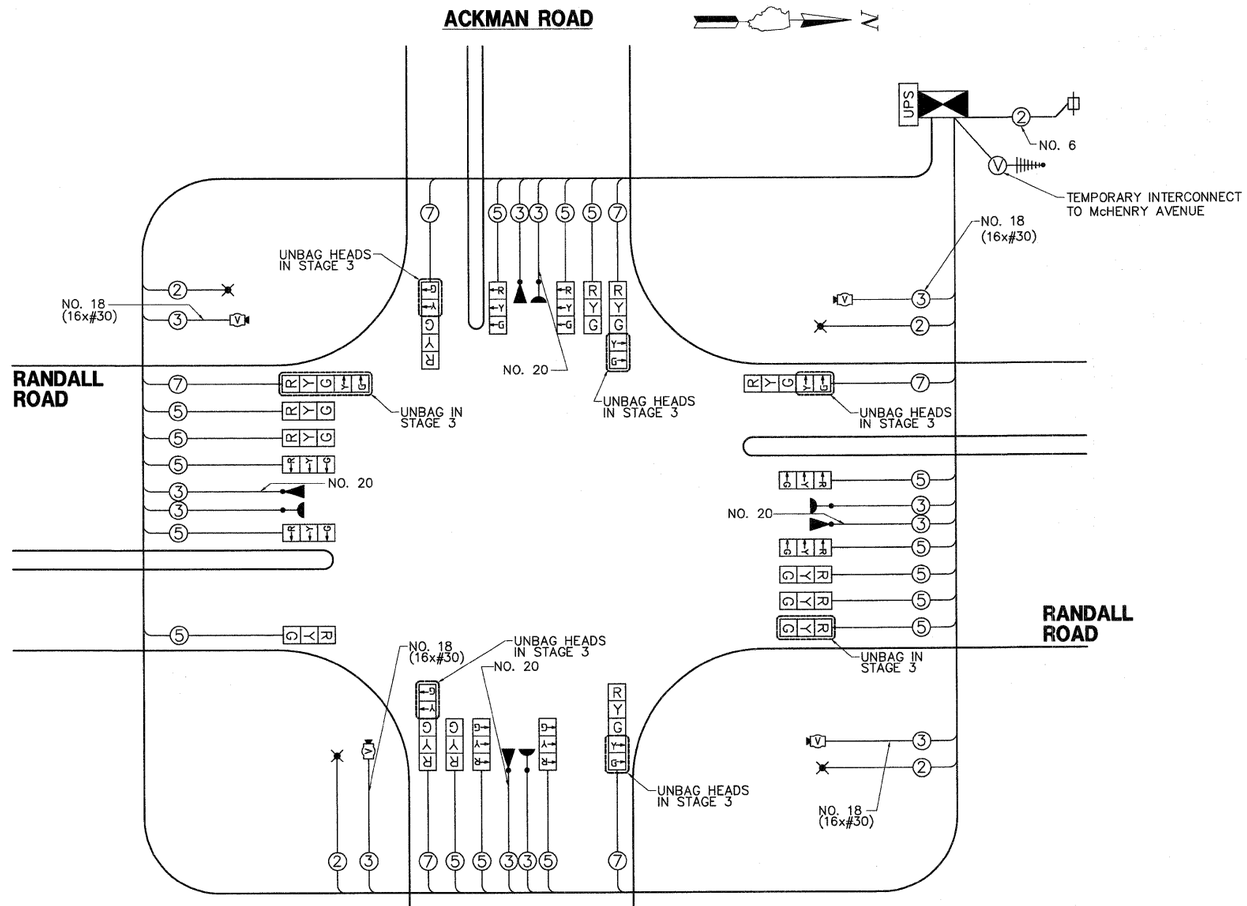


TEMPORARY CABLE PLAN

GEWALT HAMILTON ASSOCIATES, INC.
850 Forest Edge Drive ▪ Vernon Hills, IL 60061
Consulting Engineers & Surveyors
847-478-9700
FAX: 847-478-9701

PATRICK ENGINEERING INC.
LISLE, ILLINOIS

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

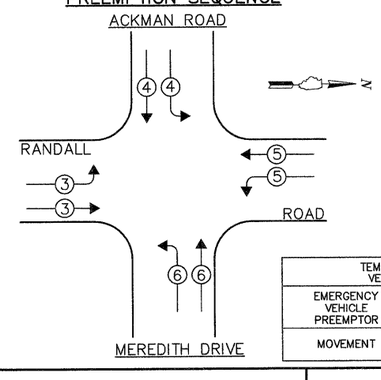
McHENRY COUNTY DIVISION OF TRANSPORTATION
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO LAMPS	WATTAGE INCAND.	WATTAGE L.E.D.	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	21	135	17	0.50	178.5
SIGNAL (YELLOW)	21	135	25	0.25	131.25
SIGNAL (GREEN)	21	135	15	0.25	78.75
ARROW	10	135	12	0.10	12.0
PED.SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.0
BATTERY BACKUP	1		25	1.00	25.0
VIDEO SYSTEMS	1		150	1.00	150.0
LUMINAIRE	4	400		0.50	800.0
FLASHER				0.05	
				TOTAL =	1,475.5

ENERGY COSTS – BILLED TO: CITY OF CRYSTAL LAKE
(ADDRESS) 100 WEST MUNICIPAL COMPLEX

ENERGY SUPPLY – CONTACT: MS. AUDREY HELGESEN
PHONE: (847) 816-5225
COMPANY: COMED-LIBERTYVILLE

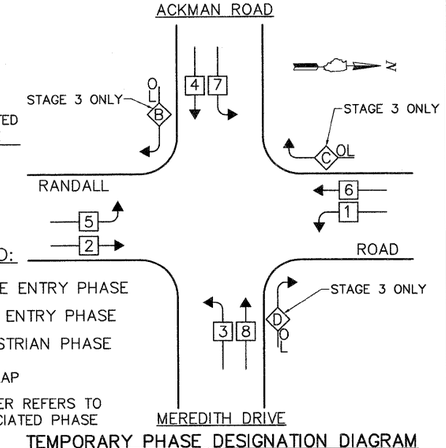
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

TEMPORARY CONTROLLER SEQUENCE

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5
C	=	6	+	7
D	=	8	+	1



LEGEND:
- SINGLE ENTRY PHASE
- DUAL ENTRY PHASE
- PEDESTRIAN PHASE
- OVERLAP
- * NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM

FILE NAME = 4153.800-tr1.dwg	USER NAME = GHA	DESIGNED - DPB	REVISED -
		DRAWN - ZCW	REVISED -
	PLOT SCALE = N.T.S.	CHECKED - DPB	REVISED -
	PLOT DATE = 8/2/10	DATE - 8/2/10	REVISED -

MCHENRY COUNTY
DIVISION OF TRANSPORTATION

TEMPORARY CABLE PLAN AND TEMPORARY PHASE DESIGNATION DIAGRAM RANDALL ROAD AND ACKMAN ROAD/MEREDITH DRIVE

SCALE: N.A. | SGNL SHEET # 3 OF 65 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-WR	McHENRY	606	312
		CONTRACT #:	63398	
		ILLINOIS FED. AID PROJECT		