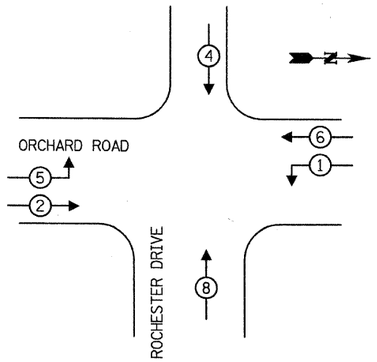
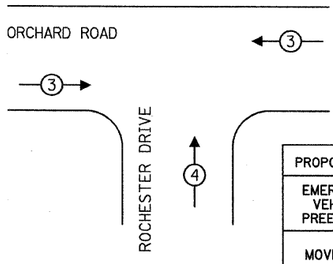
CONTROLLER SEQUENCE



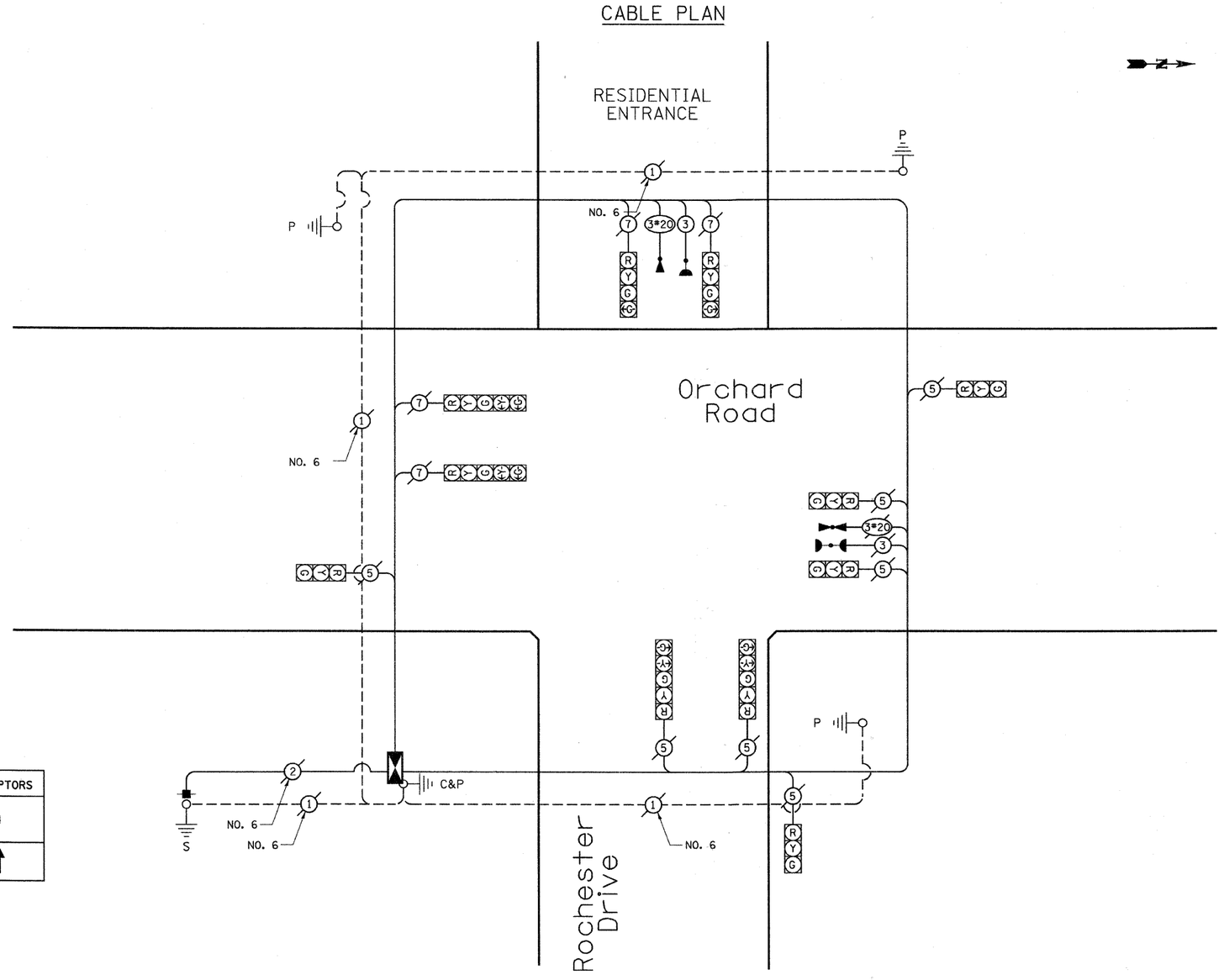
PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑

CABLE PLAN



NOTES:

1. TRAFFIC CONTROL EQUIPMENT SHALL BE MANUFACTURED BY SIEMENS.
2. ALL TRAFFIC SIGNAL HEADS SHALL BE L.E.D. (LIGHT EMITTING DIODE), AND MANUFACTURED BY DIALITE OR APPROVED EQUIVALENT.
3. VIDEO DETECTION SYSTEM SHALL BE MANUFACTURED BY ITERIS.

TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. LAMPS X	WATTAGE X	% OPERATIONS	
SIGNAL (RED)	11	10	0.50	55.0
(YELLOW)	11	18	0.25	49.5
(GREEN)	11	14	0.25	38.5
ARROW	8	9	0.10	7.2
PED. SIGNAL	0	7	1.00	0.0
CONTROLLER	1	100	1.00	100.0
ILLUM. SIGN				
FLASHER LED			0.50	
			TOTAL =	250.2

ENERGY COSTS - BILLED TO: Village of Montgomery
(ADDRESS) 1300 S. Broadway
Montgomery, IL 60538

ENERGY SUPPLY - CONTACT: Mr. Al Arends
PHONE: (630) 691-4379
COMPANY: Com Ed: Customer Const. & Design

rjngroup
Excellence through Ownership
200 West Front Street
Wheaton, Il 60187

DESIGNED	MK	REVISED	-
DRAWN	DW	REVISED	-
CHECKED	MH	REVISED	-
DATE	12/20/2010	REVISED	-

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

TEMPORARY CABLE PLAN AND
PHASE DESIGNATION DIAGRAM
ORCHARD ROAD AND ROCHESTER DRIVE

SCALE: 1" = 20' | SHEET NO. 12 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	121
		CONTRACT NO. 63541		
		ILLINOIS FED. AID PROJECT		

20.0000 ' / IN.
date/time
12/17/2010
K:\11177702\CAD\Sheets\177702_cable_pin_Rohstr_Temp.dgn