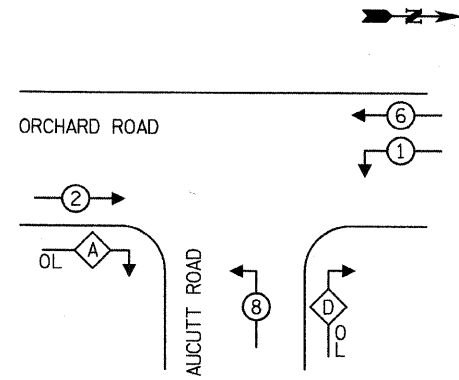


CABLE PLAN

CONTROLLER SEQUENCE

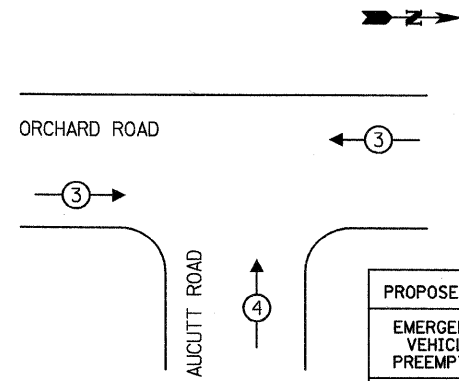


PHASE DESIGNATION DIAGRAM

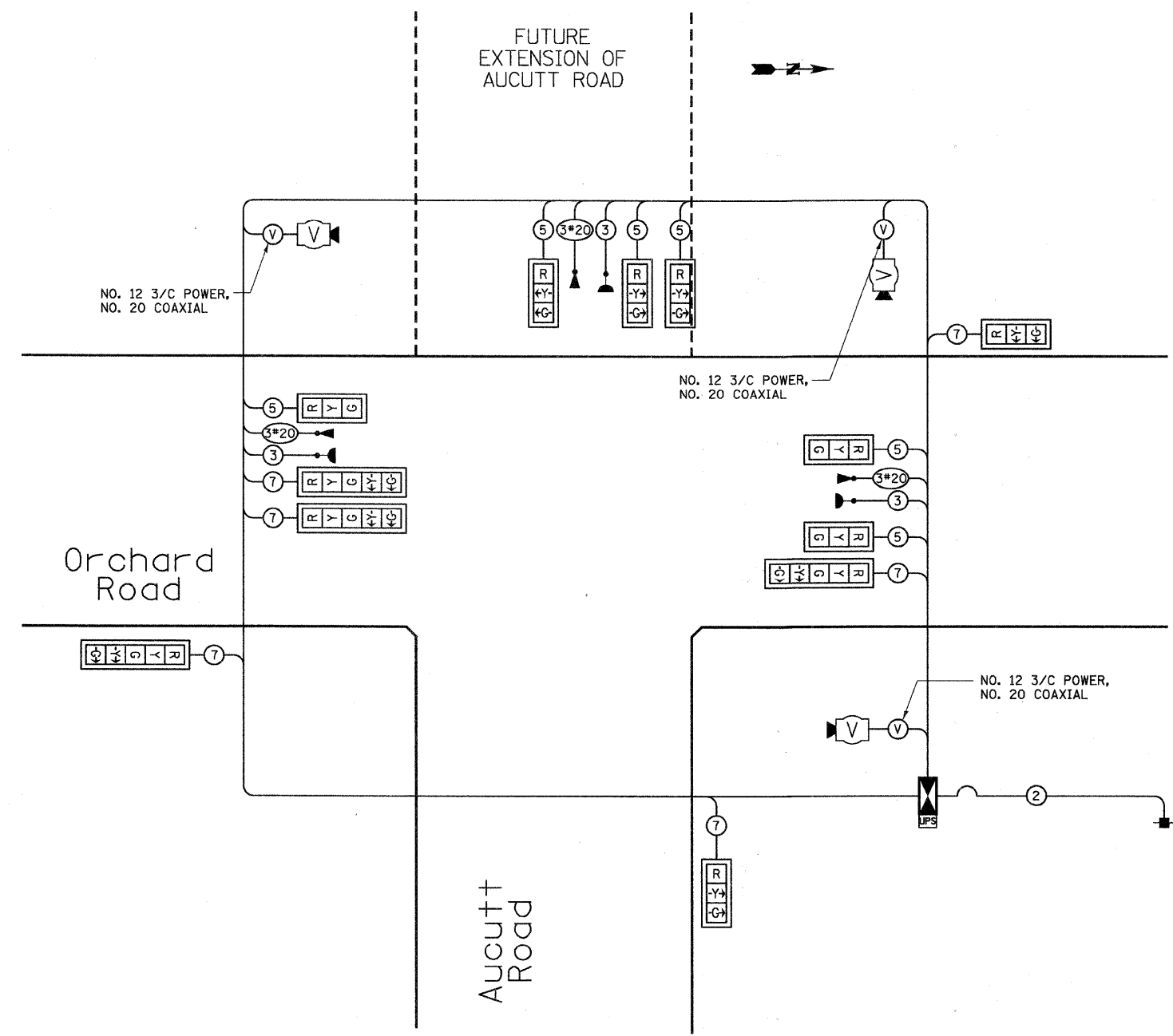
RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 8
D	= 8	+ 1

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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



NOTES:
1. TRAFFIC CONTROL EQUIPMENT SHALL BE MANUFACTURED BY SIEMENS.

TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE	% OPERATIONS	
SIGNAL (RED)	12	17	0.50	102.0
(YELLOW)	8	25	0.25	50.0
(GREEN)	8	15	0.25	30.0
ARROW	16	12	0.10	19.2
PED. SIGNAL	0	25	1.00	0.0
CONTROLLER	1	100	1.00	100.0
ILLUM. SIGN				
VIDEO SYSTEM	1	150	1.00	150.0
FLASHER			0.50	
TOTAL =				451.2

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

28.00000 / IN.
12/17/2010
R:\1117782\CAD\Sheet\117782_cable_elec.dwg



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 AUCUTT ROAD

SCALE: 1" = 20' SHEET NO. 10 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	119

CONTRACT NO. 63541
ILLINOIS FED. AID PROJECT