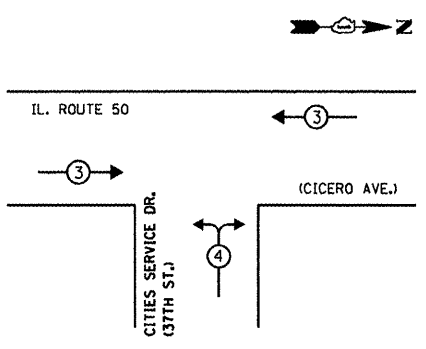
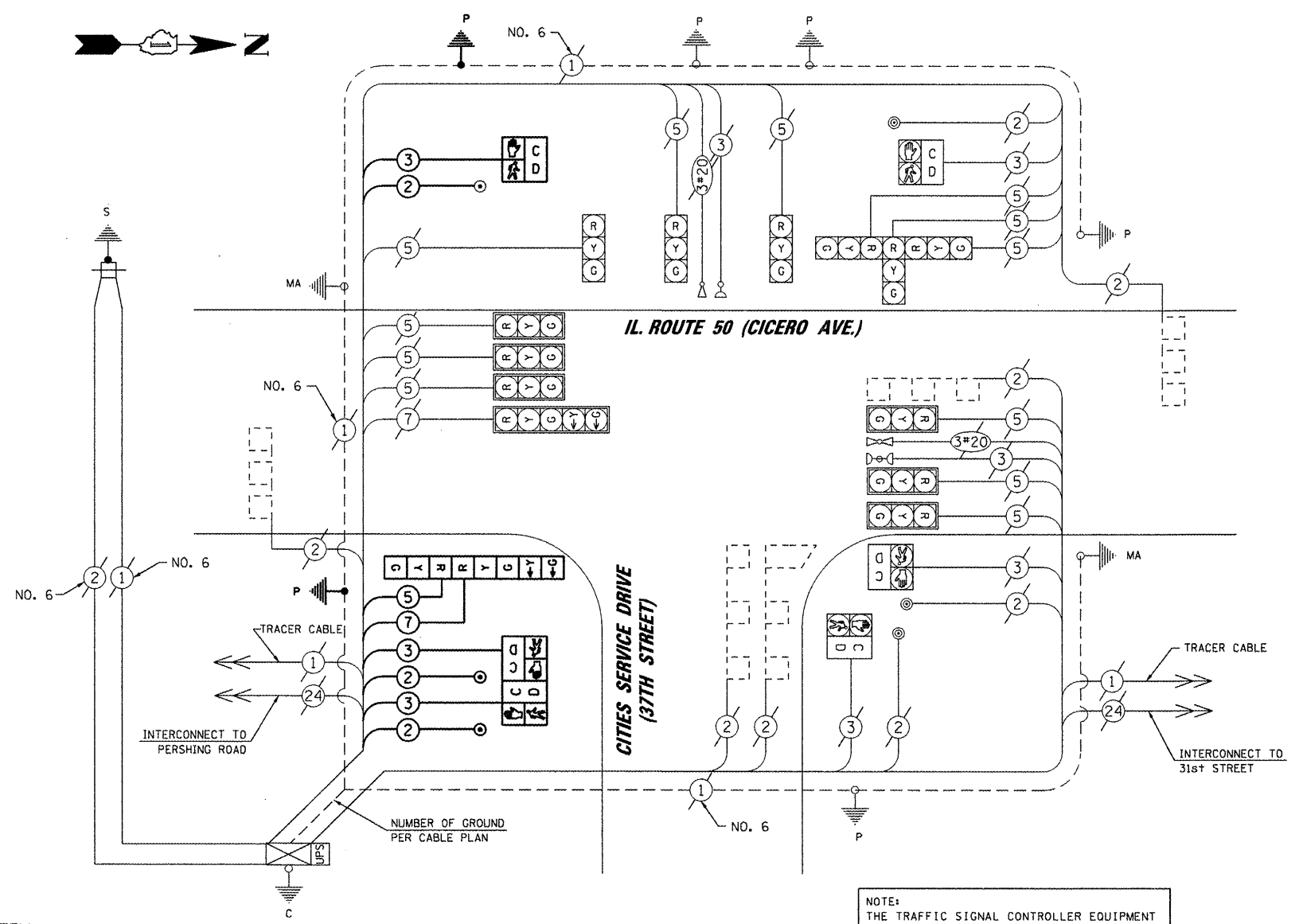


PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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



CABLE PLAN

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

SCHEDULE OF QUANTITIES

QNTY.	UNIT	PAY ITEM
37	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
250	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
254	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
60	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
60	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
194	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
8	FOOT	CONCRETE FOUNDATION, TYPE A
1	EACH	PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
3	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	SIGNAL HEAD, L.E.D., 2-FACE, 3-SECT., 5-SECT., BRACKET MOUNTED
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	REMOVE EXISTING CONCRETE FOUNDATION
4	EACH	REBUILD EXISTING HANDHOLE
2	EACH	DRILL EXISTING HANDHOLE

NOTE:
THE ENVIRONMENTAL FIRM IS REQUIRED TO CONTINUOUSLY MONITOR FOR WORKER PROTECTION AND SOIL CONTAMINATION AT SEVERAL AREAS. SEE SPECIAL PROVISION AND SUPPLEMENTAL SPECIFICATIONS FOR DETAILS.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND. LED	% OPERATION	
SIGNAL (RED)	15	17	0.50	127.50
(YELLOW)	15	25	0.25	93.75
(GREEN)	15	15	0.25	56.25
ARROW	4	12	0.10	4.80
PED. SIGNAL	6	25	1.00	150.00
CONTROLLER	1	100	1.00	100.00
ILLUM. SIGN	-	25	0.05	-
VIDEO SYSTEM	-	150	1.00	-
FLASHER			0.50	
ENERGY COSTS TO:			TOTAL =	532.30

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