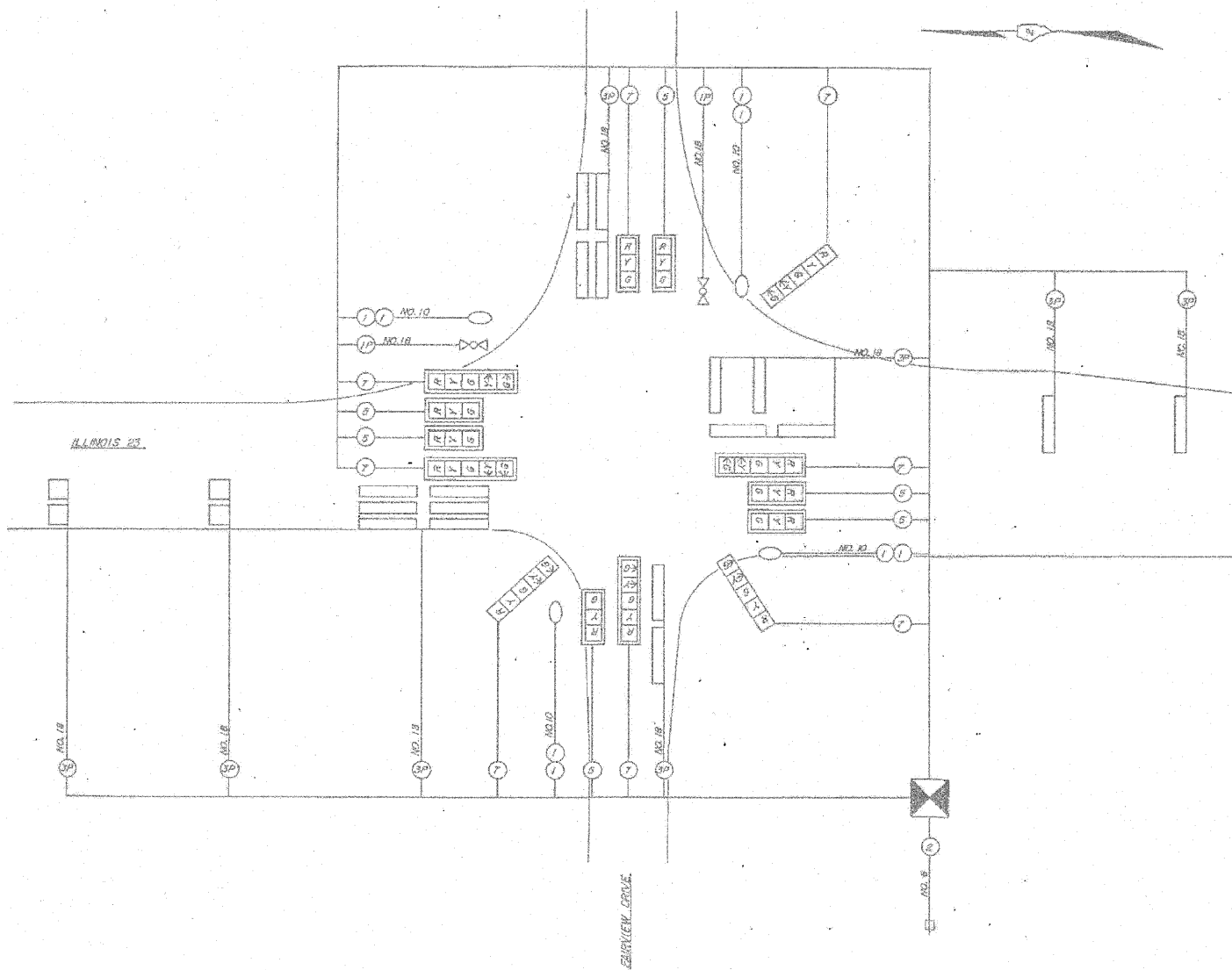
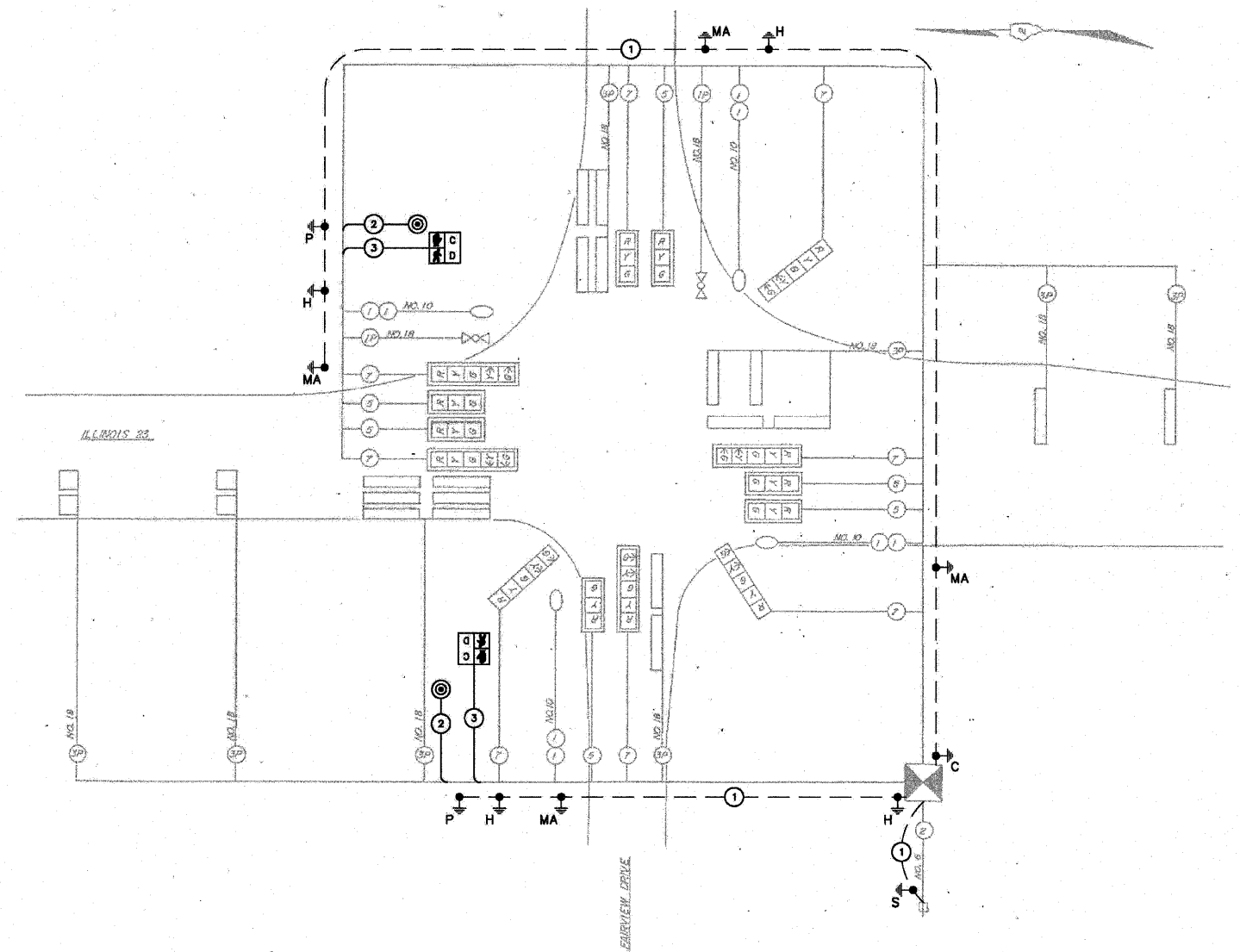


EXISTING CABLE PLAN

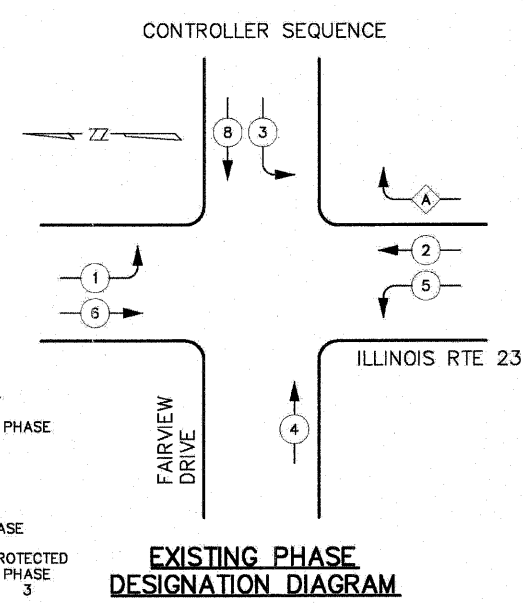


PROPOSED CABLE PLAN



I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	x WATTAGE		% OPERATION	
SIGNAL (RED)	14	-135-	17	0.50	119.0
(YELLOW)	14	-135-	25	0.25	87.5
(GREEN)	14	-135-	15	0.25	52.5
ARROW	14	-135-	12	0.10	16.8
PED. SIGNAL	2	-90-	25	1.00	50.0
CONTROLLER	1	100	100	1.00	100.0
LOOP	8	5		1.00	40.0
LIGHTING	4	250		0.50	500.0
ENERGY COSTS TO:					TOTAL = 965.8
ENERGY SUPPLY CONTACT:					
PHONE:					
COMPANY:					

- LEGEND**
- ① ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE
 - RYG SIGNAL FACE
 - RYG SIGNAL FACE WITH BACKPLATE
 - PCFD PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER
 - ⊙ PEDESTRIAN PUSHBUTTON
 - DETECTOR LOOP, TYPE I
 - ⊕ GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE
 - LUMINAIRE, 250 WATT
 - ∞ EMERGENCY VEHICLE PREEMPT



SCHEDULE OF QUANTITIES

Item No.	IDOT Code	Item Description	Unit	Total Quantity
1	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	14
2	85002000	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
3	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	394
4	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	408
5	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2
6	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8
7	87900200	DRILL EXISTING HANDHOLE	EACH	2
8	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
9	88800100	PEDESTRIAN PUSH-BUTTON	EACH	2
10	89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
11	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	523
12	X8140102	GROUND EXISTING HANDHOLE	EACH	4
13	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

