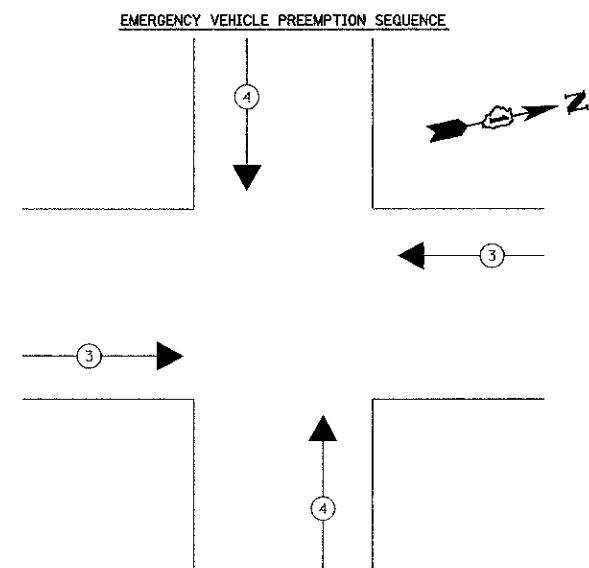
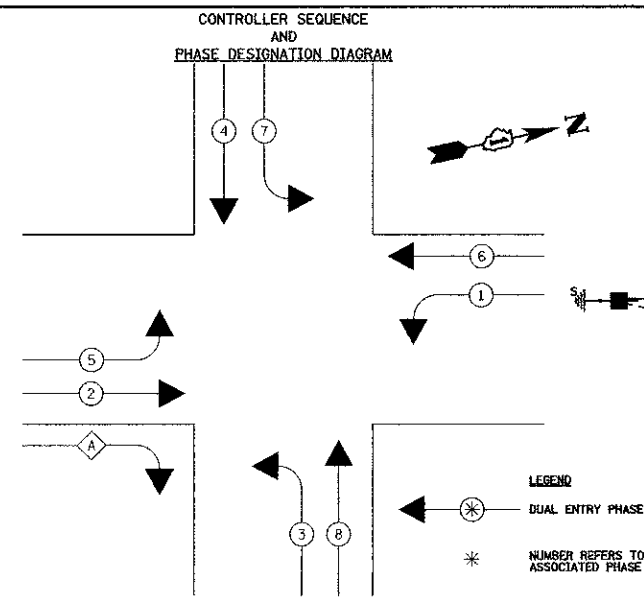
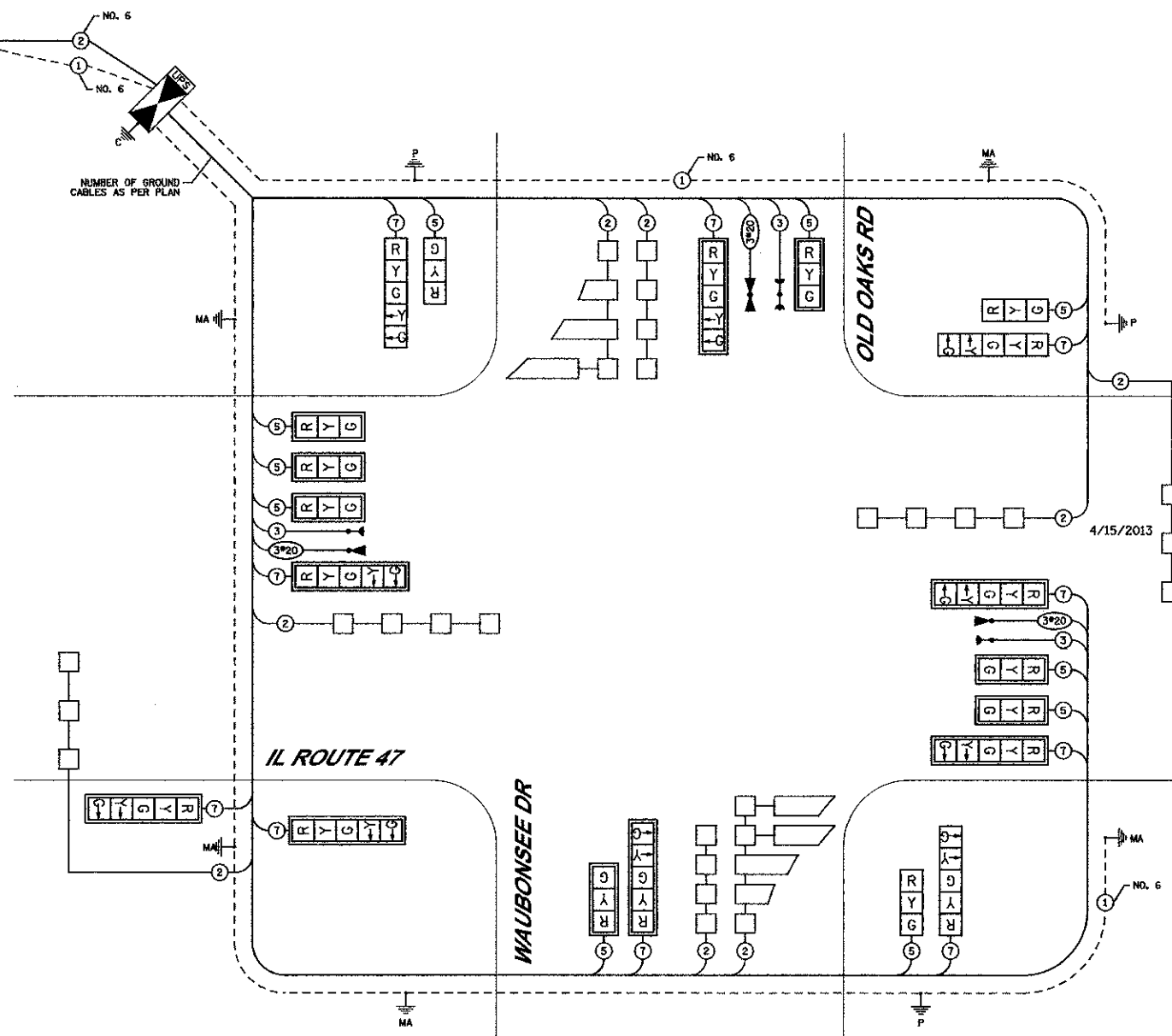




PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	
MOVEMENT	←	↑	↓

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	20	17		0.50	170.00
(YELLOW)	20	25		0.25	125.00
(GREEN)	20	15		0.25	75.00
ARROW	20	12		0.10	24.00
CONTROLLER		100		1.00	100.00
ENERGY COSTS TO:					TOTAL = 494.00
WAUBONSEE COMMUNITY COLLEGE					
ILLINOIS ROUTE 47 @ WAUBONSEE DRIVE					
SUGAR GROVE, ILLINOIS 60554					
ENERGY SUPPLY: CONTACT: TOM PERKINS					
PHONE: (630) 723 - 2127					
COMPANY: COMED					



SCHEDULE OF QUANTITIES		UNIT	TOTAL
ITEM			
72000100	SIGN PANEL - TYPE 1	SQ. FT.	92
72000200	SIGN PANEL - TYPE 2	SQ. FT.	45
80500200	SERVICE INSTALLATION - POLE MOUNTED	EACH	1
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	815
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	35
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	90
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	395
81400100	HANDHOLE	EACH	3
81400200	HEAVY-DUTY HANDHOLE	EACH	4
81400300	DOUBLE HANDHOLE	EACH	2
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,833
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	934
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,100
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,488
87301295	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C	FOOT	934
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	68
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 8 1C	FOOT	854
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	3
87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	2
87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1
8770041R	STEEL MAST ARM ASSEMBLY AND POLE, 68 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	25
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	7
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	3
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	14
88500100	INDUCTIVE LOOP DETECTOR	EACH	8
88500100	DETECTOR LOOP, TYPE I	FOOT	1,320
88700200	LIGHT DETECTOR	EACH	4
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, UNDERGROUND RACEWAYS, ETC. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED. ALL BRICK PAVERS DISTURBED IN THE WORK AREA SHALL BE RESTORED TO THEIR ORIGINAL CONFIGURATION AS DIRECTED BY THE ENGINEER. ALL DAMAGED BRICK PAVERS SHALL BE REPLACED WITH A COMPARABLE MATERIAL APPROVED BY THE ENGINEER. RESTORATION OF THE WORK AREA SHALL BE INCLUDED IN THE CONTRACT WITHOUT ANY EXTRA COMPENSATION ALLOWED TO THE CONTRACTOR.