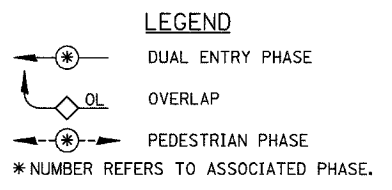
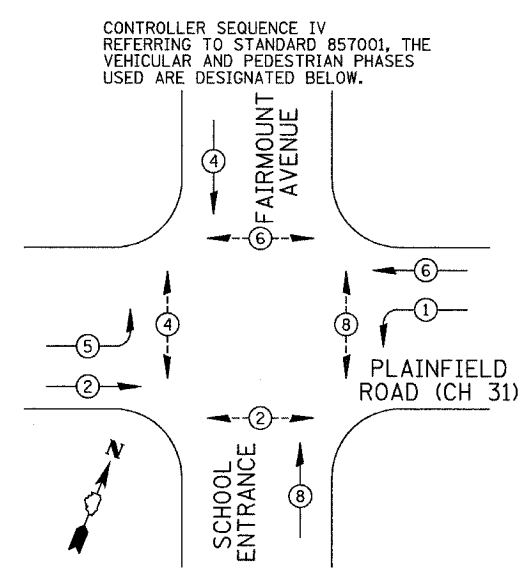
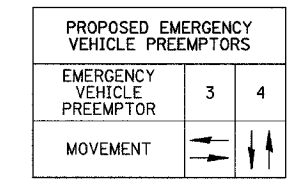
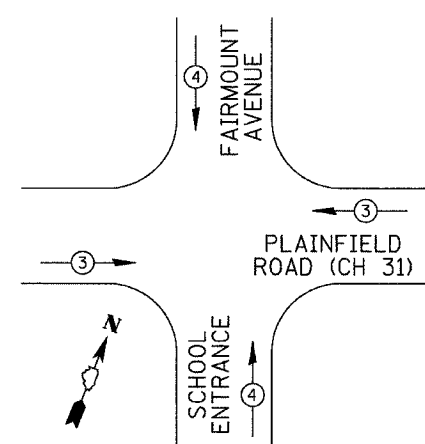


SCHEDULE OF QUANTITIES

81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	29
81400115	HANDHOLE TO BE ADJUSTED	EACH	2
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	29
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2/C	FOOT	61
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	FOOT	211
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FOOT	68
	ELECTRIC CABLE IN CONDUIT, COMMUNICATIONS, NO. 20 3/C	FOOT	75
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4
87900200	DRILL EXISTING HANDHOLE	EACH	1
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	1
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
89500400	RELOCATE EXISTING PEDESTRIAN PUSHBUTTON	EACH	1
89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	437
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1



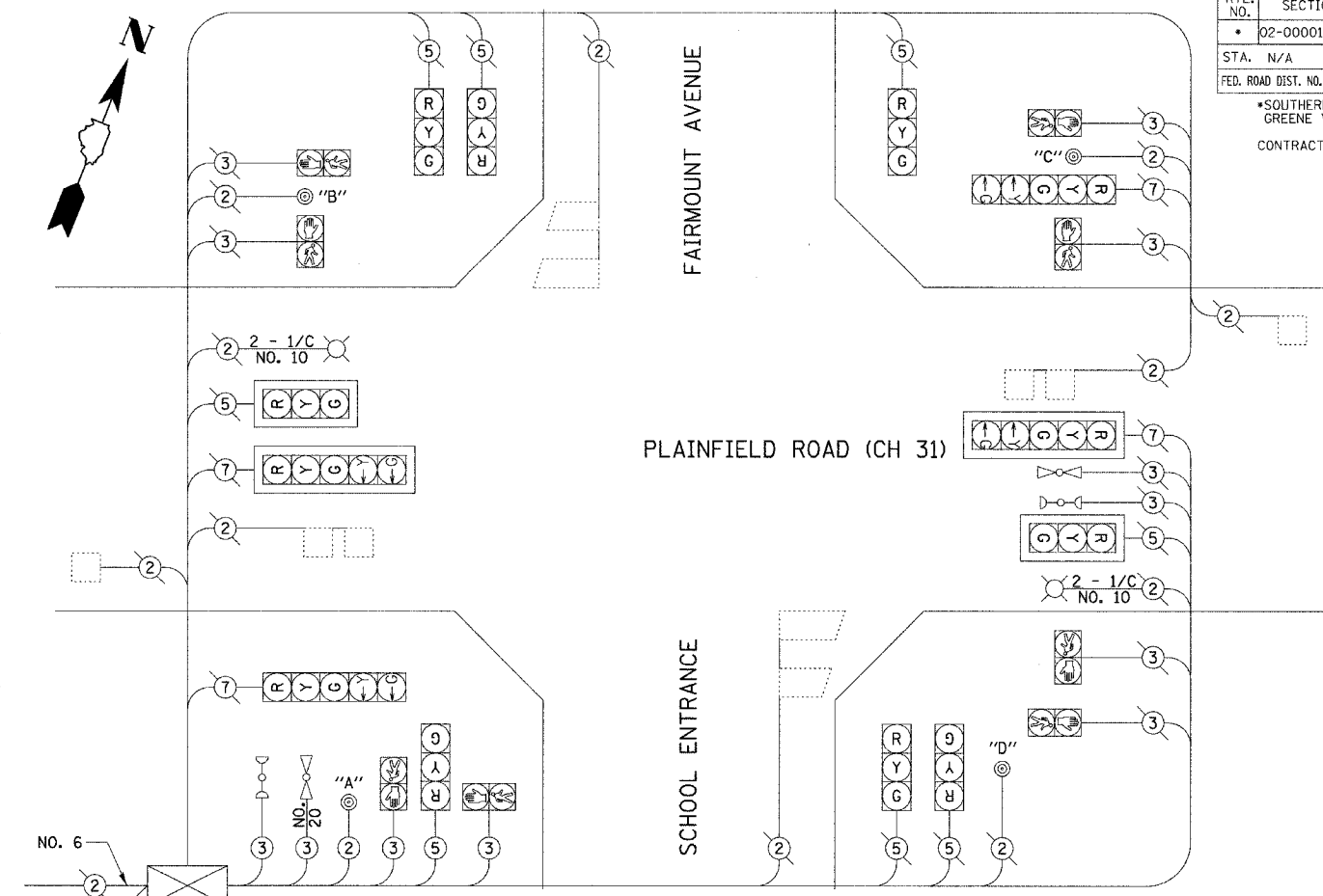
PHASE DESIGNATION DIAGRAM EXISTING - TO REMAIN



EMERGENCY VEHICLE PREEMPTION SEQUENCE EXISTING - TO REMAIN

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)	
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)	
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2=	
E - MAST ARM POLE		SIGNAL POST	2 (1.0)	(6 m+L-0.6 m)=		
	24" (600 mm)	10 (3.0)	CONTROLLER CABINET	1 (0.5)	BRACKET MOUNTED	13 (4.0)
	30" (750 mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PEDESTRIAN PUSHBUTTON	4 (1.2)
			ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
			GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
					POST MOUNTED	6 (1.8)

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	12	135	-	0.50	810
(YELLOW)	12	135	-	0.25	405
(GREEN)	12	135	-	0.25	405
ARROW	8	135	-	0.10	108
PED. SIGNALS	8	90	-	1.00	720
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN	-	-	-	0.05	-
FLASHER	-	-	-	-	-
EXISTING CONNECTED LOAD TO REMAIN UNCHANGED					2548
ENERGY COSTS TO: DuPAGE COUNTY					
ENERGY SUPPLY CONTACT:					



CABLE PLAN

CABLE PLAN LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

PUSHBUTTON NOTES

1. PUSHBUTTON "A" PLACES A CALL IN PHASES 2 AND 4.
2. PUSHBUTTON "B" PLACES A CALL IN PHASES 4 AND 6.
3. PUSHBUTTON "C" PLACES A CALL IN PHASES 6 AND 8.
4. PUSHBUTTON "D" PLACES A CALL IN PHASES 2 AND 8.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAINFIELD ROAD (CH 31) AND FAIRMOUNT AVENUE
 CABLE PLAN, CONTROLLER SEQUENCE,
 EMERGENCY VEHICLE PREEMPTION
 SEQUENCE & SUMMARY OF QUANTITIES

SCALE: N/A
 DATE: 5/10/04
 DRAWN BY: SRH & BSL
 DESIGNED BY: JM
 CHECKED BY: JM & SRH