

EXISTING SEQUENCE OF OPERATIONS											
MOVEMENT	1	2	3	4	5	6	7	8	9	10	11
PHASE	1	2	3	4	5	6	7	8	9	10	11
INTERVAL	1	2	3	4	5	6	7	8	9	10	11
CHANGE TO											
ILL 43 N/B	G	Y	R	R	R	R	R	R	R	R	R
near and far right signals	G	Y	R	R	R	R	R	R	R	R	R
ILL 43 S/B	G	Y	R	R	R	R	R	R	R	R	R
near right signal	G	Y	R	R	R	R	R	R	R	R	R
near left and far right signals	R	R	G	Y	R	G	Y	R	G	Y	R
ILL 43 W/B	R	R	R	R	R	R	R	R	R	R	R
near right signal	R	R	R	R	R	R	R	R	R	R	R
near left and far right signals	R	R	R	R	R	R	R	R	R	R	R
ILL 43 E/B	R	R	R	R	R	R	R	R	R	R	R
near right signal	R	R	R	R	R	R	R	R	R	R	R

RAILROAD PREEMPTION SEQUENCE OF OPERATION											
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	3	5	PREEMPTOR NUMBER 2	7	9	11	13	15	17	19
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1	3	5	7	9	11	13	15	17	19	21
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1	3	5	7	9	11	13	15	17	19	21
ILL 43 N/B	Y	R	R	R	R	R	R	R	R	R	R
near and far right signals	Y	R	R	R	R	R	R	R	R	R	R
ILL 43 S/B	Y	R	R	R	R	R	R	R	R	R	R
near right signal	Y	R	R	R	R	R	R	R	R	R	R
near left and far right signals	R	R	G	G	G	G	Y	R	R	R	R
ILL 43 W/B	R	R	R	R	R	R	R	R	R	R	R
near right signal	R	R	R	R	R	R	R	R	R	R	R
near left and far right signals	R	R	R	R	R	R	R	R	R	R	R
ILL 43 E/B	R	R	R	R	R	R	R	R	R	R	R
near right signal	R	R	R	R	R	R	R	R	R	R	R

Railroad Preemption Sequence shall provide proper clearance to resume the normal sequence of operation or proper clearance interval to display on Emergency Vehicle Interval (if applicable) after Railroad Preemption Interval 5 is terminated.

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATIONS *												
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	3	5	7	9	11	13	15	17	19	21	23
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1	3	5	7	9	11	13	15	17	19	21	23
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1	3	5	7	9	11	13	15	17	19	21	23
ILL 43 N/B	G	Y	R	R	R	R	R	R	R	R	R	R
near and far right signals	G	Y	R	R	R	R	R	R	R	R	R	R
ILL 43 S/B	G	Y	R	R	R	R	R	R	R	R	R	R
near right signal	G	Y	R	R	R	R	R	R	R	R	R	R
near left and far right signals	R	R	G	G	G	G	Y	R	R	R	R	R
ILL 43 W/B	R	R	R	R	R	R	R	R	R	R	R	R
near right signal	R	R	R	R	R	R	R	R	R	R	R	R
near left and far right signals	R	R	R	R	R	R	R	R	R	R	R	R
ILL 43 E/B	R	R	R	R	R	R	R	R	R	R	R	R
near right signal	R	R	R	R	R	R	R	R	R	R	R	R

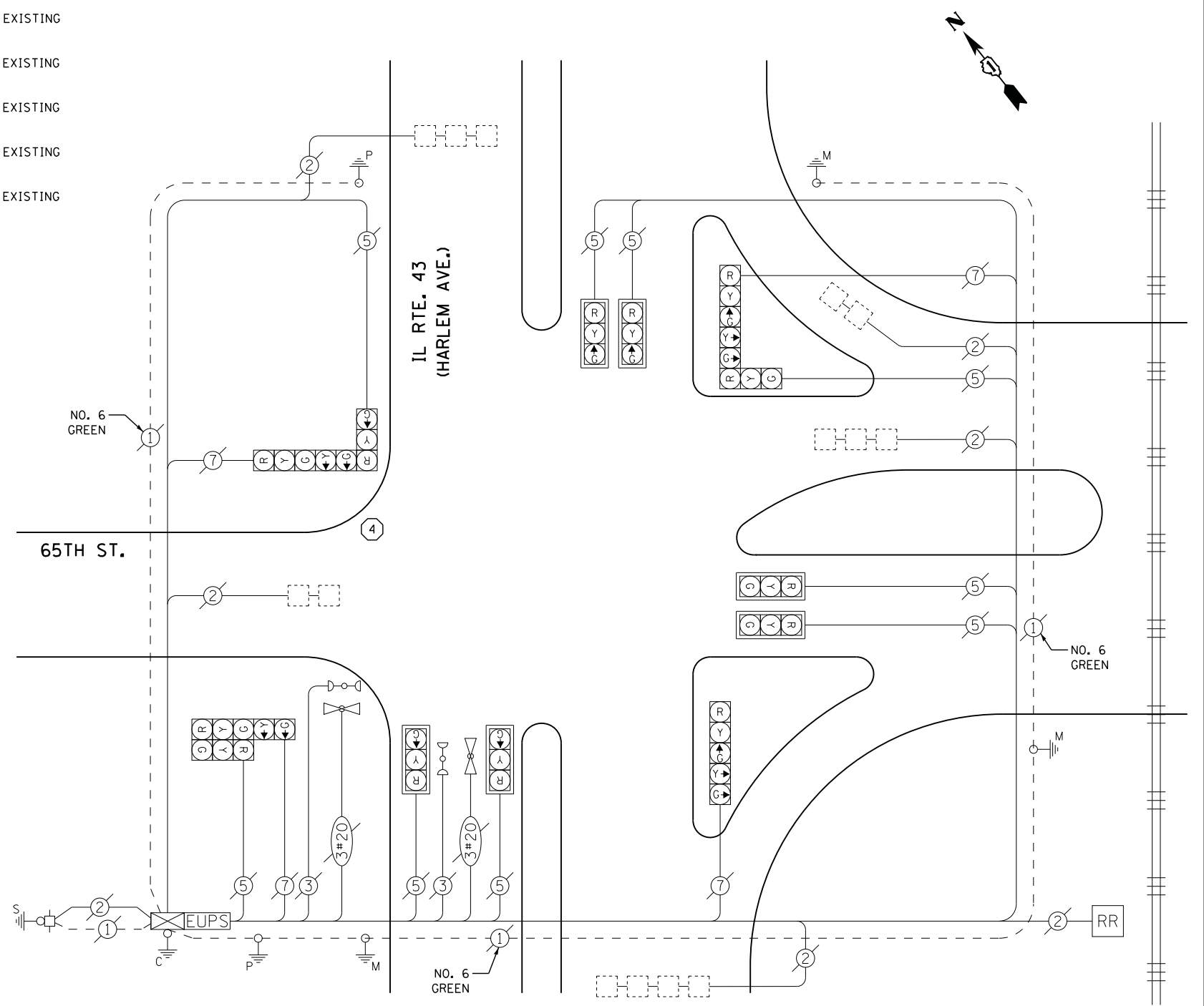
Emergency Vehicle Sequence shall provide the proper clearance interval to resume the normal sequence of operations or proper clearance interval to display a different emergency vehicle interval after Emergency Vehicle Interval 2 or 3 is terminated.

I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL ( RED )	13	135	17	0.50	111
( YELLOW )	13	135	25	0.25	82
( GREEN )	13	135	15	0.25	49
ARROW	8	135	12	0.10	10
PED. SIGNAL	0	90	25	1.00	0
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		252	25	0.05	
VIDEO SYSTEM		150	-	1.00	
TOTAL =					352

ENERGY COSTS- BILLED TO: IDOT DISTRICT 1  
201 WEST CENTER COURT  
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY - CONTACT ILYAS MOHIUDDIN  
PHONE 708-235-2692  
COMMONWEALTH EDISON

- 1 REPLACE 10 FT. PAINTED POST. RE-USE EXISTING  
TYPE A CONCRETE FOUNDATION.
- 2 REPLACE 14 FT. PAINTED POST. RE-USE EXISTING  
TYPE A CONCRETE FOUNDATION.
- 3 REPLACE 15 FT. PAINTED POST. RE-USE EXISTING  
TYPE A CONCRETE FOUNDATION.
- 4 REPLACE 16 FT. PAINTED POST. RE-USE EXISTING  
TYPE A CONCRETE FOUNDATION.
- 5 REPLACE 18 FT. PAINTED POST. RE-USE EXISTING  
TYPE A CONCRETE FOUNDATION.



**CABLE PLAN**

**SCHEDULE OF QUANTITIES**

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
2	EACH	RELOCATE EXISTING SIGNAL HEAD
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	REMOVE AND REPLACE ANCHOR BOLTS

**REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT**

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1 EACH SIGNAL POST