

# SEQUENCE OF OPERATIONS

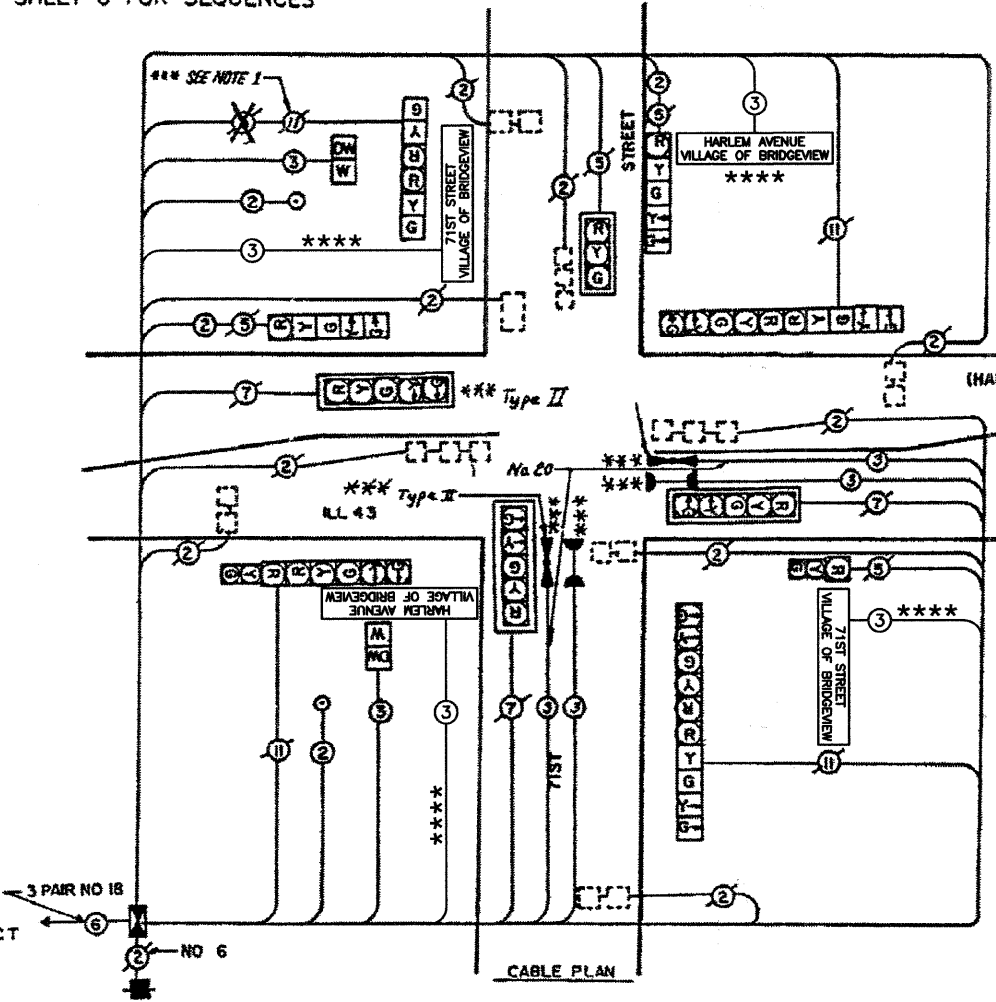
MOVEMENT	SEQUENCE OF OPERATIONS																																												
PHASE	1 + 5					1 + 6					2 + 5					2 + 6					4 + 7					4 + 8																			
INTERVAL	1	2	3	4	5	6	7A	7B	8A	8B	9	10A	10B	11A	11B	12	13A	13B	14A	14B	15	16	17A	17B	18A	18B	19	20	21A	21B	22A	22B	23	24	25	26A	26B	27A	27B						
CHANGE TO PHASE																																													
ILL 43 (HARLEM AV) S/B NEAR RIGHT ARM AND FAR RIGHT SIGNALS	R	R	R	R	R	G	Y	R	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
ILL 43 (HARLEM AV) S/B END MAST ARM AND FAR LEFT SIGNALS	G	G	G	G	G	Y	R	Y	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
ILL 43 (HARLEM AV) N/B NEAR RIGHT ARM AND FAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
ILL 43 (HARLEM AV) N/B END MAST ARM AND FAR LEFT SIGNALS	G	G	G	G	G	Y	R	Y	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
71ST ST W/B NEAR RIGHT ARM AND FAR LEFT SIGNALS	G	G	G	G	G	Y	R	Y	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
71ST ST W/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
71ST ST E/B NEAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
71ST ST E/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
PED. SIGNALS X-ING ILL 43 (HARLEM AV) ON S. SIDE OF 71ST ST	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW

\* TO APPEAR ONLY UPON PUSHBUTTON ACTIVATION.  
 \*\* FLASHING "DON'T WALK" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN CLEARANCE INTERVAL.  
 ⊕ THIS "WALK" OR FLASHING "DON'T WALK" INTERVAL MAY FINISH TYPING IN THE BI-DIRECTIONAL STRAIGHT THRU MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE "WALK" OR FLASHING "DON'T WALK" INTERVALS.

### SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	FULL-ACTUATED CONTROLLER, SPECIAL SEQUENCE, PHASES, IN TYPE IV CABINET
1	EACH	TRANSCIEVER
2	EACH	PEDESTRIAN PUSHBUTTON
424	LIN. FT.	ELECTRIC CABLE IN CONDUIT NO. 24 2/C
159	LIN. FT.	ELECTRIC CABLE IN CONDUIT NO. 14 3/C
274	LIN. FT.	ELECTRIC CABLE IN CONDUIT NO. 18 3 PAIR TWISTED, SHIELDED
5	EACH	REBUILD EXISTING SIGNAL HEAD
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
8	EACH	RELOCATE EXISTING INDUCTION LOOP DETECTOR
1	EACH	AMPLIFIER
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	PAINT EXISTING TRAFFIC SIGNAL EQUIPMENT
152	LIN. FT.	THERMOPLASTIC PAVEMENT MARKING - LINE 6"
144	LIN. FT.	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
2	EACH	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
1400	SQ. FT.	BARRIER MEDIA REMOVAL AND PAVEMENT REPLACEMENT, SPECIAL
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR. SHALL REMAIN THE PROPERTY OF THE STATE, AND SHALL BE STORED AS STATED IN THE SPECIAL PROVISION FOR PICK UP BY STATE FORCES AS DESIGNATED BY THE CONTRACT.		
1	EACH	CONTROLLER & CABINET COMPLETE

\*\*\* SEE SHEET 6 FOR SEQUENCES



\* THIS PLAN IS FOR THE PURPOSE OF INSTALLING L.E.D. ILLUMINATED STREET NAME SIGNS AS SHOWN PER PLAN. ALL OTHER EQUIPMENT SHALL BE DISREGARDED.

- #### CABLE PLAN LEGEND
- 8" TRAFFIC SIGNAL SECTION
  - 12" TRAFFIC SIGNAL SECTION
  - 12" PEDESTRIAN SIGNAL SECTION
  - CONTROLLER CABINET
  - SERVICE INSTALLATION
  - VEHICLE DETECTOR, INDUCTION LOOP
  - PUSHBUTTON DETECTOR
  - DENOTES NUMBER OF CONDUCTORS (NEN). ALL LOOP DETECTOR CABLE TO BE SHIELDED. ALL CABLE NO. 14 EXCEPT AS INDICATED.
  - INDICATES EXISTING CABLE
  - SIGNAL FACE WITH BACKPLATE \*#\* INDICATES PROGRAMMED
  - EXISTING SIGNAL SECTION
  - \*\*\*-E EMERGENCY VEHICLE SYSTEM DETECTOR CONFIRMATION BEACON
  - \*\*\*-L HARLEM AVENUE VILLAGE OF BRIDGEVIEW L.E.D. ILLUMINATED STREET NAME SIGN

NOTE 1: THESE ITEMS INCLUDED IN CONTRACT FOR INSTALLATION OF EMERGENCY VEHICLE PREEMPTION EQUIPMENT.  
 NOTE 2: THESE ITEMS WERE FIELD VERIFIED TO EXIST AS SHOWN.