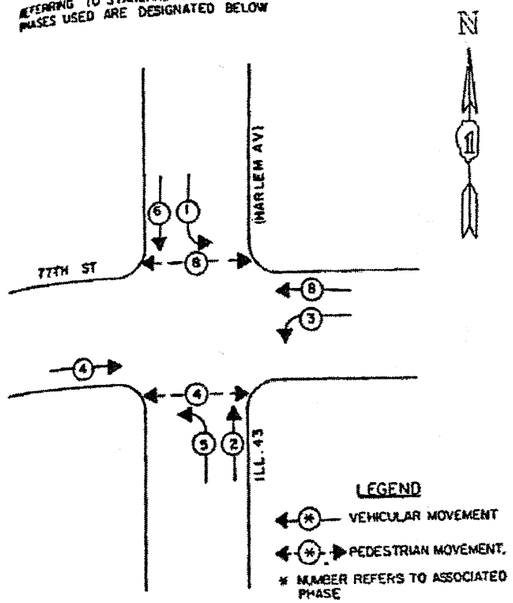
CONTROLLER SEQUENCE IV

REFERRING TO STANDARD 2393-4, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW



PHASE DESIGNATION DIAGRAM

EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR. SALVAGE REMAIN THE PROPERTY OF THE STATE, AND SHALL BE DELIVERED AS STATED IN SPECIAL PROVISION FOR SALVAGE UP BY STATE FORCES AS DESIGNATED BY THE ENGINEER.

1 EACH CONTROLLER AND CABINET COMPLETE

1 EACH TYPE II BASE COORDINATOR

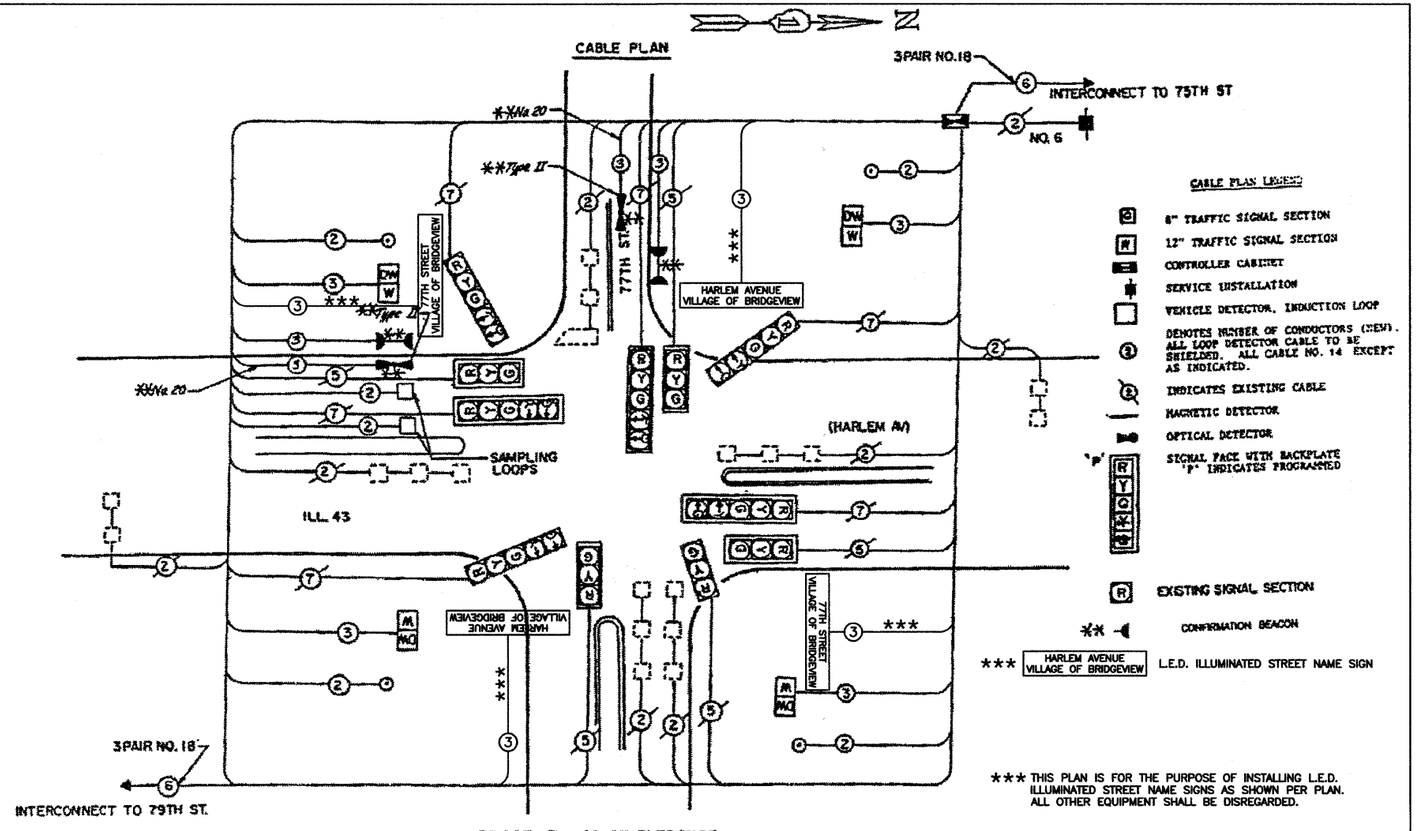
SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
2	EACH	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
1	EACH	FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE IV, 8 PHASES, IN TYPE IV CABINET
1	EACH	TRANSCEIVER
4	EACH	PEDESTRIAN PUSHBUTTON
517	LIN. FT.	ELECTRIC CABLE IN CONDUIT NO. 14 2/C
517	LIN. FT.	ELECTRIC CABLE IN CONDUIT NO. 14 3/C
732	LIN. FT.	ELECTRIC CABLE IN CONDUIT NO. 18 3 PAIR TWISTED, SHIELDED
4	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	PAINT EXISTING TRAFFIC SIGNAL EQUIPMENT
264	LIN. FT.	THERMOPLASTIC PAVEMENT MARKING - LINE 4"
16	LIN. FT.	THERMOPLASTIC PAVEMENT MARKING - LINE 24"

SCHEDULE OF QUANTITIES

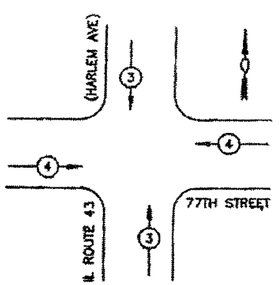
QUANTITY	UNIT	ITEM
2	EACH	INDUCTION LOOP DETECTOR AMPLIFIER
66	LIN. FT.	DETECTOR LOOP, TYPE I
18	LIN. FT.	UNIT DUCT, UNDERGROUND WITHOUT CABLE IN TRENCH 1"
244	LIN. FT.	ELECTRIC CABLE IN CONDUIT NO. 14 2/C TWISTED, SHIELDED
9	LIN. FT.	TRENCH AND BACKFILL
2	EACH	DRILL EXISTING HANDHOLE

CABLE PLAN



*** 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.

**EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

** SCHEDULE OF QUANTITIES

IL ROUTE 43 (HARLEM AVE) / 77th ST

CODE NUMBER	PAY ITEM DESCRIPTION	UNIT	QUANTITY
8240**220	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	263
8500**200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
XXXXXXXX	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	1
XXXXXXXX	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED,	FOOT	263
XXXXXXXX	LIGHT DETECTOR, TYPE II	EACH	2
XXXXXXXX	LIGHT DETECTOR AMPLIFIER	EACH	1

*** SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
ILLUMINATED STREET NAME SIGN	EACH	4
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	EACH	655

LOCATION NO. 11

FILE NAME = 07441_02-PLAN-SIGN-01 - IDOT P07	USER NAME =	DESIGNED — MRS	REVISED —
		CHECKED — PKB	REVISED —
	PLOT SCALE =	DRAWN — RG	REVISED —
	PLOT DATE = 10-21-10	CHECKED — AG	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HARLEM AVENUE BEAUTIFICATION
CABLE PLAN, EMERGENCY VEHICLE PREEMPTION, PHASE DESIGNATION DIAGRAM, AND SCHEDULE OF QUANTITIES
IL ROUTE 43 (HARLEM AVE) AND 77TH STREET

SCALE: 1"=20' | SHEET NO. 45 OF 55 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	07-00055-01-SG	COOK	55	45
		CONTRACT NO. 63510		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT HPP-3462(001)