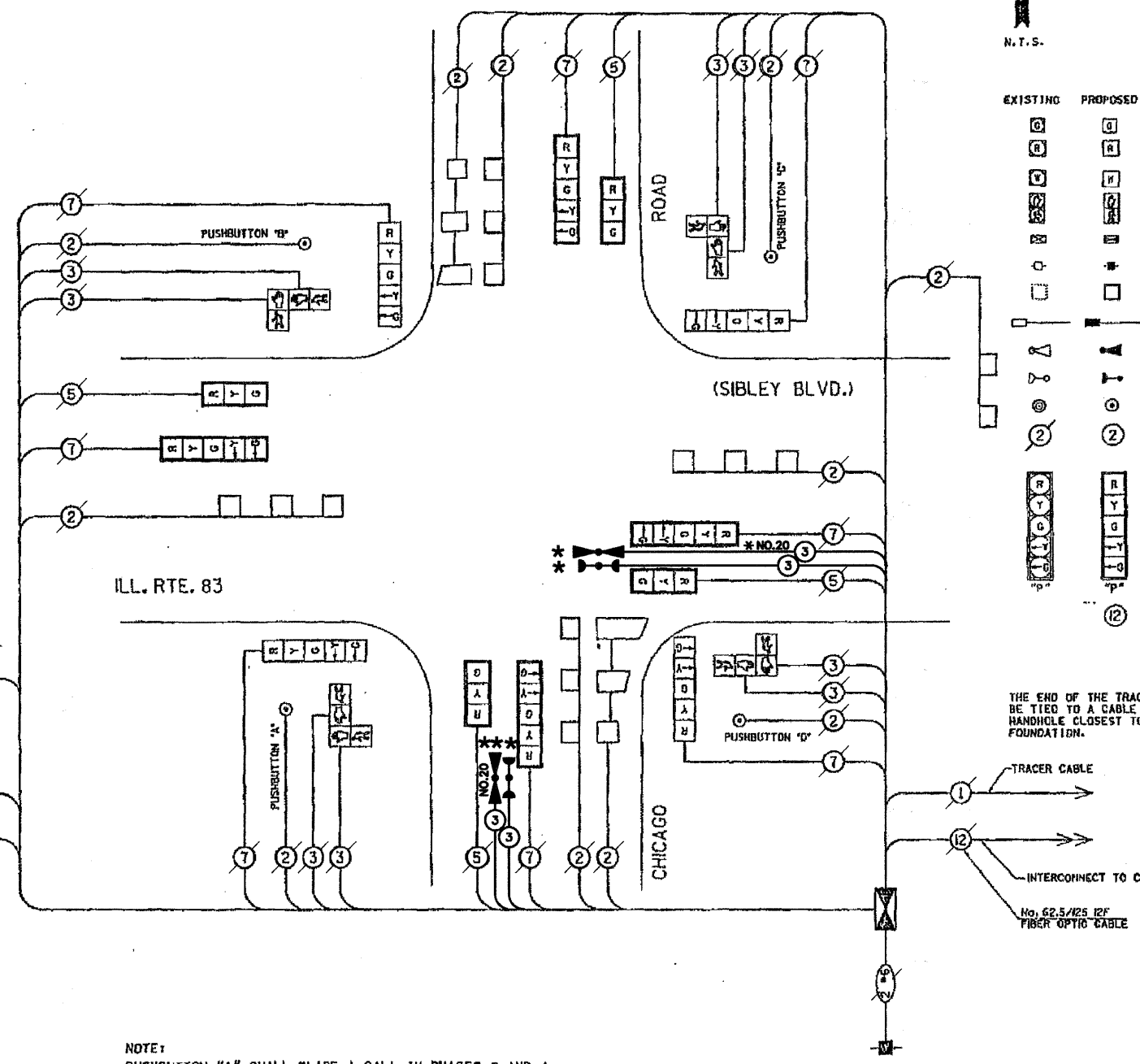


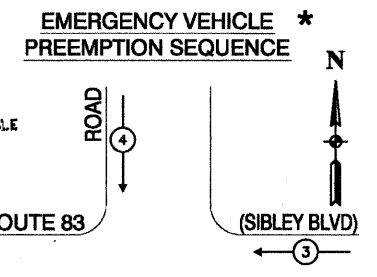
SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1.6	SO M	SIGN PANEL - TYPE 1
2.6	SO M	SIGN PANEL - TYPE 2
4	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, 1-FACE, 8-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, 2-FACE, BRACKET MOUNTED
8	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 7.14 METER
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 7.14 METER
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 10.36 METER
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 12.19 METER
1	EACH	FULL-AUTOMATED CONTROLLER AND TYPE IV CABINET
8	EACH	INDUCTIVE LOOP DETECTOR
222.1	METER	DETECTOR CORD, TYPE I
4	EACH	PEDESTRIAN PUSH-BUTTON
6	METER	CONDUIT IN TRENCH, 40MM DIA., GALVANIZED STEEL
150.2	METER	CONDUIT IN TRENCH, 50MM DIA., GALVANIZED STEEL
12.2	METER	CONDUIT IN TRENCH, 50MM DIA., GALVANIZED STEEL
6.9	METER	CONDUIT IN TRENCH, 50MM DIA., GALVANIZED STEEL
22	METER	CONDUIT PUSHED, 50MM DIA., GALVANIZED STEEL
73.8	METER	CONDUIT PUSHED, 50MM DIA., GALVANIZED STEEL
10	METER	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 8 2 C
171.6	METER	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
363.2	METER	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
210.98	METER	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 8C
407.76	METER	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
447	METER	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
1	EACH	SERVICE INSTALLATION, TYPE C
1.2	METER	CONCRETE FOUNDATION, TYPE D
3	METER	CONCRETE FOUNDATION, TYPE E 600MM DIAMETER
15.72	METER	CONCRETE FOUNDATION, TYPE E 750MM DIAMETER
5	EACH	HANDHOLE
4	EACH	HEAVY-DUTY HANDHOLE
1	EACH	DOUBLE HANDHOLE
184.8	METER	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
9	EACH	REMOVE EXISTING HANDHOLE
1	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	TRANSCIVER - FIBER OPTIC

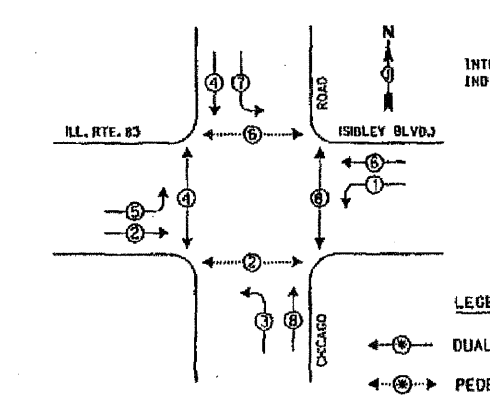


CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		8" (200 mm) TRAFFIC SIGNAL SECTION
		12" (300 mm) TRAFFIC SIGNAL SECTION
		12" (300 mm) PEDESTRIAN SIGNAL SECTION
		CONTROLLER CABINET
		SERVICE INSTALLATION
		VEHICLE DETECTOR, INDUCTION LOOP
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
		DENOTES NUMBER OF CONDUCTORS.
		ALL CABLE NO. 14 EXCEPT AS INDICATED.
		ALL LOOP DETECTOR CABLE TO BE SHIELDED.
		SIGNAL FACE WITH BACKPLATE.
		"P" INDICATES PROGRAMMED HEAD.



CONTROLLER SEQUENCE
REFERRING TO STANDARD 087001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW.



LEGEND
 DUAL ENTRY PHASE
 PEDESTRIAN PHASE
 * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM
 DUAL ENTRY - ALL LEGS
 PROTECTED/PERMITTED LEFT TURN PHASING

THE END OF THE TRACER CABLE SHALL BE TIED TO A CABLE HOOK IN THE DOUBLE HANDHOLE CLOSEST TO THE CONTROLLER FOUNDATION.

THE END OF THE TRACER CABLE SHALL BE TIED TO A CABLE HOOK IN THE DOUBLE HANDHOLE CLOSEST TO THE CONTROLLER FOUNDATION.

NOTE:
 PUSHBUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.
 PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.
 PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8.
 PUSHBUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

*** SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUAN
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	289
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
MODIFY EXISTING CONTROLLER	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	289

*** THIS PLAN IS FOR THE PURPOSE OF INSTALLING EMERGENCY VEHICLE PREEMPTION EQUIPMENT AS SHOWN PER PLAN INDICATED IN THE SCHEDULE OF QUANTITIES. ALL OTHER EQUIPMENT SHOWN SHALL BE DISREGARDED.**

PROPOSED EMERGENCY VEHICLE PREEMPTORS

EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT		

*** ADDED BY PREEMPTION LOCATION NO. 3**