

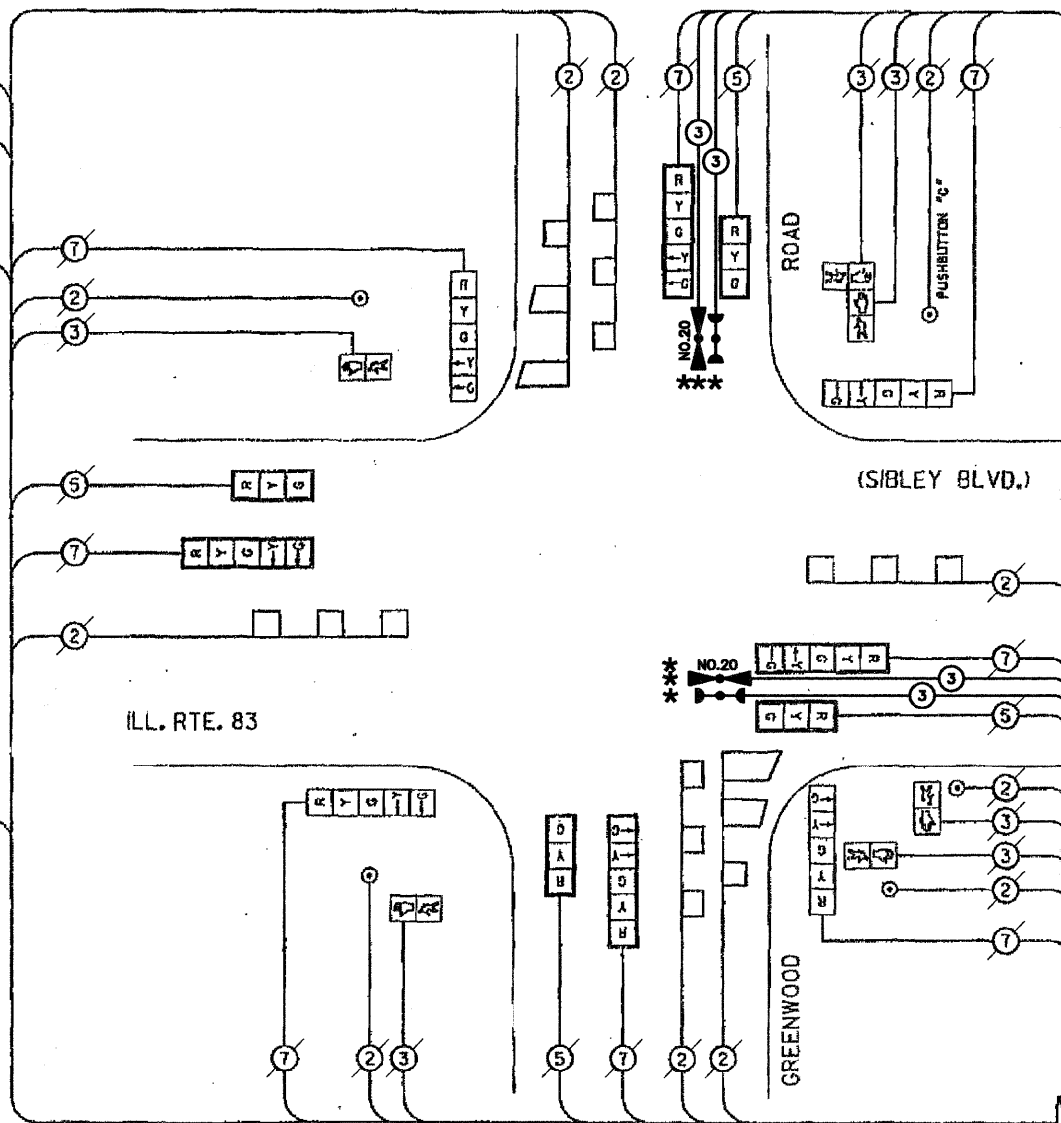
THE END OF THE TRACER CABLE SHALL BE TIED TO A CABLE HOOK IN THE DOUBLE HANDHOLE CLOSEST TO THE CONTROLLER FOUNDATION.

TRACER CABLE  
 INTERCONNECT TO ENGLE PLACE  
 No. 62.5/125 12F FIBER OPTIC CABLE  
 FIRE PREEMPTION CABLE TO ENGLE PLACE



CABLE PLAN LEGEND

- |          |          |   |
|----------|----------|---|
| EXISTING | PROPOSED |   |
|          |          | 8" (200 mm) TRAFFIC SIGNAL SECTION  |
|          |          | 12" (300 mm) TRAFFIC SIGNAL SECTION   |
|          |          | 12" (300 mm) PEDESTRIAN 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.<br>ALL CABLE NO. 14 EXCEPT AS INDICATED.<br>ALL LOOP DETECTOR CABLE TO BE SHIELDED. |
|          |          | SIGNAL FACE WITH BACKPLATE.<br>"P" INDICATES PROGRAMMED HEAD.   |
|          |          | No. 62.5/125 12F FIBER OPTIC CABLE  |



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

TRACER CABLE  
 INTERCONNECT TO WOODLAWN AVENUE  
 No. 62.5/125 12F FIBER OPTIC CABLE

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
18	SQ M	SIGN PANEL - TYPE 1
2.6	SQ M	SIGN PANEL - TYPE 2
4	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, 1-FACE, 8-SECTION, MAST ARM MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
1	EACH	PEDESTRIAN SIGNAL HEAD, 2-FACE, BRACKET MOUNTED
8	EACH	TRAFFIC SIGNAL BACKPLATE
3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 6.70 METER
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 7.31 METER
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 9.14 METER
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
8	EACH	INDUCTIVE LOOP DETECTOR
195.0	METER	DETECTOR LOOP, TYPE
5	EACH	PEDESTRIAN PUSH-BUTTON
35	METER	CONDUIT IN TRENCH, 40MM DIA, GALVANIZED STEEL
185	METER	CONDUIT IN TRENCH, 60MM DIA, GALVANIZED STEEL
45.5	METER	CONDUIT IN TRENCH, 85MM DIA, GALVANIZED STEEL
15	METER	CONDUIT IN TRENCH, 100MM DIA, GALVANIZED STEEL
30.5	METER	CONDUIT PUSHED, 80MM DIA, GALVANIZED STEEL
89	METER	CONDUIT PUSHED, 100MM DIA, GALVANIZED STEEL
39	METER	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 8 2C
230.4	METER	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
290.4	METER	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
292	METER	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
486.4	METER	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
554.9	METER	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
1	EACH	SERVICE INSTALLATION, TYPE C
3.6	METER	CONCRETE FOUNDATION, TYPE A
1.2	METER	CONCRETE FOUNDATION, TYPE B
9.15	METER	CONCRETE FOUNDATION, TYPE E 600MM DIAMETER
4.57	METER	CONCRETE FOUNDATION, TYPE E 750MM DIAMETER
4	EACH	HANDHOLE
4	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
279.3	METER	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	REMOVE EXISTING HANDHOLE
10	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	TRANSMITTER - FIBER OPTIC

NOTE:  
 PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 6 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	284
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	284

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.

\* ADDED EV PREEMPTION LOCATION NO. 5