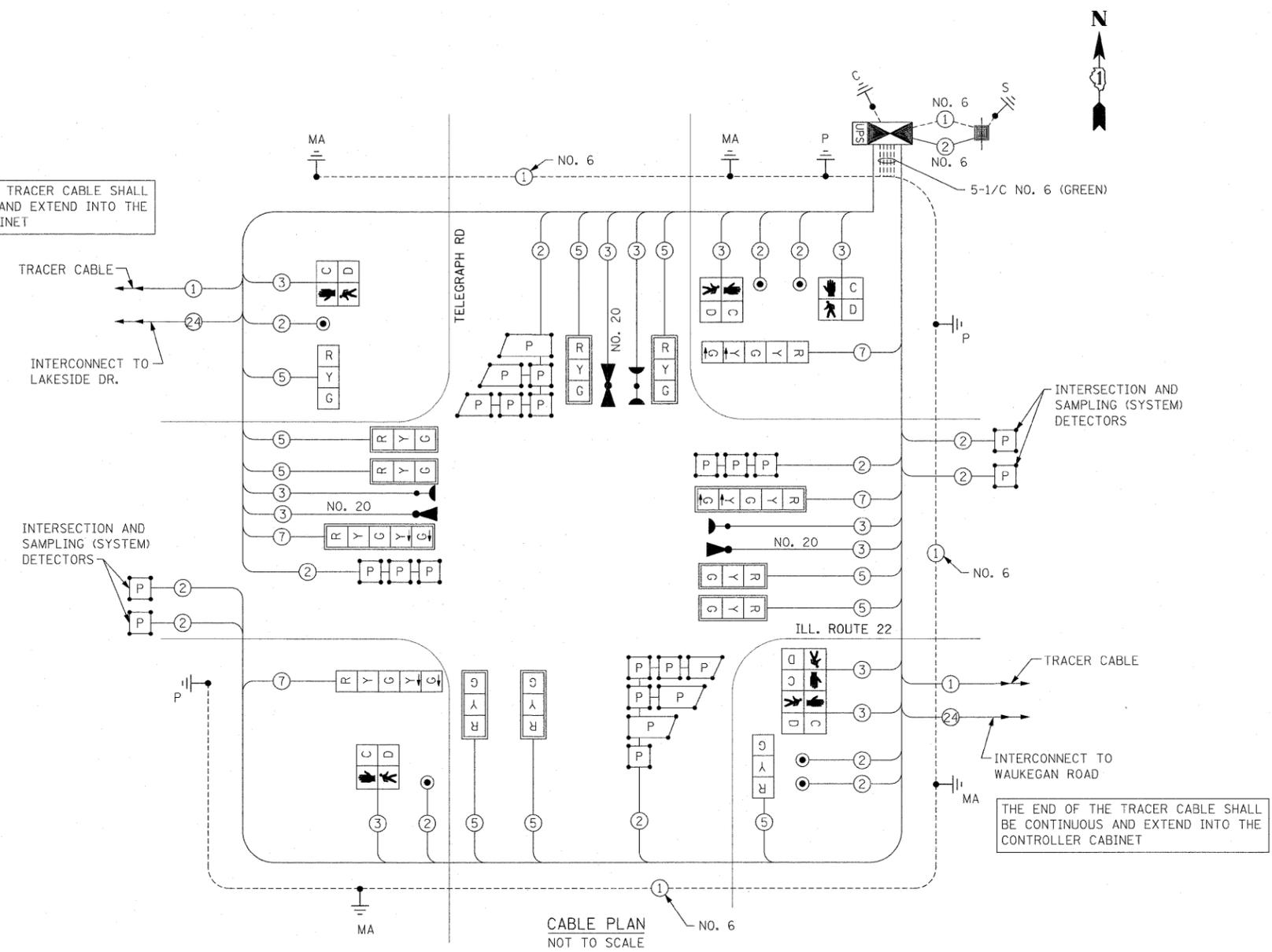


SCHEDULE OF QUANTITIES

| ITEM | UNIT | QNTY. |
|---|-------|-------|
| SIGN PANEL - TYPE 1 | SQ FT | 33 |
| CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL | FOOT | 553 |
| CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL | FOOT | 41 |
| CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL | FOOT | 13 |
| CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL | FOOT | 159 |
| CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL | FOOT | 7 |
| CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL | FOOT | 58 |
| CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL | FOOT | 452 |
| HANDHOLE | EACH | 4 |
| HEAVY-DUTY HANDHOLE | EACH | 2 |
| DOUBLE HANDHOLE | EACH | 2 |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 607 |
| FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL | EACH | 1 |
| TRANSCEIVER - FIBER OPTIC | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT | 839 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 1,426 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 1,970 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 803 |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 2,255 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | FOOT | 67 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT. | EACH | 1 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | EACH | 2 |
| STEEL MAST ARM ASSEMBLY AND POLE, 32 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 36 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 52 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 60 FT. | EACH | 1 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 12 |
| CONCRETE FOUNDATION, TYPE C | FOOT | 4 |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 37 |
| CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER | FOOT | 21 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 8 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 2 |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 2 |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED | EACH | 2 |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 4 |
| PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 1 |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM | EACH | 10 |
| INDUCTIVE LOOP DETECTOR | EACH | 8 |
| ** LIGHT DETECTOR | EACH | 3 |
| ** LIGHT DETECTOR AMPLIFIER | EACH | 1 |
| PEDESTRIAN PUSH-BUTTON | EACH | 6 |
| TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 8 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 9 |
| PREFORMED DETECTOR LOOP | FOOT | 1,006 |
| TEMPORARY TRAFFIC SIGNAL TIMING | EACH | 1 |
| SERVICE INSTALLATION - POLE MOUNTED | EACH | 1 |
| UNINTERRUPTIBLE POWER SUPPLY | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C | FOOT | 562 |
| ** ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED | FOOT | 545 |

** 100 % COST TO VILLAGE OF BANNOCKBURN

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET



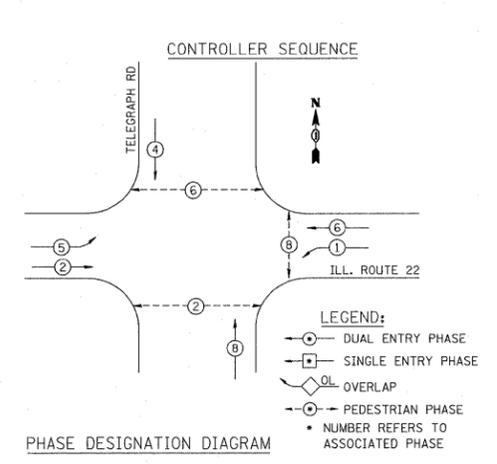
CABLE PLAN NOT TO SCALE

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET

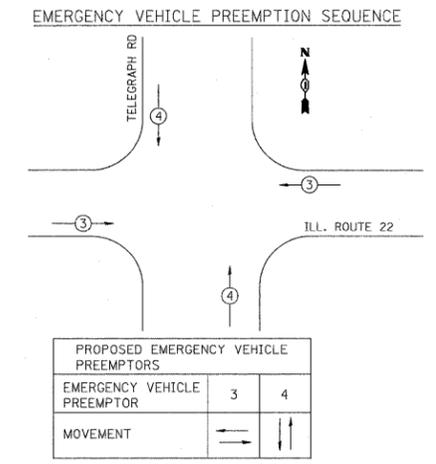
| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|--|-----------|----------------|-------------|-------------|---------------|
| TYPE | NO. LAMPS | WATTAGE INCAND | WATTAGE LED | % OPERATION | |
| SIGNAL (RED) | 14 | | 17 | 0.50 | 119 |
| (YELLOW) | 14 | | 25 | 0.25 | 87.5 |
| (GREEN) | 14 | | 15 | 0.25 | 52.5 |
| ARROW | 8 | | 12 | 0.10 | 9.6 |
| PED. SIGNAL | 6 | | 25 | 1.00 | 150 |
| CONTROLLER | 1 | | 100 | 1.00 | 100 |
| ILLUM. SIGN | | | 25 | 0.05 | |
| FLASHER | | | 25 | 0.50 | |
| TOTAL = | | | | | 518.6 |

ENERGY COST TO: Illinois Department of Transportation
Division of Highways / District 1
201 W Center Court / Schaumburg, Illinois 60196-1096

ENERGY SUPPLY: CONTACT: MR. VARUGHESI SAMUEL
PHONE: 847-816-5291
COMPANY: ComEd



PHASE DESIGNATION DIAGRAM



EMERGENCY VEHICLE PREEMPTION SEQUENCE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDD IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.