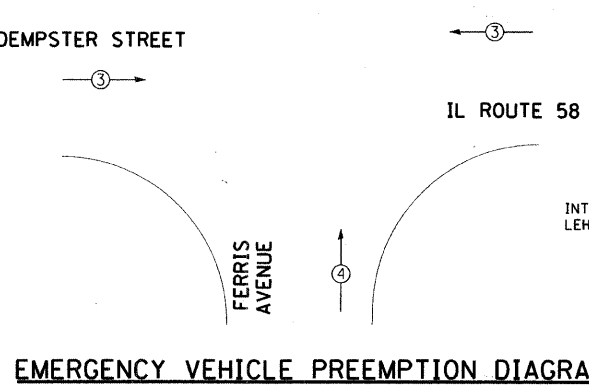
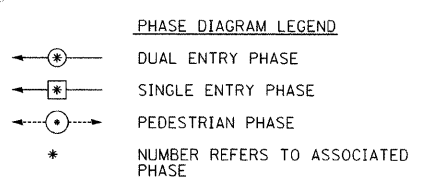


| PROPOSED EMERGENCY VEHICLE PREEMPTORS | | |
|---------------------------------------|---|---|
| EMERGENCY VEHICLE PREEMPTORS | 3 | 4 |
| MOVEMENT | ← | ↑ |

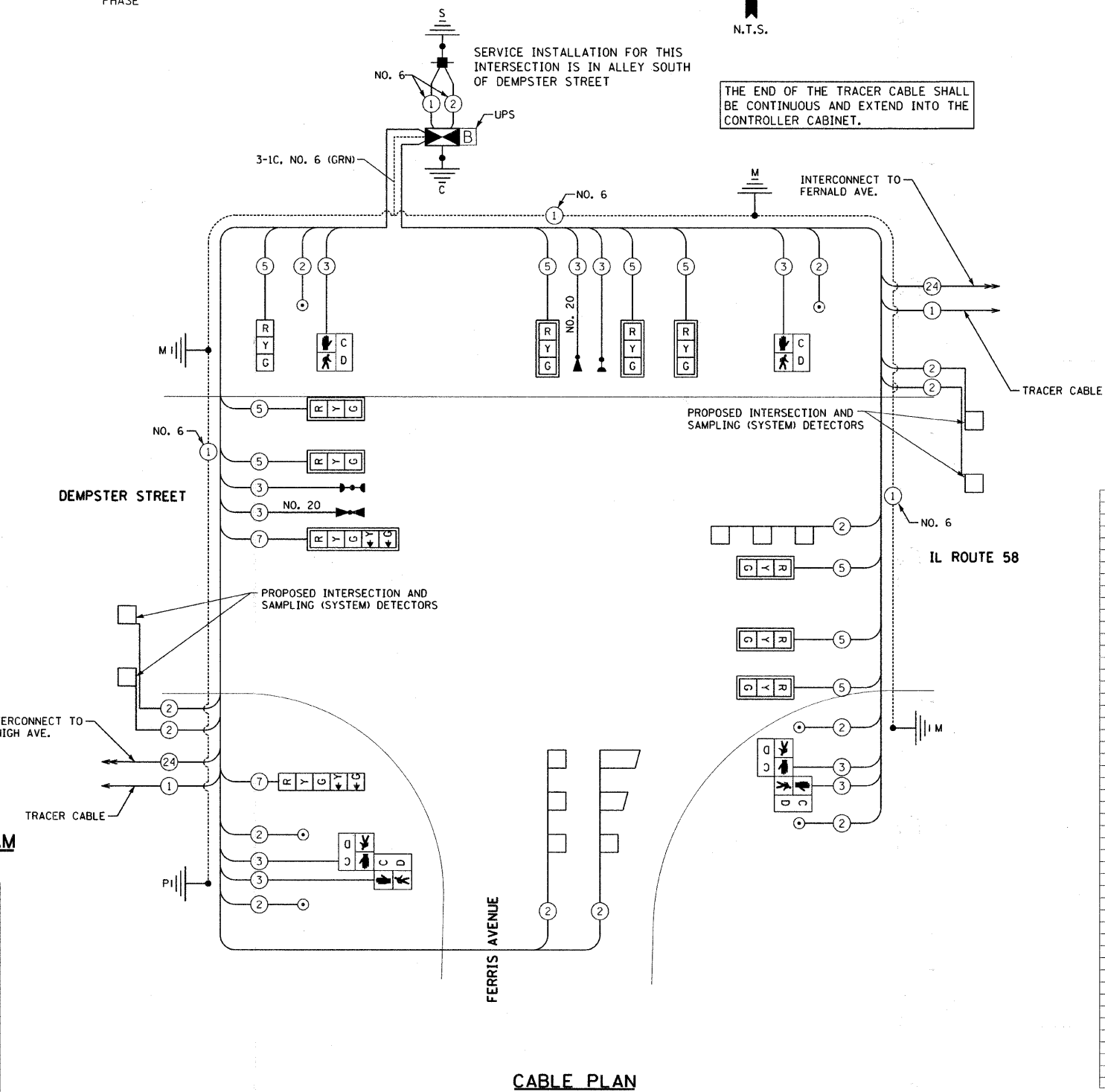


| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|--|--------------|---------|-----|-------------|---------------|
| TYPE | NO. OF LAMPS | WATTAGE | | % OPERATION | |
| SIGNAL (RED) | 11 | 135 | 17 | 0.50 | 93.5 |
| (YELLOW) | 11 | 135 | 25 | 0.25 | 68.75 |
| (GREEN) | 11 | 135 | 15 | 0.25 | 41.25 |
| ARROW | 4 | 135 | 12 | 0.10 | 4.8 |
| PED. SIGNAL | 12 | 90 | 25 | 1.00 | 300.0 |
| CONTROLLER | 1 | 100 | 100 | 1.00 | 100.0 |
| ILLUM. SIGN | 0 | 84 | 35 | 0.05 | 0.0 |
| FLASHER | 0 | | 25 | 0.50 | 0.0 |
| ENERGY COST TO: | | | | TOTAL = | 608.30 |

ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY: CONTACT: CINDY ANTHONY-BIAGGI
 PHONE: (847) 816-5322
 COMPANY: COMMONWEALTH EDISON



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



SCHEDULE OF QUANTITIES

| DESCRIPTION | QUANTITY | UNIT | AMOUNT |
|---|----------|-------|--------|
| SIGN PANEL - TYPE 1 | 13.5 | SO FT | 13.5 |
| SIGN PANEL - TYPE 2 | 15 | SO FT | 15 |
| CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL | 614 | FOOT | 614 |
| CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL | 41 | FOOT | 41 |
| CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL | 62 | FOOT | 62 |
| CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL | 125 | FOOT | 125 |
| CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL | 214 | FOOT | 214 |
| HANDHOLE | 4 | EACH | 4 |
| HEAVY-DUTY HANDHOLE | 2 | EACH | 2 |
| DOUBLE HANDHOLE | 1 | EACH | 1 |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK | 117 | FOOT | 117 |
| FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL | 1 | EACH | 1 |
| TRANSCIVER - FIBER OPTIC | 1 | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | 430 | FOOT | 430 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | 1,068 | FOOT | 1,068 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | 1,550 | FOOT | 1,550 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | 240 | FOOT | 240 |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | 2,703 | FOOT | 2,703 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | 250 | FOOT | 250 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | 1 | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 30 FT. | 1 | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 40 FT. | 2 | EACH | 2 |
| CONCRETE FOUNDATION, TYPE A | 12 | FOOT | 12 |
| CONCRETE FOUNDATION, TYPE C | 4 | FOOT | 4 |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | 45 | FOOT | 45 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | 8 | EACH | 8 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | 1 | EACH | 1 |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | 1 | EACH | 1 |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED | 1 | EACH | 1 |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | 2 | EACH | 2 |
| PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | 2 | EACH | 2 |
| TRAFFIC SIGNAL BACKPLATE | 9 | EACH | 9 |
| INDUCTIVE LOOP DETECTOR | 7 | EACH | 7 |
| DETECTOR LOOP, TYPE 1 | 846 | FOOT | 846 |
| LIGHT DETECTOR | 2 | EACH | 2 |
| LIGHT DETECTOR AMPLIFIER | 1 | EACH | 1 |
| PEDESTRIAN PUSH-BUTTON | 6 | EACH | 6 |
| TEMPORARY TRAFFIC SIGNAL INSTALLATION | 1 | EACH | 1 |
| REMOVE ELECTRIC CABLE FROM CONDUIT | 250 | FOOT | 250 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | 1 | EACH | 1 |
| REMOVE EXISTING HANDHOLE | 6 | EACH | 6 |
| REMOVE EXISTING CONCRETE FOUNDATION | 6 | EACH | 6 |
| ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1C (GREEN) | 410 | FOOT | 410 |
| SERVICE INSTALLATION - POLE MOUNTED | 1 | EACH | 1 |
| UNINTERRUPTIBLE POWER SUPPLY | 1 | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED | 278 | FOOT | 278 |
| TEMPORARY TRAFFIC SIGNAL TIMINGS | 1 | EACH | 1 |

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION IL RTE 58 (DEMPSTER ST) IMPROVEMENTS FERRIS AVENUE PROPOSED CABLE PLAN |
|-----------|------|---|
| NAME | DATE | |
| | | |
| | | |
| | | |
| | | |
| | | |

SCALE: N.T.S.
 DATE: 10-16-09
 DRAWN BY: DMB
 DESIGNED BY: DMB
 CHECKED BY: NKU

McDonough Associates Inc.
 Engineers / Architects