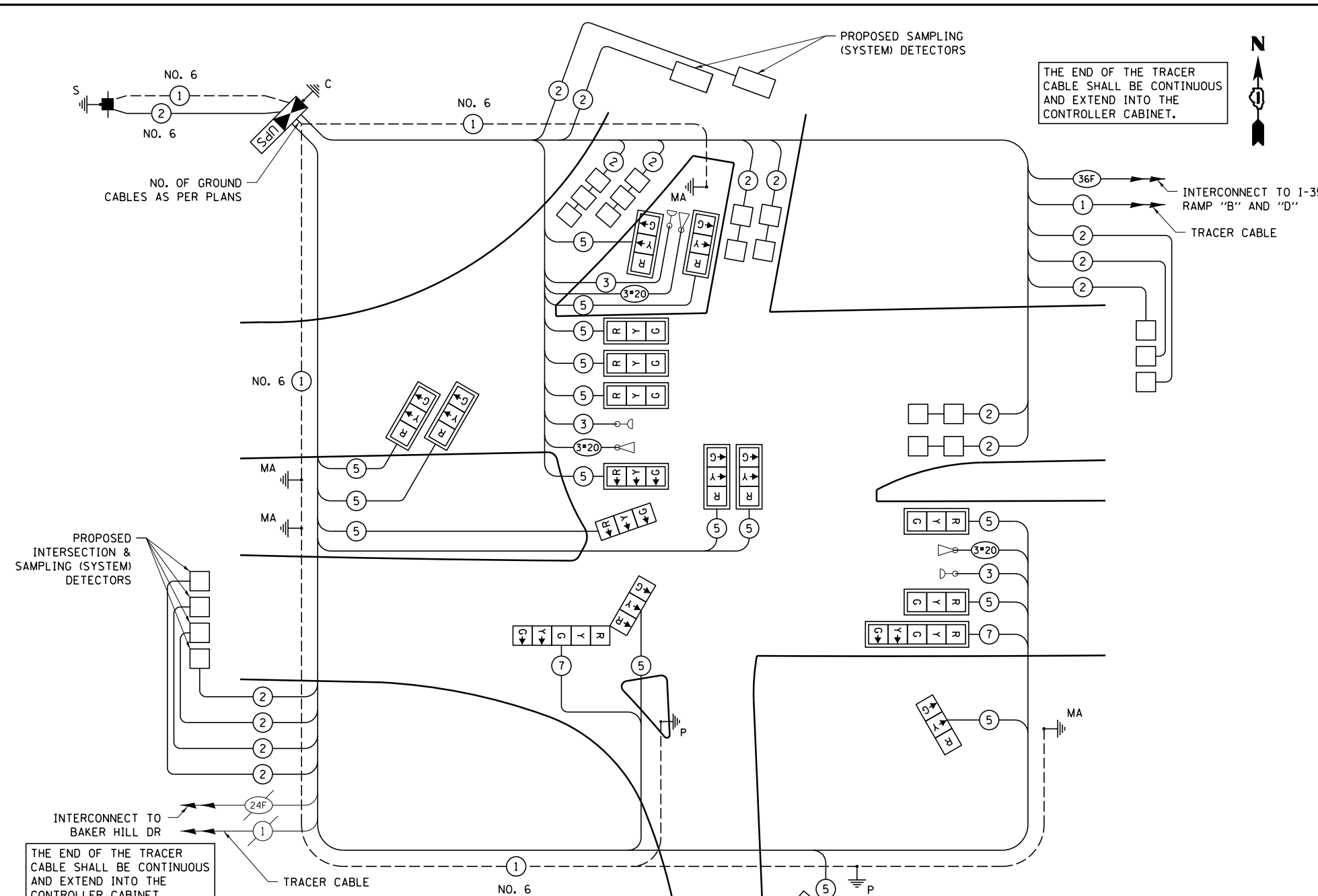


SCHEDULE OF QUANTITIES

| ITEM DESCRIPTION | UNITS | TOTAL QTY. |
|---|-------|------------|
| SIGN PANEL - TYPE 1 | SO FT | 31.25 |
| SERVICE INSTALLATION - POLE MOUNTED | EACH | 1 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 787 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA. | FOOT | 320 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA. | FOOT | 148 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 646 |
| HANDHOLE | EACH | 4 |
| HEAVY-DUTY HANDHOLE | EACH | 3 |
| DOUBLE HANDHOLE | EACH | 4 |
| TRANSCEIVER - FIBER OPTIC | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 759 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 4,031 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 742 |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 4,558 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | FOOT | 70 |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 777 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT. | EACH | 1 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 24 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 30 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 36 FT. | EACH | 1 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 8 |
| CONCRETE FOUNDATION, TYPE C | FOOT | 4 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 23.5 |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 11 |
| CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER | FOOT | 15 |
| DRILL EXISTING HANDHOLE | EACH | 3 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 12 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 3 |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED | EACH | 1 |
| SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED | EACH | 1 |
| INDUCTIVE LOOP DETECTOR | EACH | 15 |
| DETECTOR LOOP, TYPE I | FOOT | 846 |
| TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT | EACH | 3 |
| RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT | EACH | 1 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| REBUILD EXISTING HANDHOLE | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 11 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 9 |
| EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C | FOOT | 759 |
| FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL | EACH | 1 |
| UNINTERRUPTABLE POWER SUPPLY, SPECIAL | EACH | 1 |
| TRAFFIC SIGNAL BACKPLATE, SPECIAL | EACH | 13 |
| TEMPORARY INFORMATION SIGNING | SO FT | 51.4 |
| TEMPORARY TRAFFIC SIGNAL TIMING | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 48 FT. AND 22 FT. | EACH | 1 |

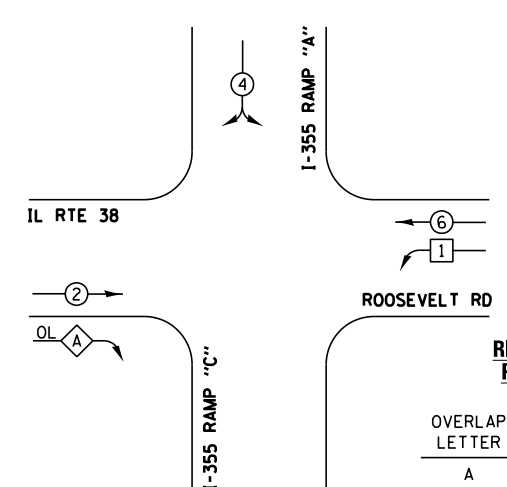
* 100% COST TO THE VILLAGE OF GLEN ELLYN



CABLE PLAN

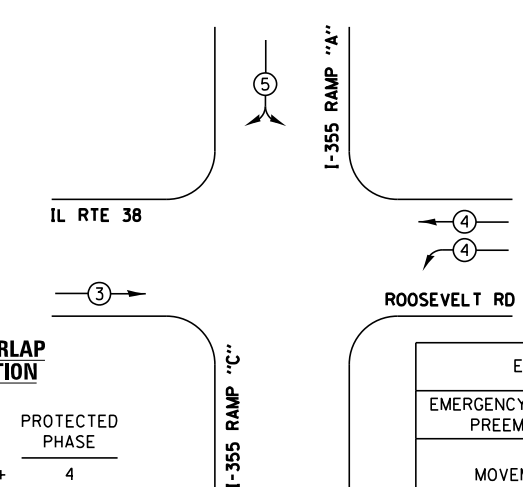
NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



| EMERGENCY VEHICLE PREEMPTORS | | | |
|------------------------------|---|---|---|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 | 5 |
| MOVEMENT | → | ↘ | ↙ |

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|--|--------------|-----------------|-----|-------------|----------------|
| TYPE | NO. OF LAMPS | WATTAGE INCAND. | LED | % OPERATION | |
| SIGNAL (RED) | 18 | | 17 | 0.50 | 153.00 |
| (YELLOW) | 18 | | 25 | 0.25 | 112.50 |
| (GREEN) | 18 | | 15 | 0.25 | 67.50 |
| ARROW | 4 | | 12 | 0.10 | 4.80 |
| PED. SIGNAL | - | | 25 | 1.00 | - |
| CONTROLLER | 1 | | 100 | 1.00 | 100.00 |
| ILLUM. SIGN | - | | 25 | 0.05 | - |
| VIDEO SYSTEM | - | | 150 | 1.00 | - |
| FLASHER | | | | 0.50 | |
| ENERGY COSTS TO: | | | | | TOTAL = 437.80 |

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAY/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY: CONTACT: JOE STACHO
 PHONE: (630) 424-5704
 COMPANY: COMED

| | | | |
|---|-----------------------------|--------------------|-----------|
| FILE NAME = | USER NAME = pociechal | DESIGNED - LP / PB | REVISED - |
| es:\pwork\p\dot\pociechal\0306285\DI4112-sht-TS.dgn | | DRAWN - LP / PB | REVISED - |
| Default | PLOT SCALE = 40.0000' / in. | CHECKED - SM | REVISED - |
| | PLOT DATE = 8/13/2012 | DATE - 07/26/12 | REVISED - |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
 IL RTE 38 (ROOSEVELT RD) AT I-355 SB RAMPS "A" AND "C"
 SCALE: NTS SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|--------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 347 | CY-TS-1 (12) | DUPAGE | 32 | 19 |
| CONTRACT NO. 60779 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |