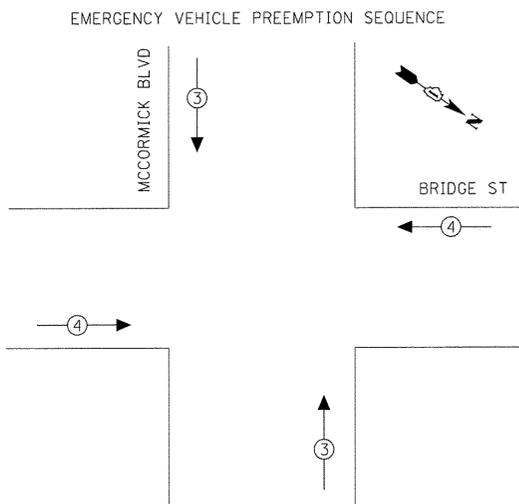


PHASE DESIGNATION DIAGRAM



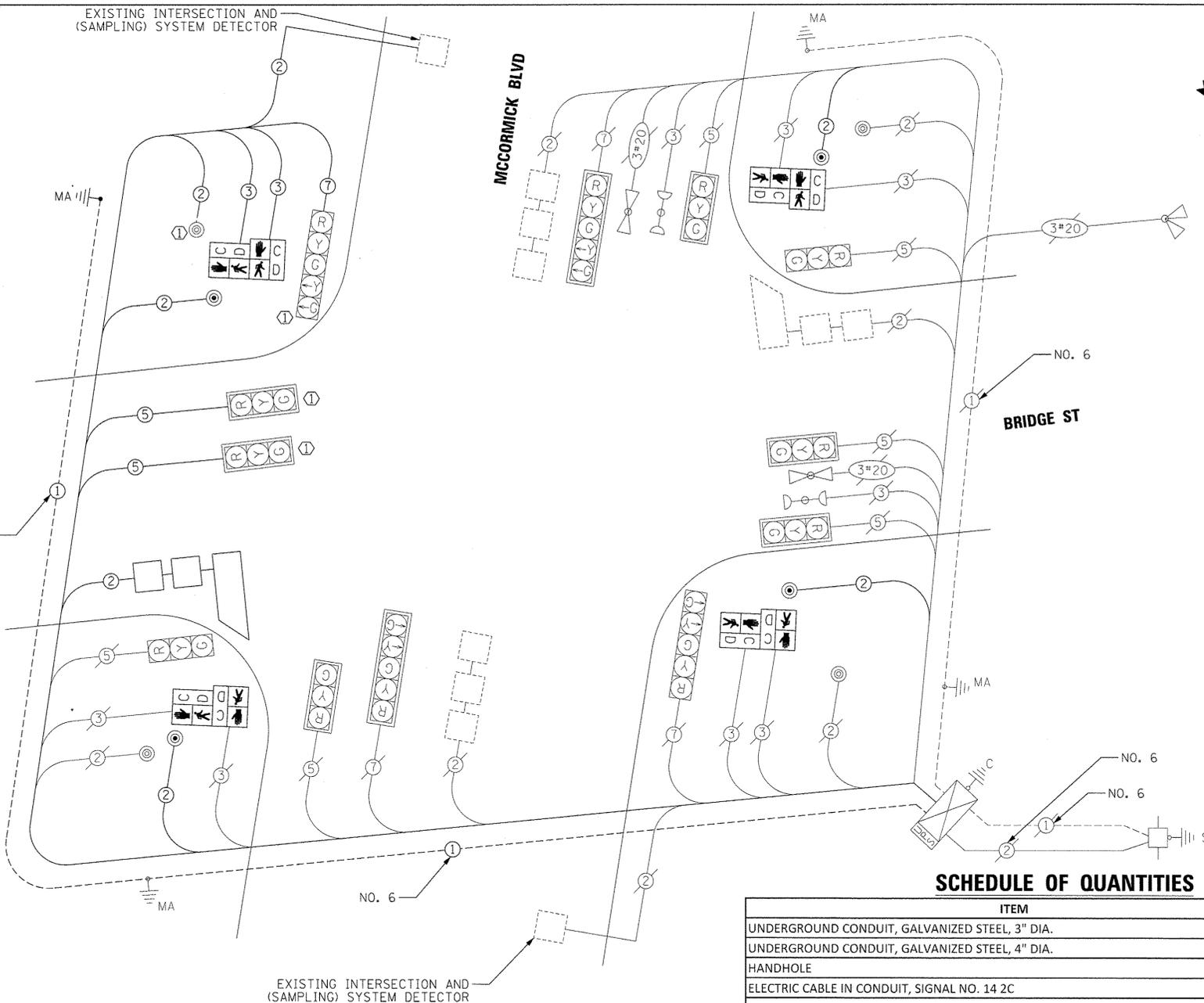
CONSTRUCTION NOTES

① RELOCATED TRAFFIC SIGNAL ITEM.

LEGEND

- ← ⊙ → DUAL ENTRY PHASE
- ← ⊙ → PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

| PROPOSED EMERGENCY VEHICLE PREEMPTORS | | |
|---------------------------------------|-----|-----|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 |
| MOVEMENT | ↑ ↓ | ← → |



CABLE PLAN

SCALE: NONE

SCHEDULE OF QUANTITIES

| ITEM | UNIT | QTY |
|---|------|------|
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA. | FOOT | 4 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 69 |
| HANDHOLE | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT | 671 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 390 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 449 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 195 |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 933 |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 169 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 13.5 |
| DRILL EXISTING HANDHOLE | EACH | 4 |
| PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 4 |
| INDUCTIVE LOOP DETECTOR | EACH | 1 |
| DETECTOR LOOP, TYPE I | FOOT | 118 |
| PEDESTRIAN PUSH-BUTTON | EACH | 4 |
| TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| RELOCATE EXISTING SIGNAL HEAD | EACH | 3 |
| RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON | EACH | 1 |
| RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE | EACH | 1 |
| REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 1640 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 1 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 1 |
| INTERCEPT EXISTING CONDUIT | EACH | 1 |
| HANDHOLE TO BE ADJUSTED | EACH | 1 |
| TEMPORARY TRAFFIC SIGNAL TIMING | EACH | 1 |

| I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|---|-----------|--------------------|-----|------------|------------------|
| TYPE | NO. LAMPS | WATTAGE INCAND. | LED | %OPERATION | |
| SIGNAL (RED) | 12 | | 17 | 0.50 | 102.00 |
| (YELLOW) | 12 | | 25 | 0.25 | 75.00 |
| (GREEN) | 12 | | 15 | 0.25 | 45.00 |
| ARROW | 8 | | 12 | 0.10 | 9.60 |
| PED. SIGNAL | 8 | | 25 | 1.00 | 200.00 |
| CONTROLLER | 1 | | 100 | 1.00 | 100.00 |
| ILLUM. SIGN | - | | 25 | 0.05 | - |
| FLASHER | - | | - | 0.50 | - |
| ENERGY COSTS TO: | | | | | TOTAL = 531.60 |

CITY OF EVANSTON
2100 RIDGE AVE
EVANSTON, IL 60201

ENERGY SUPPLY CONTACT: TBD
PHONE: TBD
COMPANY: COMED

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 SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

PLOT SCALE: 1" = 10' FILE NAME = ... USER NAME = eship PLOT DATE = 2/19/2013

| | |
|---------------|-----------|
| DESIGNED - BC | REVISIONS |
| DRAWN - BC | REVISIONS |
| CHECKED - | REVISIONS |
| DATE - | REVISIONS |



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
MCCORMICK BLVD & BRIDGE ST, EVANSTON, IL

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 08-00251-00-BR | COOK | 118 | 40 |
| CONTRACT NO. 63817 | | | ILLINOIS FED. AID PROJECT | |

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.