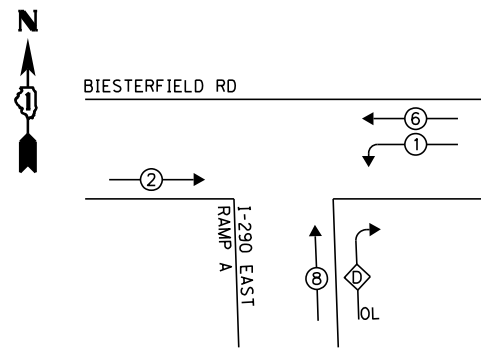
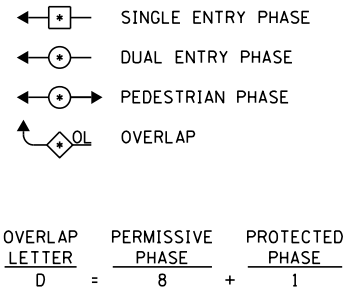


EXISTING CONTROLLER SEQUENCE



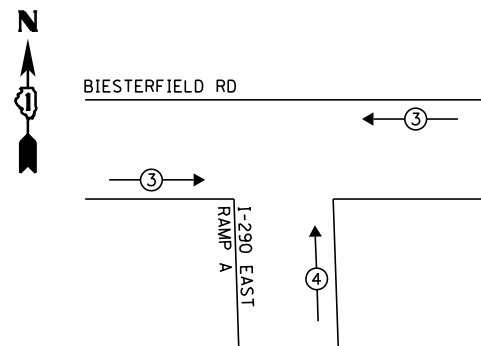
LEGEND:



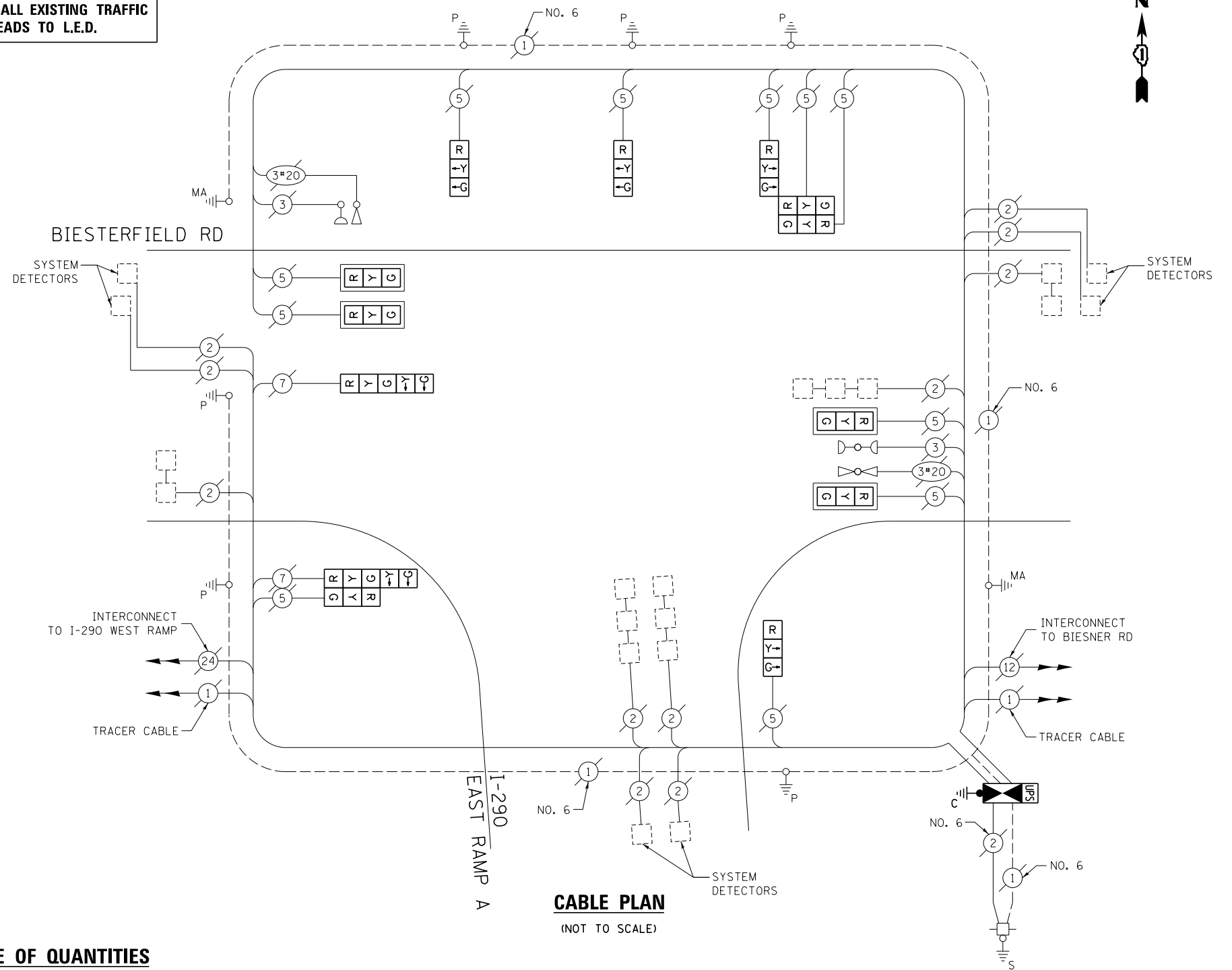
RETROFIT ALL EXISTING TRAFFIC SIGNAL HEADS TO L.E.D.

EXISTING PHASE DESIGNATION DIAGRAM

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



| EXISTING EMERGENCY VEHICLE PREEMPTORS | | |
|---------------------------------------|---|---|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 |
| MOVEMENT | — | |



CABLE PLAN
(NOT TO SCALE)

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

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1 EACH CONTROLLER AND CABINET (COMPLETE)

SCHEDULE OF QUANTITIES

| ITEM DESCRIPTION | UNIT | TOTAL QTY. |
|---|------|------------|
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| TRANSCEIVER - FIBER OPTIC | EACH | 1 |
| INDUCTIVE LOOP DETECTOR | EACH | 11 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL | EACH | 1 |
| UNINTERRUPTABLE POWER SUPPLY, SPECIAL | EACH | 1 |
| SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED, RETROFIT | EACH | 1 |
| SIGNAL HEAD, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT | EACH | 1 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT | EACH | 3 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT | EACH | 4 |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT | EACH | 1 |

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|--|--------------|---------|-----|-------------|---------------|
| TYPE | NO. OF LAMPS | WATTAGE | | % OPERATION | |
| SIGNAL (RED) | 13 | INCAND. | LED | 0.50 | 110.5 |
| (YELLOW) | 13 | | | 0.25 | 81.25 |
| (GREEN) | 13 | | | 0.25 | 48.75 |
| ARROW | 4 | | | 0.10 | 4.8 |
| PED. SIGNAL | - | | | 1.00 | - |
| CONTROLLER | 1 | | | 1.00 | 100.0 |
| ILLUM. SIGN | - | | | 0.05 | - |
| VIDEO SYSTEM | - | | | 1.00 | - |
| FLASHER | | | | 0.50 | |
| ENERGY COSTS TO: | | TOTAL = | | | 345.3 |

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: DAVE SCHACHT
PHONE: (630) 437-2129
COMPANY: COMMONWEALTH EDISON

| | | | |
|---|-----------------------------|-------------------|-----------|
| FILE NAME = | USER NAME = poc1echal | DESIGNED - IP | REVISED - |
| es:\pwwork\p1dot\poc1echal\08381174\012314-sh-t-tsl.dgn | | DRAWN - IP | REVISED - |
| Default | PLOT SCALE = 40.0000' / in. | CHECKED - AW / LP | REVISED - |
| | PLOT DATE = 5/16/2014 | DATE - 5/15/2014 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES
BIESTERFIELD RD AT I-290 EISENHOWER EXPY EAST RAMP A

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| -- | 2014-008T5 | COOK | 81 | 30 |
| CONTRACT NO. 60X83 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

TS 20610