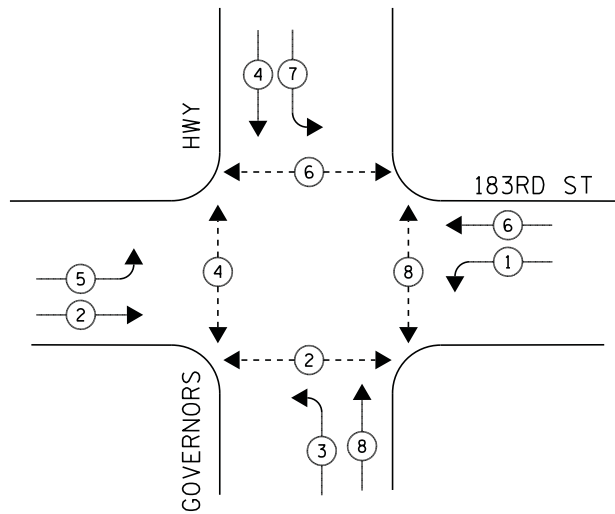
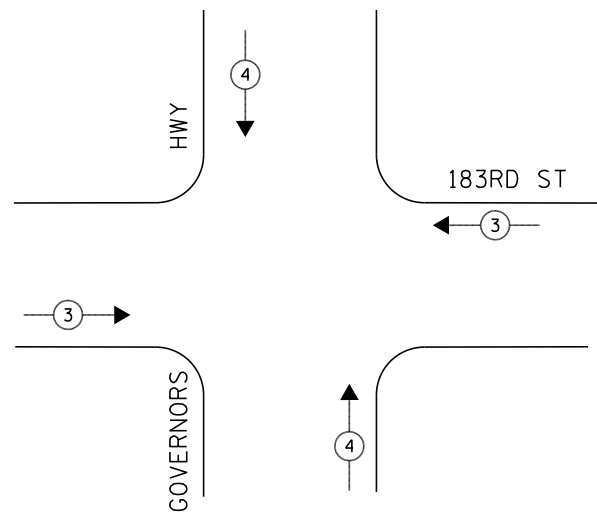


CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND

- ◀ * → DUAL ENTRY PHASE
- ◀ * → SINGLE ENTRY PHASE
- ◊ O.L. OVERLAP
- ◀ * → PEDESTRIAN PHASE
NUMBER REFERS TO ASSOCIATED PHASE

① REPLACE 16FT, PAINTED POST, RE-USE EXISTING FOUNDATION

NOTE:

PUSH BUTTON "A" PLACES A CALL IN PHASE 2 AND 4
 PUSH BUTTON "B" PLACES A CALL IN PHASE 4 AND 6
 PUSH BUTTON "C" PLACES A CALL IN PHASE 6
 PUSH BUTTON "D" PLACES A CALL IN PHASE 8
 PUSH BUTTON "E" PLACES A CALL IN PHASE 2 AND 8

| EMERGENCY VEHICLE PREEMPTORS | | |
|------------------------------|---|---|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 |
| MOVEMENT | ↔ | ↕ |

SCHEDULE OF QUANTITIES

| QUANTITY | UNIT | ITEM |
|----------|------|---|
| 1 | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 4 | EACH | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. |
| 4 | EACH | RELOCATE EXISTING SIGNAL HEAD |
| 5 | EACH | RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD |
| 1 | EACH | MODIFY EXISTING CONTROLLER CABINET |
| 1 | EACH | UNINTERRUPTIBLE POWER SUPPLY, SPECIAL |
| 5 | EACH | PEDESTRIAN PUSH-BUTTON, NON-LATCHING |
| 2 | EACH | REMOVE AND REPLACE ANCHOR BOLTS |

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

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.

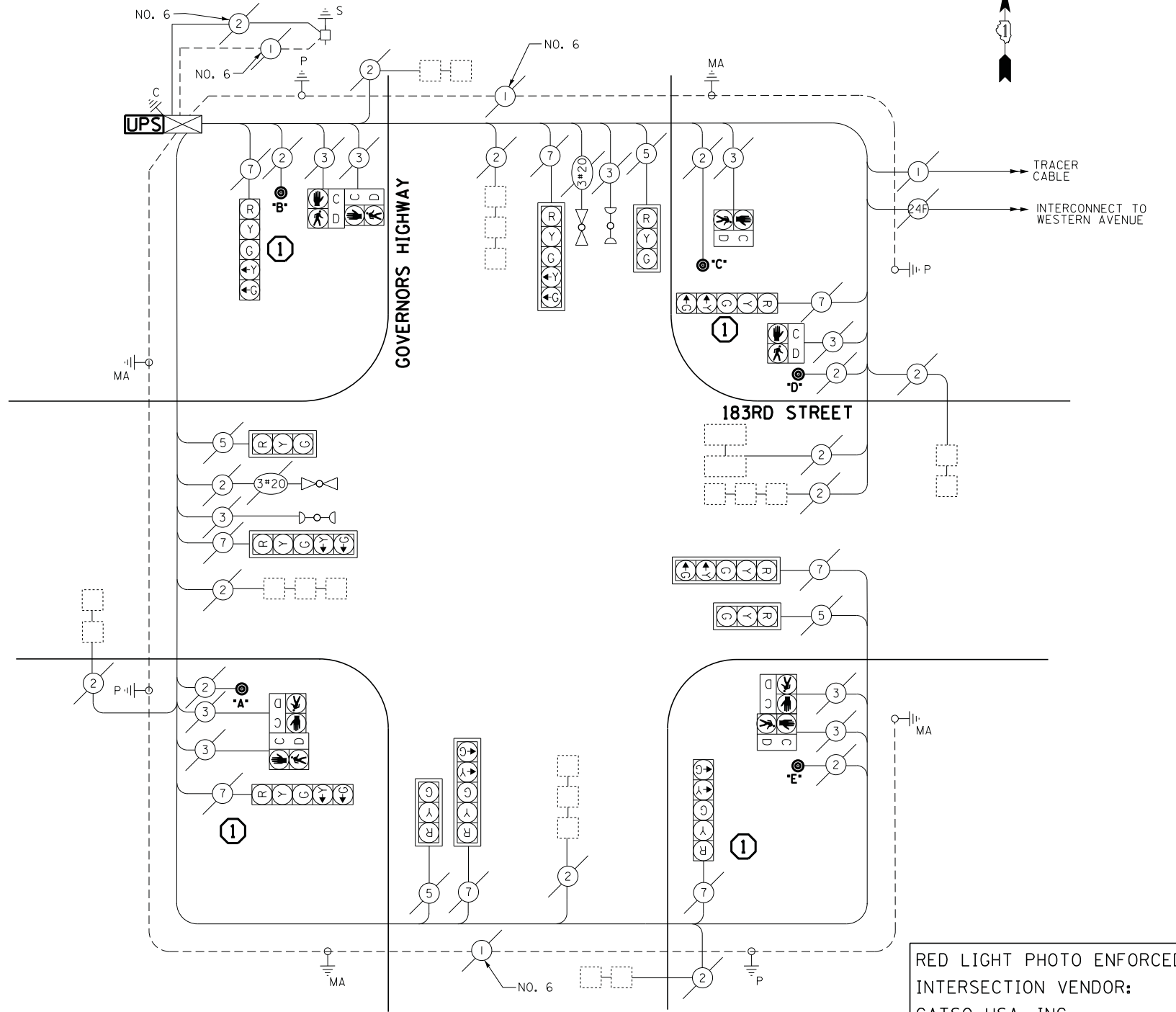
| | | |
|---|------|------------------------|
| 4 | EACH | TRAFFIC SIGNAL POST |
| 5 | EACH | PEDESTRIAN PUSH-BUTTON |

RED LIGHT PHOTO ENFORCED INTERSECTION VENDOR: GATSO USA, INC.

EAGLE EPAC 300 CONTROLLER ON-SITE

TRAFFIC SIGNAL EQUIPMENT SHALL BE EAGLE TO MATCH THE ADJACENT EXISTING SYSTEM

TS# 4100
HOMWOOD



CABLE PLAN

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|--|----------|---------|-----|------------|---------------|
| TYPE | NO LAMPS | WATTAGE | | %OPERATION | |
| | | INCAND. | LED | | |
| SIGNAL (RED) | 12 | | 17 | 0.5 | 102 |
| (YELLOW) | 12 | | 25 | 0.25 | 75 |
| (GREEN) | 12 | | 15 | 0.25 | 45 |
| ARROW | 16 | | 12 | 0.10 | 38.4 |
| PED. SIGNAL | 8 | | 25 | 1.00 | 200 |
| CONTROLLER | 1 | | 100 | 1.00 | 100 |
| ILLUM. SIGN | | | 25 | 0.05 | - |
| VIDEO SYSTEM | | | - | 1.00 | - |
| FLASHER | | | | - | - |
| ENERGY COSTS TO: | | | | | TOTAL = 560.4 |
| ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: ILYAS MOHIUDDIN PHONE: (708) 235-2692 COMPANY: COMMONWEALTH EDISON | | | | | |

| | | | |
|--|-----------------------------|------------------|-----------|
| FILE NAME = | USER NAME = .USER_ | DESIGNED - V.O. | REVISED - |
| J:\13155\60Y42\DCN\CADD Sheets\0160Y42 | ht-ts-09_4100.dgn | DRAWN - E.C. | REVISED - |
| | PLOT SCALE = 20.0000' / in. | CHECKED - I.Y. | REVISED - |
| | PLOT DATE = 7/9/2014 | DATE - 7/11/2014 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
183RD STREET AT GOVERNORS HIGHWAY

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|-----------|
| | 2014-044TS | COOK | 65 | 24 |
| CONTRACT NO. 60Y42 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |