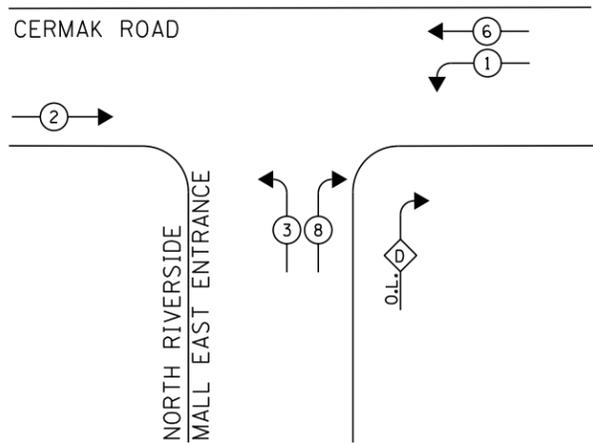
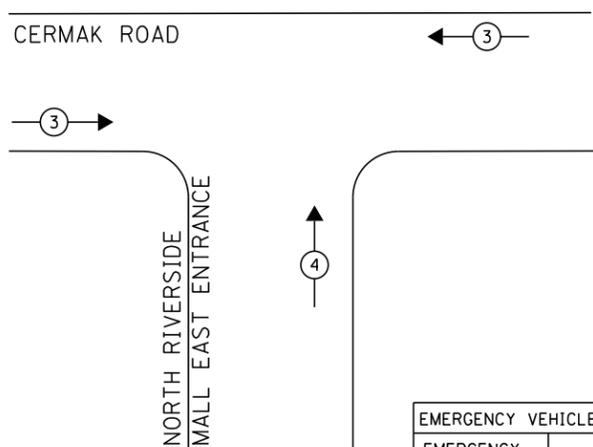


CONTROLLER SEQUENCE

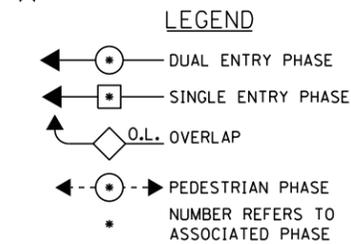


PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



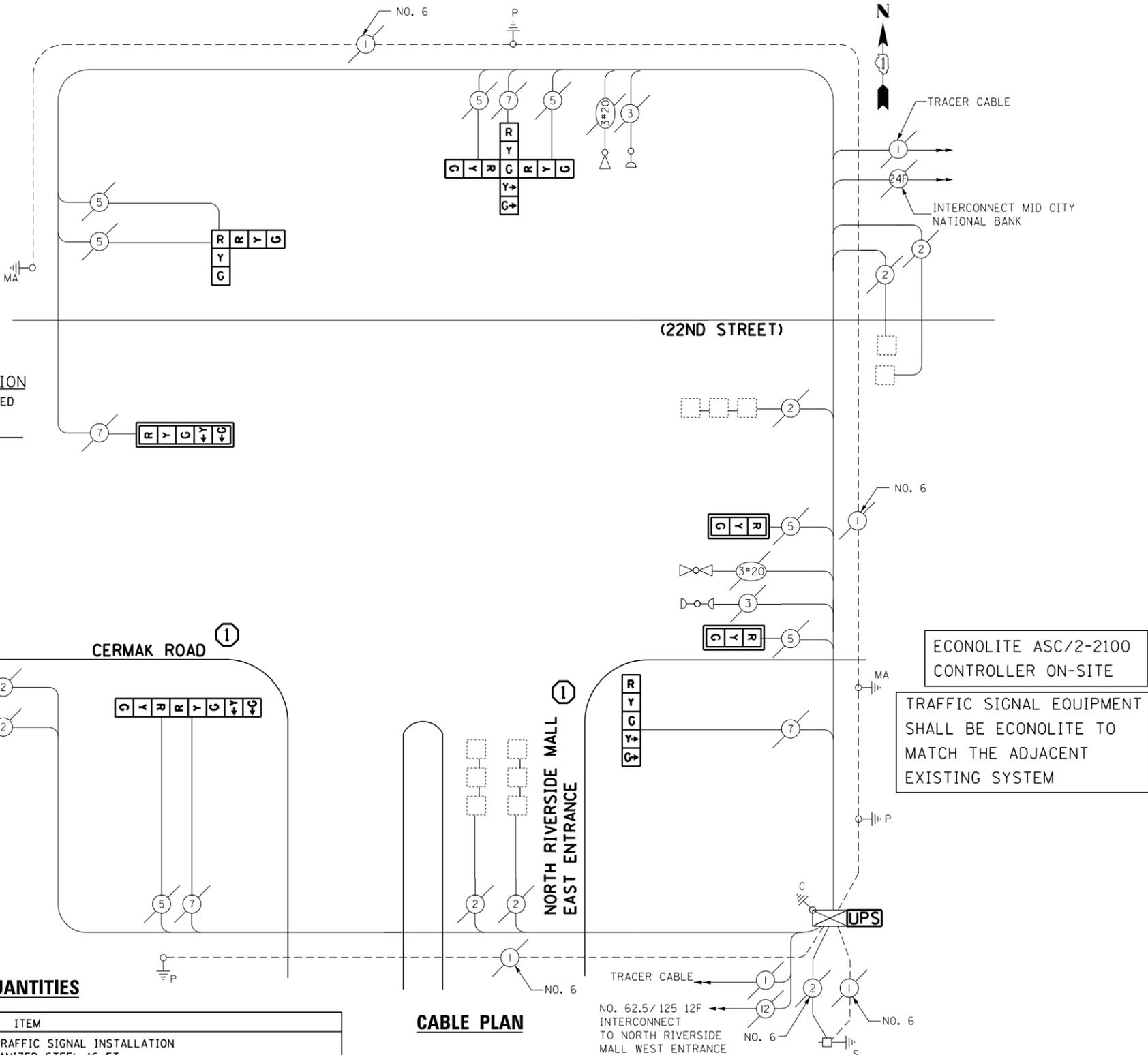
| EMERGENCY VEHICLE PREEMPTOR | | |
|-----------------------------|---|---|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 |
| MOVEMENT | ↔ | ↑ |



RIGHT TURN OVERLAP PHASE DESIGNATION

| OVERLAP LETTER | PERMISSIVE PHASE | PROTECTED PHASE |
|----------------|------------------|-----------------|
| D | = | 8 + 1 |

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



ECONOLITE ASC/2-2100 CONTROLLER ON-SITE
TRAFFIC SIGNAL EQUIPMENT SHALL BE ECONOLITE TO MATCH THE ADJACENT EXISTING SYSTEM

SCHEDULE OF QUANTITIES

| QUANTITY | UNIT | ITEM |
|----------|------|---|
| 1 | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 2 | EACH | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. |
| 2 | EACH | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED |
| 1 | EACH | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED |
| 1 | EACH | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED |
| 1 | EACH | SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED |
| 1 | EACH | SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED |
| 1 | EACH | SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION BRACKET MOUNTED |
| 3 | EACH | TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM |
| 1 | EACH | MODIFY EXISTING CONTROLLER CABINET |
| 1 | EACH | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT |
| 1 | EACH | REMOVE AND REPLACE ANCHOR BOLTS |
| 1 | EACH | UNINTERRUPTABLE POWER SUPPLY, SPECIAL |

CABLE PLAN

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.

| | | |
|---|------|--------------------------------|
| 2 | EACH | TRAFFIC SIGNAL POST |
| 7 | EACH | TRAFFIC SIGNAL HEAD, 3-SECTION |
| 4 | EACH | TRAFFIC SIGNAL HEAD, 5-SECTION |
| 3 | EACH | TRAFFIC SIGNAL BACKPLATE |

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|---|----------|---------|-----|------------|----------------|
| TYPE | NO LAMPS | WATTAGE | | %OPERATION | |
| | | INCAND. | LED | | |
| SIGNAL (RED) | 11 | | 17 | 0.5 | 93.5 |
| (YELLOW) | 11 | | 25 | 0.25 | 68.75 |
| (GREEN) | 11 | | 15 | 0.25 | 41.25 |
| ARROW | 8 | | 12 | 0.10 | 9.6 |
| PED. SIGNAL | - | | 25 | 1.00 | - |
| CONTROLLER | 1 | | 100 | 1.00 | 100 |
| ILLUM. SIGN | | | 25 | 0.05 | - |
| VIDEO SYSTEM | | | - | 1.00 | - |
| FLASHER | | | - | - | - |
| ENERGY COSTS TO: | | | | | TOTAL = 313.10 |
| ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: JOE STACHO PHONE: (630) 424-5704 COMPANY: COMMONWEALTH EDISON | | | | | |

| | | | | | |
|---|--------------------|------------|-----------|-----------|--|
| FILE NAME = | USER NAME = .USER. | DESIGNED - | M.A./V.O. | REVISED - | |
| J:\13155\Work Order 2\DCN\CADD Sheets\060Y18-sht-ts-38_4825.dgn | | DRAWN - | Y.J./E.C. | REVISED - | |
| PLOT SCALE = 20.0000' / in. | | CHECKED - | I.Y. | REVISED - | |
| PLOT DATE = 5/14/2014 | | DATE - | 5/16/2014 | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE | | | |
|--|-------------------------|----------|-------------|
| CERMAK ROAD (22ND STREET) AND NORTH RIVERSIDE MALL EAST ENTRANCE | | | |
| 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. |
|---------------------------|------------|--------|--------------|-----------|
| | 2014-032T5 | COOK | 68 | 54 |
| CONTRACT NO. 60Y18 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

TS# 4825
NORTH RIVERSIDE