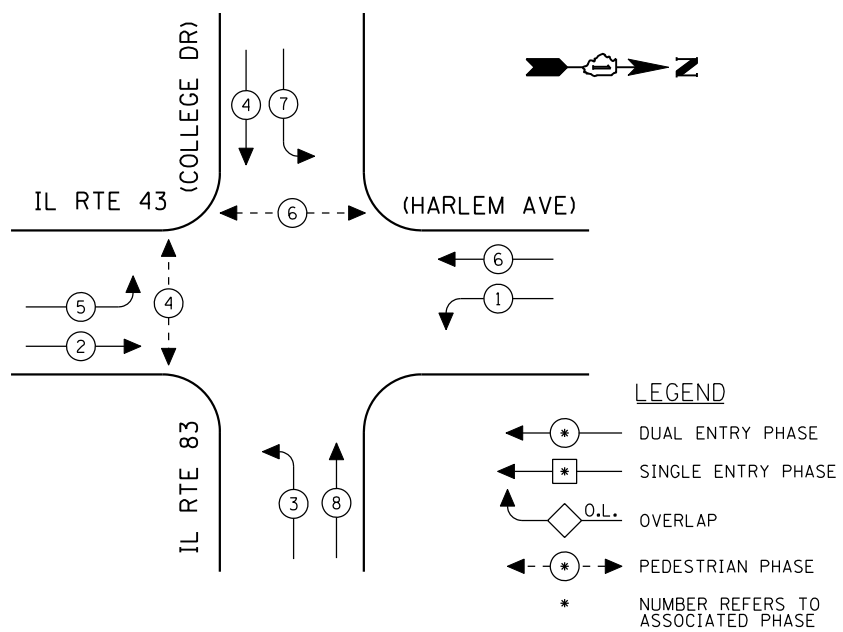
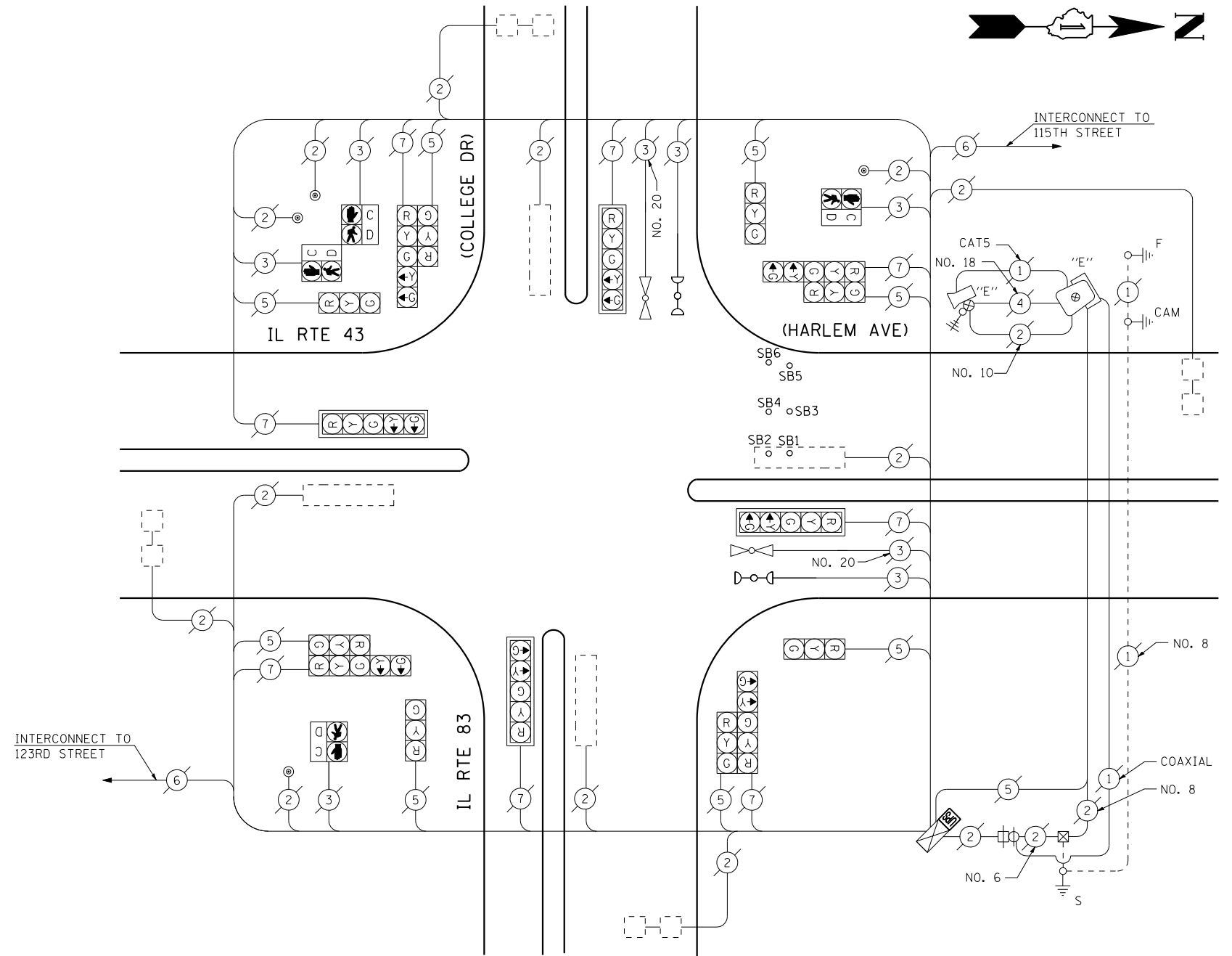
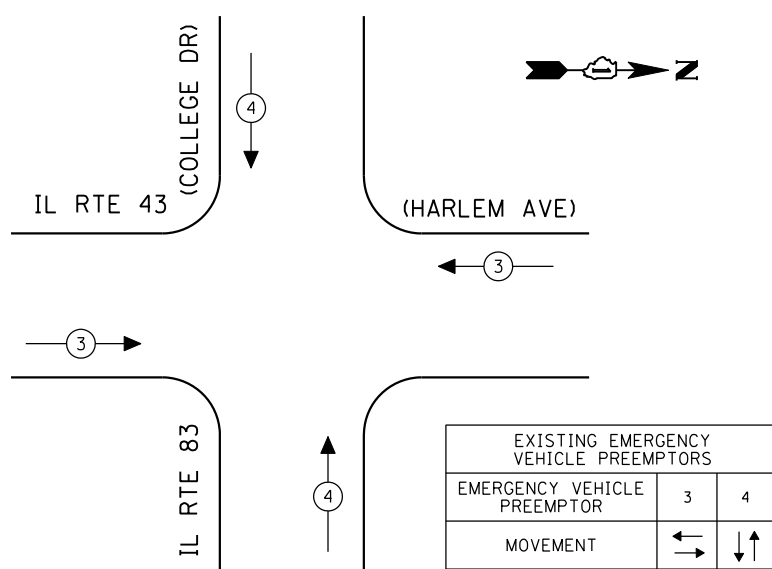


CONTROLLER SEQUENCE



EXISTING PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



SCHEDULE OF QUANTITIES

| QUANTITY | UNIT | ITEM |
|----------|------|---|
| 1 | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 1 | EACH | MODIFY EXISTING CONTROLLER CABINET |
| 1 | EACH | UNINTERRUPTIBLE POWER SUPPLY, SPECIAL |

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

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|--|----------|---------|-----|------------|----------------|
| TYPE | NO LAMPS | WATTAGE | | %OPERATION | |
| | | INCAND. | LED | | |
| SIGNAL (RED) | 16 | 135 | 17 | 0.50 | 136.00 |
| (YELLOW) | 16 | 135 | 25 | 0.25 | 100.00 |
| (GREEN) | 16 | 135 | 15 | 0.25 | 60.00 |
| ARROW | 16 | 135 | 12 | 0.10 | 19.20 |
| PED. SIGNAL | 4 | 90 | 25 | 1.00 | 100.00 |
| CONTROLLER | 1 | 100 | 100 | 1.00 | 100.00 |
| ILLUM. SIGN | | 84 | | 0.05 | |
| FLASHER | | 135 | 25 | 0.50 | |
| ENERGY COSTS TO: | | | | | TOTAL = 515.20 |
| ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: XXX XXXXX PHONE: (XXX) XXX-XXXX COMPANY: COMMONWEALTH EDISON | | | | | |

| | | | |
|-------------|-----------------------|--------------------|-----------|
| FILE NAME = | USER NAME = \$USER* | DESIGNED - PKG | REVISED - |
| \$FILEL\$ | | DRAWN - EA, EB, WC | REVISED - |
| | PLOT SCALE = \$SCALE* | CHECKED - PKG | REVISED - |
| | PLOT DATE = \$DATE* | DATE - 8/15/2013 | REVISED - |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

| SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION | | | |
|--|---------------------|--------------|--|
| IL RTE 43 (HARLEM AVENUE) AT IL RTE 83 (COLLEGE DRIVE) | | | |
| SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA. | |

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR. | 2013-040TS | COOK | 84 | 58 |
| CONTRACT NO. 60W85 | | | | |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT | | | | |

TS# 2105 PALOS HEIGHTS