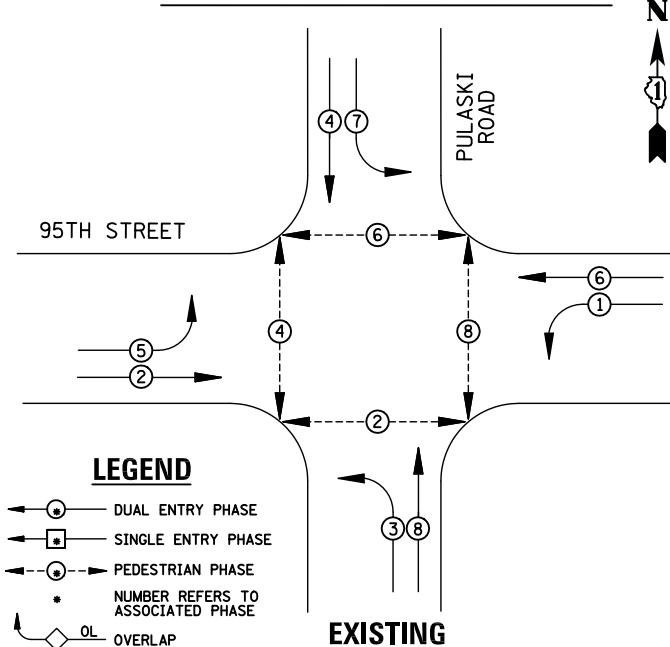
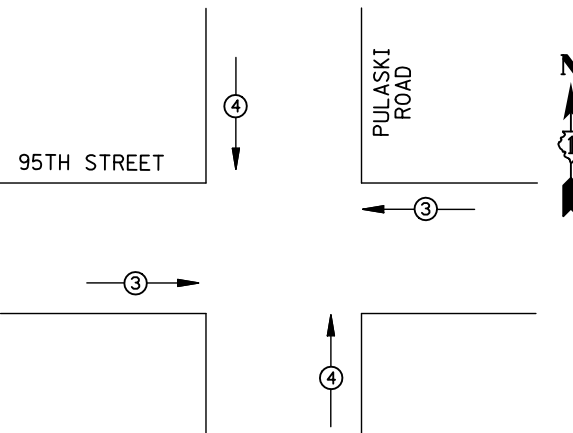


EXISTING CONTROLLER SEQUENCE



EXISTING PHASE DESIGNATION DIAGRAM



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

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | |
|--|-----------|---------|-----|------------|---------------|
| TYPE | NO. LAMPS | WATTAGE | | %OPERATION | TOTAL WATTAGE |
| | | INCAND. | LED | | |
| SIGNAL (RED) | 14 | 135 | 17 | 0.50 | 119 |
| (YELLOW) | 14 | 135 | 25 | 0.25 | 87.5 |
| (GREEN) | 14 | 135 | 15 | 0.25 | 52.5 |
| ARROW | 16 | 135 | 12 | 0.10 | 19.2 |
| PED. SIGNAL | 8 | 90 | 25 | 1.00 | 200 |
| CONTROLLER | 1 | 100 | 100 | 1.00 | 100 |
| ILLUM. SIGN | | 84 | | 0.05 | |
| ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096 | | | | | TOTAL = 578.2 |
| ENERGY SUPPLY CONTACT: | X | | | | |
| PHONE: | X | | | | |
| COMPANY: | X | | | | |

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

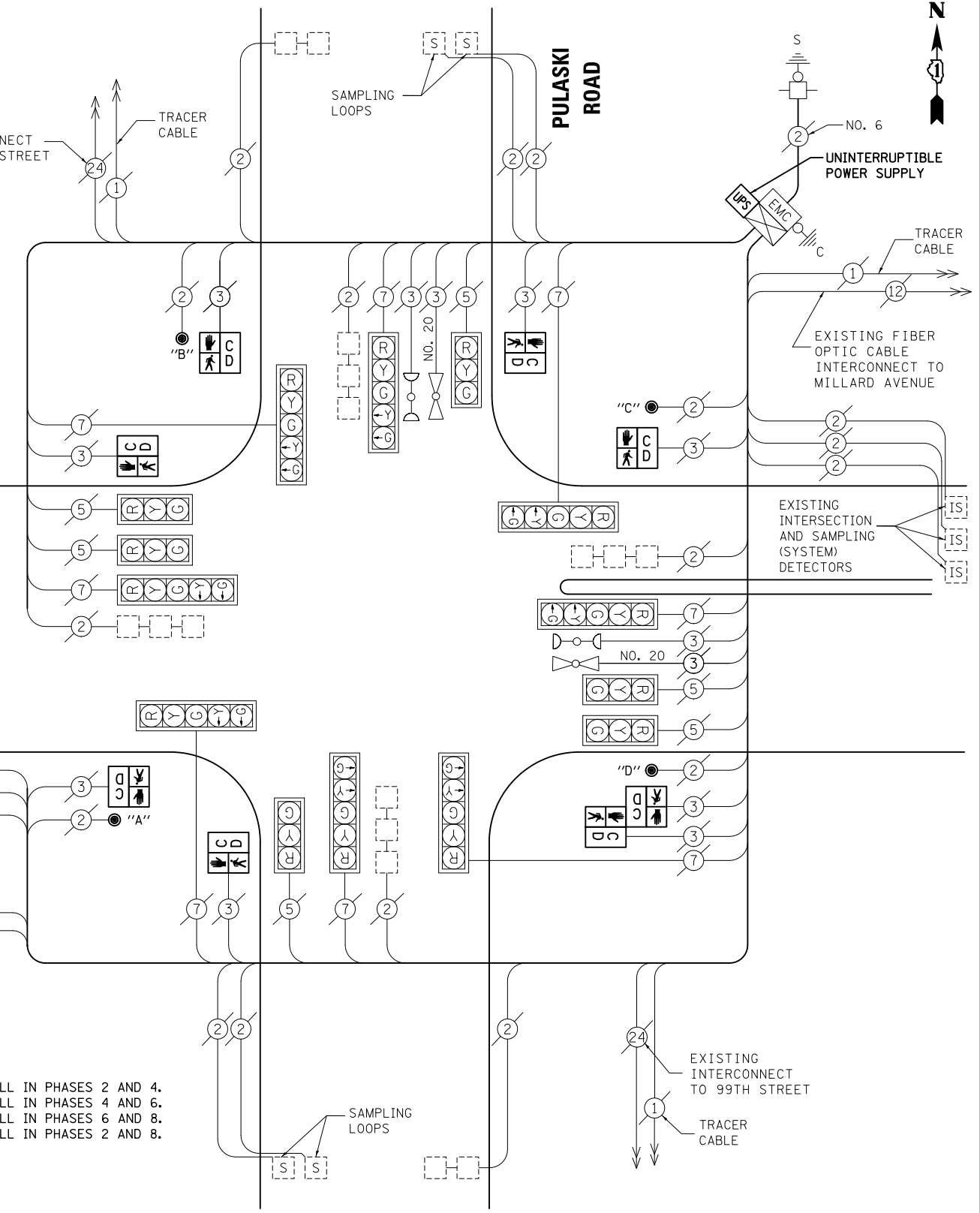
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 8 EACH PEDESTRIAN SIGNAL HEAD
- 4 EACH PEDESTRIAN PUSH-BUTTON

SCHEDULE OF QUANTITIES

| ITEM | UNIT | QUANTITY |
|---|------|----------|
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 6 |
| PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 1 |
| MODIFY EXISTING CONTROLLER CABINET | EACH | 1 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| UNINTERRUPTIBLE POWER SUPPLY, SPECIAL | EACH | 1 |
| PEDESTRIAN PUSH-BUTTON, NON-LATCHING | EACH | 4 |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



CABLE PLAN

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

FILE NAME = \MICROST\352107\ 78-480.DGN
 USER NAME = JGC
 PLOT SCALE = NOT TO SCALE
 PLOT DATE = X

| | |
|-----------------|-----------|
| DESIGNED - BPT | REVISED - |
| DRAWN - JGC/RDS | REVISED - |
| CHECKED - BPT | REVISED - |
| DATE - XX-XX-13 | REVISED - |

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION U.S. ROUTE 12-20 (95TH STREET) AT CRAWFORD AVENUE / PULASKI ROAD

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|------------|--------|--------------|-----------|
| VAR. | 2013-035TS | COOK | 93 | 79 |
| CONTRACT NO. 60W81 | | | | |

PREPARED BY:
CEMCON, Ltd.
 Consulting Engineers, Land Surveyors & Planners
 2280 White Oak Circle, Suite 100
 Aurora, Illinois 60504-9675
 Ph: 630.862.2100 Fax: 630.862.2199
 E-Mail: cadd@cemcon.com Website: www.cemcon.com

TS# 480 EVERGREEN PARK