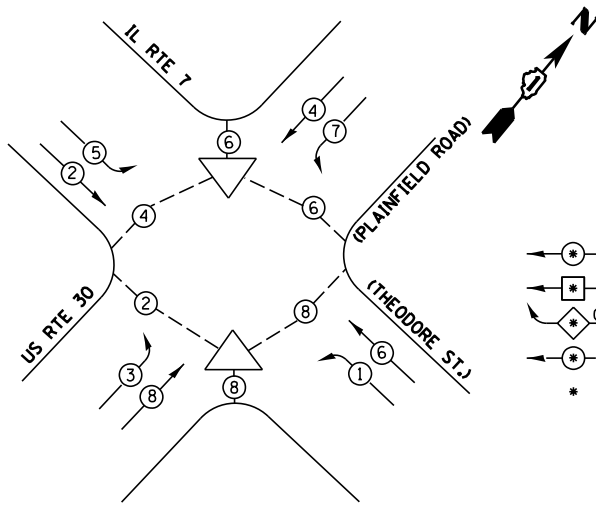
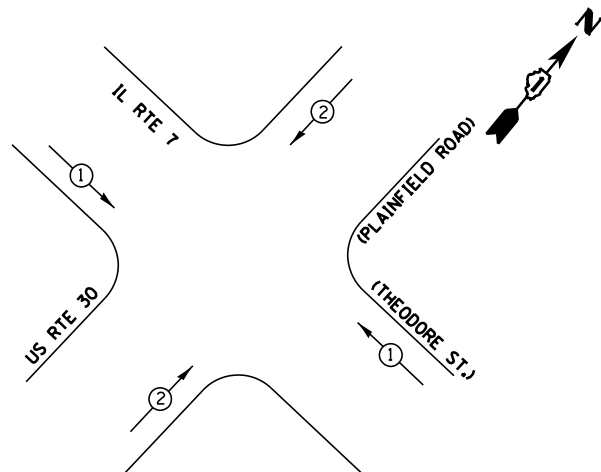


EXISTING CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

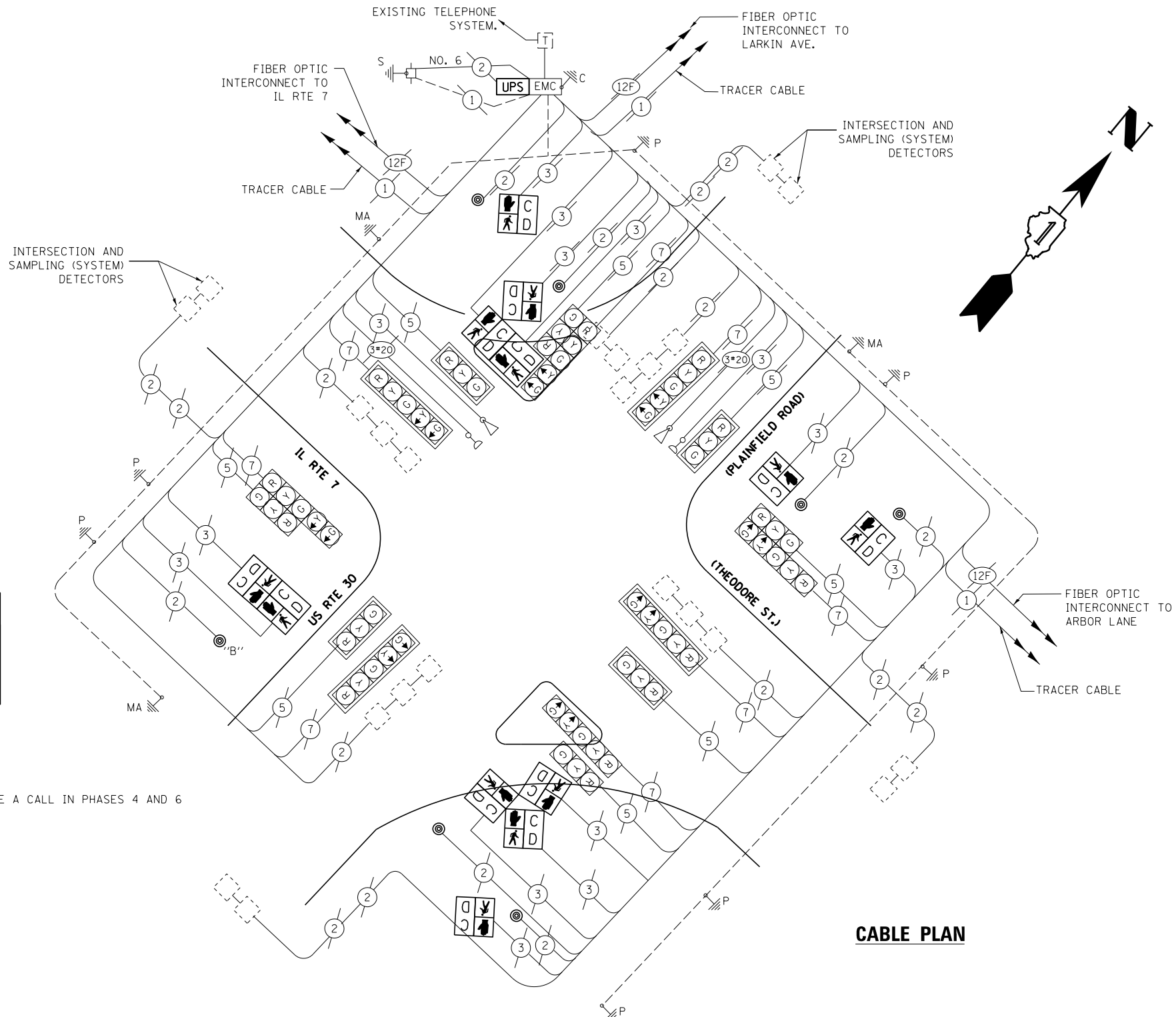


LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- ◇ OL OVERLAP
- ★ PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

| EXISTING EMERGENCY VEHICLE PREEMPTORS | | |
|---------------------------------------|-----|-----|
| EMERGENCY VEHICLE PREEMPTOR | 1 | 2 |
| MOVEMENT | ← → | ↑ ↓ |

NOTES:
PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6



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.

- 4 EACH PEDESTRIAN SIGNAL HEAD, 1 FACE
- 1 EACH PEDESTRIAN SIGNAL HEAD, 2 FACE
- 2 EACH PEDESTRIAN SIGNAL HEAD, 3 FACE
- 7 EACH PEDESTRIAN PUSH BUTTON

SCHEDULE OF QUANTITIES

| QTY | UNIT | ITEM |
|-----|------|---|
| 1 | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 1 | EACH | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT |
| 2 | EACH | PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER |
| 1 | EACH | PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER |
| 4 | EACH | PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER |
| 1 | EACH | UNINTERRUPTIBLE POWER SUPPLY, SPECIAL |
| 1 | EACH | MODIFY EXISTING CONTROLLER CABINET |
| 7 | EACH | PEDESTRIAN PUSH-BUTTON, NON-LATCHING |

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | TOTAL WATTAGE |
|--|--------------|------------------------|-------------|------------------|
| TYPE | NO. OF LAMPS | WATTAGE INCAND. LED | % OPERATION | |
| SIGNAL (RED) | 16 | 17 | 0.50 | 136.0 |
| (YELLOW) | 16 | 25 | 0.25 | 100.0 |
| (GREEN) | 16 | 15 | 0.25 | 60.0 |
| ARROW | 16 | 12 | 0.10 | 19.20 |
| PED. SIGNAL | 12 | 25 | 1.00 | 300.0 |
| CONTROLLER | 1 | 100 | 1.00 | 100.0 |
| ILLUM. SIGN | | | | |
| FLASHER | | | 0.50 | |
| ENERGY COSTS TO: | | | | TOTAL = 715.20 |

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: _____

CREST HILL TS#7420