

| | | | | |
|---------------------|-------------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 344 | 2006-003 TS | COOK | 63 | 11 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO. 60B13 | | | | |

PROPOSED SCHEDULE OF QUANTITIES:

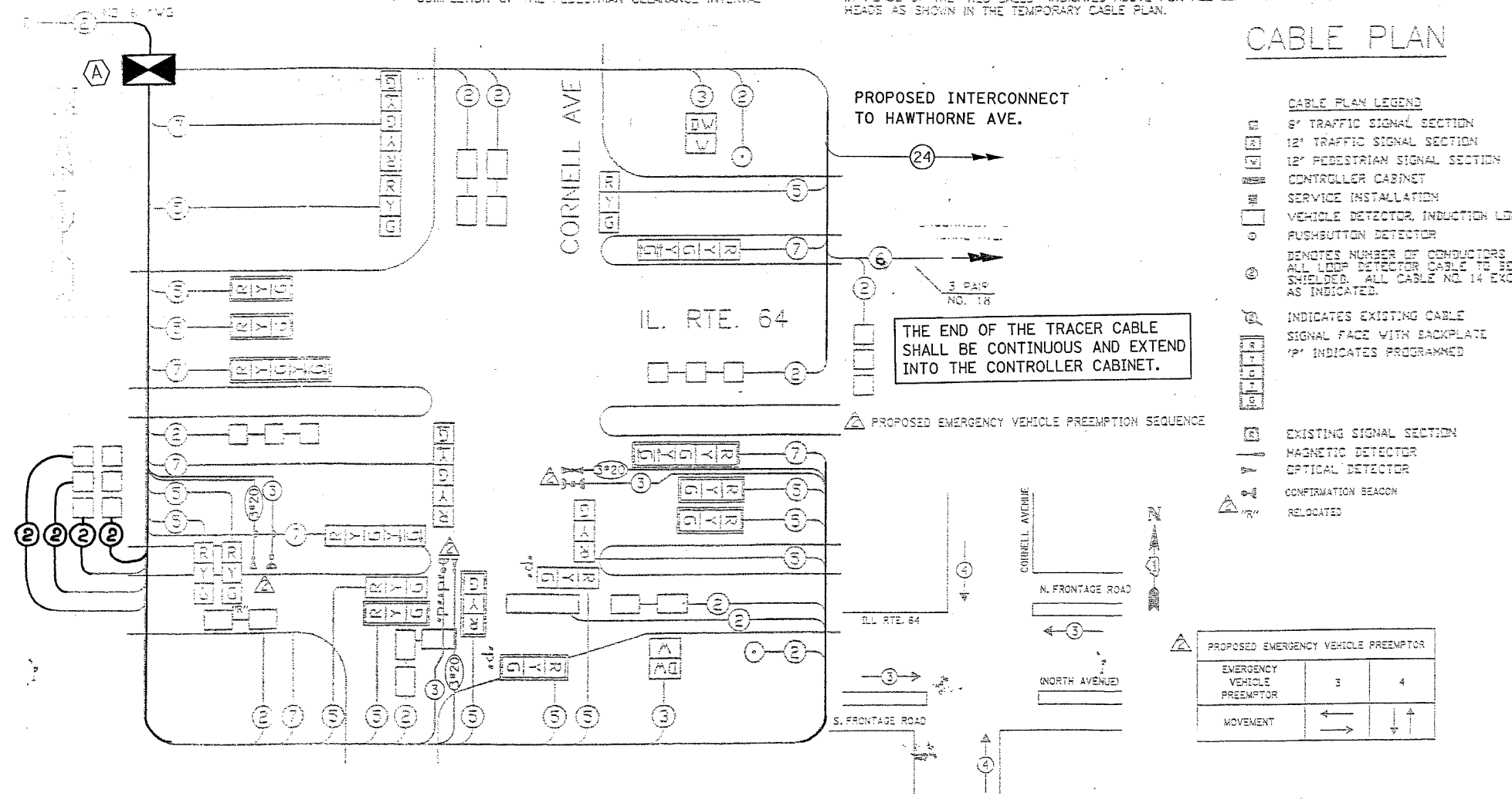
| | | |
|---------------------------|------|---|
| FULL-ACTUATED CONTROLLER | EACH | 1 |
| TRANSCEIVER - FIBER OPTIC | EACH | 1 |

| TEMPORARY SIGNAL SEQUENCE | SIGNAL MODERNIZATION SEQUENCE | SEQUENCE OF OPERATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------------------|----|----|----|----|-------|----|----|----|----|-------|----|----|-----|-----|-------|-----|-----|-----|----|-----|-----|----|-----|-----|----|----|-----|-----|-----|-----|----|
| | | 1 + 5 | | | | | 1 + 6 | | | | | 2 + 5 | | | | | 2 + 6 | | | 3 | | | 7 | | | | | | | | | | |
| MOVEMENT | MOVEMENT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8A | 8B | 9A | 9B | 10 | 11 | 12A | 12B | 13A | 13B | 14A | 14B | 15 | 16A | 16B | 17 | 18A | 18B | 19 | 20 | 21A | 21B | 22A | 22B | |
| IL 64 E/W THROUGH SIGNAL | IL 64 E/W MID MAST ARM SIGNALS | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| IL 64 E/W LEFT TURN SIGNALS | IL 64 E/W FAR LEFT AND END MAST ARM SIGNALS | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| IL 64 W/B THROUGH SIGNAL | IL 64 W/B MID MAST ARM SIGNALS | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| IL 64 W/B LEFT TURN SIGNALS | IL 64 W/B END MAST ARM AND FAR LEFT SIGNALS | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| CORNELL AVE S/B THROUGH SIGNAL | CORNELL AVE S/B MAST ARM AND FAR LEFT SIGNALS | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| CORNELL AVE S/B NEAR RIGHT AND FAR RIGHT SIGNALS | CORNELL AVE S/B NEAR RIGHT AND FAR RIGHT SIGNALS | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| CORNELL AVE N/B THROUGH SIGNALS | CORNELL AVE N/B SIGNALS | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| SERVICE RD SOUTH SIDE E/W E/W SIGNALS | SERVICE RD SOUTH SIDE E/W E/W SIGNALS | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| PEDESTRIAN SIGNALS Y-ING IL 64 E. SIDE OF CORNELL | PEDESTRIAN SIGNALS Y-ING IL 64 E. SIDE OF CORNELL | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW |

- R TO APPEAR ONLY UPON PUSHBUTTON ACTUATION
- FLASHING "DON'T WALK" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN CLEARANCE INTERVAL

NOTE: THE TEMPORARY SIGNAL SEQUENCE SHALL INCORPORATE "RED LEFT" ARROWS IN PLACE OF THE "RED BALLS" INDICATED ABOVE FOR ALL LEFT TURN SIGNAL HEADS AS SHOWN IN THE TEMPORARY CABLE PLAN.

THIS SHEET IS FOR PROPOSED FIBER OPTIC INTERCONNECT, NEW CONTROLLER AND CABINET ONLY.



CABLE PLAN

- CABLE PLAN LEGEND
- 6" TRAFFIC SIGNAL SECTION
 - 12" TRAFFIC SIGNAL SECTION
 - 12" PEDESTRIAN SIGNAL SECTION
 - CONTROLLER CABINET
 - SERVICE INSTALLATION
 - VEHICLE DETECTOR, INDUCTION LOOP
 - PUSHBUTTON DETECTOR
 - INDICATES NUMBER OF CONDUCTORS (NEEDS ALL LOOP DETECTOR CABLE TO BE SHIELDED. ALL CABLE NO. 14 EXCEPT AS INDICATED.
 - INDICATES EXISTING CABLE
 - SIGNAL FACE WITH BACKPLATE
 - *P* INDICATES PROGRAMMED
 - EXISTING SIGNAL SECTION
 - MAGNETIC DETECTOR
 - OPTICAL DETECTOR
 - CONFIRMATION BEACON
 - RELOCATED

SCHEDULE OF QUANTITIES

| | | |
|--|------|-----|
| TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 30 | FOOT | 762 |
| ELECTRIC CABLE IN CONDUIT NO. 20 30, TWISTED, SHIELDED | FOOT | 762 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT. | EACH | 1 |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| LIGHT DETECTOR | EACH | 3 |
| LIGHT DETECTOR AMPLIFIER | EACH | 1 |
| RELOCATE EXISTING SIGNAL HEAD | EACH | 1 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |

INSTALLATION OF EMERGENCY VEHICLE PREEMPTION 6-03-02

MELROSE PARK-SHEET 181 OF 365

CHRISTOPHER S. BURKE ENGINEERING LTD.
 275 West Higgins Road, Suite 200
 Rosemont, Illinois 60018
 (630) 827-0900

ILLINOIS DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, SCHEDULE OF QUANTITIES

IL. RTE. 64 (NORTH AVENUE) AND CORNELL AVENUE

SCALE: VERT. NTS
 HORIZ. NTS
 DATE: 6/19/06

DRAWN BY: BCK
 DESIGNED BY: BCK
 CHECKED BY: WPD