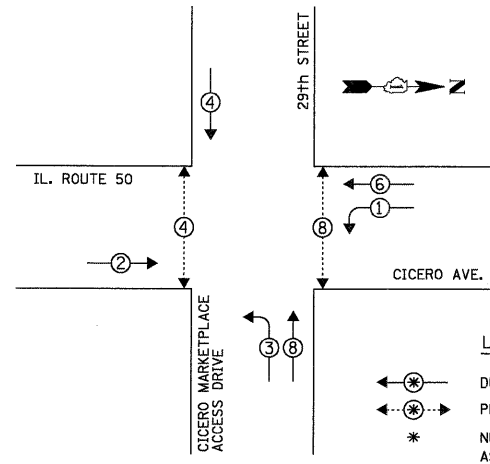


PROFILE SURVEYED BY DATE
 NOTE BOOK NO. DATE
 GRADES CHECKED BY DATE
 STRUCTURE NOTATIONS CHECKED BY DATE
 CHRISTOPHER B. BURKE ENGINEERING LTD.
 3575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (817) 823-0500

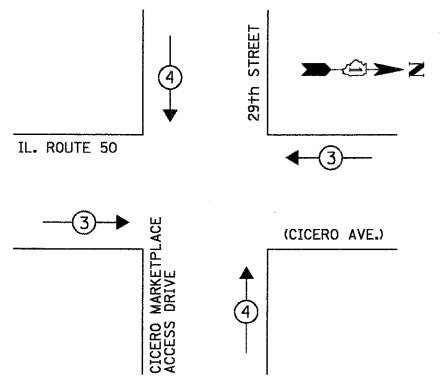
TEMPORARY CONTROLLER SEQUENCE



LEGEND
 ← ⊙ → DUAL ENTRY PHASE
 ← ⊙ → PEDESTRIAN PHASE
 * NUMBER REFERS TO ASSOCIATED PHASE

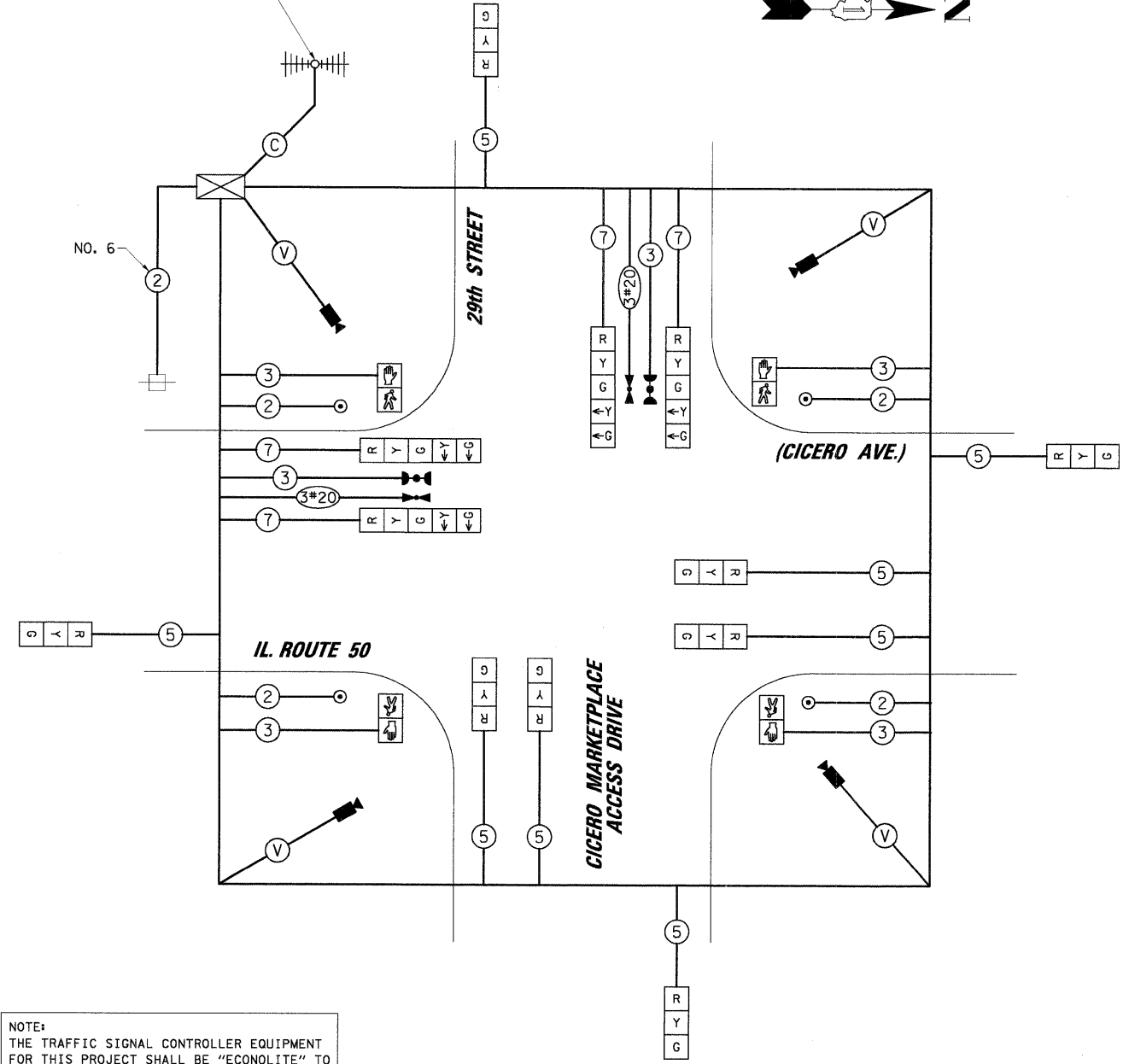
TEMPORARY PHASE DESIGNATION DIAGRAM

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

TEMPORARY RADIO INTERCONNECT TO 31st STREET (SB) AND CONNECTOR ROAD (NB)



TEMPORARY CABLE DIAGRAM LEGEND

- ⊠ TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- ⊠ TEMPORARY CONTROLLER CABINET
- ⊠ TEMPORARY SERVICE INSTALLATION
- ⑤ INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- ▶ EMERGENCY VEHICLE LIGHT DETECTOR
- ▶ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊠ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- ▶ VIDEO DETECTION CAMERA
- ⊠ VENDOR CABLE
- ⊠ RADIO INTERCONNECT
- ⊠ COAXIAL CABLE

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

TEMPORARY CABLE PLAN

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|--|--------------|---------|-----|-------------|---------------|
| TYPE | NO. OF LAMPS | INCAND. | LED | % OPERATION | |
| SIGNAL (RED) | 12 | | 17 | 0.50 | 102.00 |
| (YELLOW) | 12 | | 25 | 0.25 | 75.00 |
| (GREEN) | 12 | | 15 | 0.25 | 45.00 |
| ARROW | 8 | | 12 | 0.10 | 9.60 |
| PED. SIGNAL | 4 | | 25 | 1.00 | 100.00 |
| CONTROLLER | 1 | | 100 | 1.00 | 100.00 |
| ILLUM. SIGN | - | | 25 | 0.05 | - |
| VIDEO SYSTEM | 1 | | 150 | 1.00 | 150.00 |
| FLASHER | | | | 0.50 | |
| TOTAL = | | | | | 581.60 |

ENERGY COSTS TO: TOTAL = 581.60
ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAY/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY: CONTACT: STEVE FITZGERALD
 PHONE: (708) 235-2327
 COMPANY: COMED

| FOUNDATION (DEPTH) | FT. (m) | CABLE SLACK | FT. (m) | VERTICAL | FT. (m) |
|-----------------------|----------|------------------|-----------|-------------------|-----------------------|
| TYPE A - POST | 4 (1.2) | HANDHOLE | 6.5 (2.0) | ALL FOUNDATIONS | 3.5 (1.0) |
| C - CONTROLLER W/ UPS | 4 (1.2) | DOUBLE HANDHOLE | 13 (4.0) | MAST ARM (L) POLE | 20'+H-2'=(6m+H-0.6m)= |
| D - CONTROLLER | 4 (1.2) | SIGNAL POST | 2 (1.0) | BRACKET MOUNTED | 13 (4.0) |
| E - M. ARM POLE | | CONTROLLER CAB. | 1 (0.5) | PED. PUSHBUTTON | 6 (1.8) |
| 30" (750mm) | 15 (4.6) | FIBER OPTIC | 13 (4.0) | ELECTRIC SERVICE | 13.5 (4.1) |
| 36" (900mm) | 15 (4.6) | ELECTRIC SERVICE | 1 (0.5) | SERVICE TO GROUND | 13.5 (4.1) |
| 42" (1050mm) | 25 (7.6) | GROUND CABLE | 1 (0.5) | POST MOUNTED | 6 (1.8) |

| | | | |
|---|------------------------|----------------|-----------|
| FILE NAME = | USER NAME = FPACIONE | DESIGNED - ABR | REVISED - |
| N:\dot\080040\Task G-P IL 50\Task M - IL 50 @ 29th PL\TCB_IL50+29th.dgn | | DRAWN - FPB | REVISED - |
| | PLOT SCALE = N.T.S. | CHECKED - MJT | REVISED - |
| | PLOT DATE = 12/10/2008 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
 IL. ROUTE 50 (CICERO AVE.) AND 29th STREET / CICERO MARKETPLACE ACCESS DRIVE
 CICERO, ILLINOIS
 SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

| | | | | |
|---------------------|---------------------------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 350 | 2008-080-1 | COOK | 76 | 13 |
| CONTRACT NO. 60F82 | | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |