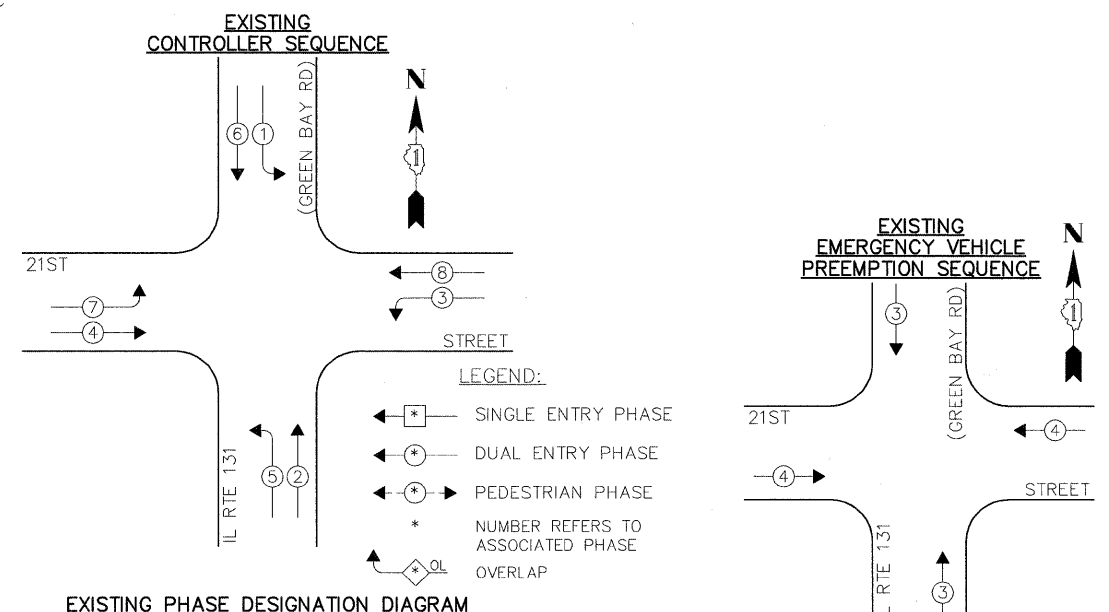
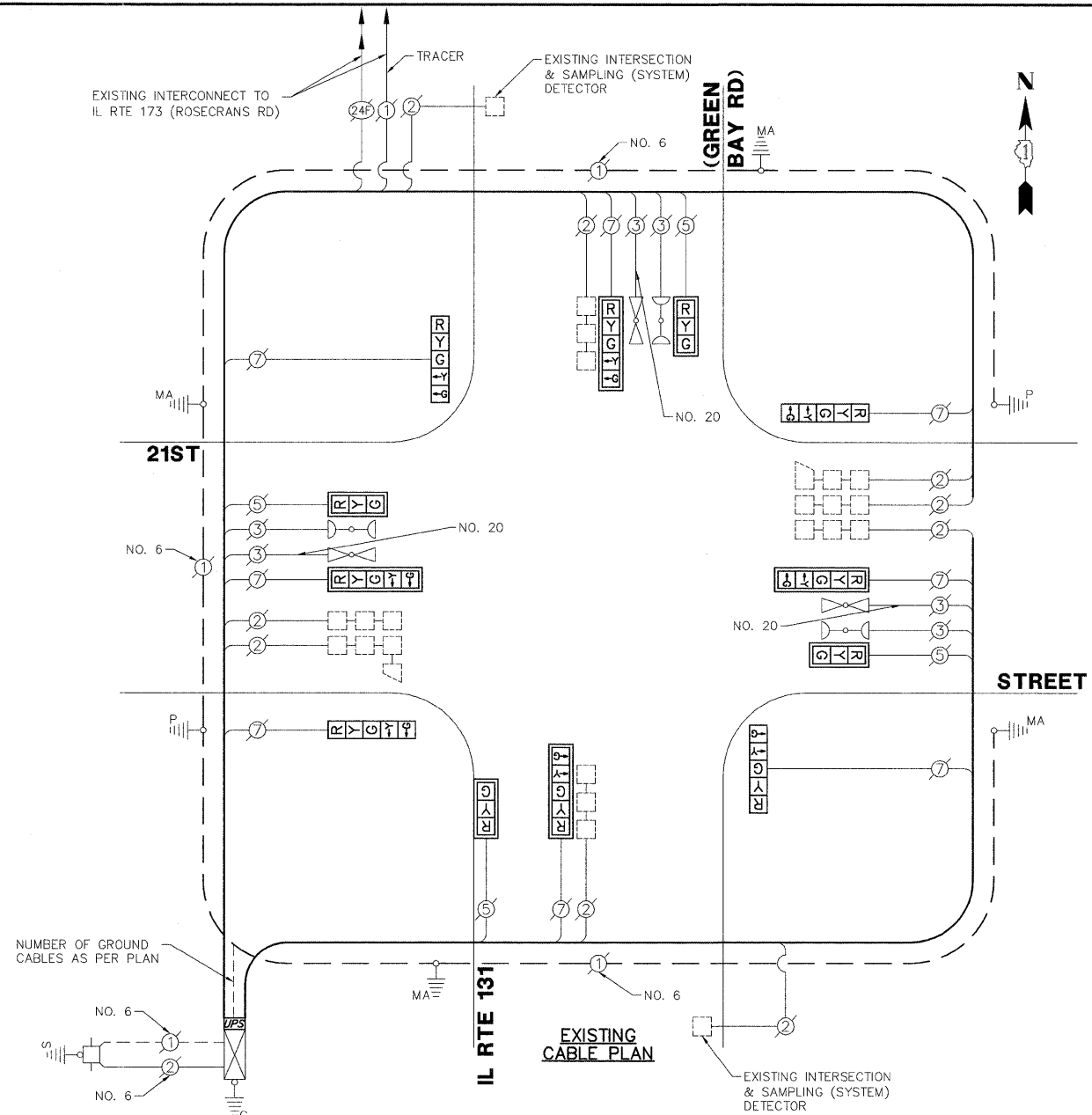


**SCHEDULE OF QUANTITIES**  
IL RTE 131 (GREEN BAY ROAD) AT 21ST STREET

| NO. | QUANT. | UNIT | DESCRIPTION   |
|-----|--------|------|---|
| 1.  | 1      | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION             |
| 2.  | 1      | EACH | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                        |
| 3.  | 1      | EACH | UNINTERRUPTIBLE POWER SUPPLY                                    |
| 4.  | 4      | EACH | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT |
| 5.  | 4      | EACH | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT |
| 6.  | 4      | EACH | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT  |



- LEGEND:**
- ◀ \* ▶ SINGLE ENTRY PHASE
  - ◀ \* DUAL ENTRY PHASE
  - ◀ \* ▶ PEDESTRIAN PHASE
  - \* NUMBER REFERS TO ASSOCIATED PHASE
  - ◀ \* OL ▶ OVERLAP

|                             |   |   |
|-----------------------------|---|---|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 |
| MOVEMENT                    | ↑ | ← |

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS |           |         |        |             | TOTAL WATTAGE |
|--|-----------|---------|--------|-------------|---------------|
| TYPE   | NO. LAMPS | INCAND. | L.E.D. | % OPERATION |               |
| SIGNAL (RED)   | 12        | 135     | 17     | 0.50        | 102.0         |
| SIGNAL (YELLOW)  | 12        | 135     | 25     | 0.25        | 75.0          |
| SIGNAL (GREEN)   | 12        | 135     | 15     | 0.25        | 45.0          |
| ARROW  | 16        | 135     | 12     | 0.10        | 19.2          |
| PED. SIGNAL  | —         | 90      | 25     | 1.00        | —             |
| CONTROLLER   | 1         | —       | 100    | 1.00        | 100.0         |
| LUMINAIRE  | —         | —       | 250    | 0.50        | —             |
| L.E.D. ST. NAME SIGN   | —         | —       | 64     | 0.50        | —             |
| VIDEO SYSTEM   | —         | —       | 150    | 1.00        | —             |
| BATTERY BACKUP   | 1         | —       | 25     | 1.00        | 25.0          |
| ILLUMINATED SIGN   | —         | —       | 25     | 0.05        | —             |
| <b>TOTAL =</b>   |           |         |        |             | <b>366.2</b>  |

ENERGY COSTS - BILLED TO: JDOT DISTRICT 1  
(ADDRESS) 201 WEST CENTER COURT  
(ADDRESS) SCHAUMBURG, IL 60196  
ENERGY SUPPLY - CONTACT: ALICE TAYLOR  
PHONE: 847.816.5458  
COMPANY: COMED

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

|                              |                           |                |           |
|------------------------------|---------------------------|----------------|-----------|
| FILE NAME = 4085.874-TR1.dwg | USER NAME = ZACH WALLSTEN | DESIGNED - JRD | REVISED - |
| PLOT SCALE = 1" = .0833'     | CHECKED - KLB             | DRAWN - JRM    | REVISED - |
| PLOT DATE = 6/30/2011        | DATE - 6/30/2011          |                | REVISED - |

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE**  
**IL RTE 131 (GREEN BAY RD) AT 21ST STREET**

SCALE: N.A. SHEET NO. OF SHEETS STA. TO STA.

|                   |                     |             |                 |                           |
|-------------------|---------------------|-------------|-----------------|---------------------------|
| F.A.P. RTE. 880   | SECTION 2011-042-TS | COUNTY LAKE | TOTAL SHEETS 62 | SHEET NO. 56              |
| CONTRACT #: 60P49 |                     |             |                 | ILLINOIS FED. AID PROJECT |

GHA #4085.874