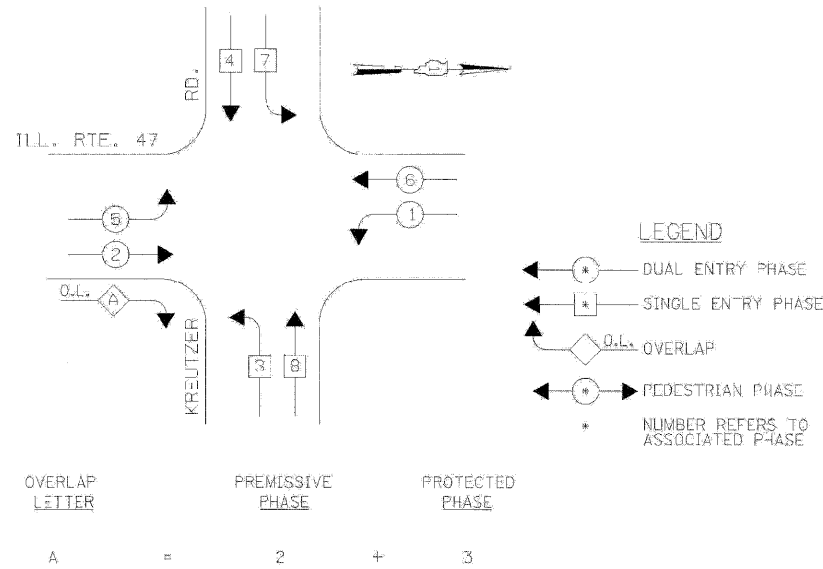


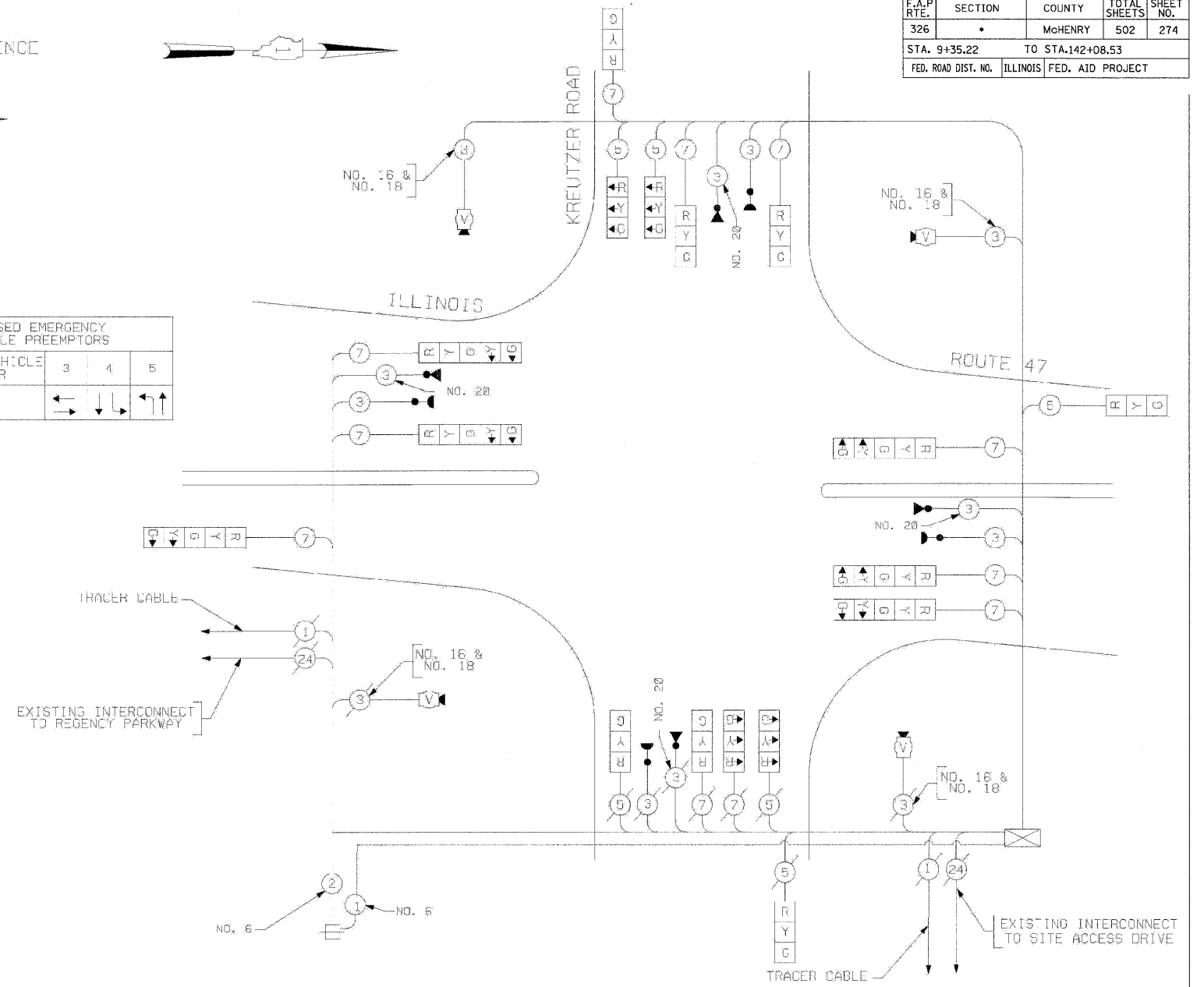
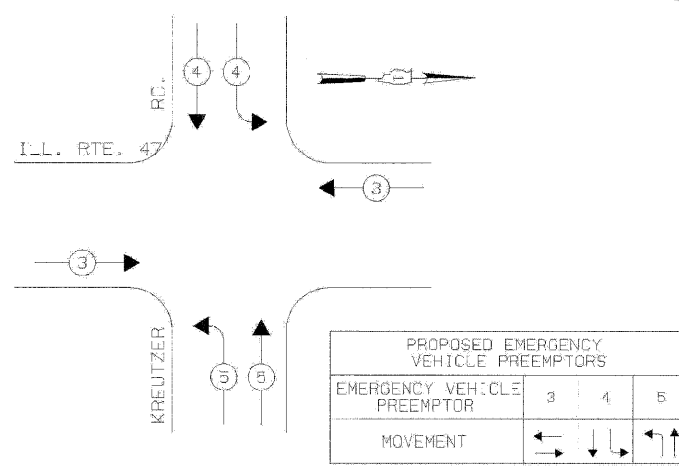
| F.A.P. RTE.         | SECTION | COUNTY           | TOTAL SHEETS     | SHEET NO. |
|---------------------|---------|------------------|------------------|-----------|
| 326                 |         | McHENRY          | 502              | 274       |
| STA. 9+35.22        |         | TO STA.142+08.53 |                  |           |
| FED. ROAD DIST. NO. |         | ILLINOIS         | FED. AID PROJECT |           |

CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM  
STAGES: PRE-STAGE.

EMERGENCY VEHICLE PREEMPTION SEQUENCE



TEMPORARY CABLE PLAN

(NOT TO SCALE)

STAGES: PRE-STAGE.

(MODIFIED FROM EXISTING TEMP. SIGNAL INSTALLATION)

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

NOTE 1: ALL THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE LED TYPE

TEMPORARY CABLE DIAGRAM LEGEND

- TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12' (300MM)
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- 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
- MICROWAVE VEHICLE SENSOR
- VIDEO CAMERA ASSEMBLY
- CO-AXIAL VIDEO CABLE

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS                               |          |         |     |              | TOTAL WATTAGE |
|--|----------|---------|-----|--------------|---------------|
| TYPE   | NO LAMPS | WATTAGE |     | %OPERATIVITY |               |
| SIGNAL (RED)   | 17       | 135     | 11  | 0.50         | 144.5         |
| (YELLOW)   | 17       | 135     | 25  | 0.25         | 106.25        |
| (GREEN)  | 17       | 135     | 15  | 0.25         | 68.75         |
| ARROW  | 12       | 135     | 12  | 0.10         | 14.4          |
| PED. SIGNAL  |          | 90      | 25  | 1.00         |               |
| CONTROLLER   | 1        | 100     | 100 | 1.00         | 100           |
| ILLUM. SIGN  |          |         |     | 0.05         |               |
| F. ASHER   |          |         |     | 0.50         |               |
| ENERGY COSTS TO:   |          |         |     | TOTAL #      | 428.9         |
| ILLINOIS DEPARTMENT OF TRANSPORTATION<br>201 WEST CENTER COURT<br>SCHLAUMBERG, ILLINOIS 60196-1096 |          |         |     |              |               |
| ENERGY SUPPLY CONTACT: KATIE OLIVA<br>PHONE: (847) 608-2358<br>COMPANY: COMED                      |          |         |     |              |               |

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, ILLINOIS ROUTE 47 AT KREUTZER ROAD PRE-STAGE (SHEET 2 OF 7)

SCALE: N.T.S.  
DATE: APRIL 17, 2009

DRAWN BY: ME/MA/YB  
DESIGNED BY: PKG/RRM  
CHECKED BY: PKG/RRM

GANDHI AND ASSOCIATES, INC.  
ENGINEERS AND PLANNERS  
6035 W. NORTHWEST HIGHWAY  
SUITE 306  
CHICAGO, ILLINOIS 60631 TEL: (773) 874-5990

PLOT DATE = Wednesday, August 05, 2009  
FILE NAME = S:\11-CADD\11-rt-274-107.dgn  
USER NAME = 3830

...#101\_068-11-7@KREUTZER\_RD\_TEMP\_CD.dgn  
4/24/2009  
5:02:48 PM