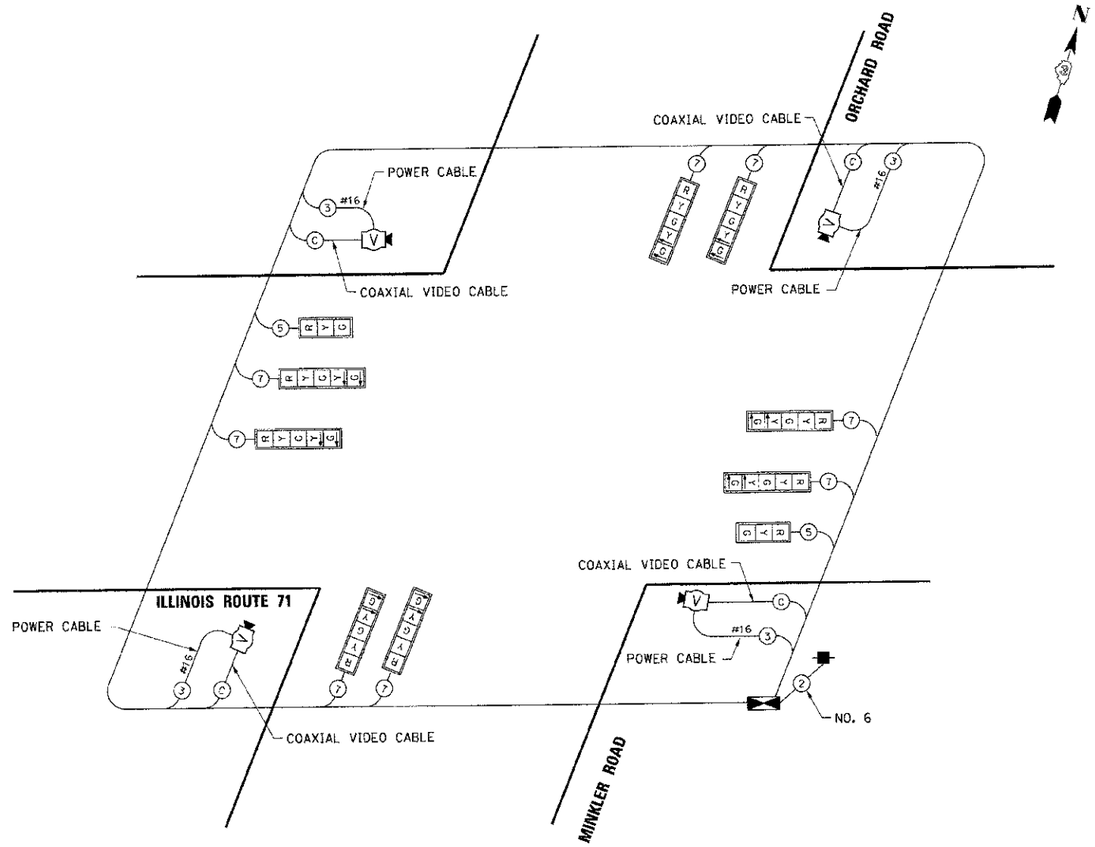
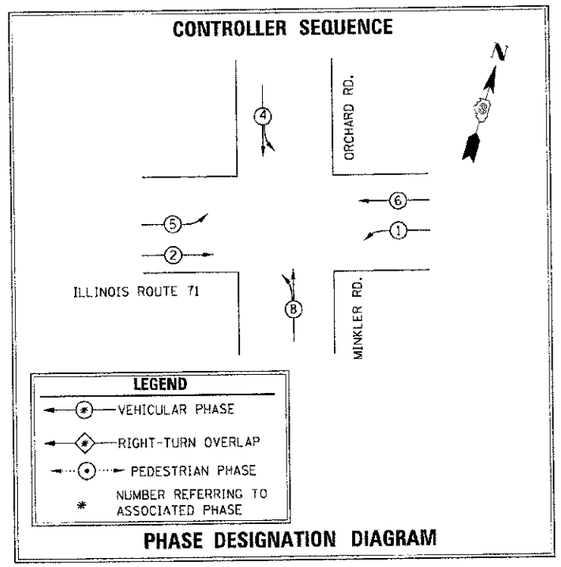
CONTRACT NO. 66420

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 311 | 11-11R | KENDALL | 514 | 368 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

## TEMPORARY CABLE DIAGRAM LEGEND

- R — TEMPORARY 12" TRAFFIC SIGNAL SECTION
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY SIGNAL HEAD, PEDESTRIAN
- (2) — DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED
- TEMPORARY PEDESTRIAN PUSH-BUTTON DETECTOR
- V — TEMPORARY VIDEO DETECTION CAMERA




NOTE:

1. DURING MAINTENANCE OF TRAFFIC STAGES THAT DO NOT REQUIRE A PROTECTED LEFT TURN PHASE, THE ASSOCIATED LEFT TURN ARROW SECTIONS SHALL BE DISABLED AND APPROPRIATELY BAGGED.

2. SPLIT PHASE TIMING ON SIDE ROADS THE YELLOW ARROW TIME SHALL BE THE SAME LENGTH OF TIME AS THE YELLOW BALL TIME.

### TEMPORARY TRAFFIC SIGNAL INSTALLATION

| DESCRIPTION | QUANTITY | UNITS |
|---|---|---|
| WOOD POLES, CLASS 5, 45' W/ GUY WIRE AND ANCHORS | 4 | EACH |
| ELECTRIC CABLE, AERIAL SUSPENDED SIGNAL NO. 14, 7C, WITH SPAN WIRE & TETHER | 2404 | FOOT |
| ELECTRIC CABLE, AERIAL SUSPENDED SIGNAL NO. 14, 5C, WITH SPAN WIRE & TETHER | 1500 | FOOT |
| ELECTRIC CABLE, AERIAL SUSPENDED SIGNAL NO. 2, 1/C, WITH SPAN WIRE & TETHER | 100 | FOOT |
| TEMPORARY TRAFFIC SIGNAL CONTROLLER | 1 | EACH |
| SIGNAL HEAD, 1 FACE, 5 SECTION, 12" LENSES | 8 | EACH |
| SIGNAL HEAD, 1 FACE, 3 SECTION, 12" LENSES | 2 | EACH |
| ELECTRIC CABLE, AERIAL SUSPENDED SIGNAL NO. 6, 1/C WITH SPAN WIRE & TETHER | 100 | FOOT |
| TEMPORARY VIDEO DETECTION SYSTEM | 1 | EACH |
| 400 W HPS COBRAHEAD LUMINARIES MOUNTED TO MAST ARMS ON TEMP. POLES CLOSEST TO INTERSECTION | 4 | EACH |

### TEMPORARY VIDEO DETECTION SYSTEM BILL OF MATERIALS

| DESCRIPTION | QUANTITY | UNITS |
|---|---|---|
| MACHINE VISION PROCESSOR | 1 | EACH |
| AUTOSCOPE IMAGE SENSOR | 4 | EACH |
| VIDEO ELECTRIC CABLE IN CONDUIT, NO. 16 3/C | 905 | FOOT |
| VIDEO BELDEN 8281 COAXIAL CABLE IN CONDUIT | 905 | FOOT |
| 15 FT MAST ARM MOUNTED TO TEMP. WOOD POLES FOR CONNECTION OF VIDEO CAMERA & LIGHTING | 4 | EACH |

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TEMPORARY TRAFFIC SIGNAL CABLE PLAN**

**IL RTE 71**

**ORCHARD RD./MINKLER RD.**

SCALE: N.T.S. DRAWN BY NMR

DATE: 7/9/2012 CHECKED BY DJL

PLOT DATE = 7/9/2012
FILE NAME = pw:\\pw\projects\ill\ill_71\ORCHARD_MINKLER_TF02.dgn
PLOT SCALE = 20.0000 ' / IN.