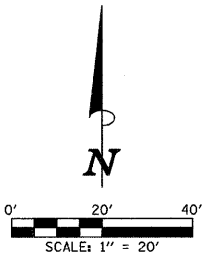


TEMPORARY TRAFFIC SIGNAL NOTES

1. ALL CONTROL EQUIPMENT FOR THE TEMPORARY TRAFFIC SIGNALS SHALL BE FURNISHED BY THE CONTRACTOR.
2. THE TEMPORARY SIGNALS SHALL BE FULLY INSTALLED AND OPERATIONAL PRIOR TO THE EXISTING SIGNALS BEING DISCONNECTED. THE PROPOSED SIGNAL INSTALLATION SHALL BE INSTALLED AND OPERATIONAL BEFORE THE TEMPORARY INSTALLATION IS DISCONNECTED.
3. THE PROPOSED TEMPORARY TRAFFIC SIGNALS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD 880001 AND SECTION 890 OF THE STANDARD SPECIFICATIONS.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WOOD POLES OF SUFFICIENT LENGTH TO MAINTAIN THE CLEARANCE REQUIREMENTS SHOWN IN STANDARD 880001.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WOOD POLES OF THE CLASS REQUIRED TO SUPPORT THE TEMPORARY TRAFFIC SIGNAL INSTALLATION IN ACCORDANCE WITH STANDARD 880001 AND SECTION 890 OF THE STANDARD SPECIFICATIONS.
6. ALL HARDWARE NECESSARY TO INSTALL THE SPAN WIRE, SIGNAL HEADS, WOOD POLES, GUY WIRES, AND ANY OTHER ITEMS NECESSARY FOR THE COMPLETE INSTALLATION OF THE TEMPORARY TRAFFIC SIGNALS SHALL BE PROVIDED BY THE CONTRACTOR.
7. THE CONTROLLER USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE A FULLY-ACTUATED NEMA MICROPROCESSOR-BASED CONTROLLER INSTALLED IN A CABINET. THE CONTROLLER SHALL ACCOMMODATE 8 VEHICLE PHASES AND 4 PEDESTRIAN PHASES AND SHALL BE CAPABLE OF SUPPLYING 255 SECONDS OF CYCLE LENGTH WITH INDIVIDUAL PHASE LENGTH SETTINGS UP TO 99 SECONDS.
8. ALL TEMPORARY SIGNAL FACES SHALL HAVE 12 INCH LENSES. THE TEMPORARY SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE EACH TEMPORARY SIGNAL HEAD TO ANY POSITION ON ITS SPAN WIRE. EACH TEMPORARY SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
9. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING LOCATIONS AND RELOCATED AND SECURELY FASTENED TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. "NO TURN ON RED" SIGNS (MUTCD R10-11B-2424) SHALL BE ADDED TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.
10. THE PROPOSED SIGNAL TIMINGS FOR THE TEMPORARY CONTROLLER WILL BE PROVIDED BY THE CITY OF URBANA. THE TEMPORARY TRAFFIC SIGNAL SYSTEM SHALL BE PRE-TIMED.
11. ALL LABOR AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE ITEMS AND QUANTITIES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
12. NO ADDITIONAL PAYMENT SHALL BE MADE FOR ANY DELAYS OR SIGNAL HEAD RELOCATIONS RESULTING FROM UTILITY RELOCATIONS, CHANGES IN STAGING, REMOVAL OF EXISTING SIGNALS, OR INSTALLATION OF PROPOSED SIGNALS.

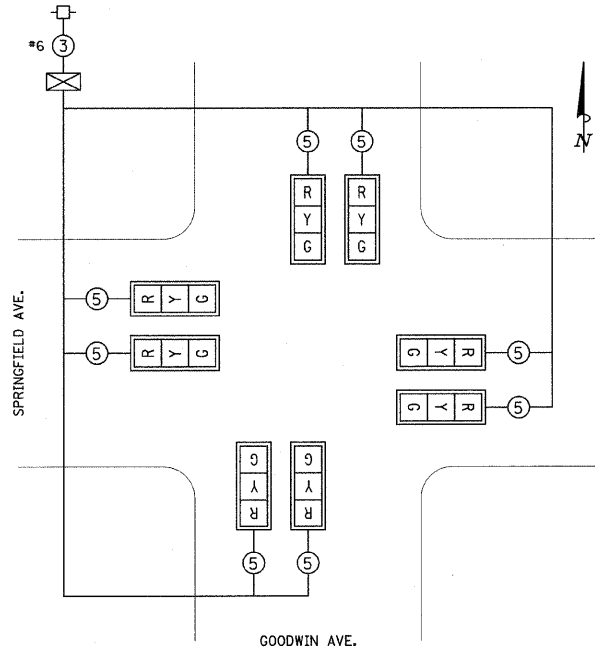
TEMPORARY TRAFFIC SIGNAL LEGEND

- ← TEMPORARY TRAFFIC SIGNAL HEAD, SPAN WIRE MOUNTED
- TEMPORARY WOOD POLE
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY GUY WIRE
- ☒ TEMPORARY CONTROLLER CABINET
- ☐ TEMPORARY SERVICE INSTALLATION



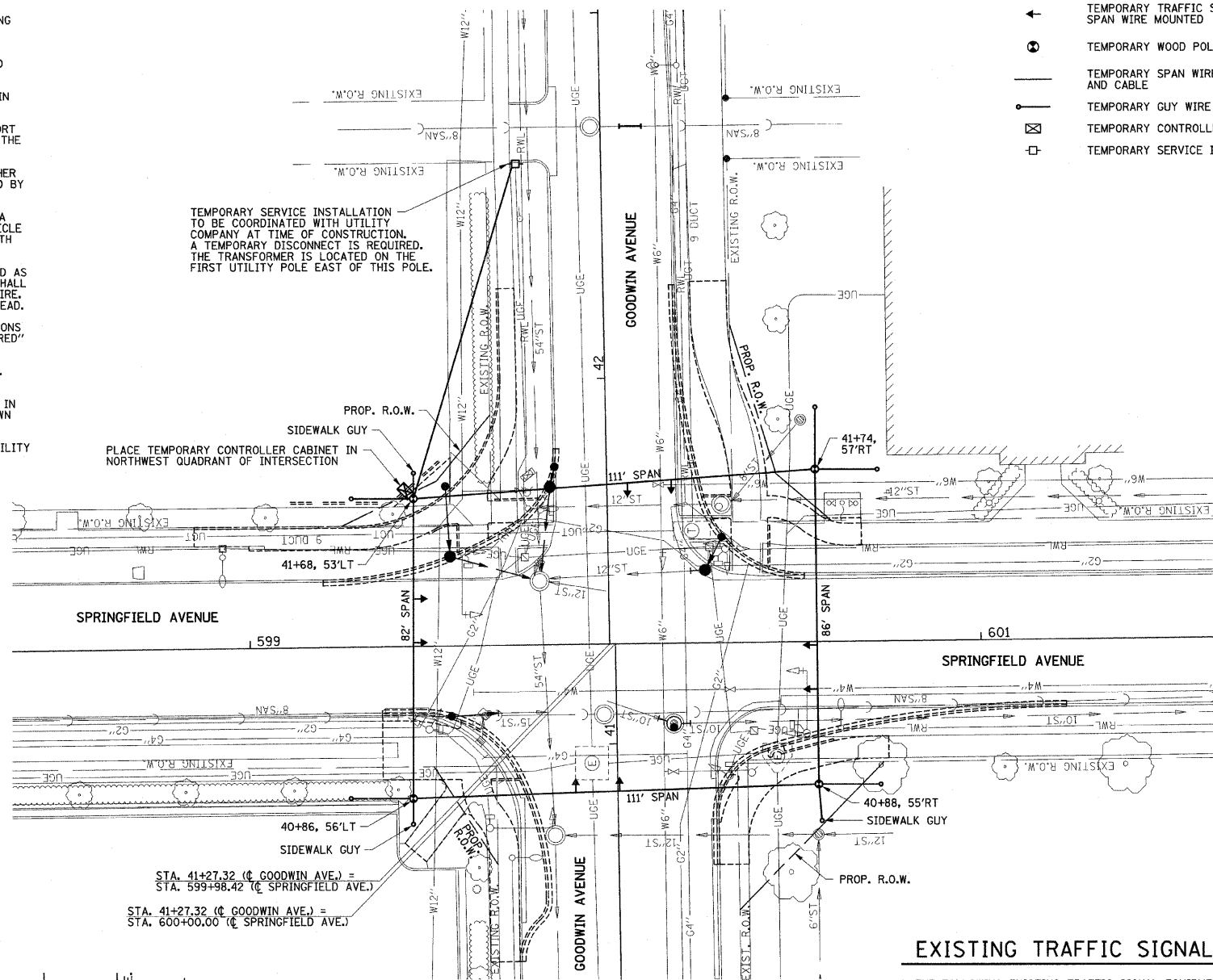
TEMPORARY CABLE DIAGRAM LEGEND

- ☒ TEMPORARY CONTROLLER CABINET
- ☐ TEMPORARY TRAFFIC SIGNAL FACE WITH BACKPLATE
- ☐ TEMPORARY SERVICE INSTALLATION
- ⑤ NUMBER OF CONDUCTORS IN CABLE
ALL CABLE #14 EXCEPT AS INDICATED



TEMPORARY CABLE DIAGRAM

NO SCALE

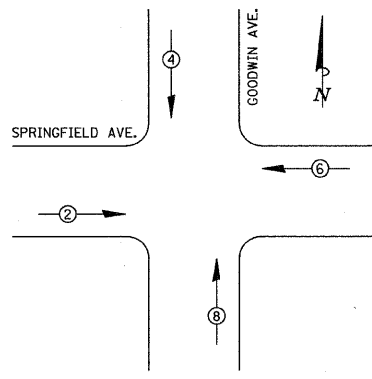


TEMPORARY SERVICE INSTALLATION TO BE COORDINATED WITH UTILITY COMPANY AT TIME OF CONSTRUCTION. A TEMPORARY DISCONNECT IS REQUIRED. THE TRANSFORMER IS LOCATED ON THE FIRST UTILITY POLE EAST OF THIS POLE.

PLACE TEMPORARY CONTROLLER CABINET IN NORTHWEST QUADRANT OF INTERSECTION

TEMPORARY PHASE DESIGNATION DIAGRAM LEGEND

- ←* VEHICULAR PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE



TEMPORARY PHASE DESIGNATION DIAGRAM

NO SCALE

EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED

A. THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE CITY OF URBANA, AND SHALL BE MOVED TO AND STORED AT A LOCATION DESIGNATED BY THE ENGINEER FOR PICK-UP BY THE CITY'S FORCES:

| ITEM | UNIT | QUANTITY |
|--|------|----------|
| CONTROLLER IN CABINET (COMPLETED) | EACH | 1 |
| TRAFFIC SIGNAL POST | EACH | 3 |
| COMBINATION MAST ARM ASSEMBLY AND POLE | EACH | 4 |
| TRAFFIC SIGNAL BACKPLATE | EACH | 5 |
| SIGNAL HEAD | EACH | 14 |
| PEDESTRIAN SIGNAL HEAD | EACH | 8 |

THIS WORK WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT. REMOVAL OF INDIVIDUAL ITEMS WILL NOT BE PAID FOR SEPARATELY.

B. THE CONTRACTOR SHALL REMOVE THE FOLLOWING EXISTING TRAFFIC SIGNAL ITEMS AND DISPOSE OF THEM IN ACCORDANCE WITH THE CONTRACT DOCUMENTS:

| ITEM | UNIT | QUANTITY |
|---------------------|------|----------|
| HANDHOLE | EACH | 3 |
| CONCRETE FOUNDATION | EACH | 8 |

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR REMOVE EXISTING HANDHOLE AND REMOVE EXISTING CONCRETE FOUNDATION.

C. THE CONTRACTOR SHALL REMOVE THE EXISTING ELECTRIC CABLES THAT RUN FROM THE EXISTING MAST ARM ON THE NORTHWEST QUADRANT OF GOODWIN AND SPRINGFIELD TO THE SCHOOL FLASHER ON THE NORTHEAST QUADRANT OF MATHEWS AND SPRINGFIELD AND THE EXISTING ELECTRIC CABLES FOR THE EXISTING SERVICE INSTALLATION. THE CABLES SHALL BE DISPOSED OF IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. CABLE THAT IS REMOVED SHALL NOT BE REUSED. THE REMAINING CABLES AT THE INTERSECTION SHALL BE ABANDONED IN PLACE UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE OF REMOVE ELECTRIC CABLE FROM CONDUIT (SPECIAL), AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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|----------------|-----------|
| DESIGNED - JAJ | REVISED - |
| DRAWN - JAJ | REVISED - |
| CHECKED - SMW | REVISED - |
| DATE - 01-2009 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**GOODWIN AVENUE & SPRINGFIELD AVENUE
TRAFFIC SIGNAL PLANS
TEMPORARY TRAFFIC SIGNAL PLAN**

SCALE: 1"=20' SHEET NO. 57 OF 75 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------------------|-----------|--------------------|-----------|
| 7175 | 07-00456-00-RS | CHAMPAIGN | 75 | 57 |
| GOODWIN AVENUE | | | CONTRACT NO. 91392 | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |