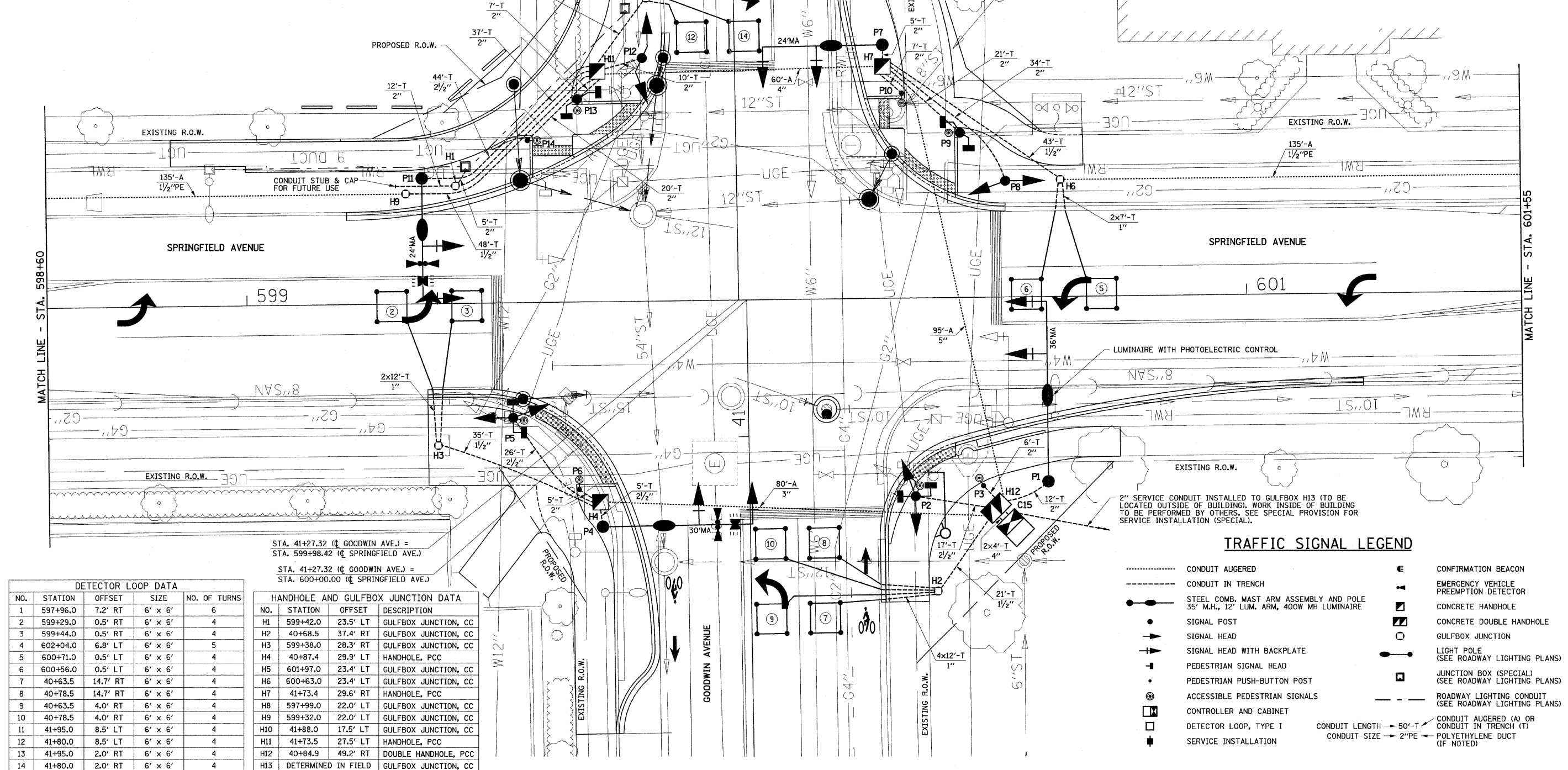
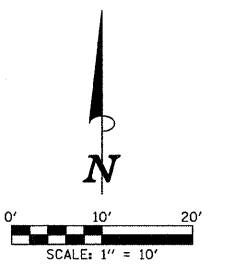


| POST AND MAST ARM DATA | | | | |
|------------------------|---------|----------|--|-----------------|
| NO. | STATION | OFFSET | DESCRIPTION | FOUNDATION |
| P1 | 40+90.0 | 59.8' RT | STEEL COMB. MAST ARM ASSEMBLY AND POLE 36' | E-30"DIA.-13.5' |
| P2 | 40+87.5 | 33.2' RT | TRAFFIC SIGNAL POST, 16' | A |
| P3 | 40+89.4 | 46.8' RT | PEDESTRIAN PUSH-BUTTON POST | (SEE DETAIL) |
| P4 | 40+82.5 | 29.5' LT | STEEL COMB. MAST ARM ASSEMBLY AND POLE 30' | E-30"DIA.-13.5' |
| P5 | 41+04.6 | 47.1' LT | TRAFFIC SIGNAL POST, 16' | A |
| P6 | 40+90.0 | 34.1' LT | PEDESTRIAN PUSH-BUTTON POST | (SEE DETAIL) |
| P7 | 41+77.7 | 29.7' RT | STEEL COMB. MAST ARM ASSEMBLY AND POLE 24' | E-30"DIA.-10' |
| P8 | 41+50.2 | 53.7' RT | TRAFFIC SIGNAL POST, 14' | A |
| P9 | 41+59.9 | 44.9' RT | TRAFFIC SIGNAL POST, 10' | A |
| P10 | 41+68.0 | 33.3' RT | PEDESTRIAN PUSH-BUTTON POST | (SEE DETAIL) |
| P11 | 41+52.8 | 63.0' LT | STEEL COMB. MAST ARM ASSEMBLY AND POLE 24' | E-30"DIA.-10' |
| P12 | 41+76.0 | 18.5' LT | TRAFFIC SIGNAL POST, 14' | A |
| P13 | 41+68.0 | 31.6' LT | TRAFFIC SIGNAL POST, 10' | A |
| P14 | 41+60.0 | 41.7' LT | PEDESTRIAN PUSH-BUTTON POST | (SEE DETAIL) |
| C15 | 40+82.0 | 52.0' RT | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET | D |

NOTE: THE LUMINAIRES FOR THE COMBINATION MAST ARMS WILL BE FURNISHED AND INSTALLED BY THE CITY OF URBANA. THE LUMINAIRE POLE WIRING AND PHOTOCELL SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.



| DETECTOR LOOP DATA | | | | |
|--------------------|----------|----------|---------|--------------|
| NO. | STATION | OFFSET | SIZE | NO. OF TURNS |
| 1 | 597+96.0 | 7.2' RT | 6' x 6' | 6 |
| 2 | 599+29.0 | 0.5' RT | 6' x 6' | 4 |
| 3 | 599+44.0 | 0.5' RT | 6' x 6' | 4 |
| 4 | 602+04.0 | 6.8' LT | 6' x 6' | 5 |
| 5 | 600+71.0 | 0.5' LT | 6' x 6' | 4 |
| 6 | 600+56.0 | 0.5' LT | 6' x 6' | 4 |
| 7 | 40+63.5 | 14.7' RT | 6' x 6' | 4 |
| 8 | 40+78.5 | 14.7' RT | 6' x 6' | 4 |
| 9 | 40+63.5 | 4.0' RT | 6' x 6' | 4 |
| 10 | 40+78.5 | 4.0' RT | 6' x 6' | 4 |
| 11 | 41+95.0 | 8.5' LT | 6' x 6' | 4 |
| 12 | 41+80.0 | 8.5' LT | 6' x 6' | 4 |
| 13 | 41+95.0 | 2.0' RT | 6' x 6' | 4 |
| 14 | 41+80.0 | 2.0' RT | 6' x 6' | 4 |

| HANDHOLE AND GULFBOX JUNCTION DATA | | | | |
|------------------------------------|--|----------|----------------------|--|
| NO. | STATION | OFFSET | DESCRIPTION | |
| H1 | 599+42.0 | 23.5' LT | GULFBOX JUNCTION, CC | |
| H2 | 40+68.5 | 37.4' RT | GULFBOX JUNCTION, CC | |
| H3 | 599+38.0 | 28.3' RT | GULFBOX JUNCTION, CC | |
| H4 | 40+87.4 | 29.9' LT | HANDHOLE, PCC | |
| H5 | 601+97.0 | 23.4' LT | GULFBOX JUNCTION, CC | |
| H6 | 600+63.0 | 23.4' LT | GULFBOX JUNCTION, CC | |
| H7 | 41+73.4 | 29.6' RT | HANDHOLE, PCC | |
| H8 | 597+99.0 | 22.0' LT | GULFBOX JUNCTION, CC | |
| H9 | 599+32.0 | 22.0' LT | GULFBOX JUNCTION, CC | |
| H10 | 41+88.0 | 17.5' LT | GULFBOX JUNCTION, CC | |
| H11 | 41+73.5 | 27.5' LT | HANDHOLE, PCC | |
| H12 | 40+84.9 | 49.2' RT | DOUBLE HANDHOLE, PCC | |
| H13 | DETERMINED IN FIELD GULFBOX JUNCTION, CC | | | |

| TRAFFIC SIGNAL LEGEND | | | |
|-----------------------|--|-----|---|
| | CONDUIT AUGERED | ⊕ | CONFIRMATION BEACON |
| --- | CONDUIT IN TRENCH | ⬇ | EMERGENCY VEHICLE PREEMPTION DETECTOR |
| ● | STEEL COMB. MAST ARM ASSEMBLY AND POLE | ⊠ | CONCRETE HANDHOLE |
| ○ | SIGNAL POST | ⊞ | CONCRETE DOUBLE HANDHOLE |
| ⬆ | SIGNAL HEAD | ○ | GULFBOX JUNCTION |
| ⬆ | SIGNAL HEAD WITH BACKPLATE | ⊙ | LIGHT POLE (SEE ROADWAY LIGHTING PLANS) |
| ⬆ | PEDESTRIAN SIGNAL HEAD | ⊞ | (SEE ROADWAY LIGHTING PLANS) |
| ⬆ | PEDESTRIAN PUSH-BUTTON POST | ⊞ | JUNCTION BOX (SPECIAL) (SEE ROADWAY LIGHTING PLANS) |
| ⊙ | ACCESSIBLE PEDESTRIAN SIGNALS | --- | ROADWAY LIGHTING CONDUIT (SEE ROADWAY LIGHTING PLANS) |
| ⊞ | CONTROLLER AND CABINET | --- | CONDUIT AUGERED (A) OR CONDUIT IN TRENCH (T) |
| ⊞ | DETECTOR LOOP, TYPE I | --- | CONDUIT SIZE → 50'-T → POLYETHYLENE DUCT (IF NOTED) |
| ⊞ | SERVICE INSTALLATION | | |

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 PLOT DATE = 1/22/2009 6:49:13 PM

| | |
|----------------|-----------|
| 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
 TRAFFIC SIGNAL LAYOUT

SCALE: 1"=10' SHEET NO. 58 OF 75 SHEETS STA. TO STA.

| | | | | |
|---------------------|------------------------|--------------------|-----------------|--------------|
| F.A.U. RTE. 7175 | SECTION 07-00456-00-RS | COUNTY CHAMPAIGN | TOTAL SHEETS 75 | SHEET NO. 58 |
| GOODWIN AVENUE | | CONTRACT NO. 91392 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |