



| DETECTOR LOOP DATA | | | | |
|--------------------|----------|----------|---------|--------------|
| NO. | STATION | OFFSET | SIZE | NO. OF TURNS |
| 1 | 499+31.0 | 3.5' RT | 6' x 6' | 4 |
| 2 | 499+46.0 | 3.5' RT | 6' x 6' | 4 |
| 3 | 500+69.0 | 3.5' LT | 6' x 6' | 4 |
| 4 | 500+54.0 | 3.5' LT | 6' x 6' | 4 |
| 5 | 32+28.5 | 7.2' RT | 6' x 6' | 4 |
| 6 | 32+43.5 | 7.2' RT | 6' x 6' | 4 |
| 7 | 32+28.5 | 3.5' LT | 6' x 6' | 4 |
| 8 | 32+43.5 | 3.5' LT | 6' x 6' | 4 |
| 9 | 33+82.5 | 14.8' LT | 6' x 6' | 5 |
| 10 | 33+67.5 | 14.8' LT | 6' x 6' | 5 |
| 11 | 33+77.5 | 4.0' LT | 6' x 6' | 5 |
| 12 | 33+62.5 | 4.0' LT | 6' x 6' | 5 |

| HANDHOLE AND GULFBOX JUNCTION DATA | | | |
|------------------------------------|---------|----------|-------------------------|
| NO. | STATION | OFFSET | DESCRIPTION |
| H1 | 33+63.0 | 38.0' LT | GULFBOX JUNCTION, CC |
| H2 | 33+48.5 | 41.5' LT | HANDHOLE TO BE ADJUSTED |
| H3 | 32+57.0 | 55.0' LT | HANDHOLE, PCC |
| H4 | 33+39.4 | 47.2' RT | HANDHOLE TO BE ADJUSTED |
| H5 | 32+38.0 | 36.0' RT | GULFBOX JUNCTION, CC |

| POST AND MAST ARM DATA | | | | |
|------------------------|---------|----------|---|--------------|
| NO. | STATION | OFFSET | DESCRIPTION | FOUNDATION |
| P1 | 32+66.7 | 53.9' LT | TRAFFIC SIGNAL POST, 16' (WITH 2 RELOCATED TRAFFIC SIGNAL HEADS FROM P4 AND 1 RELOCATED PEDESTRIAN SIGNAL HEAD FROM P3) | A |
| P2 | 32+53.2 | 46.2' LT | PEDESTRIAN PUSH-BUTTON POST (WITH 2 NEW PEDESTRIAN PUSH-BUTTONS) | (SEE DETAIL) |
| P3 | 32+49.8 | 34.5' LT | EXISTING MAST ARM TO REMAIN (WITH 2 EXISTING TRAFFIC SIGNAL HEADS FROM P3 AND 1 RELOCATED PEDESTRIAN SIGNAL HEAD FROM P3) | (EXISTING) |
| P4 | 32+68.4 | 50.0' LT | EXISTING POST TO BE REMOVED (WITH 2 EXISTING TRAFFIC SIGNAL HEADS RELOCATED TO P1) | (REMOVED) |

NOTE:
 THE INTERSECTION OF GOODWIN AVENUE AND GREEN STREET SHALL BE ALL-WAY STOP-CONTROLLED DURING THE CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNAL IMPROVEMENTS. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN TEMPORARY STOP SIGNS ON EACH QUADRANT OF THE INTERSECTION AND IN THE MEDIANS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL COMPLETE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

NOTE A:
 ALL ELECTRIC CABLE THAT PASSES THROUGH THE EXISTING TRAFFIC SIGNAL HANDHOLE ON THE SOUTHWEST QUADRANT OF THE INTERSECTION SHALL BE REMOVED, INCLUDING ALL SERVICE CABLE. SEE TRAFFIC SIGNAL GENERAL NOTE 12, THE CABLE DIAGRAM, AND THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

TRAFFIC SIGNAL LEGEND

- CONDUIT AUGERED
- CONDUIT IN TRENCH
- STEEL COMB. MAST ARM ASSEMBLY AND POLE 35' M.H., 12' LUM. ARM, 400W MH LUMINAIRE
- SIGNAL POST
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSH-BUTTON POST
- PEDESTRIAN PUSH-BUTTON
- CONTROLLER AND CABINET
- DETECTOR LOOP, TYPE I
- SERVICE INSTALLATION
- CONFIRMATION BEACON
- EMERGENCY VEHICLE PREEMPTION DETECTOR
- CONCRETE HANDHOLE
- CONCRETE DOUBLE HANDHOLE
- GULFBOX JUNCTION
- LIGHT POLE (SEE ROADWAY LIGHTING PLANS)
- JUNCTION BOX (SPECIAL) (SEE ROADWAY LIGHTING PLANS)
- ROADWAY LIGHTING CONDUIT (SEE ROADWAY LIGHTING PLANS)
- CONDUIT AUGERED (A) OR CONDUIT IN TRENCH (T)
- CONDUIT SIZE → 2" PE ← POLYETHYLENE DUCT (IF NOTED)

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

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GOODWIN AVENUE & GREEN STREET
 TRAFFIC SIGNAL PLANS
 TRAFFIC SIGNAL LAYOUT

SCALE: 1"=10' SHEET NO. 53 OF 75 SHEETS STA. TO STA.

| | | | | |
|---------------------|----------------|--------------------|--------------|-----------|
| F.A.D. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 7175 | 07-00456-00-RS | CHAMPAIGN | 75 | 53 |
| GOODWIN AVENUE | | CONTRACT NO. 91392 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |