



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
- ⊕ 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 LENGTH → 50'-T → CONDUIT AUGERED (A) OR CONDUIT IN TRENCH (T)
- CONDUIT SIZE → 2"PE → POLYETHYLENE DUCT (IF NOTED)

FILE NAME = p:\u0070052\plans\sheet\53-Signals-Green.dgn  
 PLOT DATE = 1/12/2009 7:47:04 PM

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

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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.U. 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		