

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	*	WILL	155	119
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 06-00046-00-PF				



EXISTING EQUIPMENT LEGEND

- EXISTING SIGNAL HEAD
- EXISTING SERVICE INSTALLATION
- EXISTING SIGNAL POST AND FOUNDATION
- EXISTING STEEL MAST ARM POLE AND FOUNDATION
- EXISTING CONTROLLER AND FOUNDATION
- EXISTING HANDHOLE
- EXISTING PEDESTRIAN SIGNAL HEAD
- EXISTING PEDESTRIAN PUSHBUTTON
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- EXISTING HEAVY-DUTY HANDHOLE
- EXISTING STEEL COMBINATION MAST ARM ASSEMBLY AND POLE AND FOUNDATION
- EXISTING VIDEO DETECTOR

TEMPORARY TRAFFIC SIGNAL LEGEND

- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- TEMPORARY VIDEO DETECTION SYSTEM
- PEDESTRIAN PUSHBUTTON DETECTOR
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- UNIT DUCT
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- HANDHOLE
- HEAVY DUTY HANDHOLE
- COMMON TRENCH
- TEMPORARY 10' MAST ARM WITH LUMINAIRE

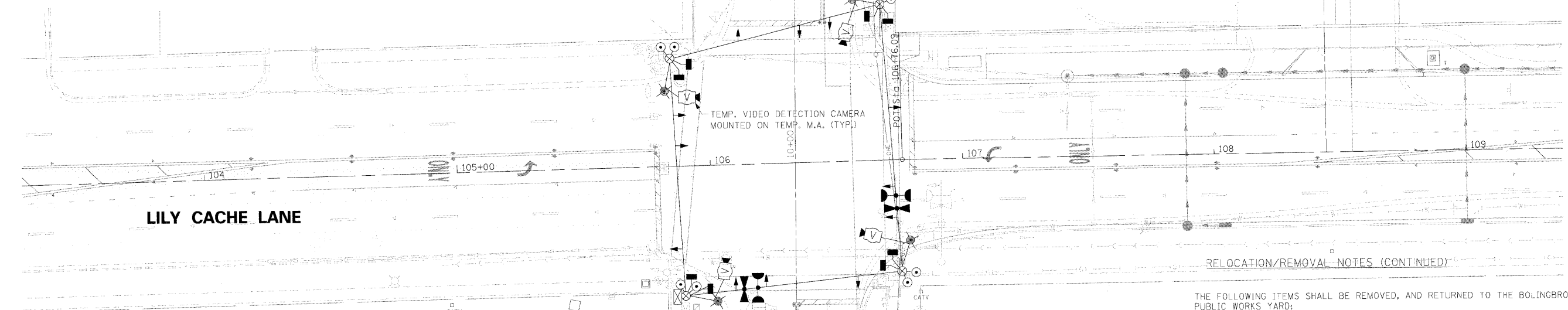
RESTORATION OF WORK AREA

RESTORATION OF TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

RELOCATION/REMOVAL NOTES

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL REMAIN IN PLACE FOR THE DURATION OF CONSTRUCTION. APPROPRIATE MEASURES SHALL BE TAKEN TO COVER THE EXISTING SIGNAL HEADS WHEN THEY ARE NOT IN OPERATION:

- NW COMBINATION MAST ARM ASSEMBLY AND POLE
- SIGNAL HEAD, 1-FACE, 5-SECTION FARTHEST FROM THE POLE ON NW MAST ARM
- ILLUMINATED STREET SIGN ON NW MAST ARM
- 2 PEDESTRIAN SIGNAL HEADS ON NW SIGNAL POST
- MAST ARM POST
- SIGNAL HEAD, 1-FACE, 3-SECTION ON SW SIGNAL POST
- SIGNAL HEAD, 1-FACE, 5-SECTION ON SW SIGNAL POST
- 2 PEDESTRIAN SIGNAL HEADS ON SW SIGNAL POST
- TRAFFIC CONTROLLER IN CABINET (COMPLETE)
- SW DOUBLE HANDHOLE
- NW HANDHOLE
- SE HANDHOLE
- SERVICE INSTALLATION



RELOCATION/REMOVAL NOTES (CONTINUED)

THE FOLLOWING ITEMS SHALL BE REMOVED, AND RETURNED TO THE BOLINGBROOK PUBLIC WORKS YARD:

- 2 EACH TRAFFIC SIGNAL POLE
- 4 EACH PEDESTRIAN SIGNAL HEADS
- 2 EACH SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
- 1 EACH SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
- 5 EACH SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED
- 4 EACH SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED

THE FOLLOWING ITEMS SHALL BE REMOVED, STORED AT A SECURE LOCATION, AND RE-USED IN THE FINAL TRAFFIC SIGNAL IMPLEMENTATION:

- 4 EACH EMERGENCY LIGHT DETECTOR WITH BEACON
- 1 EACH LIGHT DETECTOR AMPLIFIER
- 1 EACH RADIO ANTENNA
- 1 EACH GPS ANTENNA
- 3 EACH ILLUMINATED STREET SIGNS

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE:

- 5 EACH CONCRETE FOUNDATION
- 1 EACH HANDHOLE
- 1 EACH MAST ARM AND POLE ASSEMBLY
- 2 EACH COMBINATION MAST ARM AND POLE ASSEMBLY WITH LUMINAIRE

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PREFERENCE AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNALS SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE VILLAGE APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY THE VILLAGE OF BOLINGBROOK, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". 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 HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN

LILY CACHE LANE AT SCHMIDT ROAD

SCALE: 1"=20'

DATE: 03/31/2009

DRAWN BY: NMR

CHECKED BY: DJL

PLOT DATE = 4/7/2009
 PLOT SCALE = 1"=20'
 USER NAME = NJUSER19