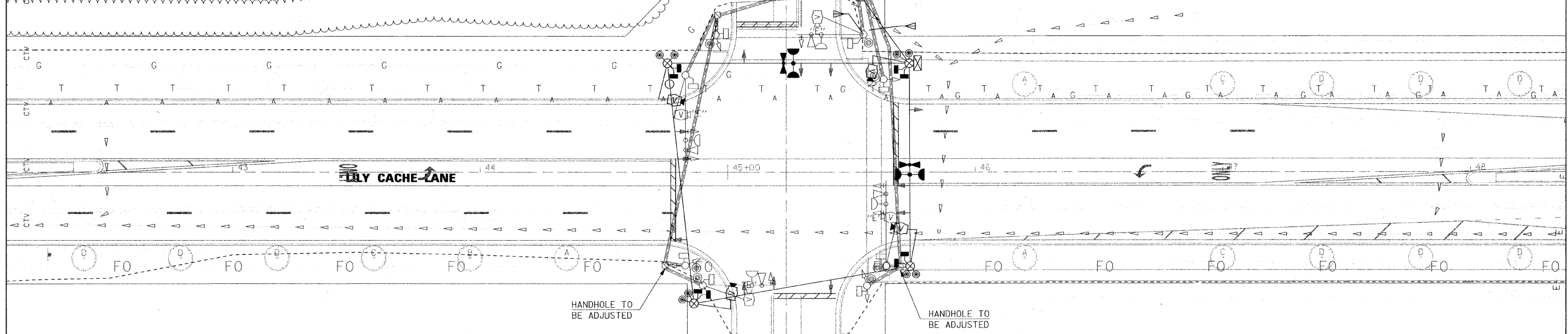
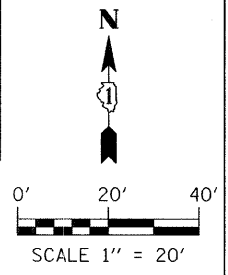


| EXISTING EQUIPMENT LEGEND | | TEMPORARY TRAFFIC SIGNAL LEGEND | |
|---------------------------|--|---------------------------------|--|
| ▷ | EXISTING SIGNAL HEAD | ◁ | TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION |
| ◻ | "E" EXISTING SERVICE INSTALLATION | ◁ | TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION |
| ○ | EXISTING SIGNAL POST AND FOUNDATION | ⊗ | TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM |
| ○ | EXISTING STEEL MAST ARM POLE AND FOUNDATION | ◻ | TEMPORARY CONTROLLER CABINET |
| ◻ | "E" EXISTING CONTROLLER AND FOUNDATION | — | TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE |
| ◻ | EXISTING HANDHOLE | ◻ | TEMPORARY SERVICE INSTALLATION |
| ◻ | EXISTING PEDESTRIAN SIGNAL HEAD | ◻ | TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED |
| ⊙ | EXISTING PEDESTRIAN PUSHBUTTON | ◻ | ANTENNA RADIO INTERCONNECT |
| ▷ | EMERGENCY VEHICLE LIGHT DETECTOR | ◻ | TEMPORARY VIDEO DETECTION SYSTEM |
| ▷ | CONFIRMATION BEACON | ◻ | PEDESTRIAN PUSHBUTTON DETECTOR |
| ◻ | "E" EXISTING HEAVY-DUTY HANDHOLE | ◻ | EMERGENCY VEHICLE LIGHT DETECTOR |
| ◻ | EXISTING STEEL COMBINATION MAST ARM ASSEMBLY AND POLE AND FOUNDATION | ◻ | CONFIRMATION BEACON |
| ◻ | "E" EXISTING VIDEO DETECTOR | ◻ | VEHICLE DETECTOR, INDUCTION LOOP |
| | | UD | UNIT DUCT |
| | | — | G.S. CONDUIT IN TRENCH (T) OR PUSHED (P) |
| | | ◻ | HANDHOLE |
| | | ◻ | HEAVY DUTY HANDHOLE |
| | | CT | 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:



NOTES FOR TEMPORARY TRAFFIC SIGNALS

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PREEMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNALS SHALL BE FURNISHED BY THE CONTRACTOR.
- 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.
- 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.
- 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.
- 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.
- TEMPORARY TRAFFIC SIGNAL PHASING SHALL MATCH EXISTING PHASING.

NOTE FOR STAGING
 SEE NEXT SHEET FOR PLACEMENT OF TEMPORARY SIGNAL HEADS FOR VARIOUS STAGES.

| BILL OF MATERIALS | | | |
|-------------------|---|-------|-----|
| PAY CODE | DESCRIPTION | UNIT | QTY |
| * 81400115 | HANDHOLE TO BE ADJUSTED | EACH | 2 |
| * 85000300 | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | L SUM | 1 |
| 89000100 | TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| * 20073510 | TEMPORARY TRAFFIC SIGNAL TIMING | EACH | 1 |