



NOTES FOR TEMPORARY TRAFFIC SIGNALS AND REMOVALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION, UNINTERRUPTABLE POWER SUPPLY, AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT 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 CITY, 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 LED 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. TEMPORARY TRAFFIC SIGNALS ARE SHOWN FOR STAGES 3, 4 AND 5. IF TEMPORARY SIGNALS ARE TURNED ON PRIOR TO STAGE 3 OR AFTER STAGE 5 THE TEMPORARY TRAFFIC SIGNALS SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS, AND CONTROLLER PHASING MATCH THE EXISTING OR PROPOSED TRAFFIC SIGNAL, RESPECTIVELY.
6. THE EXISTING TRAFFIC SIGNAL SYSTEM IS INTERCONNECTED WITH THE TRAFFIC SIGNALS AT THE INTERSECTION OF PEACE ROAD AND ILLINOIS ROUTE 38 VIA COPPER COMMUNICATION CABLE. THIS CABLE SHALL NOT BE SPLICED OR CUT AND SHALL BE REMOVED AND REINSTALLED IN NEW CONDUIT.
7. ALL SIGNAL EQUIPMENT IN GOOD CONDITION THAT IS SCHEDULED TO BE REMOVED SHALL BE SALVAGED AND DELIVERED TO THE CITY OF DeKALB STORAGE FACILITY AT 1510 STATE STREET.
8. THE TEMPORARY SIGNALS SHALL BE OPERATED USING PRE-TIMED PHASING. THE CONTRACTOR SHALL COORDINATE THE PHASING WITH THE CITY. TEMPORARY INTERCONNECTION WILL NOT BE REQUIRED.
9. DETECTOR LOOPS ON THE NORTH LEG OF THE INTERSECTION SHALL BE DISCONNECTED AND RECONNECTED ONCE PERMANENT SIGNALS ARE ESTABLISHED.
10. RELOCATING TRAFFIC SIGNAL HEADS SHALL INCLUDE RELOCATING TRAFFIC SIGNAL BACK PLATES.
11. ALL EXISTING TRAFFIC SIGNAL CABLE SHALL BE REMOVED FROM THE EXISTING CONDUIT PRIOR TO INSTALLATION OF THE NEW TRAFFIC SIGNAL CABLE.

NOTE:
ALL TEMPORARY TRAFFIC SIGNALS SHALL BE L.E.D. (LIGHT EMITTING DIODE).

RESTORATION OF WORK AREA; RESTORATION OF THE 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.

TEMPORARY TRAFFIC SIGNAL LEGEND

- ◄ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL CONSTRUCTION STAGES 3 AND 5
- ▲ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY CONSTRUCTION STAGE 4 ONLY
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ▣ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊕ TEMPORARY SERVICE INSTALLATION
- ⚡ EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - 1 EACH

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DELIVERED TO THE CITY PUBLIC WORKS FACILITY AT 1510 STATE STREET.

QUANTITY	UNIT	ITEM
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE - 28'
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE - 36'
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE - 30'
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE - 36'
1	EACH	TRAFFIC SIGNAL POST FERROUS - 16'
1	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED
1	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED
2	EACH	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTOCCELL CONTROL

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 LICENSE NO. 184-00101 - EXPIRES 4/30/2011
 23146B
 8/1/2010
 SURVEYOR'S RECORD: SURVEYOR WINGS, DENNIS, PH2 - SHEET IS 081068-TEMP-TS-PLAN.dgn



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**CITY OF DeKALB, ILLINOIS
PEACE ROAD
IMPROVEMENTS**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION
AND EXISTING TRAFFIC SIGNAL REMOVAL PLAN**

SCALE: 1"=20'

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	06-00172-00-WR	DeKALB	64	42
				CONTRACT NO. 87465
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-5017 (043)				