

TEMPORARY VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)

CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL PROVIDE TEMPORARY PEDESTRIAN SIGNALS AND PUSH BUTTONS BARREL MOUNTED WITH WOOD POSTS (MIN 6" x 6"). CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE POST(S) AND HEAD(S) TO ANY LOCATION REQUIRED TO MATCH THE CONSTRUCTION STAGING PLAN AND BE ACCESSIBLE TO PEDESTRIANS/EQUESTRIANS. RELOCATION OF POSTS, PEDESTRIAN SIGNALS, ETC. IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL.
- TEMPORARY PEDESTRIAN SIGNALS SHALL BE BAGGED UNTIL THE PROPOSED SIDEWALK IS INSTALLED IN PRE-FINAL STAGE. ACTIVATION OF TEMPORARY PEDESTRIAN SIGNALS IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNALS.
- ② LEFT-TURN ARROWS FOR RED GATE RD. SHALL BE BAGGED AND WILL NOT BE ACTIVATED UNTIL THE PRE-FINAL STAGE (EAST LEG OPEN TO TRAFFIC.) ACTIVATION IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL.
- ③ EVP FOR WESTBOUND RED GATE RD. SHALL NOT BE ACTIVATED UNTIL THE PRE-FINAL STAGE (EAST LEG OPEN TO TRAFFIC.) ACTIVATION IS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL.

NOTE

PRE-STAGE, STAGE 1 AND STAGE 2 CONSIST OF ADJUSTMENT TO TRAFFIC SIGNAL HEADS TO REFLECT CHANGES IN LANE POSITION REQUIRED FOR MAINTENANCE OF TRAFFIC. TRAFFIC SIGNAL PHASING REMAINS THE SAME IN THE PRE-STAGE, STAGE 1 AND 2.

SEE MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL DETAILS. LOCATIONS SHOWN ON TEMPORARY TRAFFIC SIGNALS FOR REFERENCE ONLY.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

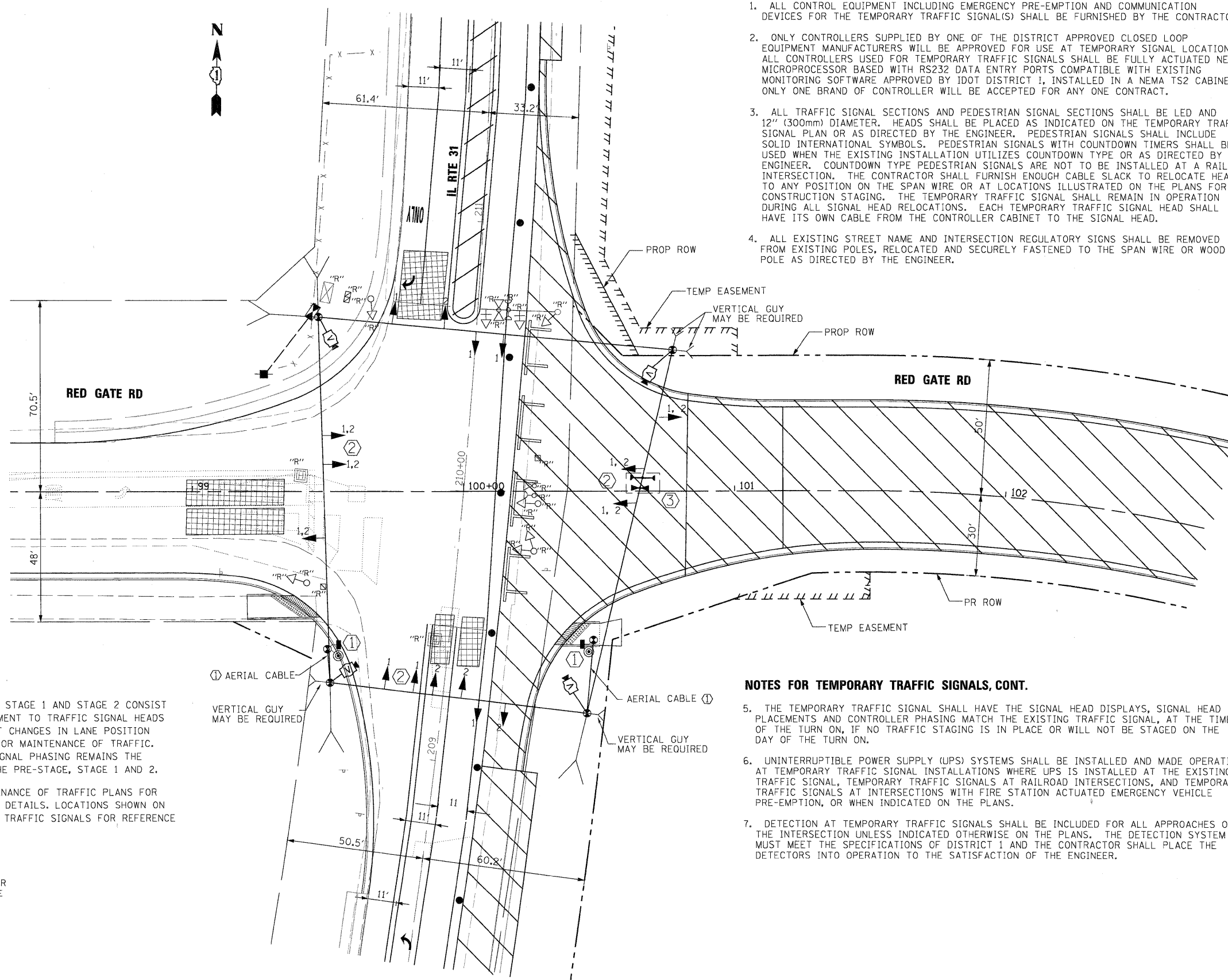
- 1 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 5 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 2 EACH EMERGENCY VEHICLE PREEMPTION
- 2 EACH MAST ARM ASSEMBLIES
- 1 EACH 5-SECTION MAST ARM MOUNT
- 3 EACH 3-SECTION MAST ARM MOUNT
- 4 EACH SIGNAL POST
- 1 EACH SERVICE INSTALLATION
- 1 EACH CONTROLLER AND CABINET, COMPLETE
- 4 EACH BACKPLATE

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION 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 IDOT DISTRICT 1, INSTALLED IN A NEMA 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 AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. 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 SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.

NOTES FOR TEMPORARY TRAFFIC SIGNALS, CONT.

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.
6. UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
7. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.



TEMPORARY TRAFFIC SIGNAL AND REMOVAL PLAN
PRE-STAGE, STAGES 1 & 2

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CITY OF ST. CHARLES

TEMPORARY TRAFFIC SIGNAL PLAN IL 31 AT RED GATE RD
PRE-STAGE, STAGES 1 & 2

SCALE: SHEET NO. 3 OF 12 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	189
			CONTRACT NO. 63650	
ILLINOIS FED. AID PROJECT				