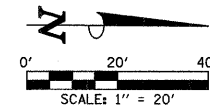


TEMPORARY TRAFFIC SIGNAL NOTES

1. THE CONTRACTOR SHALL USE THE EXISTING TRAFFIC SIGNAL CONTROLLER FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. ANY ADDITIONAL CONTROL EQUIPMENT FOR THE TEMPORARY TRAFFIC SIGNALS SHALL BE FURNISHED BY THE CONTRACTOR.
2. THE TEMPORARY SIGNALS SHALL BE FULLY INSTALLED AND OPERATIONAL PRIOR TO THE EXISTING SIGNALS BEING DISCONNECTED. THE PROPOSED SIGNAL INSTALLATION SHALL BE INSTALLED AND OPERATIONAL BEFORE THE TEMPORARY INSTALLATION IS DISCONNECTED.
3. THE PROPOSED TEMPORARY TRAFFIC SIGNALS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD 880001 AND SECTION 890 OF THE STANDARD SPECIFICATIONS.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WOOD POLES OF SUFFICIENT LENGTH TO MAINTAIN THE CLEARANCE REQUIREMENTS SHOWN IN STANDARD 880001.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WOOD POLES OF THE CLASS REQUIRED TO SUPPORT THE TEMPORARY TRAFFIC SIGNAL INSTALLATION IN ACCORDANCE WITH STANDARD 880001 AND SECTION 890 OF THE STANDARD SPECIFICATIONS.
6. ALL HARDWARE NECESSARY TO INSTALL THE SPAN WIRE, SIGNAL HEADS, WOOD POLES, GUY WIRES, AND ANY OTHER ITEM NECESSARY FOR THE COMPLETE INSTALLATION OF THE TEMPORARY TRAFFIC SIGNALS SHALL BE PROVIDED BY THE CONTRACTOR.
7. THE EXISTING CONTROLLER USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE CAPABLE OF ACCOMMODATING 8 VEHICLE PHASES AND 4 PEDESTRIAN PHASES AND SHALL BE CAPABLE OF SUPPLYING 255 SECONDS OF CYCLE LENGTH WITH INDIVIDUAL PHASE LENGTH SETTINGS UP TO 99 SECONDS.
8. ALL TEMPORARY SIGNAL FACES SHALL HAVE 12" LENSES. THE TEMPORARY SIGNAL 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 EACH TEMPORARY SIGNAL HEAD TO ANY POSITION ON ITS SPAN WIRE OR MAST ARM.
9. THE EXISTING MAST ARM MOUNTED SIGNAL HEADS ON THE NORTHWEST, SOUTHEAST AND SOUTHWEST QUADRANTS SHALL BE USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.
10. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING LOCATIONS AND RELOCATED AND SECURELY FASTENED TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.
11. THE PROPOSED SIGNAL TIMINGS FOR THE TEMPORARY CONTROLLER WILL BE PROVIDED BY THE CITY OF CHAMPAIGN. THE TEMPORARY TRAFFIC SIGNAL SYSTEM SHALL BE PRE-TIMED.
12. ALL LABOR AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE ITEMS AND QUANTITIES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
13. NO ADDITIONAL PAYMENT SHALL BE MADE FOR ANY DELAYS OR SIGNAL HEAD RELOCATIONS RESULTING FROM UTILITY RELOCATIONS, CHANGES IN STAGING, REMOVAL OF EXISTING SIGNALS, OR INSTALLATION OF PROPOSED SIGNALS.
14. TEMPORARY TRAFFIC SIGNAL HEADS OPERATING TOGETHER IN THE SAME PHASE SHALL BE COMBINED ON SINGLE CABLE. SPLICES FOR COMBINED MAST ARM MOUNTED OR SPAN WIRE MOUNTED SIGNAL HEADS SHALL BE MADE AT THE RESPECTIVE TRAFFIC SIGNAL HEAD LOCATION. SEE THE TEMPORARY CABLE DIAGRAM FOR ADDITIONAL INFORMATION.
15. THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE GROUNDED. THE CONTRACTOR SHALL FURNISH AND INSTALL A GROUNDING WIRE TO BOND THE EXISTING TRAFFIC SIGNAL EQUIPMENT THAT IS PROPOSED TO BE UTILIZED IN THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE COST OF GROUNDING THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

ANY EXISTING OR PROPOSED TRAFFIC SIGNAL HEAD AND/OR PEDESTRIAN SIGNAL HEAD THAT CONFLICTS WITH PROPOSED STAGE CONSTRUCTION OPERATIONS SHALL BE BAGGED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN VARIOUS CONTRACT PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

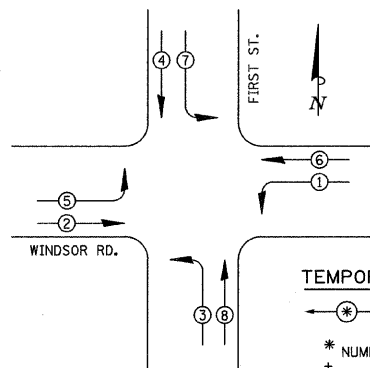


TEMPORARY TRAFFIC SIGNAL LEGEND

- MA ← EXISTING TRAFFIC SIGNAL HEAD, MAST ARM MOUNTED (TO BE USED FOR THE TEMPORARY TRAFFIC SIGNALS)
- S ← TEMPORARY TRAFFIC SIGNAL HEAD, SPAN WIRE MOUNTED
- TEMPORARY WOOD POLE
- TEMPORARY SPAN WIRE, TETHER WIRE, AND SIGNAL CABLE (SEE PLANS)
- TEMPORARY GUY WIRE
- ☒ EXISTING/TEMPORARY CONTROLLER CABINET
- ☐ EXISTING/TEMPORARY SERVICE INSTALLATION

POST AND MAST ARM DATA				
NO.	STATION	OFFSET	DESCRIPTION	
P1	--	--	EXISTING STEEL MAST ARM ASSEMBLY AND POLE	
P3	--	--	EXISTING STEEL MAST ARM ASSEMBLY AND POLE	
P12	--	--	EXISTING STEEL MAST ARM ASSEMBLY AND POLE	
P14	--	--	EXISTING TRAFFIC SIGNAL POST *	
T1	99+31	73' RT.	TEMPORARY WOOD POLE (APPROX. LOCATION)	
T2	100+65	51' RT.	TEMPORARY WOOD POLE (APPROX. LOCATION)	
T3	100+31	70' LT.	TEMPORARY WOOD POLE (APPROX. LOCATION)	
T4	99+21	43' LT.	TEMPORARY WOOD POLE (APPROX. LOCATION)	

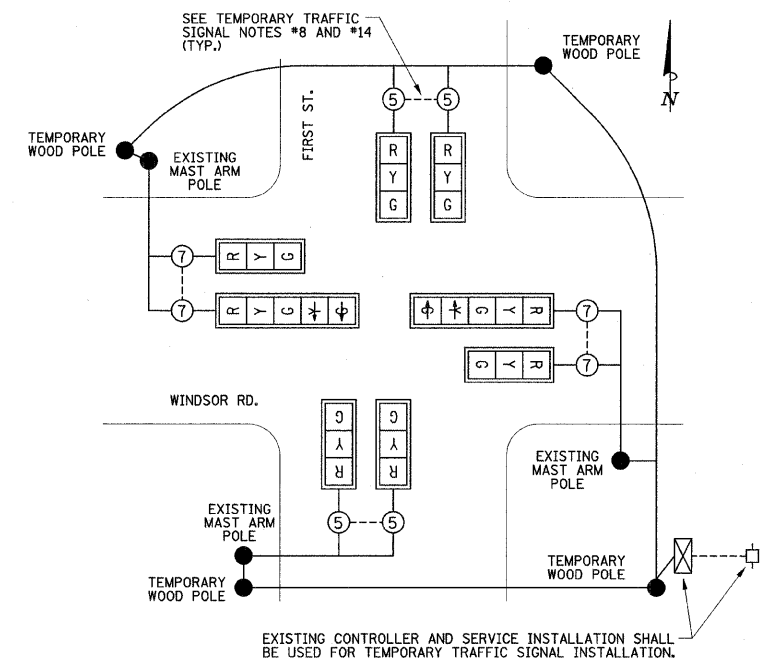
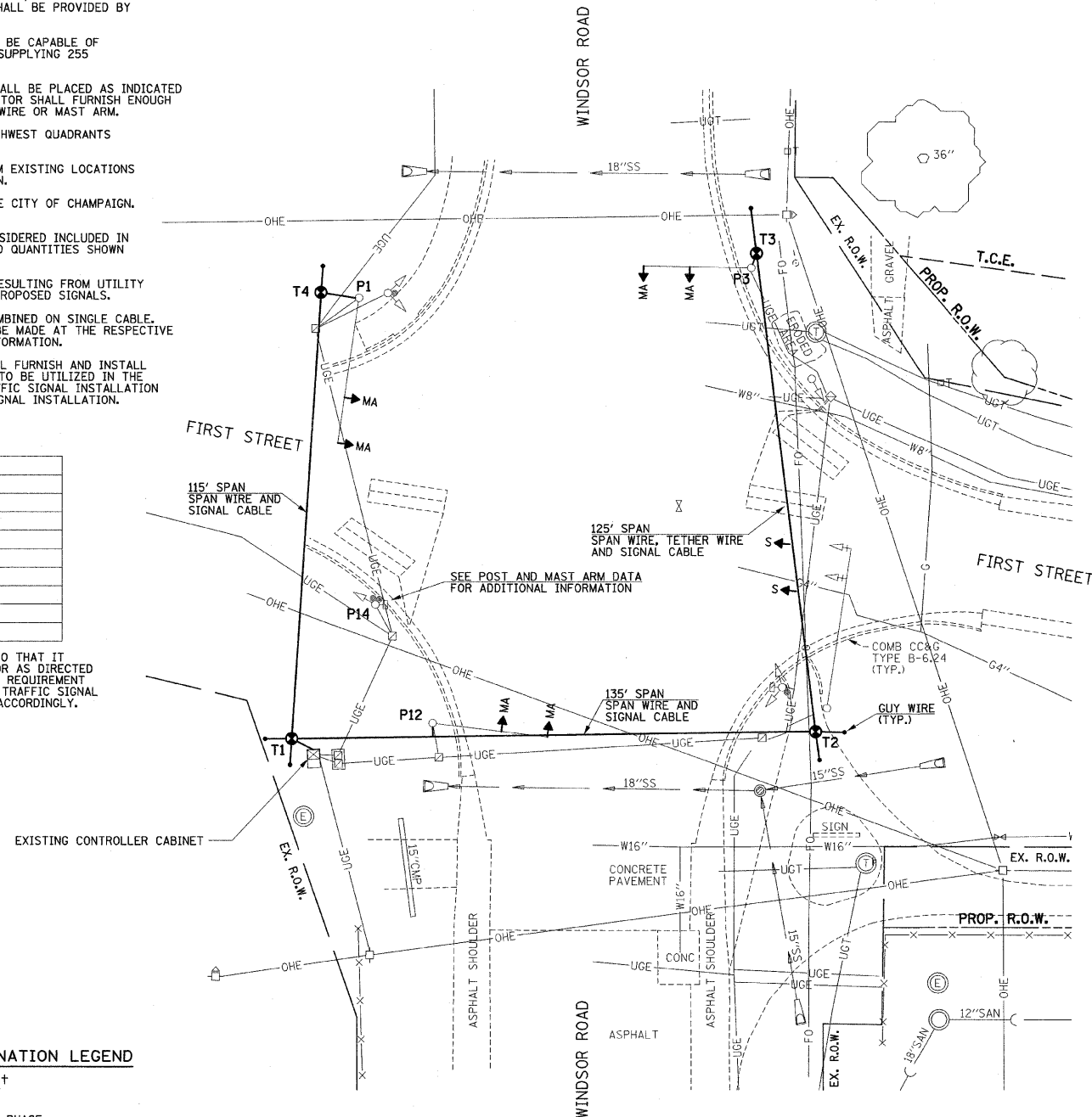
* EXISTING NORTHBOUND (NEAR RIGHT) TRAFFIC SIGNAL HEAD SHALL BE ROTATED SO THAT IT CAN BE UTILIZED AS A SOUTHBOUND (FAR LEFT) DURING STAGE II (SEE PLANS) OR AS DIRECTED BY THE ENGINEER. ALL LABOR AND MATERIALS REQUIRED TO COMPLY WITH THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE CONTRACTOR SHALL COORDINATE PROPOSED IMPROVEMENTS ACCORDINGLY.



TEMPORARY PHASE DESIGNATION LEGEND

- ① VEHICLE ENTRY PHASE†
- * NUMBER REFERS TO ASSOCIATED PHASE
- † WINDSOR ROAD SHALL BE SPLIT PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM



LEGEND

- ☒ EXISTING/TEMPORARY CONTROLLER CABINET
- ☒ EXISTING/TEMPORARY TRAFFIC SIGNAL FACE WITH BACKPLATE
- ☐ EXISTING/TEMPORARY SERVICE INSTALLATION
- ⑤ NUMBER OF CONDUCTORS IN CABLE
- ALL CABLE #14 EXCEPT AS INDICATED

TEMPORARY CABLE DIAGRAM

NO SCALE

FILE NAME =
P:\00010461\Plans\sheet\firstsignals.dgn
PLOT DATE =
2/9/2009 9:01:39 AM

DESIGNED - S.M.W.
DRAWN - S.M.W.
CHECKED - J.A.J.
DATE - 2-09

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN

SCALE: 1"=20' SHEET NO. 29 OF 44 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7170	08-00277-00-PV	CHAMPAIGN	44	29
CONTRACT NO. 91397				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT HD-5181 (044)				