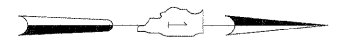


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	273
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (105X & 106) WRS-2



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 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. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. 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.

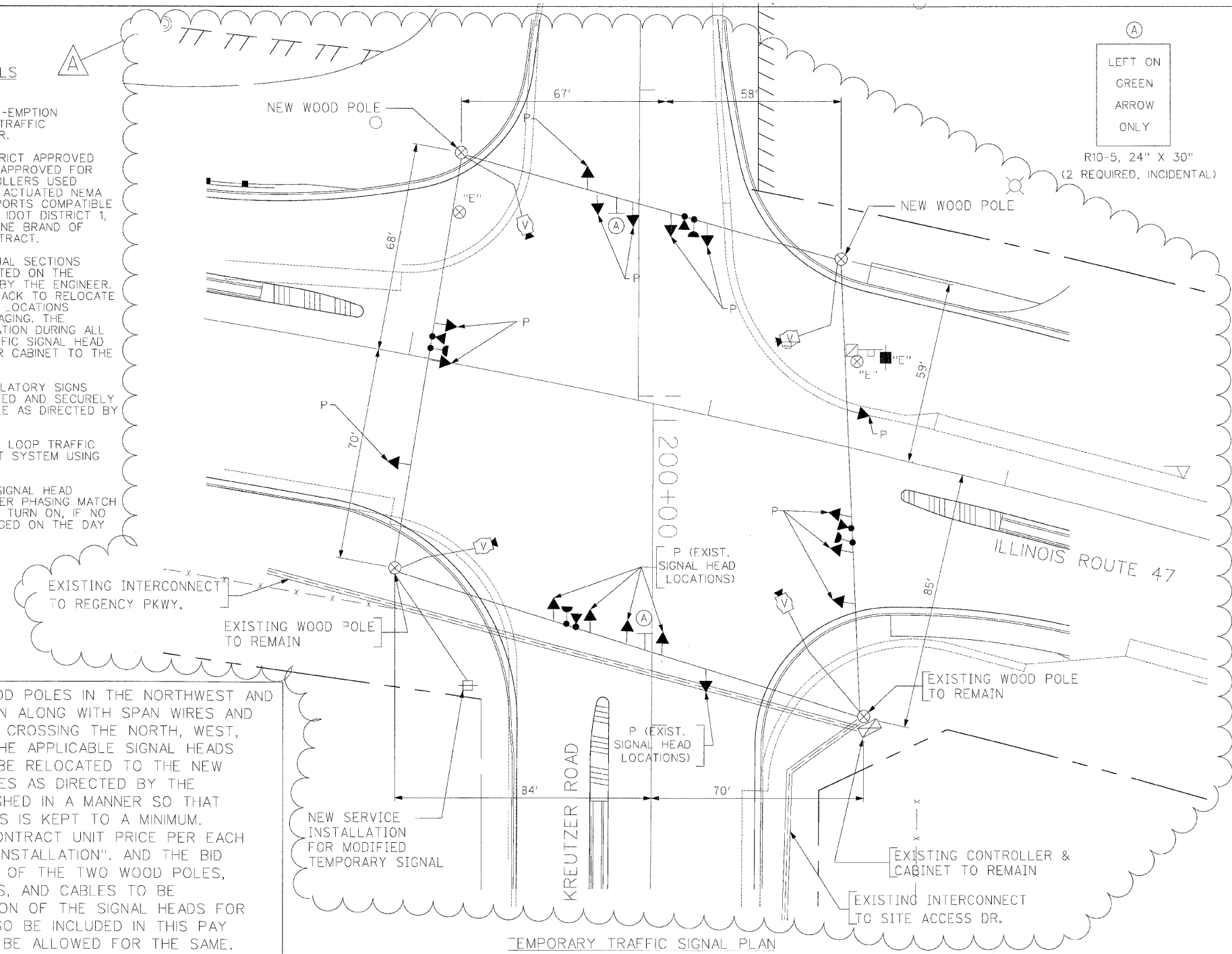
THE CONTRACTOR SHALL INSTALL NEW WOOD POLES IN THE NORTHWEST AND SOUTHWEST CORNERS OF THE INTERSECTION ALONG WITH SPAN WIRES AND TETHER WIRES BETWEEN THE WOOD POLES CROSSING THE NORTH, WEST, AND SOUTH LEGS OF THE INTERSECTION. THE APPLICABLE SIGNAL HEADS AND VIDEO DETECTION EQUIPMENTS SHALL BE RELOCATED TO THE NEW SPANS AND CONNECTED TO THE NEW CABLES AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE ACCOMPLISHED IN A MANNER SO THAT THE INTERRUPTION OF THE SIGNAL SERVICES IS KEPT TO A MINIMUM. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION". AND THE BID PRICE SHALL INCLUDE THE SALVAGE VALUE OF THE TWO WOOD POLES, APPLICABLE SPAN WIRES AND TETHER WIRES, AND CABLES TO BE REMOVED. THE MODIFICATION AND RELOCATION OF THE SIGNAL HEADS FOR VARIOUS CONSTRUCTION STAGES SHALL ALSO BE INCLUDED IN THIS PAY ITEM AND NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE SAME.

AFTER THE ILLINOIS ROUTE 47 CONSTRUCTION IS OVER, THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY:

VILLAGE OF HUNTLEY		
CONTACT INFORMATION:		
MR. WILLIAM GEEGAN		
VILLAGE OF HUNTLEY		
ENGINEERING DEPARTMENT		
PHONE: (847) 515-5210		
4	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

- CONSTRUCTION NOTES:**
- NOTE 1: ALL THE VIDEO DETECTION ZONES SHALL BE REDEFINED FOR EACH CONSTRUCTION STAGE. THIS WORK IS INCIDENTAL TO THE PAY ITEM "MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION".
- NOTE 2: THE ORIGINAL SIGNAL HEAD PLACEMENT FOR ALL APPROACHES OF THE INTERSECTION IS FOR EXISTING PAVEMENT GEOMETRICS (P). ADDITIONAL CONSTRUCTION STAGES, WHERE ORIGINAL SIGNAL HEAD PLACEMENT IS UTILIZED, ARE SHOWN WITH S1 THROUGH S2B FOR CONSTRUCTION STAGE S1 THROUGH CONSTRUCTION STAGE 2B.
- NOTE 3: THE SECONDARY SIGNAL HEAD PLACEMENT IS FOR CONSTRUCTION STAGES AS MARKED, NEXT TO THE SIGNAL HEAD, FOR APPLICABLE CONSTRUCTION STAGES FOR INDIVIDUAL APPROACH OF THE INTERSECTION.



(A)
LEFT ON
GREEN
ARROW
ONLY
R10-5, 24" X 30"
(2 REQUIRED, INCIDENTAL)

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 (13.7m) MINIMUM
- ⊠ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊞ TEMPORARY SERVICE INSTALLATION
- ⊞ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊞ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊞ CONFIRMATION BEACON
- CT COMMON TRENCH
- UD UNIT DUCT
- G.S. CONDUIT IN GROUND
- ⊞ HANDHOLE
- ⊞ HEAVY DUTY HANDHOLE
- ⊞ VIDEO CAMERA ASSEMBLY

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ← EXISTING SIGNAL TO BE REMOVED
- ⊞ "E" EXISTING SERVICE INSTALLATION TO BE REMOVED
- ⊞ EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊞ "E" EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- ⊞ "E" EXISTING HANDHOLE TO BE REMOVED
- ⊞ "E" EXISTING DOUBLE HANDHOLE TO BE REMOVED
- ⊞ PEDESTRIAN SIGNAL TO BE REMOVED
- ⊞ EXISTING PEDESTRIAN PUSH-BUTTON TO BE REMOVED
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- ⊞ CONFIRMATION BEACON TO BE REMOVED
- ⊞ "E" EXISTING HEAVY DUTY HANDHOLE TO BE REMOVED
- ⊞ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊞ "E" EXISTING TEMPORARY WOOD POLE (CLASS 5 OR BETTER) TO BE REMOVED

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

TEMPORARY TRAFFIC SIGNAL PLAN

STAGES: PRE-STAGE.

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5900

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/2009

ILLINOIS DEPARTMENT OF TRANSPORTATION
MODIFY TEMPORARY TRAFFIC SIGNAL
INSTALLATION AND REMOVAL PLAN ILLINOIS
ROUTE 47 AT KREUTZER ROAD PRE STAGE
(SHEET 1 OF 7)

SCALE: 1"=20'
DATE: APRIL 17, 2009
DRAWN BY: MAA
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM