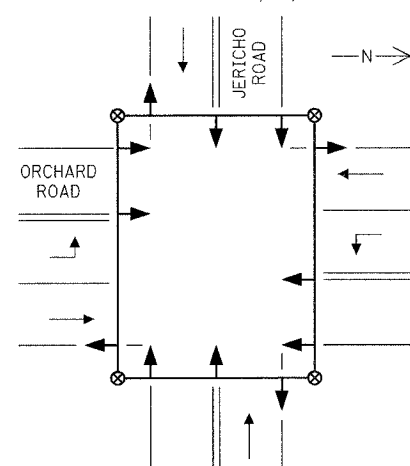


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-00-WR	KANE	97	56
STA.	TO STA.		FED. AID PROJECT	
			CONTRACT NO.: 83738	

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ◁ EXISTING TEMPORARY SIGNAL HEAD TO BE REMOVED
- "E" □ EXISTING TEMPORARY SERVICE INSTALLATION TO BE REMOVED
- "E" ⊗ EXISTING TEMPORARY CONTROLLER AND FOUNDATION TO BE REMOVED
- ⊗ EXISTING TEMPORARY WOOD POLE TO BE REMOVED

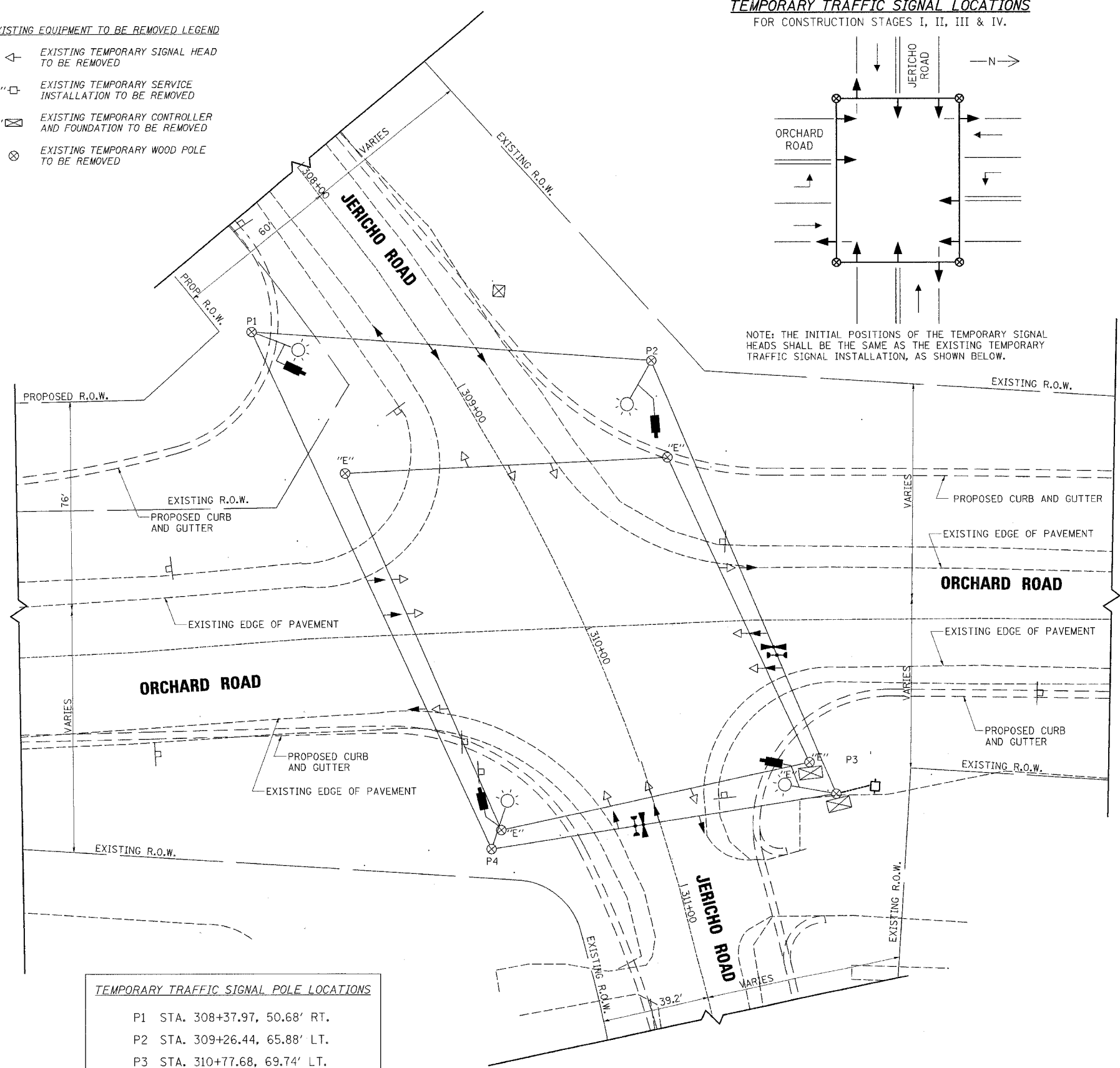
TEMPORARY TRAFFIC SIGNAL LOCATIONS
FOR CONSTRUCTION STAGES I, II, III & IV.



NOTE: THE INITIAL POSITIONS OF THE TEMPORARY SIGNAL HEADS SHALL BE THE SAME AS THE EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION, AS SHOWN BELOW.

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT FOR THE TEMPORARY TRAFFIC SIGNAL SHALL BE FURNISHED BY THE CONTRACTOR UNLESS OTHERWISE STATED IN THE PLANS.
2. CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED, CAPABLE OF SUPPLYING 255 SECONDS OF CYCLE LENGTH AND INDIVIDUAL PHASE LENGTH SETTINGS UP TO 99 SECONDS.
3. A DIGITAL TIME BASE COORDINATING UNIT SHALL BE SUPPLIED WITH EACH TEMPORARY TRAFFIC SIGNAL. COMPATIBLE TIME BASE COORDINATING UNITS SHALL BE SUPPLIED UPON REQUEST TO MATCH ADJACENT SYSTEMS OR ON PROJECTS CONTAINING MULTIPLE SIGNAL INSTALLATIONS. THE CONTROLLER SETTINGS SHALL BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.
4. ALL TRAFFIC SIGNAL SECTIONS SHALL BE 12 INCHES. THE TEMPORARY TRAFFIC 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 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.
5. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED, AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE.
6. ALL LABOR AND MATERIAL TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE BID PRICE OF "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
7. TEMPORARY VIDEO DETECTION SYSTEM AND TEMPORARY LIGHTING SHALL BE CONSIDERED AS PART OF THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
8. CONTRACTOR TO VERIFY LOCATION AND DIRECTION OF MAST ARMS AND CAMERAS.
9. THE VIDEO VEHICLE DETECTION SYSTEM USED IN THE TEMPORARY SIGNAL SHALL BE RELOCATED TO THE PERMANENT SIGNAL WHEN THE PERMANENT SIGNAL IS INSTALLED AND READY. THE COST OF RELOCATING THE VIDEO VEHICLE DETECTION SYSTEM SHALL BE INCLUDED IN THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".
10. ALL EMERGENCY VEHICLE PREEMPTION EQUIPMENT (LIGHT DETECTORS, LIGHT DETECTOR AMPLIFIER, ETC.) AS SHOWN ON THE TEMPORARY TRAFFIC SIGNAL PLANS SHALL BE PROVIDED BY THE CONTRACTOR.



TEMPORARY TRAFFIC SIGNAL LEGEND

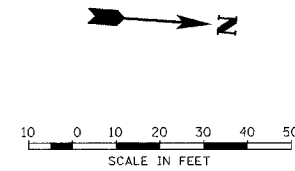
- ◁ TEMPORARY TRAFFIC SIGNAL HEAD, SPAN WIRE MOUNTED, ORIGINAL LOCATION.
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
- ⊗ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SERVICE INSTALLATION
- ☉ TEMPORARY LUMINAIRE WITH PHOTOCELL (400 WATT, MC-III) AND 15' MAST ARM, 40' MOUNTING HEIGHT
- IMAGE SENSOR
- TEMPORARY AERIAL SERVICE
- ◁ EMERGENCY VEHICLE LIGHT DETECTOR
- ◁ CONFIRMATION BEACON

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE COUNTY AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE COUNTY'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- 1 EACH TRAFFIC SIGNAL CONTROLLER

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.

- 4 EACH TEMPORARY WOOD POLE AND ACCESSORIES
- 12 EACH TEMPORARY TRAFFIC SIGNAL HEAD
- 1 EACH TEMPORARY CONTROLLER CABINET
- 1 EACH TEMPORARY SPAN WIRE, TETHER WIRE, CABLE AND ACCESSORIES



TEMPORARY TRAFFIC SIGNAL POLE LOCATIONS

P1	STA. 308+37.97, 50.68' RT.
P2	STA. 309+26.44, 65.88' LT.
P3	STA. 310+77.68, 69.74' LT.
P4	STA. 310+63.19, 61.73' RT.

<p>Excellence through Ownership</p> <p>200 West Front Street Wheaton, IL 60187</p>	<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		NAME	DATE									<p>ILLINOIS DEPARTMENT OF TRANSPORTATION KANE COUNTY DIVISION OF TRANSPORTATION ORCHARD ROAD RECONSTRUCTION TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN ORCHARD ROAD AND JERICO ROAD</p> <p>SCALE: 1"=20' DATE: 11/04/05</p> <p>DRAWN BY: JMC CHECKED BY: SPF</p>
	NAME	DATE											

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