

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- EXISTING TRAFFIC SIGNAL HEAD TO BE REMOVED
- EXISTING TRAFFIC SIGNAL HEAD WITH BACK PLATE TO BE REMOVED
- EXISTING SERVICE INSTALLATION TO BE REMOVED
- EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED
- EXISTING STEEL COMBINATION ASSEMBLY, POLE AND FOUNDATION TO BE REMOVED
- EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- EXISTING HANDHOLE TO BE REMOVED
- EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
- EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
- EXISTING PEDESTRIAN PUSH BUTTON TO BE REMOVED
- EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- CONFIRMATION BEACON TO BE REMOVED
- EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
- EXISTING SPAN WIRE, TETHER WIRE, AND CABLE TO BE REMOVED

TEMPORARY TRAFFIC SIGNAL LEGEND

- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- PEDESTRIAN PUSH BUTTON DETECTOR
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY LUMINARE AND MAST (MOUNTED ON WOOD POLE)
- IMAGE SENSOR
- DOME PAN/TILT/ZOOM (PTZ) CAMERA

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH 1

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 YARD AS PER THE TRAFFIC SIGNAL SPECIFICATIONS OR AS DIRECTED BY THE COUNTY TRAFFIC ENGINEER.

- LAKE COUNTY DIVISION OF TRANSPORTATION
- 1 EACH CONTROLLER AND CABINET COMPLETE
 - 1 EACH LIGHT DETECTOR
 - 1 EACH LIGHT DETECTOR AMPLIFIER
 - 8 EACH 1-FACE 3-SECTION SIGNAL HEAD
 - 2 EACH 1-FACE 5-SECTION SIGNAL HEAD
 - 2 EACH TRAFFIC SIGNAL BACKPLATE

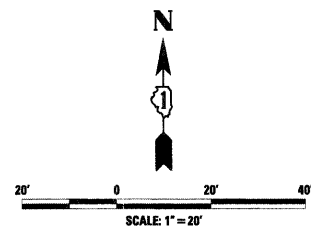
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 2 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 4 EACH TRAFFIC SIGNAL POST
- 1 EACH SERVICE INSTALLATION

NOTES FOR TEMPORARY TRAFFIC SIGNALS

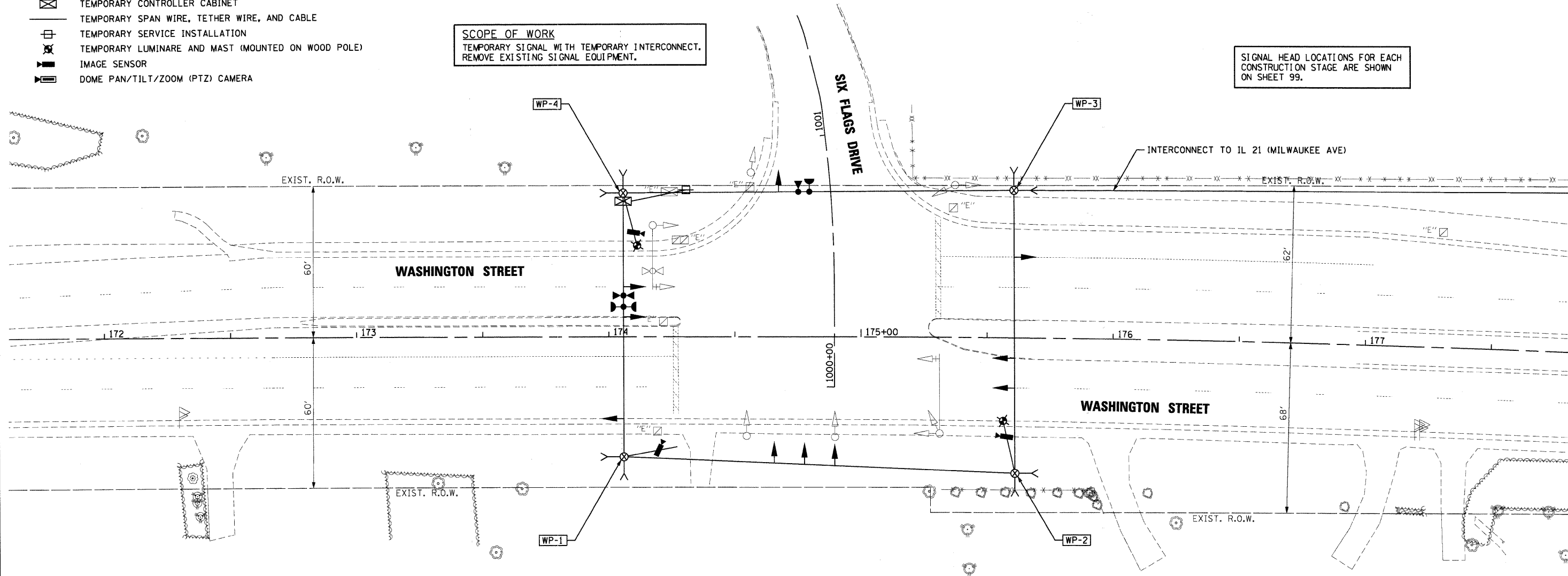
1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY ECONOLITE CONTROLLERS SUPPLIED BY ONE OF THE COUNTY APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL 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 COUNTY, INSTALLED IN A NEMA TS1 OR TS2 CABINET.
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 BRANDCONTROL 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.
8. THE DETECTION ZONES SHALL BE DETERMINED AND LAID OUT BY LAKE COUNTY DIVISION OF TRANSPORTATION PERSONNEL.

STRUCTURE	STATION	OFFSET	POSSIBLE UTILITY CONFLICTS
WP-1	174+06	48' RT	NONE
WP-2	175+61	54' RT	GAS
WP-3	175+60	59' LT	WATERMAIN, COMED/COMCAST/SBC AERIAL
WP-4	174+06	57' LT	COMED/COMCAST/SBC AERIAL
SPAN WIRE			EXIST. OVERHEAD LINES



SCOPE OF WORK
TEMPORARY SIGNAL WITH TEMPORARY INTERCONNECT.
REMOVE EXISTING SIGNAL EQUIPMENT.

SIGNAL HEAD LOCATIONS FOR EACH CONSTRUCTION STAGE ARE SHOWN ON SHEET 99.



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<p>CMT CRAWFORD, MURPHY & TULLY, INC. CONSULTING ENGINEERS License No. 184-00063</p>	USER NAME = Monica Crivion	DESIGNED - CMC	REVISED -	<p>LakeCounty Division of Transportation</p>	<p>WASHINGTON STREET - TEMPORARY SIGNAL PLAN WASHINGTON STREET AT SIX FLAGS DRIVE</p>			F.A. RTE. 1016	SECTION 02-00110-12-WR	COUNTY LAKE	TOTAL SHEETS 206	SHEET NO. 98
	PLOT SCALE = 20,0000 "/> IN.	CHECKED - KDN	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 63209				
	PLOT DATE = 07/15/09	DATE - 07/15/09	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							