

**SCHEDULE OF QUANTITIES**  
 U.S. 6 - U.S. 30 (JEFFERSON ST) AT RICHARDS STREET  
 AND RICHARDS STREET AT WASHINGTON

NO.	QUANT.	UNIT	DESCRIPTION
1.	2	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2.	1	EACH	MODIFY EXISTING CONTROLLER CABINET
3.	1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL

MOVEMENT	EXISTING SEQUENCE OF OPERATIONS																											
	1				2				3				4															
MOVEMENT	FLASH																											
PHASE	FLASH																											
INTERVAL	1	2A	2B	3A	3B	4A	4B	5	6	7A	7B	8A	8B	9	10	11A	11B	12A	12B	13	14	15A	15B	16A	16B	17A	17B	
CHANGE TO	2				3				4				1					2				3						
JEFFERSON ST. E/B SIGNALS AT HERKIMER ST.	G	Y	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
JEFFERSON ST. W/B FAR RIGHT SIGNAL AT HERKIMER ST.	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	Y	R	Y	R
JEFFERSON ST. W/B MAST ARM & FAR LEFT SIGNALS AT HERKIMER ST.	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	Y	R	Y	R
HERKIMER ST. S/B SIGNALS AT JEFFERSON ST.	R	R	R	R	R	R	R	G	G	Y	R	G	G	G	G	Y	R	G	G	R	R	R	R	R	R	R	R	
HERKIMER ST. N/B SIGNALS AT JEFFERSON ST.	R	R	R	R	R	R	R	G	G	Y	R	G	G	G	G	Y	R	G	G	R	R	R	R	R	R	R	R	
RICHARD ST. S/B FAR RIGHT & MID MAST ARM SIGNALS AT WASHINGTON ST.	G	Y	R	Y	R	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	Y	R
RICHARD ST. S/B FAR LEFT & END MAST ARM SIGNALS AT WASHINGTON ST.	G	Y	R	Y	R	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	Y	R
RICHARD ST. N/B FAR RIGHT & MID MAST ARM SIGNALS AT WASHINGTON ST.	R	R	R	R	R	R	R	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
RICHARD ST. N/B FAR LEFT & END MAST ARM SIGNALS AT WASHINGTON ST.	R	R	R	R	R	R	R	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
WASHINGTON ST. E/B SIGNALS AT RICHARD ST.	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R
WASHINGTON ST. W/B FAR RIGHT & MID MAST ARM SIGNALS AT RICHARD ST.	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R
WASHINGTON ST. W/B FAR LEFT & END MAST ARM SIGNALS AT RICHARD ST.	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R
PEDESTRIAN SIGNALS CROSSING EAST LEG OF WASHINGTON ST. AT RICHARD ST.	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING WEST LEG OF WASHINGTON ST. AT RICHARD ST.	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING SOUTH LEG OF RICHARD ST. AT WASHINGTON ST.	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING EAST LEG OF JEFFERSON ST. AT HERKIMER ST.	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING WEST LEG OF JEFFERSON ST. AT HERKIMER ST.	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING NORTH OF HERKIMER ST. AT JEFFERSON ST.	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	DARK

\* TO APPEAR ONLY UPON PUSH BUTTON ACTUATION  
 \*\* FLASHING HAND IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE  
 P = PERSON  
 FH = FLASHING HAND INTERVAL  
 H = HAND

**IMPORTANT NOTE:**  
 CHART SEQUENCES ARE FOR INFORMATION ONLY

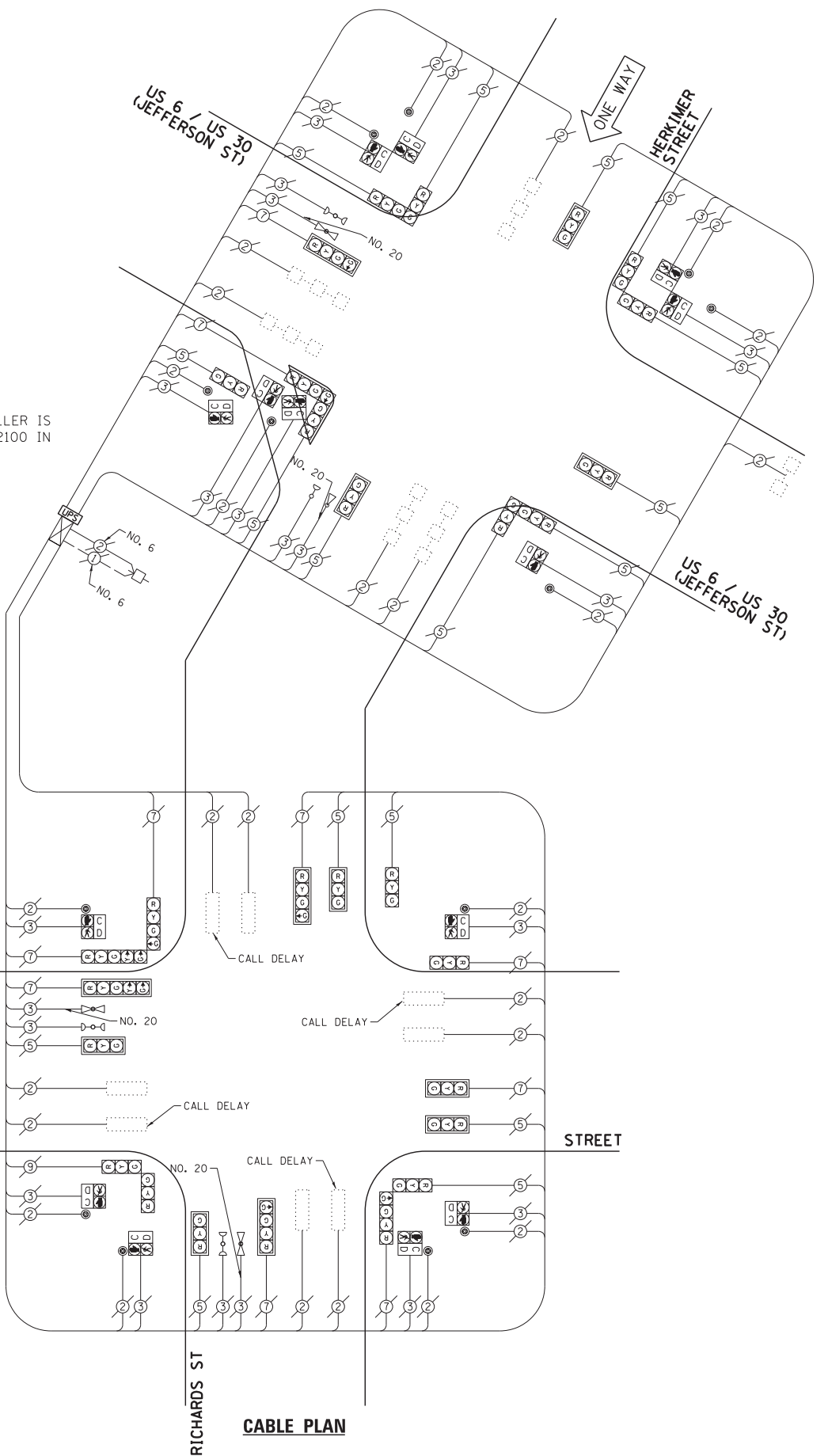
I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE	
TYPE	NO. LAMPS	INCAND.	L.E.D.	OPERATION	
SIGNAL (RED)	29	135	17	0.50	246.5
SIGNAL (YELLOW)	29	135	25	0.25	181.25
SIGNAL (GREEN)	35	135	15	0.25	131.25
ARROW	4	135	12	0.10	4.8
PED. SIGNAL	14	90	25	1.00	350.0
CONTROLLER	1	-	100	1.00	100.0
LUMINAIRE	-	-	250	0.50	-
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	-	-	150	1.00	-
BATTERY BACKUP	1	-	25	1.00	25.0
ILLUMINATED SIGN	-	-	25	0.05	-
TOTAL =				1038.8	

ENERGY COSTS - BILLED TO: IL DEPT. OF TRANSPORTATION  
 (ADDRESS) 201 W. CENTER COURT  
 (ADDRESS) SCHAUMBURG, IL 60196-1096  
 ENERGY SUPPLY - CONTACT: TIM COSLET  
 PHONE: 815-724-5010  
 COMPANY: COMED - JOLIET

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

FILE NAME = 60W21-087-US30Jefferson St@Richards St.dgn	USER NAME = gwhitten	DESIGNED - JRD	REVISED -
60W21-089	PLOT SCALE = 1:20	DRAWN - GW3	REVISED -
	PLOT DATE = 3/28/2013	CHECKED - KLB	REVISED -
		DATE - 03-28-13	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**NOTE:**  
 THE EXISTING CONTROLLER IS AN ECONOLITE ASC/2-2100 IN A TYPE V CABINET.

SCHEDULE OF QUANTITIES, CABLE PLAN, SEQUENCE OF OPERATIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US 6 /US 30 (JEFFERSON ST) AT RICHARDS STREET AND RICHARDS STREET AT WASHINGTON STREET				VAR	2013-003-I	WILL	89	87
SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 60W21				
				ILLINOIS FED. AID PROJECT				