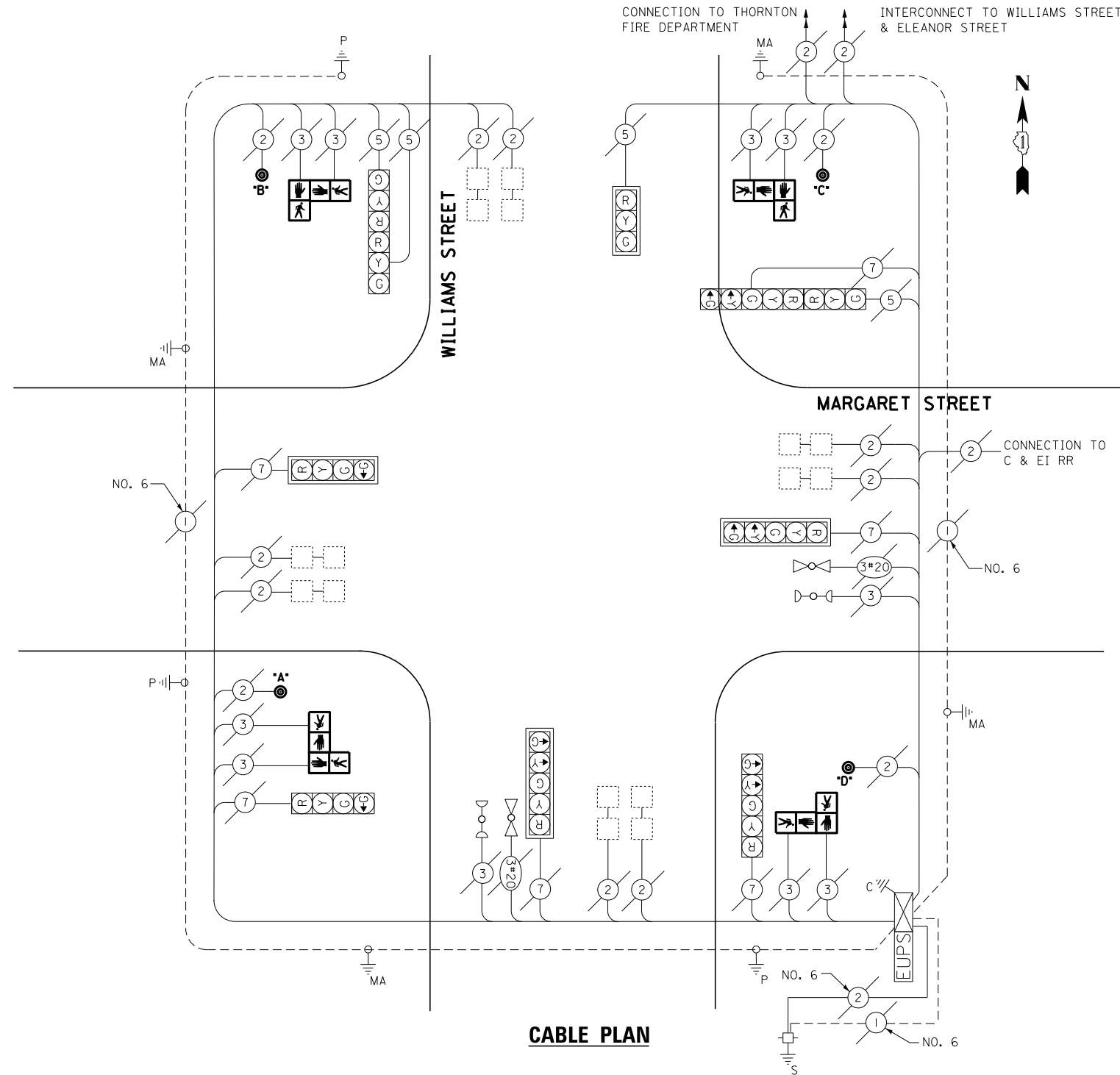


**CONTROLLER SEQUENCE**

CONTROLLER SEQUENCE		2+5		2+5		4+8		FLASH				
PHASE	MOVEMENT	1	2	3	4n	5*	6		7n	8	9	10n
INTERVAL												
CHANGE TO												
N.B. WILLIAMS ST. - N.R., M.A., FL. SIGNALS		R	R	R	R	R	G	G	Y	R	R	R
S.B. WILLIAMS ST. - N.R. SIGNAL		G	G	G	Y	R	G	G	Y	R	R	R
S.B. WILLIAMS ST. - M.A., FL. SIGNALS		G	G	G	Y	R	G	G	Y	R	R	R
E.B. ELEANOR ST. - N.R., E.R., EL. SIGNALS		R	R	R	R	R	R	R	R	G	G	Y
W.B. ELEANOR ST. - N.R., M.A., FL. SIGNALS		R	R	R	R	R	R	R	R	G	G	Y
PEDESTRIAN CROSSING: ELEANOR ST. ON EAST SIDE OF WILLIAMS ST.		DW	DW	DW	DW	DW	W	DW	DW	DW	DW	DW
PEDESTRIAN CROSSING: ELEANOR ST. ON WEST SIDE OF WILLIAMS ST.		W	DW	DW	DW	DW	W	DW	DW	DW	DW	DW
PEDESTRIAN CROSSING: WILLIAMS ST. ON SOUTH SIDE OF ELEANOR ST.		DW	DW	DW	DW	DW	DW	DW	DW	W	DW	DW
PEDESTRIAN CROSSING: WILLIAMS ST. ON NORTH SIDE OF ELEANOR ST.		DW	DW	DW	DW	DW	DW	DW	DW	W	DW	DW



**CABLE PLAN**

**SCHEDULE OF QUANTITIES**

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED
4	EACH	PEDESTRIAN PUSH-BUTTON, NON-LATCHING

**REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT**

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.

- 8 EACH PEDESTRIAN SIGNAL HEAD
- 4 EACH PEDESTRIAN PUSH-BUTTON

ECONOLITE ASC/2S-1000 CONTROLLER ON-SITE

TRAFFIC SIGNAL EQUIPMENT SHALL BE ECONOLITE TO MATCH THE ADJACENT EXISTING SYSTEM

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	10		17	0.5	85
(YELLOW)	10		25	0.25	62.5
(GREEN)	12		15	0.25	45
ARROW	8		12	0.10	9.6
PED. SIGNAL	-		25	1.00	-
CONTROLLER	1		100	1.00	100
ILLUM. SIGN			25	0.05	-
VIDEO SYSTEM			-	1.00	-
FLASHER			-	-	-
ENERGY COSTS TO:					TOTAL = 302.1
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: ILYAS MOHIUDDUN PHONE: (708) 235-2692 COMPANY: COMMONWEALTH EDISON					

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, AND PHASE DESIGNATION DIAGRAM  
MARGARET STREET AT WILLIAMS STREET

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-044TS	COOK	65	34
CONTRACT NO. 60Y42				
ILLINOIS FED. AID PROJECT				

TS# 11355  
THORNTON

FILE NAME	USER NAME	DESIGNED	REVISIONS
J:\11355\60Y42\DCN\CADD Sheets\0160Y42.dgn	_USER_	- V.O.	-
		DRAWN - E.C.	REVISED -
		CHECKED - I.Y.	REVISED -
		DATE - 7/11/2014	REVISED -