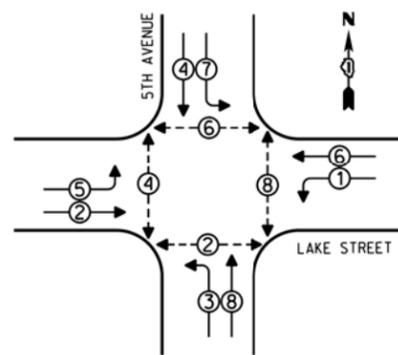
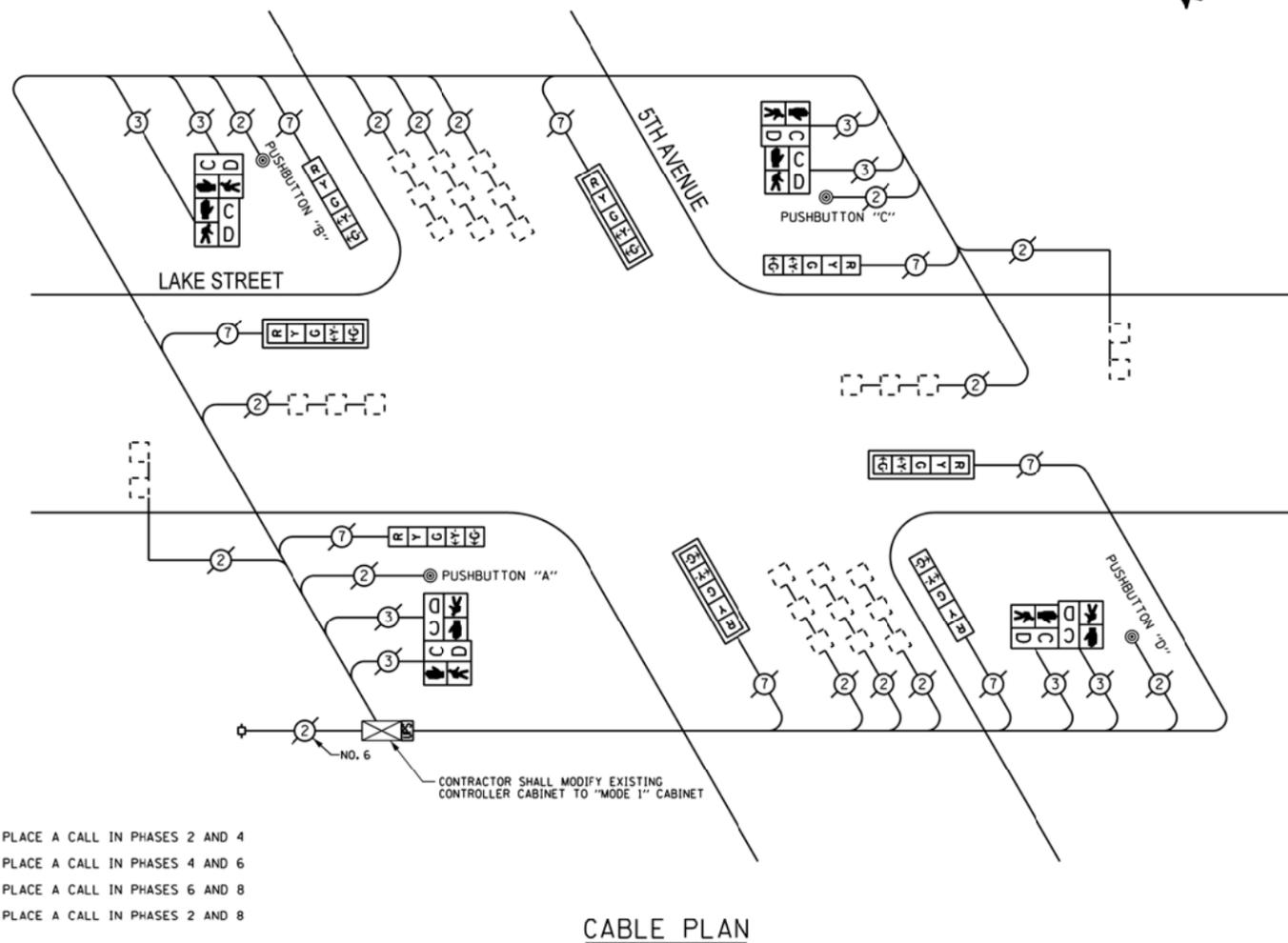


CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

- LEGEND**
- SINGLE ENTRY PHASE
  - DUAL ENTRY PHASE
  - ⊕ OVERLAP
  - ⊖ PEDESTRIAN PHASE
  - NUMBER REFERS TO ASSOCIATED PHASE



CABLE PLAN

NOTE:

- PUSHBUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
- PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
- PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8
- PUSHBUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8

CONTRACTOR SHALL MODIFY EXISTING CONTROLLER CABINET TO "MODE 1" CABINET

REPLACE ALL EXISTING TRAFFIC SIGNAL HEADS

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".

CONTRACTOR SHALL MODIFY EXISTING CONTROLLER CABINET TO "MODE 1" CABINET

REMOVE 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.

QUANTITY	UNIT	DESCRIPTION
8	EACH	SIGNAL HEAD, I-FACE, 5-SECTION
4	EACH	PEDESTRIAN SIGNAL HEAD, 2-FACE
4	EACH	PEDESTRIAN PUSHBUTTON

SCHEDULE OF QUANTITIES

QUAN.	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
4	EACH	SIGNAL HEAD, LED, I-FACE, 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, LED, I-FACE, 5-SECTION, MAST ARM MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
4	EACH	TRAFFIC SIGNAL BACKPLATE
4	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE		
SIGNAL (RED)	8	17	0.50	68.00
(YELLOW)	8	25	0.25	50.00
(GREEN)	8	15	0.25	30.00
ARROW	16	12	0.10	19.20
PED. SIGNAL	8	25	1.00	200.00
CONTROLLER	1	100	1.00	100.00
ILLUM. SIGN		25	0.05	
LUMINAIRE		250	0.50	
VIDEO SYSTEM		150	1.00	
FLASHER			0.50	
ENERGY COSTS TO:				TOTAL = 467.20

VILLAGE OF MAYWOOD  
40 MADISON STREET  
MAYWOOD, ILLINOIS 60153

ENERGY SUPPLY - CONTACT: JOE STACHO  
PHONE: (630) 424-5704  
COMPANY: COMED

FILE NAME =	USER NAME = #USER#	DESIGNED - JAM	REVISED -
#FILE#		DRAWN - JAM	REVISED -
		CHECKED - LMM	REVISED -
#MODELNAME#		DATE - 08-23-13	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION  
DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE,  
LAKE STREET AT 5TH AVENUE

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2013-035-TS	COOK	87	45
			CONTRACT NO. 60W72	
ILLINOIS FED. AID PROJECT				