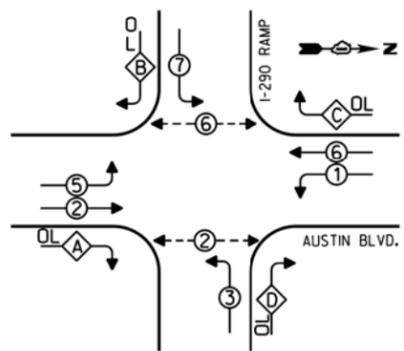


CONTROLLER SEQUENCE



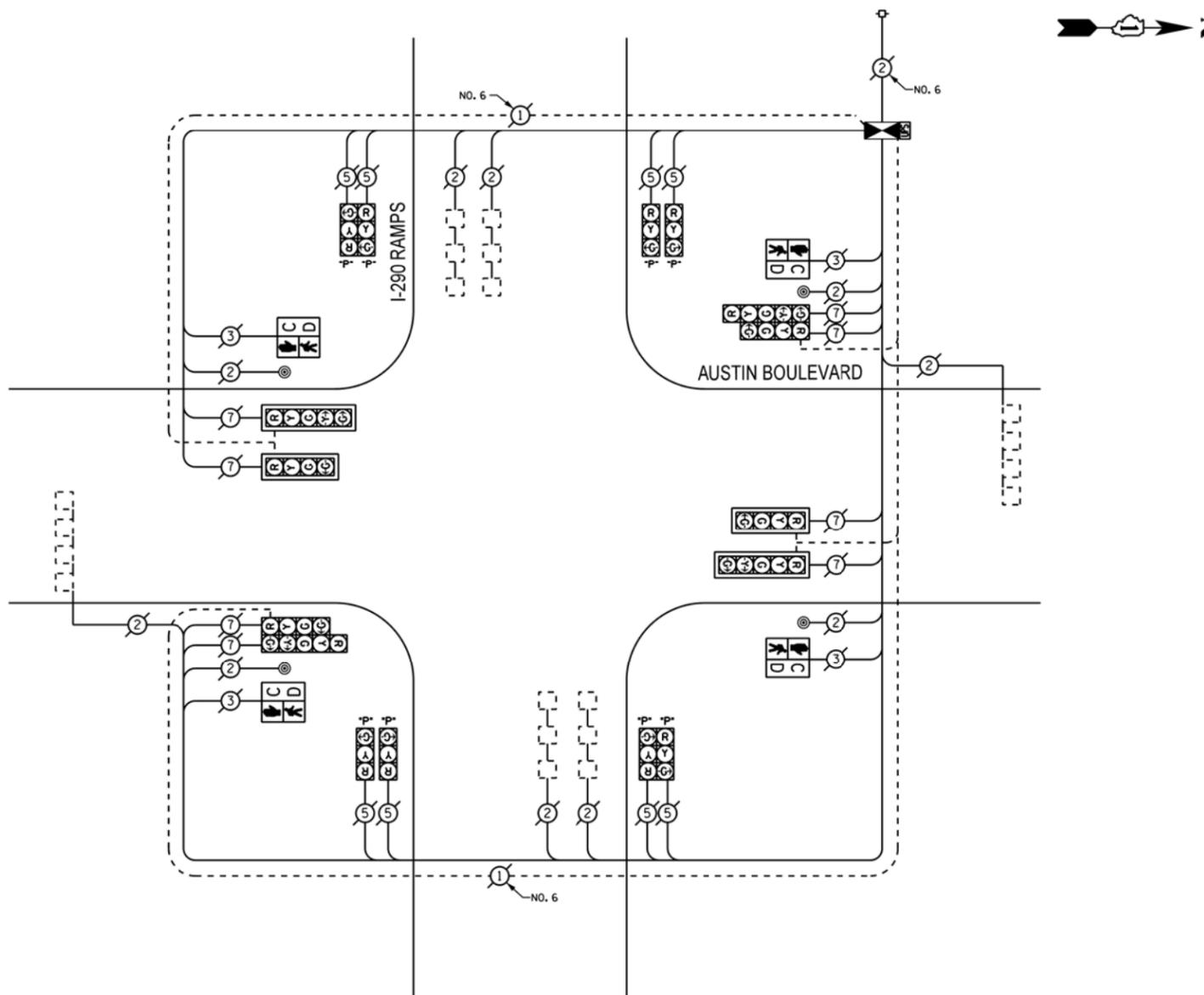
LEGEND
 □ SINGLE ENTRY PHASE
 ⊙ DUAL ENTRY PHASE
 ⊕ OVERLAP
 ⊖ PEDESTRIAN PHASE
 * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A =	3 +	7
B =	2 +	5
C =	6 +	1
D =	1 +	3

CONSTRUCTION NOTE

A NEW UPS SHALL BE INSTALLED INSIDE OF A NEW TYPE 5 CABINET WITH OPERATING LED'S INSTALLED ON THE OUTSIDE OF THE NEW CABINET.



CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	INCAND	LED	% OPERATIONS	
SIGNAL (RED)	16		17	0.50	136.00
(YELLOW)	16		25	0.25	100.00
(GREEN)	20		15	0.25	75.00
ARROW	8		12	0.10	9.60
PED. SIGNAL	4		25	1.00	100.00
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 =	520.60

VILLAGE OF OAK PARK
 123 MADISON STREET
 OAK PARK, ILLINOIS 60302

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

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
1	EACH	CONTROLLER AND CABINET (COMPLETE)
4	EACH	PEDESTRIAN TRAFFIC SIGNAL, I-FACE
4	EACH	PEDESTRIAN PUSHBUTTON

SCHEDULE OF QUANTITIES

QUAN.	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
4	EACH	PEDESTRIAN SIGNAL HEAD, LED, I-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
4	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE V CABINET (SPECIAL)
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL

FILE NAME =	USER NAME = #USER*	DESIGNED - JAM	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE, AUSTIN BOULEVARD AT I-290 RAMP</p>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	PLOT SCALE = #SCALE*	DRAWN - JAM	REVISED -			VAR	2013-035-TS	COOK	87	56	
#MODELNAME#	PLOT DATE = #DATE*	CHECKED - LMM	REVISED -			CONTRACT NO. 60W72					
		DATE - 08-23-13	REVISED -			ILLINOIS FED. AID PROJECT					