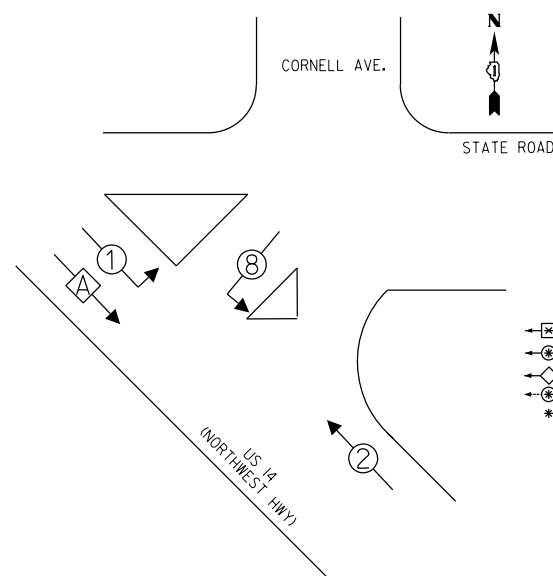


CONTROLLER SEQUENCE

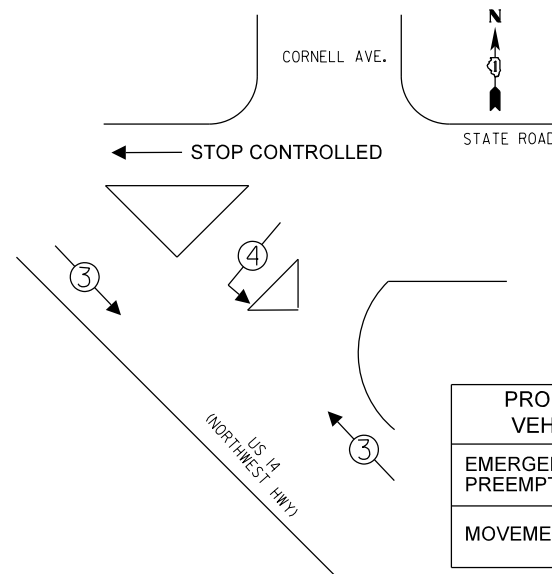


- LEGEND**
- ◻ SINGLE ENTRY PHASE
 - ◉ DUAL ENTRY PHASE
 - ◊ OVERLAP
 - ◉ PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE

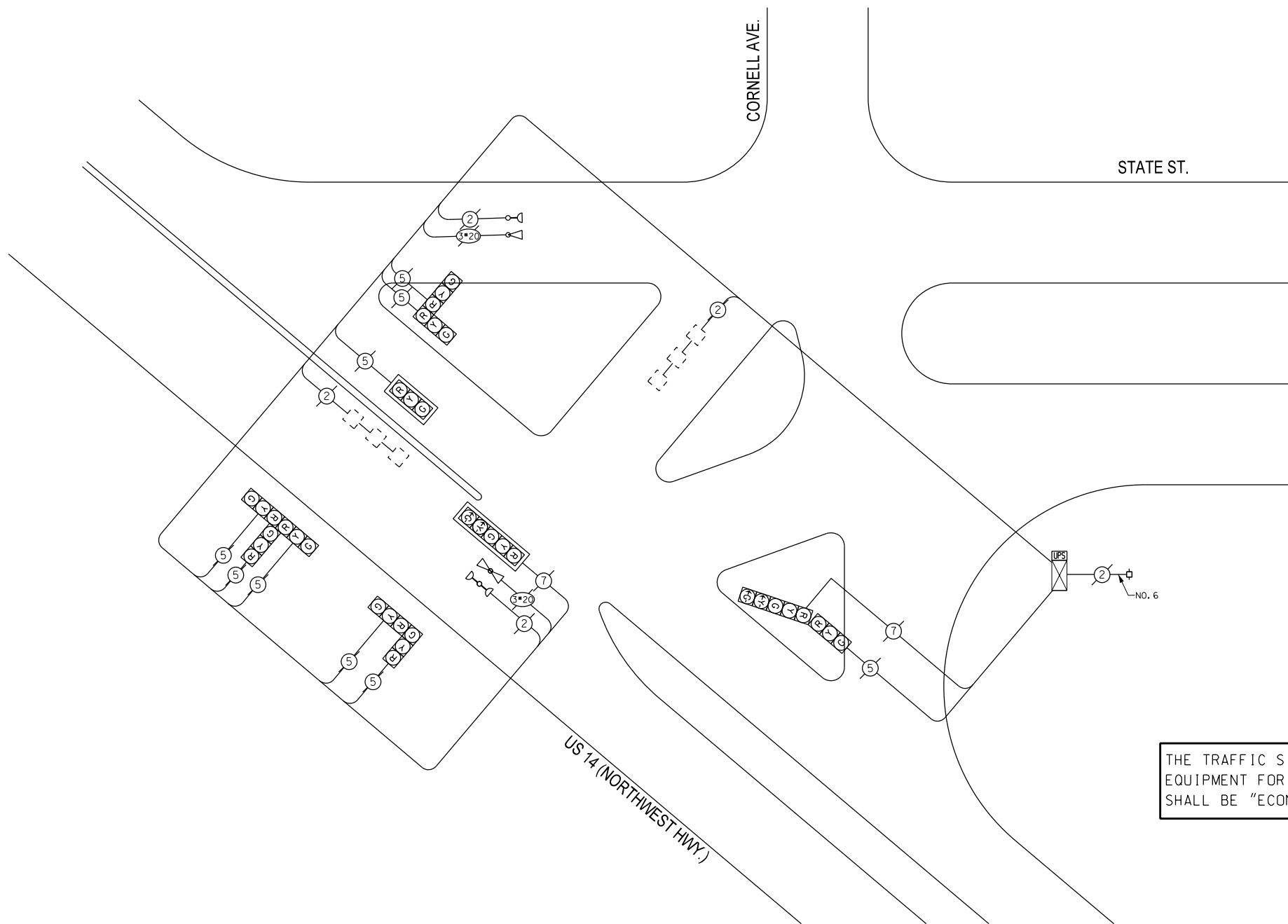
PHASE DESIGNATION DIAGRAM

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 1	+ 2

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↘



CABLE PLAN

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

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	WATTAGE		TOTAL WATTAGE
		INCAND	LED X % OPERATIONS	
SIGNAL (RED)	11	17	0.50	93.50
(YELLOW)	11	25	0.25	68.75
(GREEN)	11	15	0.25	41.25
ARROW	4	12	0.10	4.80
PED. SIGNAL		25	1.00	
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 = 308.30

VILLAGE OF Des Plaines
1420 Miner Street
Des Plaines, ILLINOIS 60016

ENERGY SUPPLY - CONTACT: Dave Schacht
PHONE: (630) 437-2129
COMPANY:

SCHEDULE OF QUANTITIES

QUAN.	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL



DESIGNED - JAM	REVISED -
DRAWN - JAM	REVISED -
CHECKED - LMM	REVISED -
DATE - 10-14-13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION
DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE,
US 14 (NORTHWEST HWY) AND STATE STREET

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2013-054TS	COOK	99	35
				CONTRACT NO. 60X15
ILLINOIS FED. AID PROJECT				