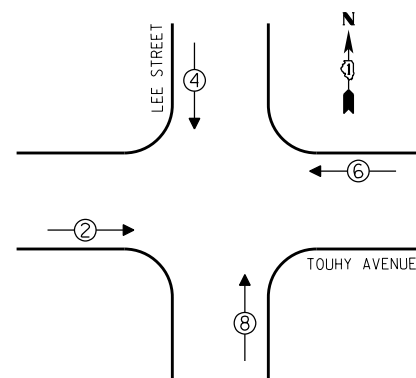




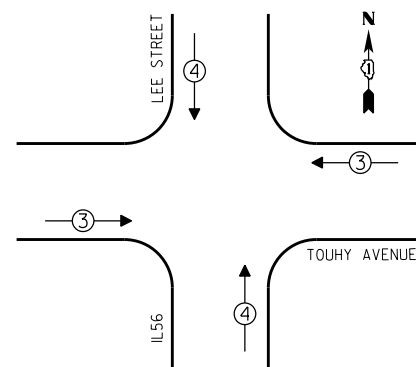
CONTROLLER SEQUENCE



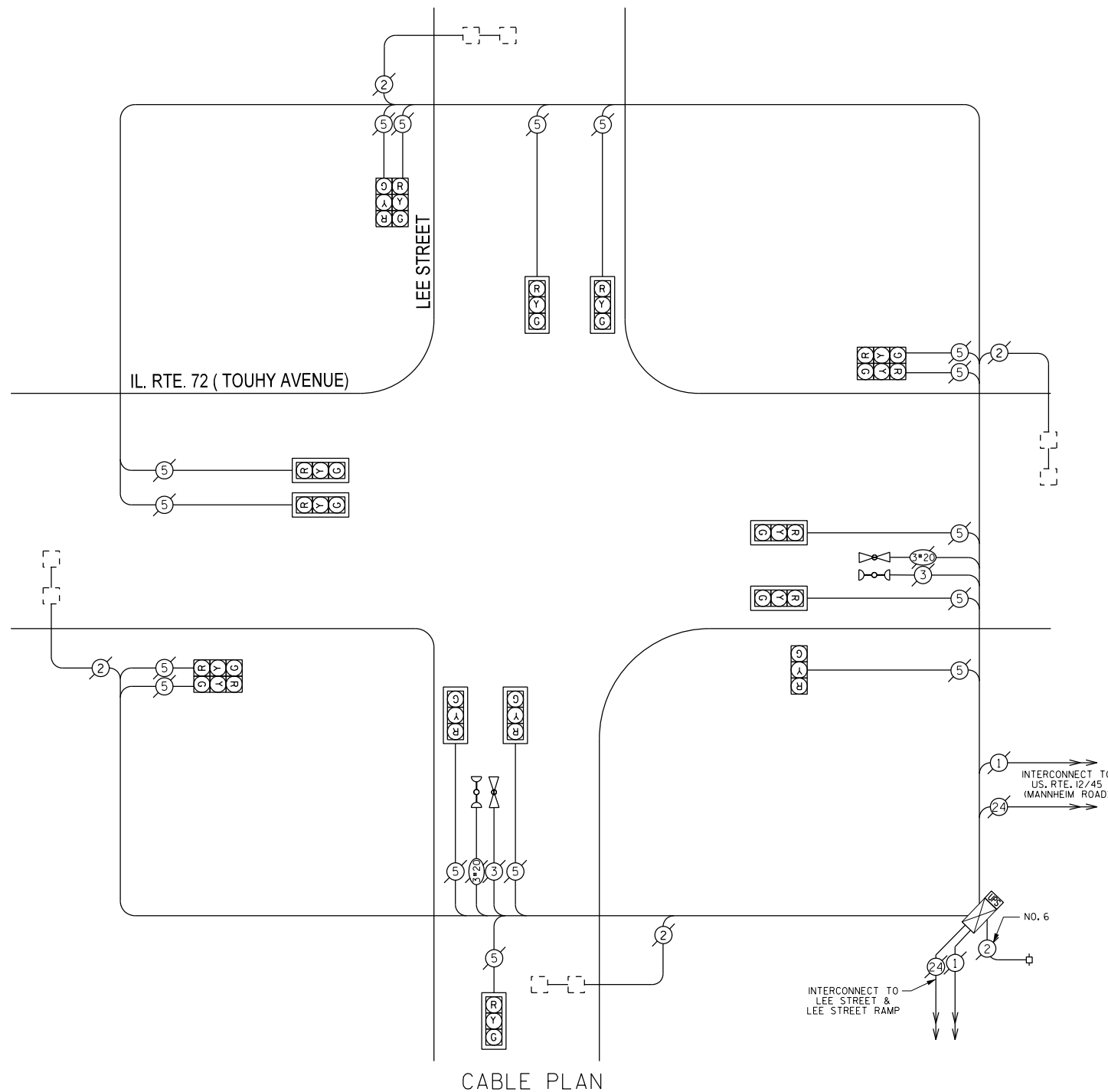
PHASE DESIGNATION DIAGRAM

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

EMERGENCY VEHICLE PREEMPTION SEQUENCE



EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	
MOVEMENT	←→	↑↓	



CABLE PLAN

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

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

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	WATTAGE		TOTAL WATTAGE
		INCAND	LED X % OPERATIONS	
SIGNAL (RED)	16	17	0.50	136.00
(YELLOW)	16	25	0.25	100.00
(GREEN)	16	15	0.25	60.00
ARROW		12	0.10	
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 = 396.00

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

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

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,
IL. RT. 72 (TOUHY AVENUE) AND LEE STREET

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2013-054TS	COOK	99	21
				CONTRACT NO. 60X15

ILLINOIS FED. AID PROJECT

SAM SCHWARTZ
ENGINEERING
3100 W. HIGGINS, STE. 100, HOFFMAN ESTATES, IL 60169