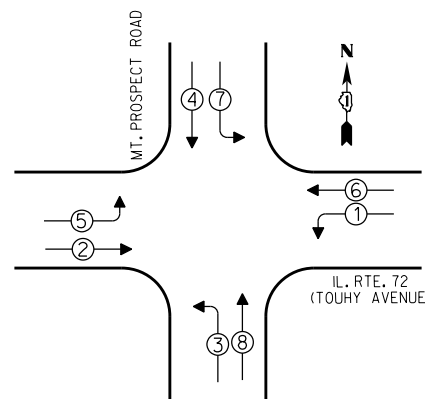


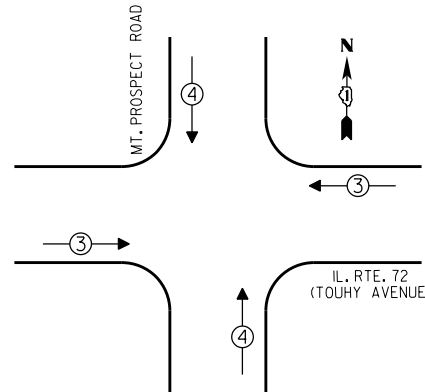


CONTROLLER SEQUENCE



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

EMERGENCY VEHICLE PREEMPTION SEQUENCE



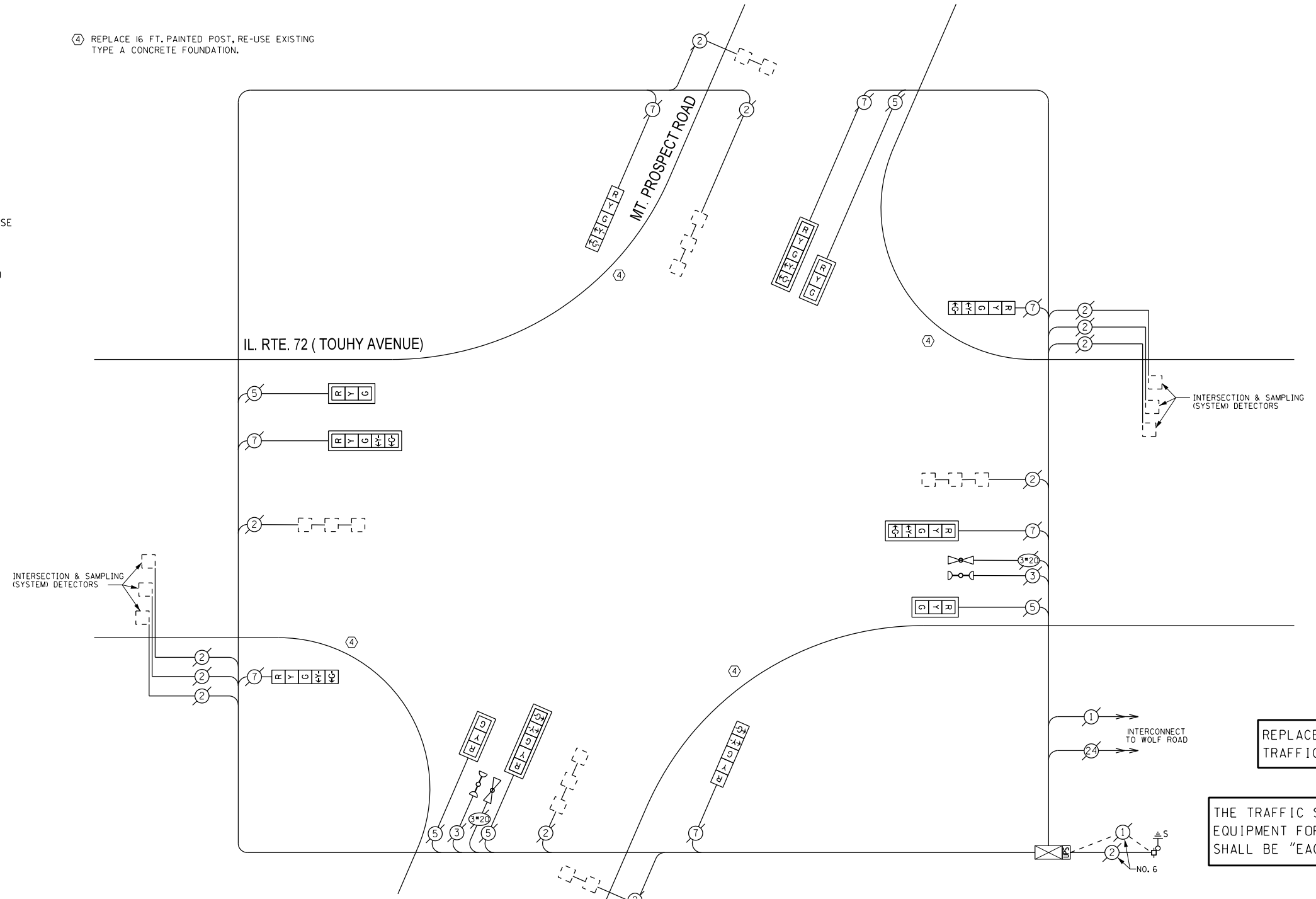
EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	
MOVEMENT	↔	↕	

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				
TYPE	WATTAGE			TOTAL WATTAGE
	NO. OF LAMPS	INCAND	LED % OPERATIONS	
SIGNAL (RED)	12	17	0.50	102.00
(YELLOW)	12	25	0.25	75.00
(GREEN)	12	15	0.25	45.00
ARROW	16	12	0.10	19.20
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 =			341.20

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

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

④ REPLACE 16 FT. PAINTED POST, RE-USE EXISTING TYPE A CONCRETE FOUNDATION.



CABLE PLAN

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
4	EACH	TRAFFIC SIGNAL POST
4	EACH	SIGNAL HEAD, I-FACE, 3-SECTION
8	EACH	SIGNAL HEAD, I-FACE, 5-SECTION
8	EACH	TRAFFIC SIGNAL BACKPLATE

SCHEDULE OF QUANTITIES

QUAN.	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
4	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
4	EACH	SIGNAL HEAD, LED, I-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, LED, I-FACE, 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, LED, I-FACE, 5-SECTION, MAST ARM MOUNTED
8	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED ALUMINUM
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL

REPLACE ALL EXISTING TRAFFIC SIGNAL HEADS

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



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 MT. PROSPECT ROAD

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2013-054TS	COOK	99	49
				CONTRACT NO. 60X15
ILLINOIS FED. AID PROJECT				