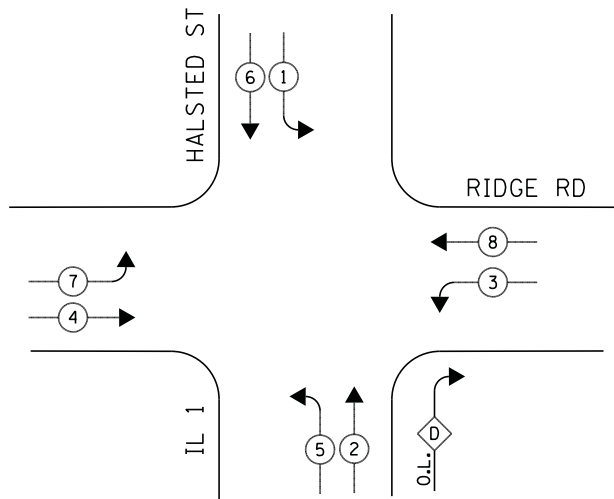
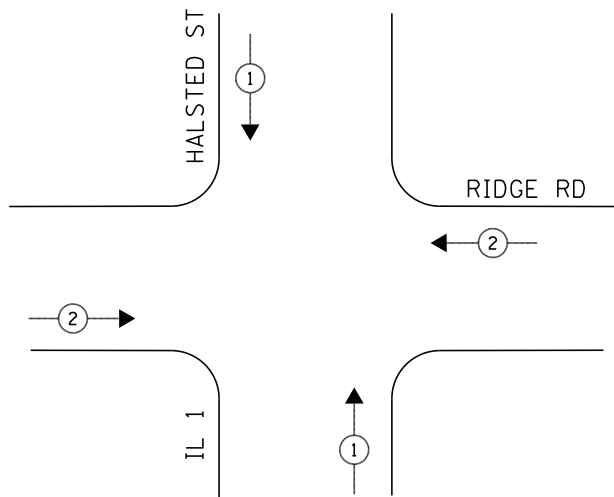


CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND

- ◀ * → DUAL ENTRY PHASE
- ◀ * → SINGLE ENTRY PHASE
- ◊ O.L. OVERLAP
- ◀ * → PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

RIGHT TURN OVERLAP PHASE DESIGNATION

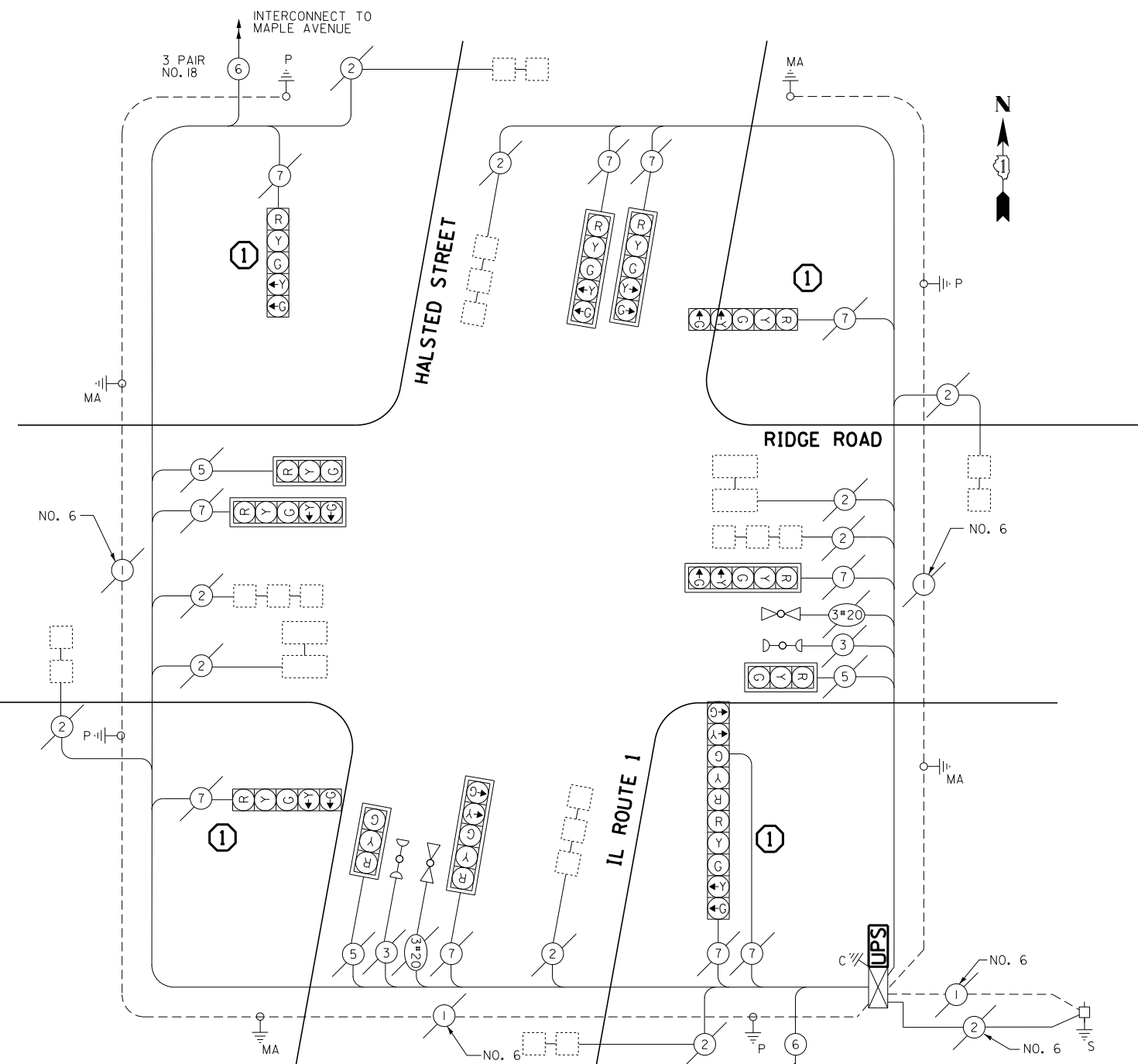
OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
D	= 2	+ 3

① REPLACE 16FT. PAINTED POST, RE-USE EXISTING FOUNDATION

EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	1	2
MOVEMENT	↑↓	↔

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
4	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
5	EACH	RELOCATE EXISTING SIGNAL HEAD
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
2	EACH	REMOVE AND REPLACE ANCHOR BOLTS



CABLE PLAN

REMOVAL OF 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.

- 4 EACH TRAFFIC SIGNAL POST

RED LIGHT PHOTO ENFORCED INTERSECTION VENDOR:
GATSO USA, INC.

ECONOLITE ASC/2S-2100 CONTROLLER ON-SITE

TRAFFIC SIGNAL EQUIPMENT SHALL BE ECONOLITE TO MATCH THE ADJACENT EXISTING SYSTEM

TS# 1855
HOMWOOD

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	13		17	0.5	110.5
(YELLOW)	13		25	0.25	81.25
(GREEN)	13		15	0.25	48.75
ARROW	20		12	0.10	48
PED. SIGNAL	-		25	1.00	-
CONTROLLER	1		100	1.00	100
ILLUM. SIGN			25	0.05	-
VIDEO SYSTEM			-	1.00	-
FLASHER			-	-	-
ENERGY COSTS TO:					TOTAL = 388.5

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY CONTACT: ILYAS MOHIUDDIN
PHONE: (708) 235-2692
COMPANY: COMMONWEALTH EDISON

FILE NAME =	USER NAME = _USER_	DESIGNED - V.O.	REVISED -
J:\13155\60Y42\DCN\CADD Sheets\0160Y42	ht-ts-08_1855.dgn	DRAWN - E.C.	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED - I.Y.	REVISED -
	PLOT DATE = 7/9/2014	DATE - 7/11/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE IL ROUTE 1 (HALSTED STREET) AT RIDGE ROAD			
SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-044TS	COOK	65	23
CONTRACT NO. 60Y42				
ILLINOIS FED. AID PROJECT				