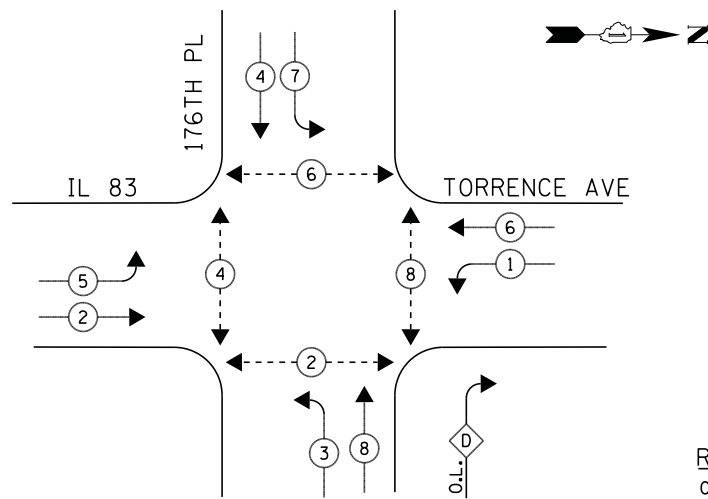


CONTROLLER SEQUENCE



LEGEND

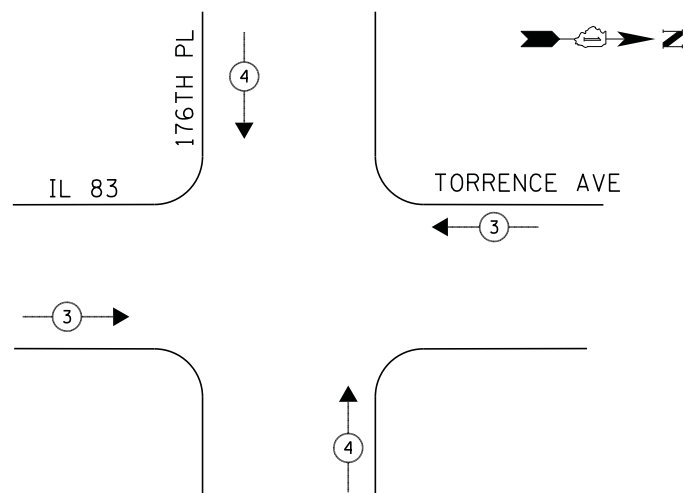
- ◀ * → DUAL ENTRY PHASE
- ◀ * → SINGLE ENTRY PHASE
- ◊ O.L. OVERLAP
- ◀ * → PEDESTRIAN PHASE
NUMBER REFERS TO ASSOCIATED PHASE

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
D	= 8	+ 1

PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



NOTE:

- PUSH BUTTON "A" PLACES A CALL IN PHASE 2 & 4
- PUSH BUTTON "B" PLACES A CALL IN PHASE 4 & 6
- PUSH BUTTON "C" PLACES A CALL IN PHASE 6 & 8
- PUSH BUTTON "D" PLACES A CALL IN PHASE 2 & 8

EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↔	↕

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
4	EACH	PEDESTRIAN PUSH-BUTTON, NON-LATCHING

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

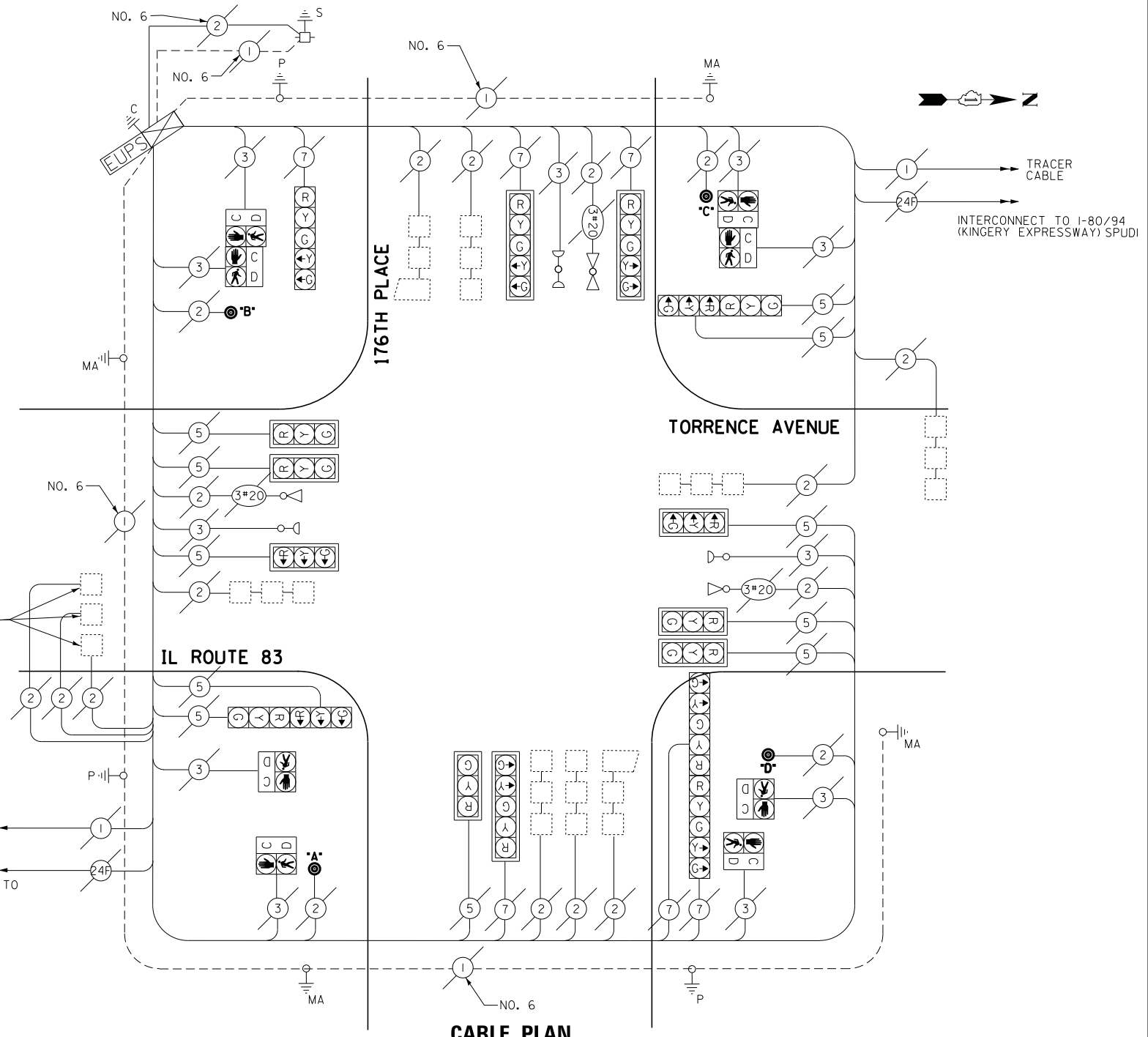
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 4 EACH PEDESTRIAN PUSH-BUTTON

ECONOLITE ASC/2S-1000
CONTROLLER ON-SITE

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

TS# 21340
LANSING



CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	17		17	0.5	144.5
(YELLOW)	17		25	0.25	106.25
(GREEN)	17		15	0.25	63.75
ARROW	12		12	0.10	14.4
PED. SIGNAL	8		25	1.00	200
CONTROLLER	1		100	1.00	100
ILLUM. SIGN			25	0.05	-
VIDEO SYSTEM			-	1.00	-
FLASHER				-	-
ENERGY COSTS TO:				TOTAL =	628.9

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 = J:\13155\60Y42\DCN\CADD Sheets\0160Y42.dgn	USER NAME = _USER_	DESIGNED - V.O.	REVISED -
		DRAWN - E.C.	REVISED -
		CHECKED - I.Y.	REVISED -
		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 83 (TORRENCE AVENUE) AT 176TH PLACE

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	42
CONTRACT NO. 60Y42				
ILLINOIS FED. AID PROJECT				