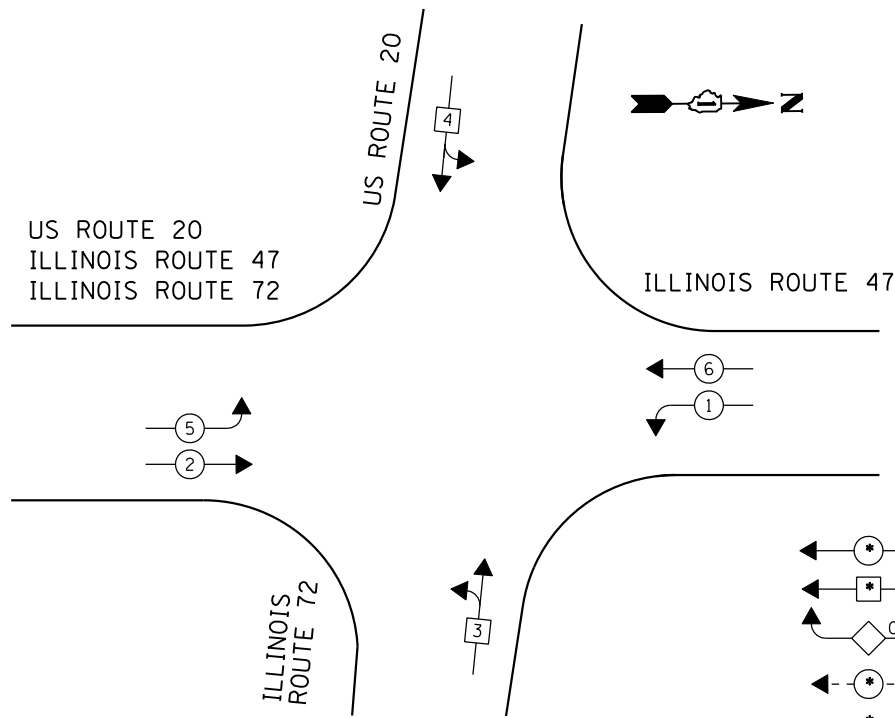


**CONTROLLER SEQUENCE**



**TEMPORARY PHASE DESIGNATION DIAGRAM  
TO BE USED DURING CONSTRUCTION**

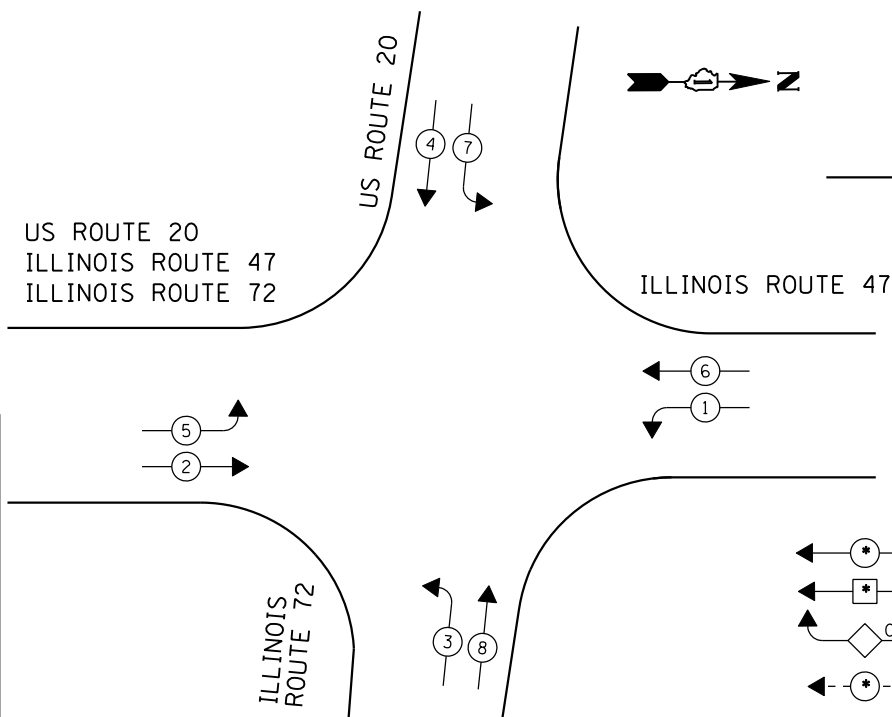
NOTE 1: THE SPLIT PHASE CONDITION FOR EASTBOUND AND WESTBOUND IL. 72 & US 20 WILL REMAIN UNTIL THE ROADWAY CONSTRUCTION IS COMPLETE AND THE PROPOSED LEFT TURN LANE IS OPEN FOR TRAFFIC.

NOTE 2: USE 5-SECTION SIGNAL HEADS FOR EASTBOUND AND WESTBOUND DIRECTION WHEN THE ROADWAY CONSTRUCTION IS COMPLETE AND THE LEFT TURN LANE PERMANENTLY OPENED TO TRAFFIC AND PRIOR TO COMPLETION OF THE NEW PERMANENT TRAFFIC SIGNAL INSTALLATION.

**LEGEND**

- ◀ (•) ▶ DUAL ENTRY PHASE
- ◀ (•) SINGLE ENTRY PHASE
- ◀ (◊) O.L. OVERLAP
- ◀ (•) ▶ PEDESTRIAN PHASE
- \* NUMBER REFERS TO ASSOCIATED PHASE

**CONTROLLER SEQUENCE**



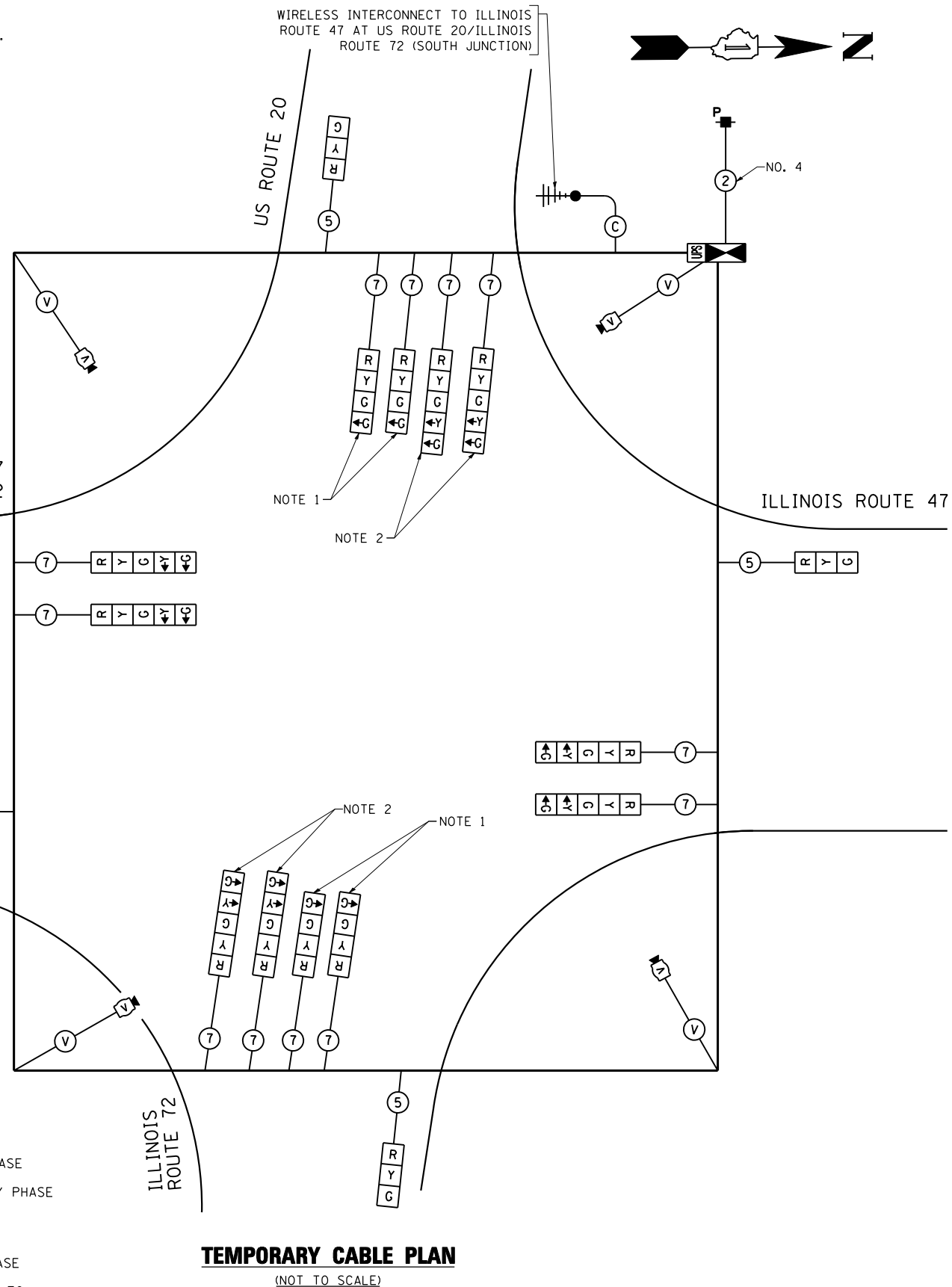
**TEMPORARY PHASE DESIGNATION DIAGRAM  
TO BE USED AFTER THE PROPOSED ROADWAY  
IS BUILT AND OPEN TO TRAFFIC**

**LEGEND**

- ◀ (•) ▶ DUAL ENTRY PHASE
- ◀ (•) SINGLE ENTRY PHASE
- ◀ (◊) O.L. OVERLAP
- ◀ (•) ▶ PEDESTRIAN PHASE
- \* NUMBER REFERS TO ASSOCIATED PHASE

WIRELESS INTERCONNECT TO ILLINOIS ROUTE 47 AT US ROUTE 20/ILLINOIS ROUTE 72 (SOUTH JUNCTION)

US ROUTE 20  
ILLINOIS ROUTE 47  
ILLINOIS ROUTE 72



**TEMPORARY CABLE PLAN**

(NOT TO SCALE)

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE INCAND.	LED	%OPERATION	
SIGNAL (RED)	12		17	0.50	102
(YELLOW)	12		25	0.25	75
(GREEN)	12		15	0.25	45
ARROW	16		12	0.10	19.2
PED. SIGNAL			25	1.00	
CONTROLLER	1		100	1.00	100
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM	1	150		1.00	150
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 491.2
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: FRAN PIATKOWSKI PHONE: (815) 904-4031 COMPANY: COMMONWEALTH EDISON					

FILE NAME =	USER NAME = Esso	DESIGNED - PKG	REVISED - 4/21/2014, EA
k:\projects\projects 2013\us 20 at il 47	il 72\signals\60110 (north)\7.US 20 at IL	DRAWN72 (North Junction).Temp.CD.dgn	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED - PKG	REVISED -
	PLOT DATE = 4/21/2014	DATE - 3/15/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY CABLE PLAN AND TEMPORARY PHASE DESIGNATION DIAGRAM ILLINOIS ROUTE 47 AT US ROUTE 20 / ILLINOIS ROUTE 72 (NORTH JUNCTION)</b>			
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	106-S-N-1	KANE	167	80
CONTRACT NO. 60T10				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				