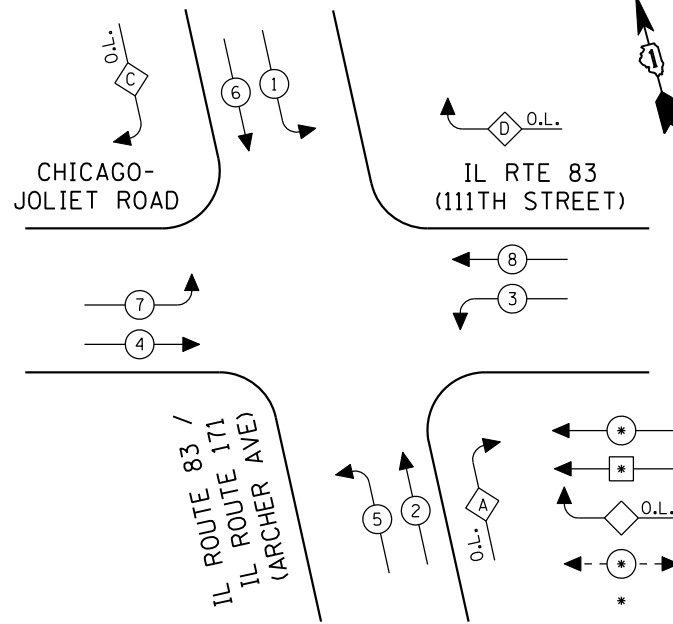


**CONTROLLER SEQUENCE**



- LEGEND**
- ⊛ DUAL ENTRY PHASE
  - ⊠ SINGLE ENTRY PHASE
  - ◇ O.L. OVERLAP
  - ⊠ PEDESTRIAN PHASE
  - \* NUMBER REFERS TO ASSOCIATED PHASE

**EXISTING PHASE DESIGNATION DIAGRAM**

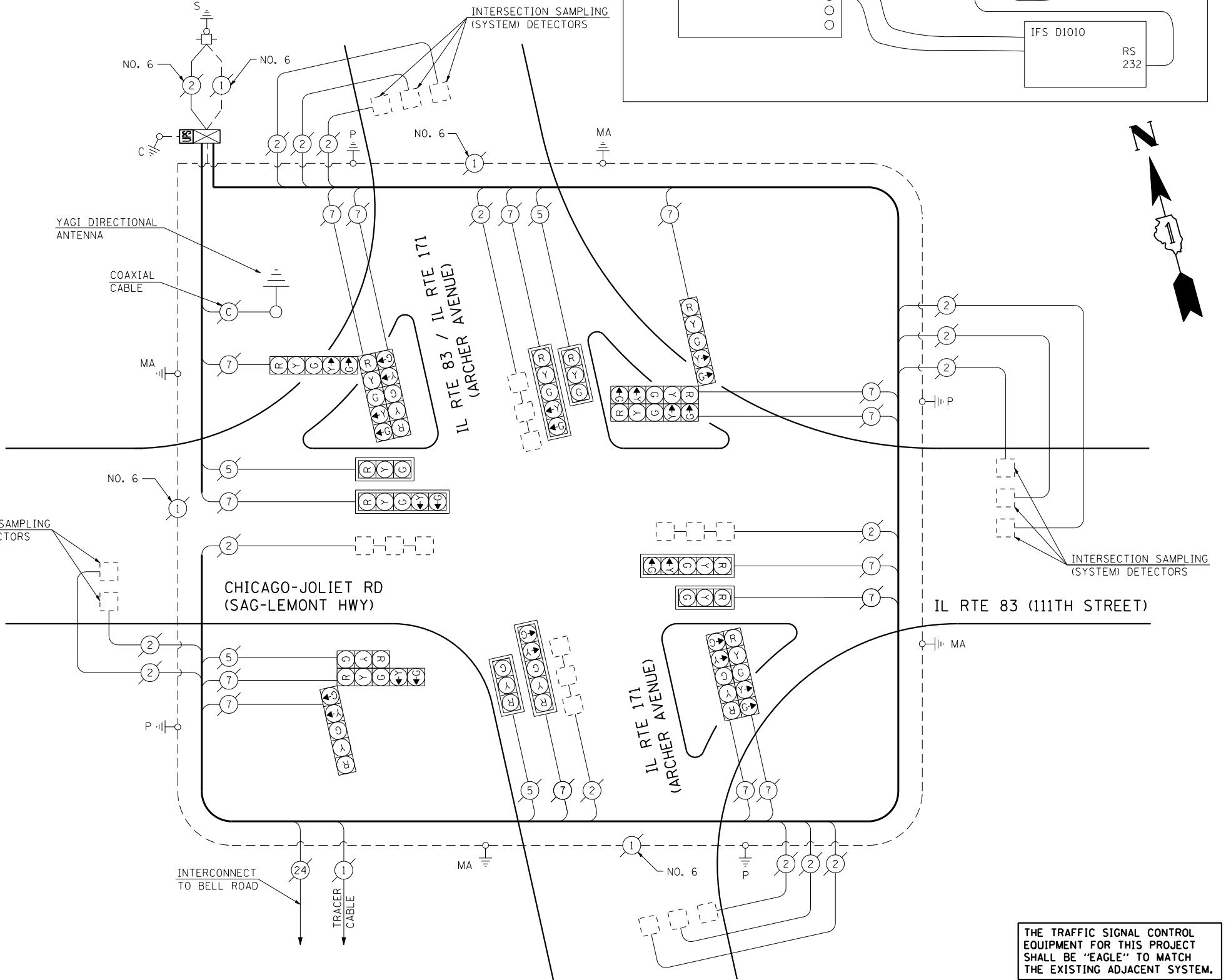
OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2 + 3	
C	= 6 + 7	
D	= 8 + 1	

**SCHEDULE OF QUANTITIES**

QUANTITY	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					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	19	135	17	0.50	161.50
SIGNAL (YELLOW)	19	135	25	0.25	118.75
SIGNAL (GREEN)	19	135	15	0.25	71.25
ARROW	28	135	12	0.10	33.60
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN		84		0.05	
FLASHER		135	25	0.50	
ENERGY COSTS TO:					TOTAL = 485.10
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: XXX XXXXX PHONE: (XXX) XXX-XXXX COMPANY: COMMONWEALTH EDISON					

INTERSECTION SAMPLING (SYSTEM) DETECTORS



**CABLE PLAN**  
(NOT TO SCALE)

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

FILE NAME =	USER NAME = \$USER\$	DESIGNED - PKG	REVISED -
\$FILEL\$		DRAWN - EA, EB, WC	REVISED -
	PLOT SCALE = \$SCALE\$	CHECKED - PKG	REVISED -
	PLOT DATE = \$DATE\$	DATE - 8/15/2013	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES, CABLE PLAN AND PHASE DESIGNATION DIAGRAM			
IL RTE 171 (ARCHER AVENUE) AT IL RTE 83 (111TH STREET)			
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-040TS	COOK	84	24
CONTRACT NO. 60W85				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

TS# 3370 LEMONT