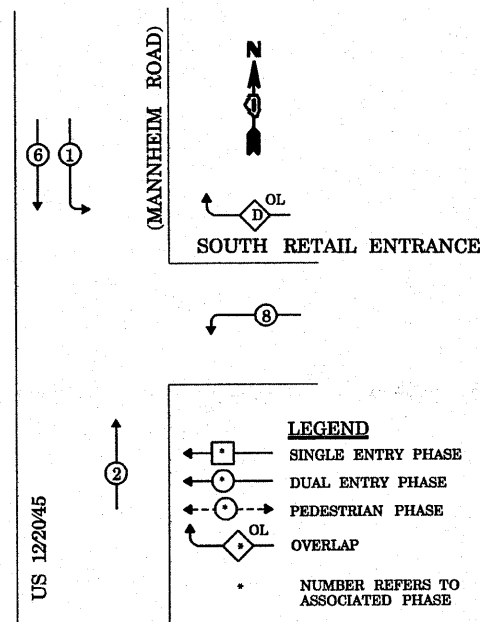


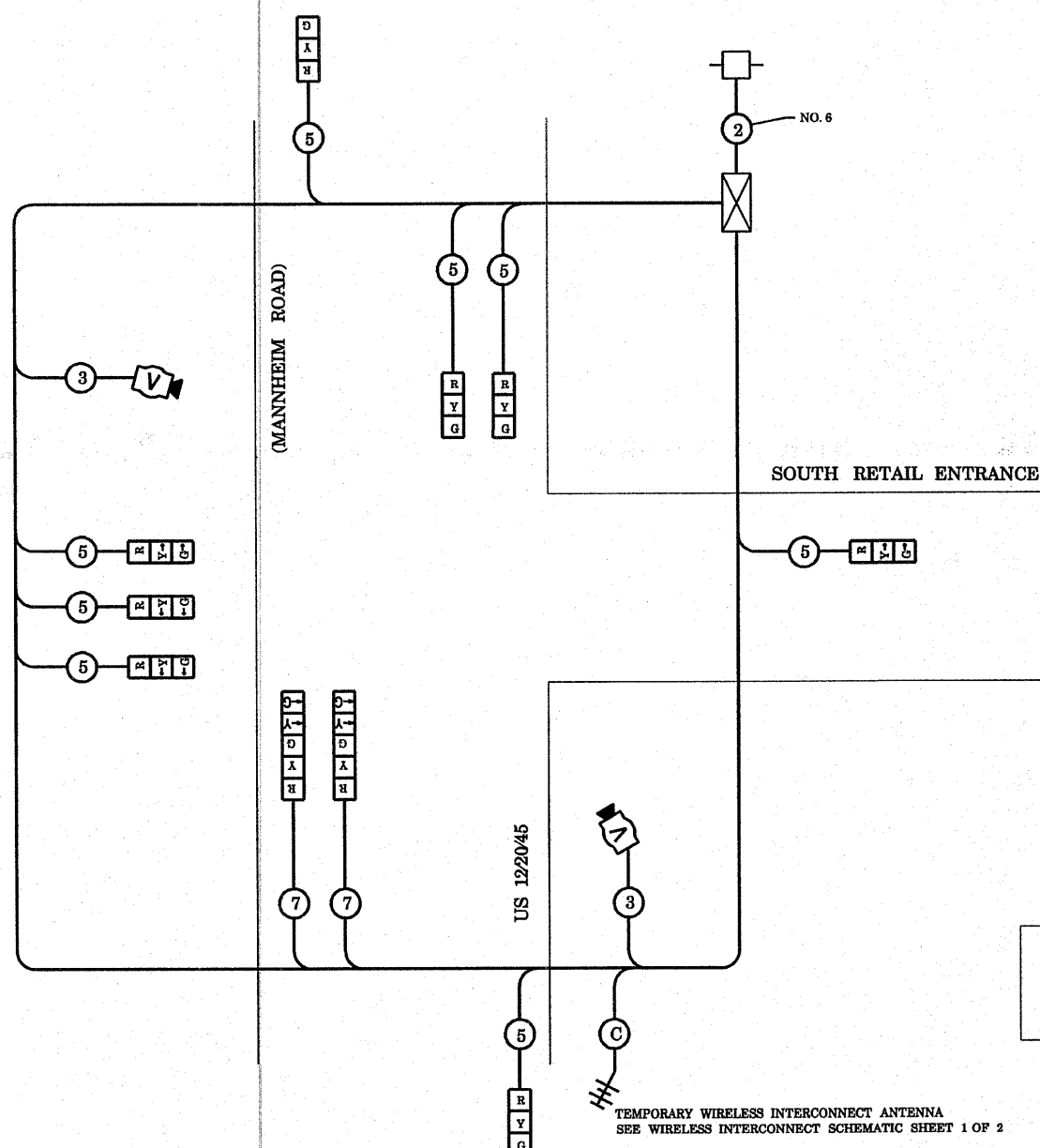


**CONTROLLER SEQUENCE**



**TEMPORARY PHASE DESIGNATION DIAGRAM**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
D	= 8	+ 1



**TEMPORARY CABLE DIAGRAM LEGEND**

- TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION, 12" (300 mm)
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBERED 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- PEDESTRIAN PUSHBUTTON DETECTOR
- VEHICLE DETECTOR, INDUCTION LOOP
- 12" (300 mm) PEDESTRIAN SIGNAL SECTION
- MICROWAVE VEHICLE SENSOR
- VIDEO DETECTOR
- WIRELESS INTERCONNECT (ANTENNA)

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

TEMPORARY WIRELESS INTERCONNECT ANTENNA  
SEE WIRELESS INTERCONNECT SCHEMATIC SHEET 1 OF 2

**TEMPORARY CABLE PLAN**

\* TEMPORARY WIRELESS INTERCONNECT IS INCLUDED IN TEMPORARY TRAFFIC SIGNAL INSTALLATION PAY ITEM

**SCHEDULE OF QUANTITIES**

QUANTITIES	UNIT	ITEM
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
3	EACH	REMOVE EXISTING HANDHOLE
6	EACH	REMOVE EXISTING CONCRETE FOUNDATION

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	10	17	0.50	85.00	
(YELLOW)	6	25	0.25	37.50	
(GREEN)	6	15	0.25	22.50	
ARROW	12	12	0.10	14.40	
FED. SIGNAL		25	1.00	-	
CONTROLLER	1	100	1.00	100.00	
ILLUM. SIGN			0.05	-	
FLASHER			0.05	-	
ENERGY COSTS TO: VILLAGE OF MELROSE PARK				TOTAL =	259.40
ENERGY SUPPLY CONTACT: MR. MIKE BELL					
PHONE: (708)410-5314					
COMPANY: COMMONWEALTH EDISON					

FILE NAME =	USER NAME = kanthapixaybc	DESIGNED - N.B.	REVISED -
PROJECTS\traffic\070027\us12_20_45.dgn		DRAWN - N.B.	REVISED -
		CHECKED - D.B.	REVISED -
		DATE - 09/04/2008	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN  
US 12/2045(MANNHEIM RD) AT SOUTH RETAIL ENTRANCE  
SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2008-006 TS	COOK	104	40
CONTRACT NO. 60E31				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				