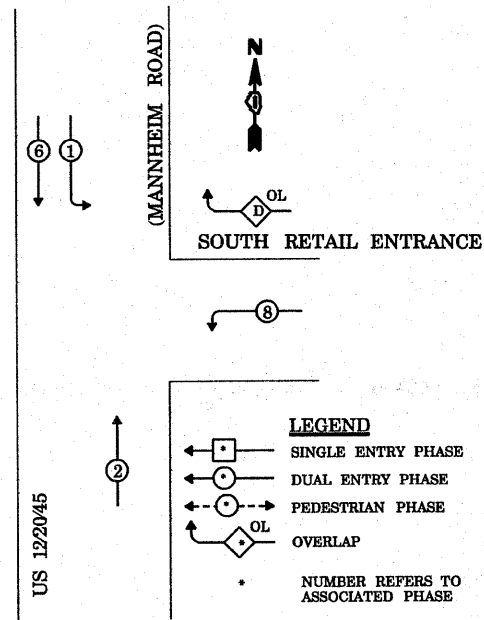
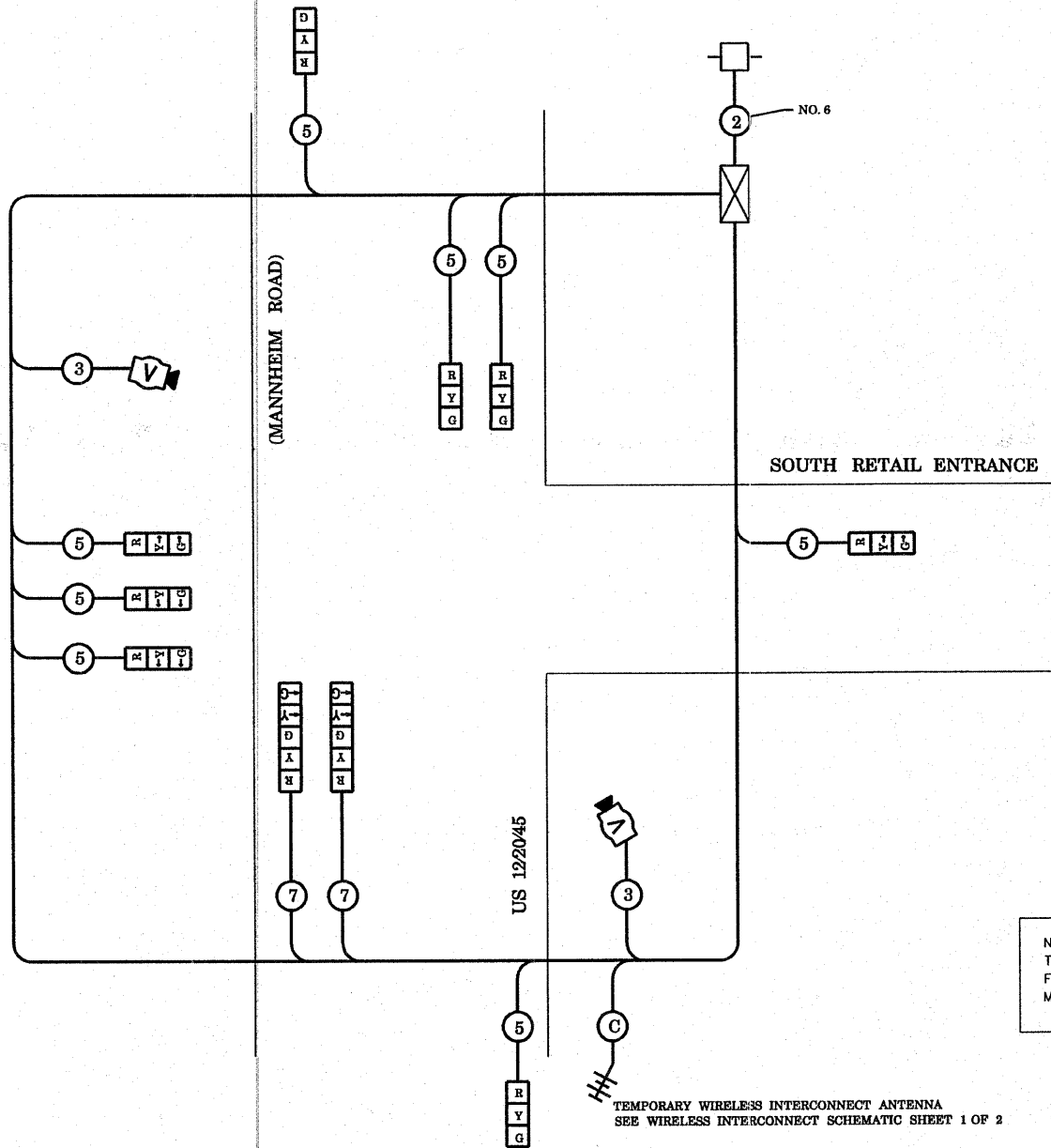


**CONTROLLER SEQUENCE**



**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 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	
		INCAND.	LED		
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
PED. 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 (708)410-5314 COMMONWEALTH EDISON					

FILE NAME =	USER NAME = kanthaphixybc	DESIGNED - N.B.	REVISED -
ci:\projects\traffic\070027\us12_20_45.dgn		DRAWN - N.B.	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED - D.B.	REVISED -
	PLOT DATE = 10/10/2008	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. 330	SECTION 2008-006 TS	COUNTY COOK	TOTAL SHEETS 104	SHEET NO. 40
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E31	