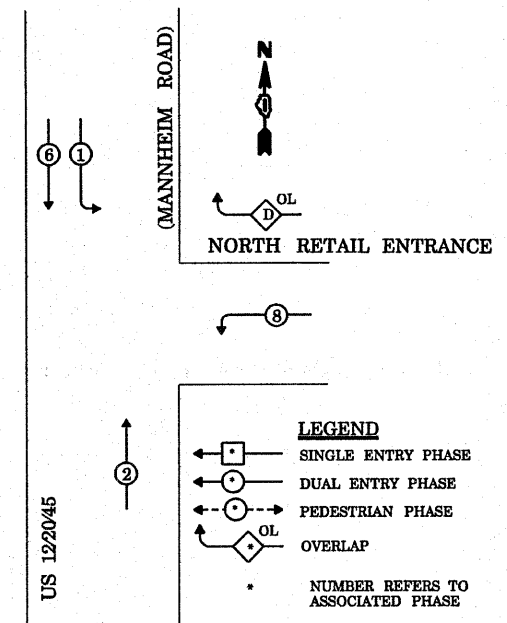


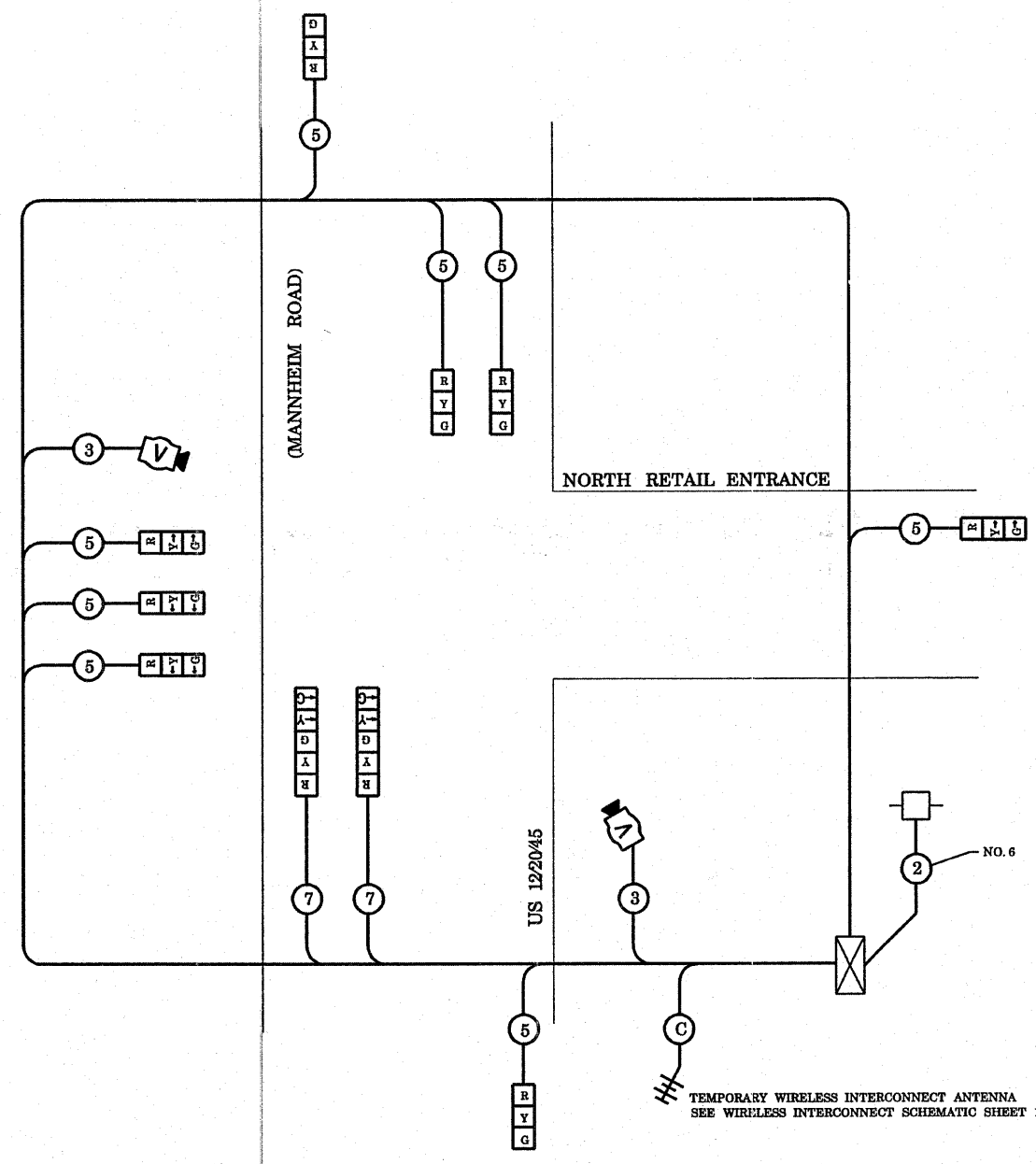


CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
D	= 8	+ 1



TEMPORARY CABLE DIAGRAM LEGEND

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

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

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

TEMPORARY CABLE PLAN

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	INCAND.	17	0.50	85.00
(YELLOW)	10		25	0.25	62.50
(GREEN)	10		15	0.25	37.50
ARROW	4		12	0.10	4.80
PED. SIGNAL			25	1.00	-
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN				0.05	-
FLASHER					-
ENERGY COSTS TO: VILLAGE OF MELROSE PARK					TOTAL = 289.80
ENERGY SUPPLY CONTACT: MR. MIKE BELL PHONE: (708)410-5314 COMPANY: COMMONWEALTH EDISON					

FILE NAME =	USER NAME = kanthephixybc	DESIGNED - N.B.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY CABLE PLAN			F.A.P. RTE. 330	SECTION 2008-006 TS	COUNTY COOK	TOTAL SHEETS 104	SHEET NO. 35	
PROJECT: c:\projects\traffic\070027\us12_20_45.dgn	PLOT SCALE = 40.0000' / IN.	DRAWN - N.B.	REVISED -		US 122045(MANNHEIM ROAD) AT NORTH RETAIL ENTRANCE			SCALE: NTS		SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60E31	
PLOT DATE = 10/10/2008	DATE = 09/04/2008	CHECKED - D.B.	REVISED -									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
		DATE = 09/04/2008	REVISED -										