

TEMPORARY SEQUENCE OF OPERATION

MOVEMENT								
PHASE	2 + 6				8			
INTERVAL	1	2	3A	3B	4	5	6A	6B
CHANGE TO	8				2+6			
IL ROUTE 19 (IRVING PARK RD.) E/B - ALL SIGNALS	G	G	Y	R	R	R	R	R
IL ROUTE 19 (IRVING PARK RD.) W/B - ALL SIGNALS	G	G	Y	R	R	R	R	R
WESLEY TERRACE N/B - ALL SIGNALS	R	R	R	R	G	G	Y	R
PEDESTRIAN SIGNAL - CROSSING WESLEY TERRACE	*P	*FH	H	H	H	H	H	H
PEDESTRIAN SIGNAL - CROSSING IL ROUTE 19 (IRVING PARK RD.)	H	H	H	H	*P	*FH	H	H

- * TO APPEAR ONLY UPON PUSHBUTTON ACTUATION
- ** FLASHING UPRAISED HAND IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN CLEARANCE INTERVAL.
- P = ILLUMINATED PERSON = "WALK"
- FH = FLASHING UPRAISED HAND = "FLASHING DON'T WALK"
- H = ILLUMINATED SOLID HAND = "DON'T WALK"

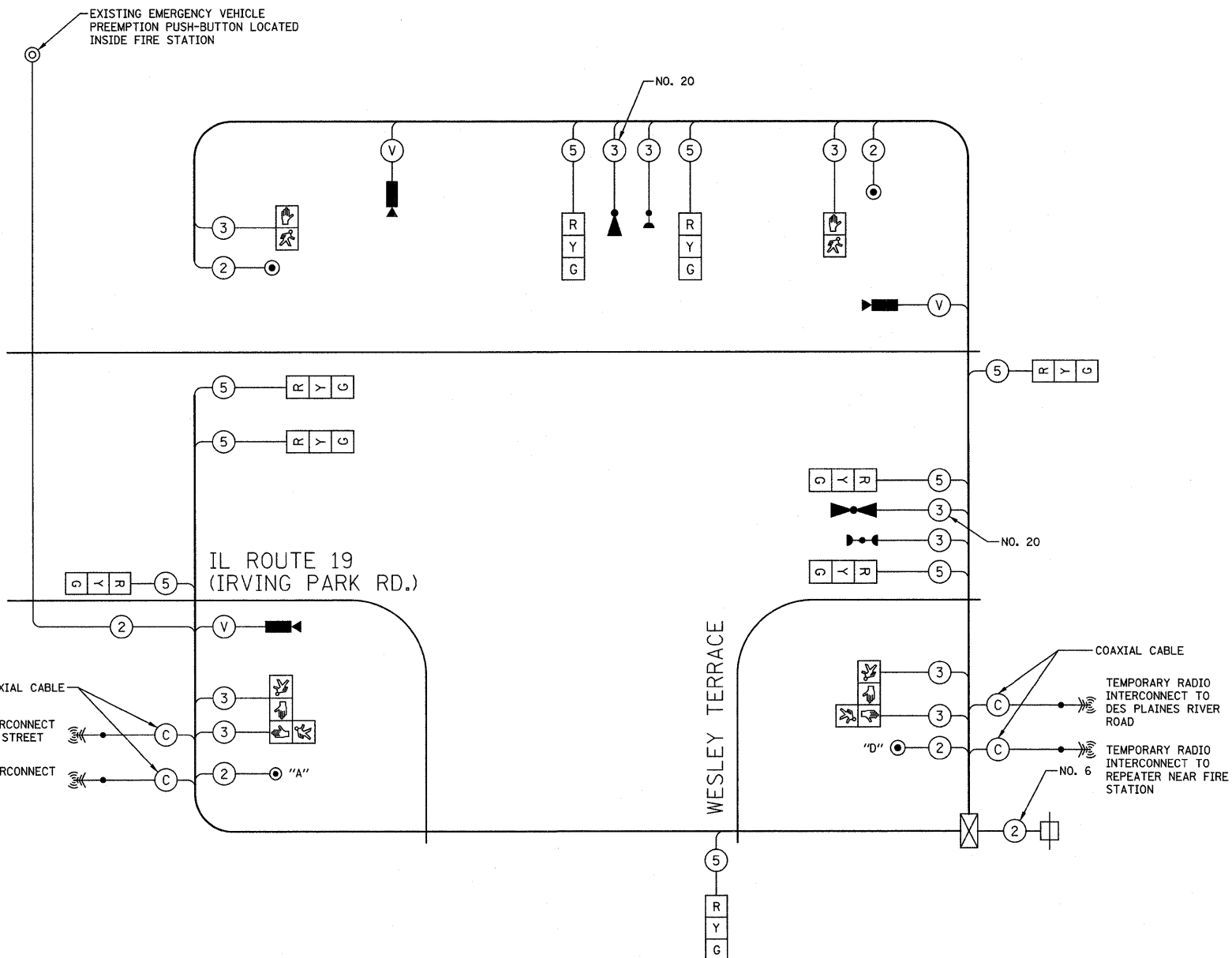
TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1		1		4		4		PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 5	CLEAR TO NORMAL SEQUENCE
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	2	3	4	
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	1C	OR 4	3	1F	1G	OR 3	4				
IL ROUTE 19 (IRVING PARK RD.) E/B - ALL SIGNALS	G	Y	R	G	R	R	R	R	G	G	R	◇
IL ROUTE 19 (IRVING PARK RD.) W/B - ALL SIGNALS	G	Y	R	G	R	R	R	R	G	R		◇
WESLEY TERRACE N/B - ALL SIGNALS	R	R	R	R	G	Y	R	G	R	R	G	◇
PEDESTRIAN SIGNAL - CROSSING WESLEY TERRACE	*FH	H	H	*FH	H	H	H	H	H	H	H	◇
PEDESTRIAN SIGNAL - CROSSING IL ROUTE 19 (IRVING PARK RD.)	H	H	H	H	*FH	H	H	*FH	H	H	H	◇

- NOTE: PREEMPTOR NUMBER 3 SHALL BE ACTIVATED BY THE PUSHBUTTON LOCATED INSIDE THE FIRE STATION.
- ◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2, 3, OR 4 IS TERMINATED.
- ** FLASHING UPRAISED HAND IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN CLEARANCE INTERVAL.
- P = ILLUMINATED PERSON = "WALK"
- FH = FLASHING UPRAISED HAND = "FLASHING DON'T WALK"
- H = ILLUMINATED SOLID HAND = "DON'T WALK"

TEMPORARY CABLE PLAN LEGEND

- R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- ☒ TEMPORARY CONTROLLER CABINET
- ☒ TEMPORARY SERVICE INSTALLATION
- ⑤ INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- ▲ EMERGENCY VEHICLE LIGHT DETECTOR
- ▶ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- ⊙ PUSHBUTTON DETECTOR
- ⊙ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- ▶ VIDEO VEHICLE DETECTOR
- ⊙ RADIO ANTENNA
- V VENDOR CABLE



TEMPORARY CABLE PLAN
NOT TO SCALE

NOTE:
PUSH-BUTTON "A" SHALL PLACE A CALL TO PHASES 2 AND 8.
PUSH-BUTTON "D" SHALL PLACE A CALL TO PHASES 8 AND 2.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER 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		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	9	17		0.50	77
(YELLOW)	9		25	0.25	56
(GREEN)	9		15	0.25	34
ARROW					
PED. SIGNAL	6		25	1.00	150
CONTROLLER	1		100	1.00	100
FLASHER				0.50	
TOTAL =					417

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
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SCHAUMBURG, IL 60196-1096
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