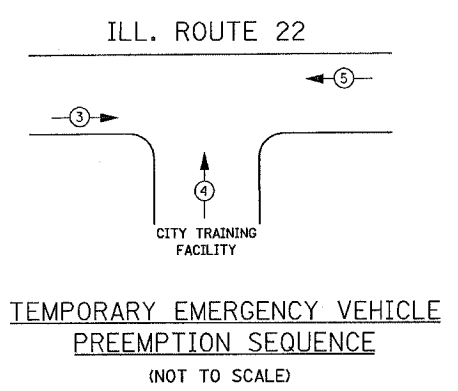
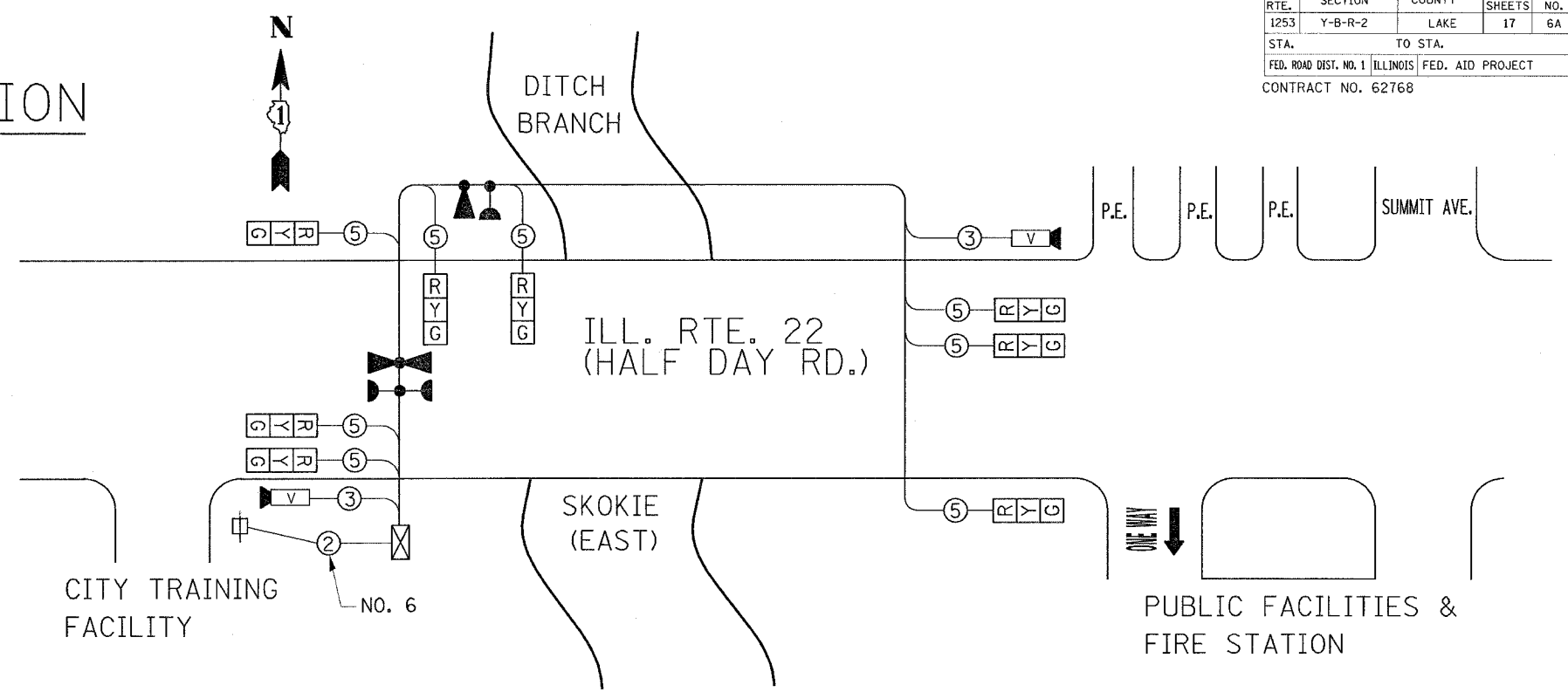


F.A.U. RTE. 1253	SECTION Y-B-R-2	COUNTY LAKE	TOTAL SHEETS 17	SHEET NO. 6A
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62768				

# TEMPORARY SEQUENCE OF OPERATION

MOVEMENT	IL. RTE 22 →		IL. RTE 22 ↑		IL. RTE 22 ←		F L	
PHASE	1		2		3		A S	
INTERVAL	1	2A 2B	3	4A 4B	5	6A 6B	H	
CHANGE TO	/	1, 2	/	2	/	1, 3		
ILL. RTE. 22 SIGNAL (E/B)	G	Y R	R R	R R	R R	R R	R	
TRAINING FACILITY	R	R R	G Y	R R	R R	R R	R	
ILL. RTE. 22 SIGNAL (W/B)	R	R R	R R	R R	G Y	R R	R	



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	↑	←

### CONSTRUCTION NOTES:

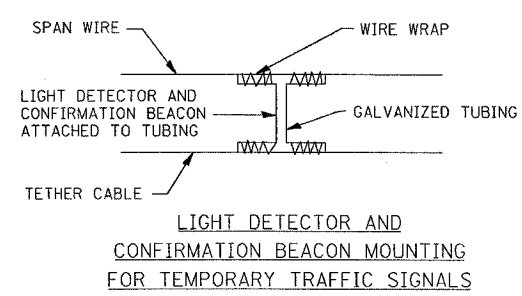
- CONTROLLER WITH STEEL BASE CABINET SHALL BE MOUNTED ON A WOOD STAND
- STAGING SHOWN ON THE PLAN SHOULD USE AS A GUIDE ONLY. THE EXACT STAGING MUST BE COORDINATED WITH THE BUREAU OF MAINTENANCE
- THE SPEED LIMIT WILL BE 20MPH
- THE SIGNS (W13-1 (24")) FOR SPEED LIMIT SHALL BE INCLUDED IN WITH TRAFFIC CONTROL STANDARD 701321-08.

### TEMPORARY CABLE DIAGRAM LEGEND

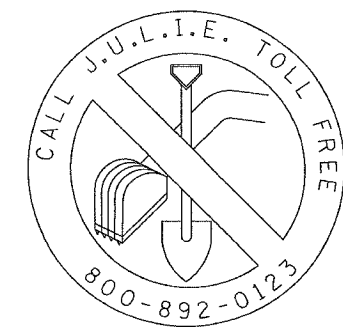
- R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300 mm)
- ⊠ TEMPORARY CONTROLLER CABINET
- ⊞ TEMPORARY SERVICE INSTALLATION
- ⑤ INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- ▶ EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- VEHICLE DETECTOR, INDUCTION LOOP
- ⊞ 12" (300mm) PEDESTRIAN SIGNAL SECTION
- M MICROWAVE VEHICLE SENSOR
- V VIDEO DETECTOR SENSOR
- C CLOSED CIRCUIT TV
- BB BATTERY - BACK UP
- T TELEPHONE CONNECTION

EMC SUMMARY OF QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	X% OPERATION	
SIGNAL (RED)	8	135	17	0.50	540.0
(YELLOW)	8	135	25	0.25	270.0
(GREEN)	8	135	15	0.25	270.0
ARROW		135	12	0.10	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
TOTAL =					1180.0



FOUNDATION (DEPTH)	(FT.) (m)	CABLE SLACK	(FT.) (m)	VERTICAL	(FT.) (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20' + L - 2 = (6m+L-0.6m)=
E - M. ARM POLE		SIGNAL POST	2 (1.0)		
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)



REV 10.31.06

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TEMPORARY BRIDGE CABLE PLAN AND  
TEMPORARY PHASE DESIGNATION DIAGRAM  
**ILL. ROUTE 22 OVER  
E. BRANCH SKOKIE DITCH**  
SCALE: VERT. N.T.S.  
HORIZ. DATE 10/31/2006  
DRAWN BY: SN  
DESIGNED BY: DC  
CHECKED BY: DAD