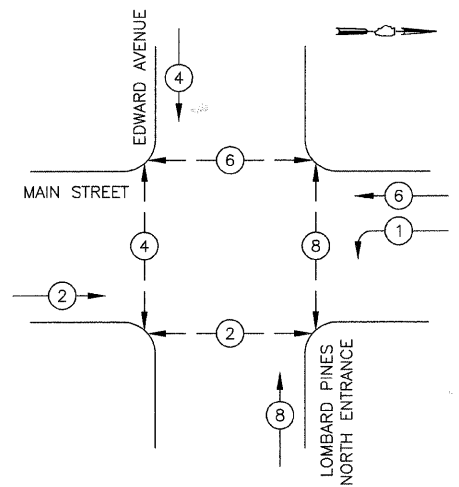
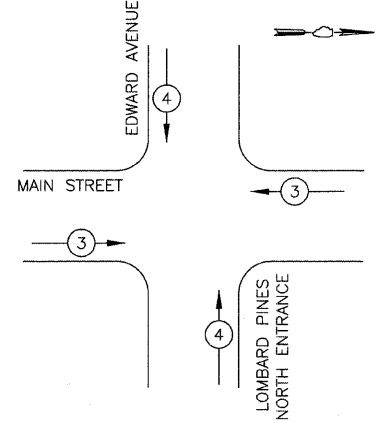


TEMPORARY CONTROLLER SEQUENCE



TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

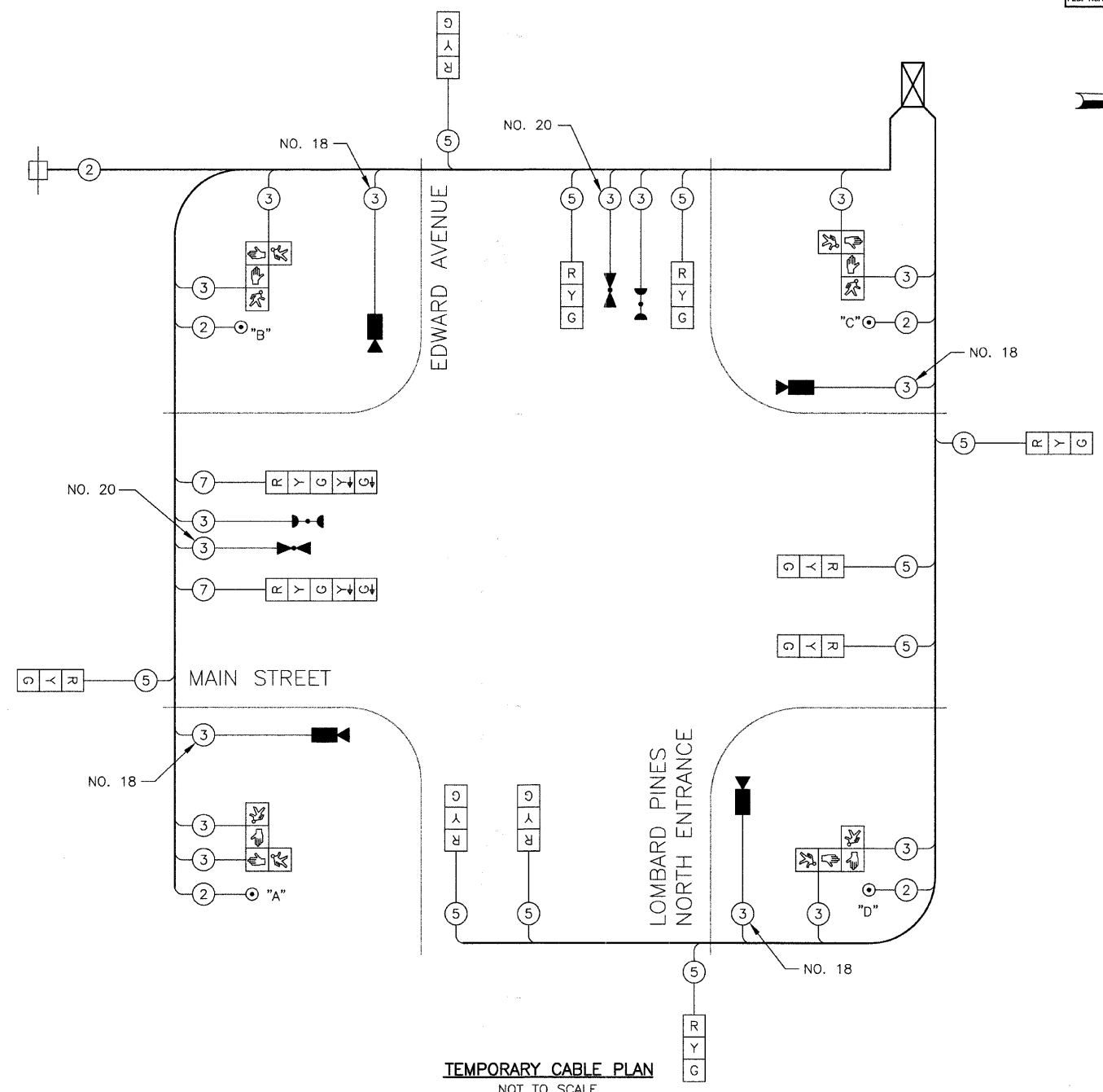
LEGEND

- ⊛ DUAL ENTRY PHASE
- ⊛ SINGLE ENTRY PHASE
- ⊛ OL OVERLAP
- ⊛ PEDESTRIAN MOVEMENT
- * NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM

TEMPORARY CABLE PLAN LEGEND

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



TEMPORARY CABLE PLAN
NOT TO SCALE

NOTE:
 PUSHBUTTON A SHALL PLACE A CALL TO PHASES 2 & 4
 PUSHBUTTON B SHALL PLACE A CALL TO PHASES 4 & 6
 PUSHBUTTON C SHALL PLACE A CALL TO PHASES 6 & 8
 PUSHBUTTON D SHALL PLACE A CALL TO PHASES 8 & 2

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	12	135	17	50	810
(YELLOW)	12	135	25	25	405
(GREEN)	12	135	15	25	405
ARROW	4	135	12	10	54
PED. SIGNAL	8	90	25	100	720
CONTROLLER	1	100	100	100	100
DET. CAMERA	4	25	25	100	100
FLASHER					
TOTAL =					2594

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'
E - M. ARM POLE		SIGNAL POST	2 (1.0)		(6m+L-0.6m)=
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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL CABLE PLAN AND SEQUENCE OF OPERATIONS

MAIN STREET & EDWARD AVENUE

DATE: 11/26/07
 DESIGNED BY: BRD
 CHECKED BY: JJE

SCALE: NOT TO SCALE