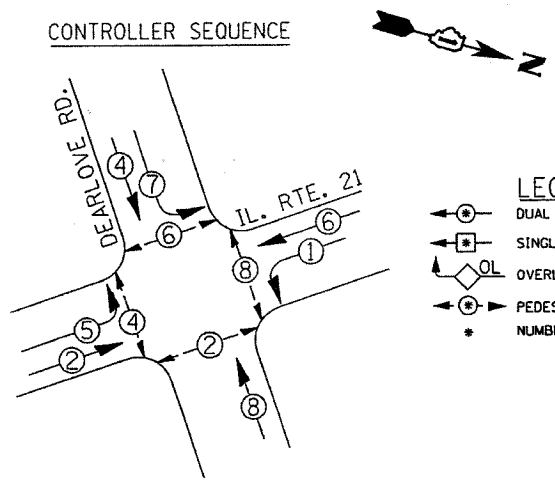
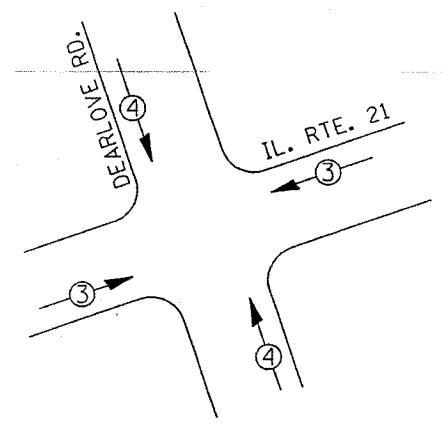


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	211-K-V-X-B	COOK	38	13
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60C20				



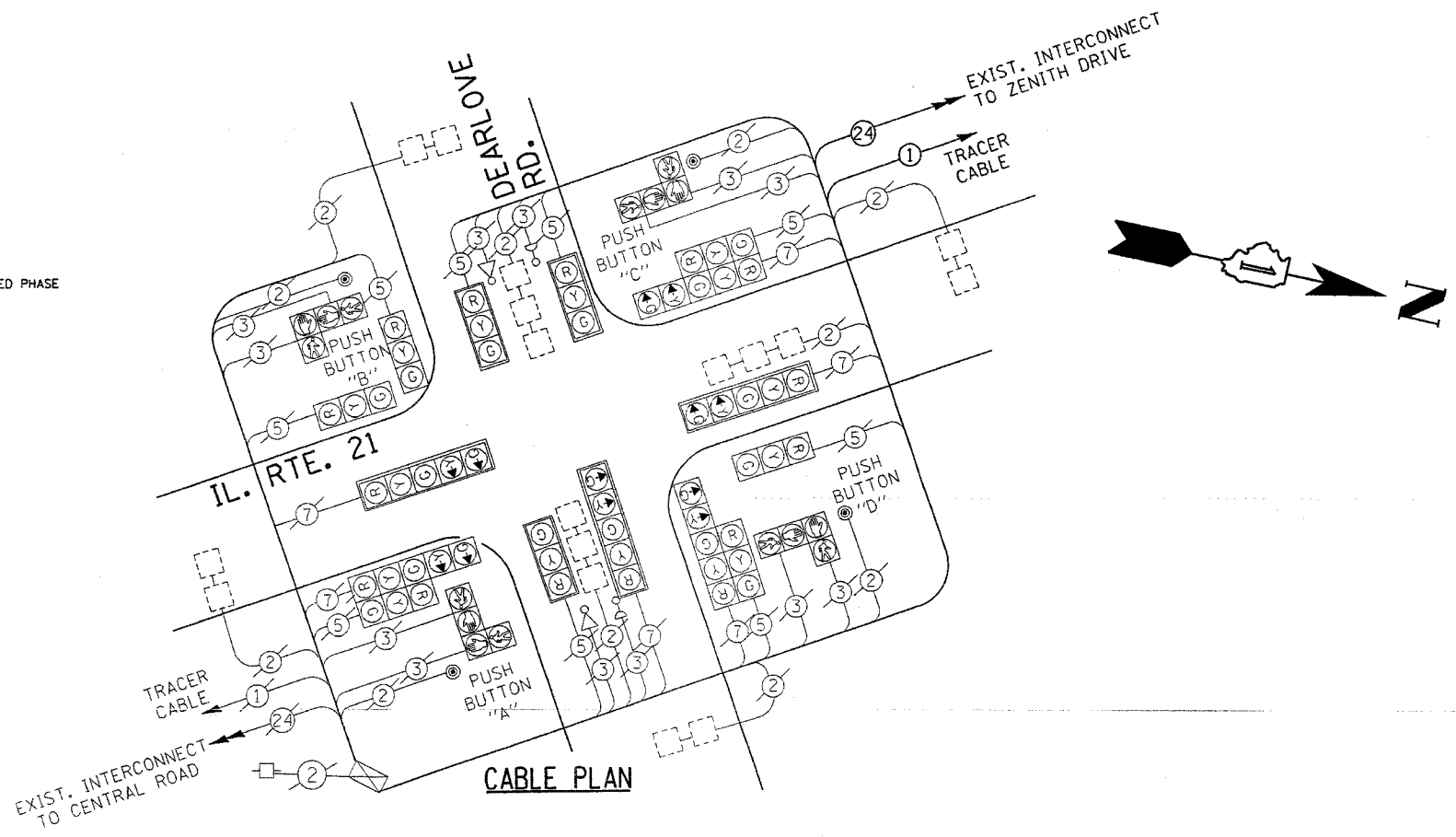
EXISTING PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↔	↕

- LEGEND**
- ⊕ DUAL ENTRY PHASE
 - ⊖ SINGLE ENTRY PHASE
 - ⊕ OVERLAP
 - ⊖ PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE



CABLE PLAN LEGEND

- | | |
|---|--|
| <p>EXISTING PROPOSED</p> <ul style="list-style-type: none"> ⊕ 8" (200mm) TRAFFIC SIGNAL SECTION ⊖ 12" (300mm) TRAFFIC SIGNAL SECTION ⊕ 12" (300mm) PEDESTRIAN SIGNAL SECTION ⊖ 12" (300mm) PEDESTRIAN SIGNAL SECTION ⊕ CONTROLLER CABINET ⊖ SERVICE INSTALLATION ⊕ TELEPHONE CONNECTION ⊖ MAGNETIC DETECTOR ⊕ EMERGENCY VEHICLE LIGHT DETECTOR ⊖ CONFIRMATION BEACON ⊕ PUSHBUTTON DETECTOR ⊖ VEHICLE DETECTOR, INDUCTION LOOP ⊕ ② DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED. | <p>EXISTING PROPOSED</p> <ul style="list-style-type: none"> ⊕ SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD ⊖ RAILROAD CONTROL CABINET ⊕ ILLUMINATED SIGN "NO LEFT TURN" ⊖ ILLUMINATED SIGN "NO RIGHT TURN" ⊕ GROUND ROD AT HANDHOLE(H), DOUBLE HANDHOLE(H), OR CONTROLLER(C) ⊖ GROUND ROD AT POST (P) OR MAST ARM POLE (MA) ⊕ GROUND ROD AT ELECTRIC SERVICE INSTALLATION ⊖ ① GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN) ⊕ ②④ FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F ⊖ UNINTERRUPTABLE POWER SUPPLY |
|---|--|

TYPE	NO. LAMPS*	WATTAGE (INCAND.)	LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	15	135	17	0.50	127.50
(YELLOW)	15	135	25	0.25	93.75
(GREEN)	15	135	15	0.25	56.25
ARROW	12	135	12	0.10	14.40
PED. SIGNAL	4	90	25	1.00	100.00
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	491.90

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHALMURG, ILLINOIS 60196-1096
CONTACT: LARRY D. SHANK
PHONE: (847) 291-3214
COMPANY: COM. EDISON

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'-H-2'
E - M. ARM POLE		SIGNAL POST	2 (1.0)		16m+L-0.6m±
	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
	15 (4.6)	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)

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND SCHEDULE OF QUANTITIES
IL. RTE. 21 (MILWAUKEE AVE.) AT DEARLOVE ROAD

SCALE: 1"=20'
DATE: 7/18/2007

DRAWN BY: BCK
DESIGN BY: BCK
CHECKED BY: DAD