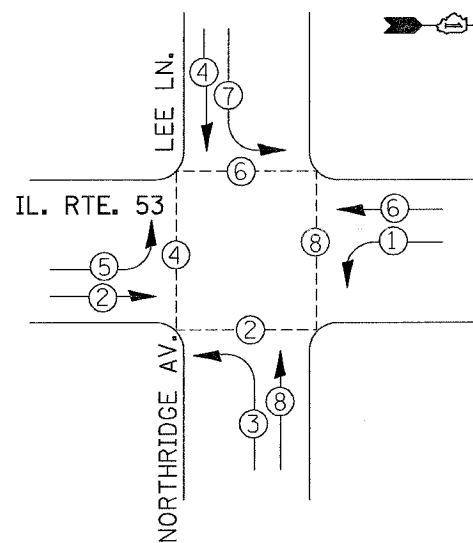
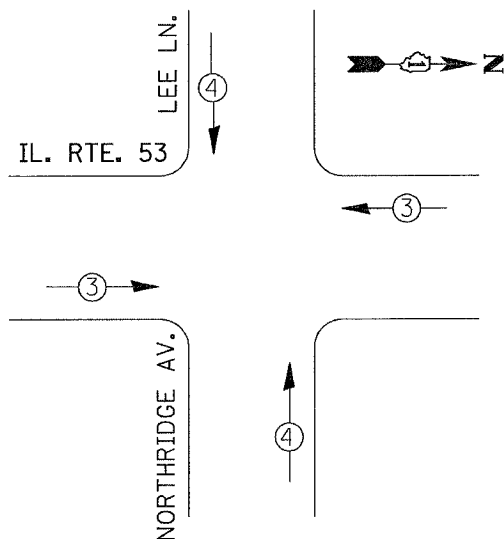


TEMPORARY SIGNAL INSTALLATION
CONTROLLER SEQUENCE

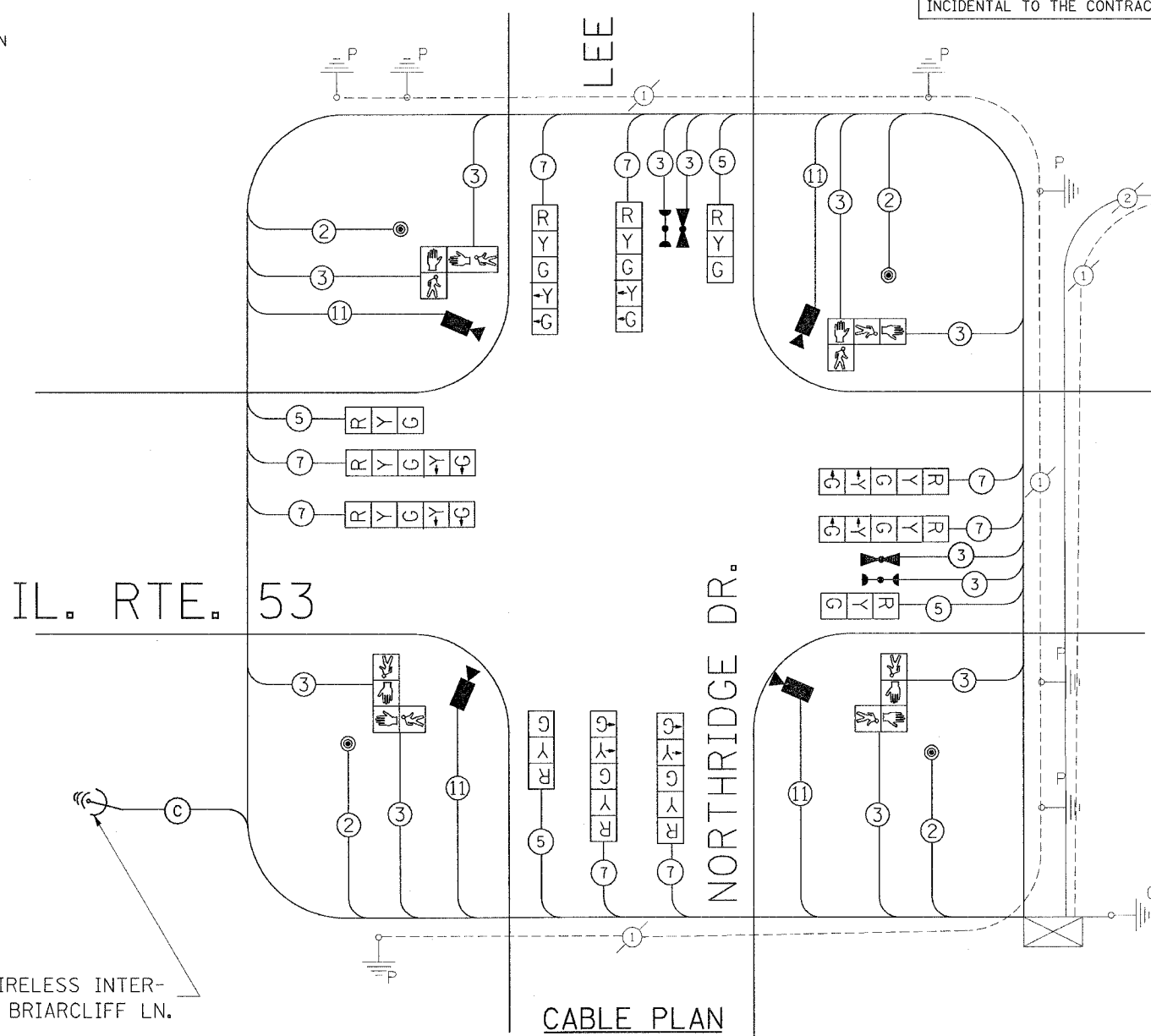


- LEGEND**
- DUAL ENTRY PHASE
 - PROTECTED LEFT TURN PHASE
 - OVERLAP
 - PEDESTRIAN PHASE
 - NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY SIGNAL INSTALLATION
EMERGENCY VEHICLE PREEMPTION SEQUENCE



RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED. RESTORATION OF THE WORK AREA SHALL BE INCIDENTAL TO THE CONTRACT WITHOUT ANY EXTRA COMPENSATION ALLOWED TO THE CONTRACTOR.



TEMPORARY CABLE DIAGRAM LEGEND

- | | PROPOSED | EXISTING |
|--|----------|----------|
| TEMPORARY CONTROLLER CABINET | | |
| TEMPORARY SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT | | |
| TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION, 12" (300 mm) | | |
| 12" (300 MM) PEDESTRIAN SIGNAL SECTION | | |
| ELECTRIC CABLE IN CONDUIT, NO. 14, UNLESS OTHERWISE NOTED. NUMBER OF CONDUCTORS AS NOTED | | |
| PEDESTRIAN PUSHBUTTON DETECTOR | | |
| VEHICLE DETECTOR, INDUCTION LOOP | | |
| MICROWAVE VEHICLE SENSOR | | |
| VIDEO DETECTOR | | |
| CLOSED CIRCUIT TV | | |
| EMERGENCY VEHICLE SYSTEM DETECTOR | | |
| CONFIRMATION BEACON | | |
| WIRELESS INTERCONNECT | | |

PROPOSED WIRELESS INTERCONNECT TO BRIARCLIFF LN.

CABLE PLAN

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE (INCAND.)	LED	% OPERATION	
SIGNAL (RED)	12	135	17	0.50	127.50
(YELLOW)	12	135	25	0.25	93.75
(GREEN)	12	135	15	0.25	56.25
ARROW	16	135	12	0.10	14.40
PED. SIGNAL	8	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

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'=(6m+H.-0.6m)=
E - M. ARM POLE		SIGNAL POST	2 (1.0)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	PED. PUSHBUTTON	4 (1.2)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	6 (1.8)

IL. DEPT. OF TRANSPORTATION
201 WEST CENTER COURT
SCHAMBURG, ILLINOIS 60196-1096
CONTACT: KEA MCKENZIE
PHONE: (630) 437-2495
COMPANY: COM. EDISON

DESIGNED - BCK
DRAWN - BCK
CHECKED - DAD
DATE - 8/31/2007

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, PHASE DESIGNATION
DIAGRAM, AND SCHEDULE OF QUANTITIES
IL. RTE. 53 AT BRIARCLIFF RD.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	534- R-1-T	WILL	42	26

CONTRACT NO.

SCALE: SHEET NO. OF SHEETS STA. TO STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT