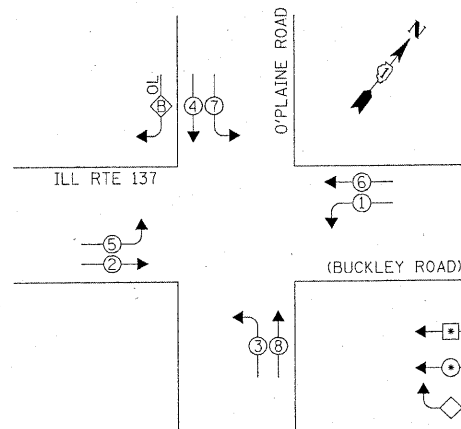


TEMPORARY CONTROLLER SEQUENCE

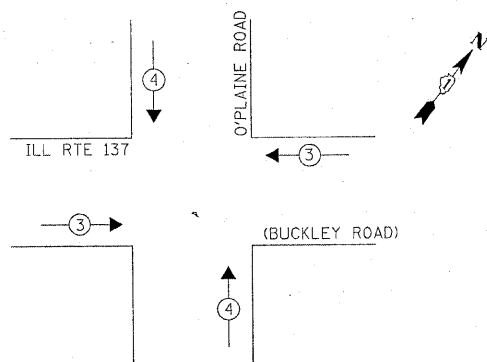


- LEGEND**
- ◻ SINGLE ENTRY PHASE
 - ◉ DUAL ENTRY PHASE
 - ◊ OL OVERLAP
 - ◉ PEDESTRIAN PHASE
 - NUMBER REFERS TO ASSOCIATED PHASE

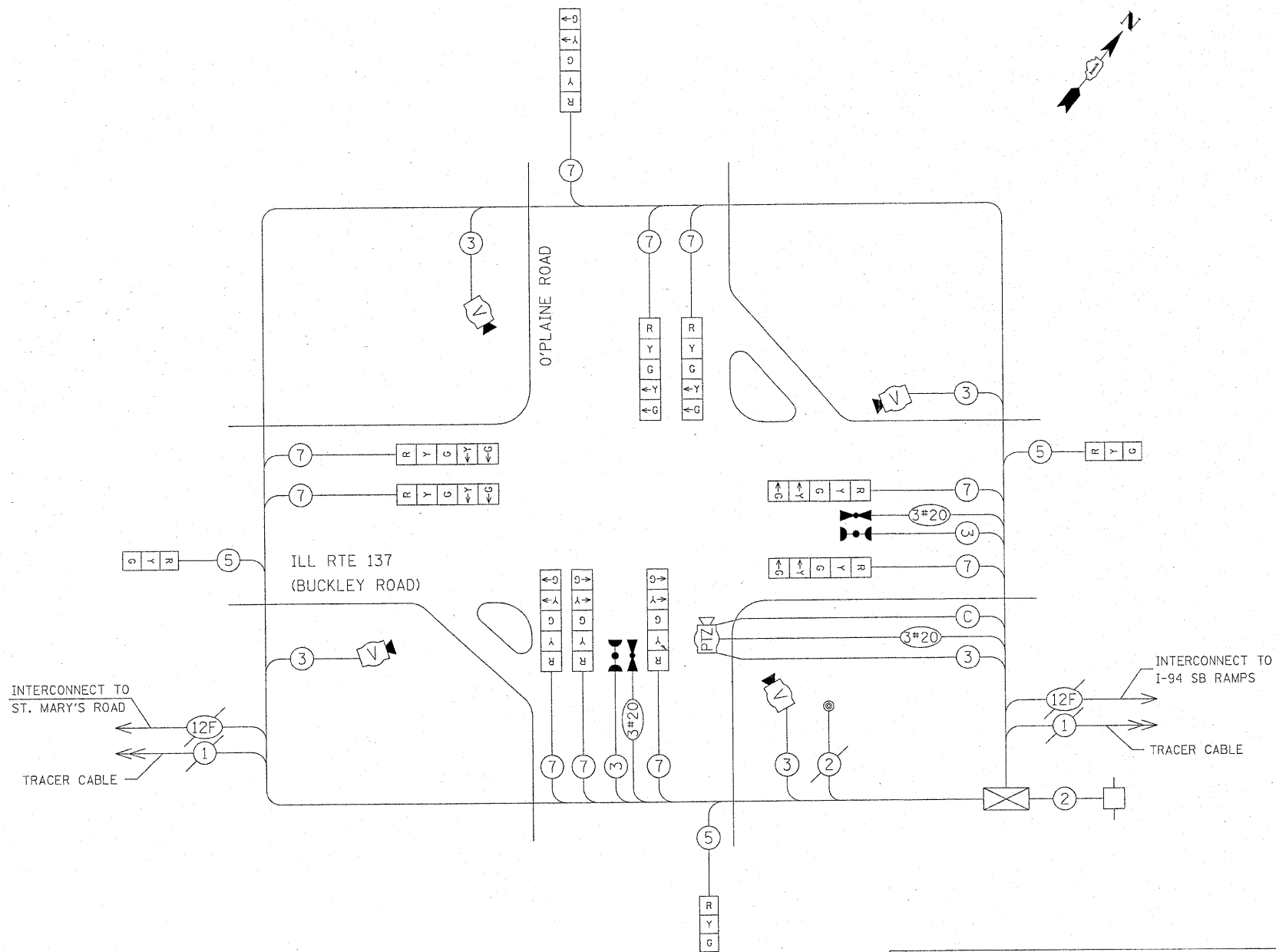
TEMPORARY PHASE DESIGNATION DIAGRAM

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



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



TEMPORARY CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	13	17		0.50	110.50
(YELLOW)	13	25		0.25	81.25
(GREEN)	13	15		0.25	48.75
ARROW	20	12		0.10	24.00
PED. SIGNAL	-	25		1.00	-
CONTROLLER	1	100		1.00	100.00
ILLUM. SIGN	-	25		0.05	-
VIDEO SYSTEM	1	150		1.00	150.00
FLASHER				0.05	
TOTAL =					514.50

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY CONTACT:
PHONE:
COMPANY: COMMONWEALTH EDISON

CONSTRUCTION NOTES:

- ① RELOCATE EXISTING REMOTE-CONTROLLED VIDEO SYSTEM AND EXISTING SWITCH TO THE MAST ARM ON THE TEMPORARY WOOD POLE AND TEMPORARY CONTROLLER CABINET.
- ② REMOVE THE EXISTING SYSTEM INTERCONNECT FROM THE EXISTING CONTROLLER AND INSTALL IN THE TEMPORARY CONTROLLER CABINET, PER DISTRICT ONE TRAFFIC SIGNAL SPECIFICATIONS. FIBER OPTIC INTERCONNECT CABLES FROM THE EXISTING CONTROLLER SHALL BE INSTALLED VIA NEW 2" G.S. CONDUIT FROM THE EXISTING DOUBLE HANDHOLE, UP THE TEMPORARY WOOD POLE, INTO THE TEMPORARY CONTROLLER. THE ENDS OF THE F.O. CABLE BEING INSTALLED SHALL BE SPLICED AND/OR TERMINATED WITH APPROVED MECHANICAL CONNECTORS (INCLUDING EX. FIBERS THAT ARE JOINED TO NEW F.O. CABLE).
- ③ THE EXISTING PEDESTRIAN PUSHBUTTON SHALL REMAIN IN SERVICE UNTIL THE PROPOSED PEDESTRIAN PUSHBUTTON IS OPERATIONAL.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, 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 IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. ROUTE 137 @ O'PLAINE ROAD
TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM AND
TEMPORARY EMERGENCY PREEMPTION SEQUENCE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	56N-4	LAKE	50	24
CONTRACT NO. 60K19				

APEX
CONSULTING ENGINEERS, LLC
111 E. Wacker Drive Suite 520
Chicago, IL 60601