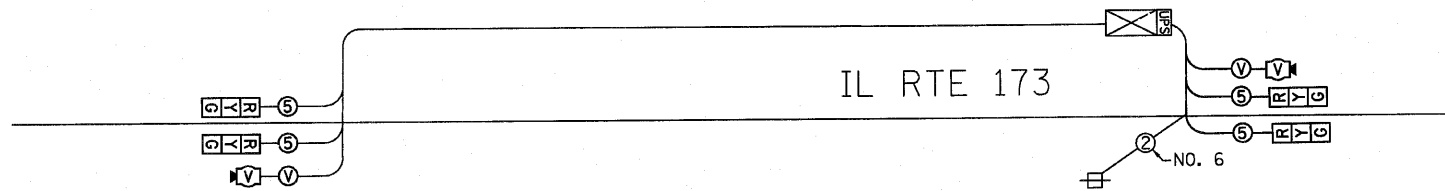


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	1341B & B-21R-1	LAKE	137	44
STA. 26+090 TO STA. 26+625				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 62037				

**TEMPORARY CABLE DIAGRAM LEGEND**

Ⓟ VENDOR'S CABLE.



**TEMPORARY SEQUENCE OF OPERATION**

MOVEMENT	1 →		← 2		F L A S H	
	1		2			
PHASE	1		2			
INTERVAL	1	2A	2B	3	4A	4B
CHANGE TO	2		1			
ILL 173 ALL SIGNALS	EB	G	Y	R	R	R
ILL 173 ALL SIGNALS	WB	R	R	R	G	Y

**QUANTITIES**

89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
X0325737	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND.	LED	X % OPERATION	
SIGNAL (RED)	4	-	17	0.50	34.0
(YELLOW)	4	-	25	0.25	25.0
(GREEN)	4	-	15	0.25	15.0
ARROW	-	-	12	0.10	-
PED. SIGNAL	-	-	25	1.00	-
CONTROLLER	1	-	100	1.00	100.0
TOTAL =					174.0

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, 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 SEEDDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

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-
C - M. ARM POLE		SIGNAL POST	2 (1.0)	(6m-H-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)

**Applied Technologies**

**TERRA ENGINEERING LTD.**

505 N. LaSalle Street, Suite 250  
Chicago, IL 60610.  
(312) 467-0123

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
IL ROUTE 173 OVER EAST BOAT CHANNEL  
**TEMPORARY CABLE PLAN, SEQUENCE OF OPERATION AND SCHEDULE OF QUANTITIES**

SCALE: N.T.S.  
DATE: 3-8-10

DRAWN BY: GAO  
CHECKED BY: TCM

ENERGY COSTS TO: TOTAL = 174.0  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAY/DISTRICT 1  
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096  
ENERGY SUPPLY: CONTACT: DOROTHY PROSEN  
PHONE: (847) 816-5323  
COMPANY: COMED