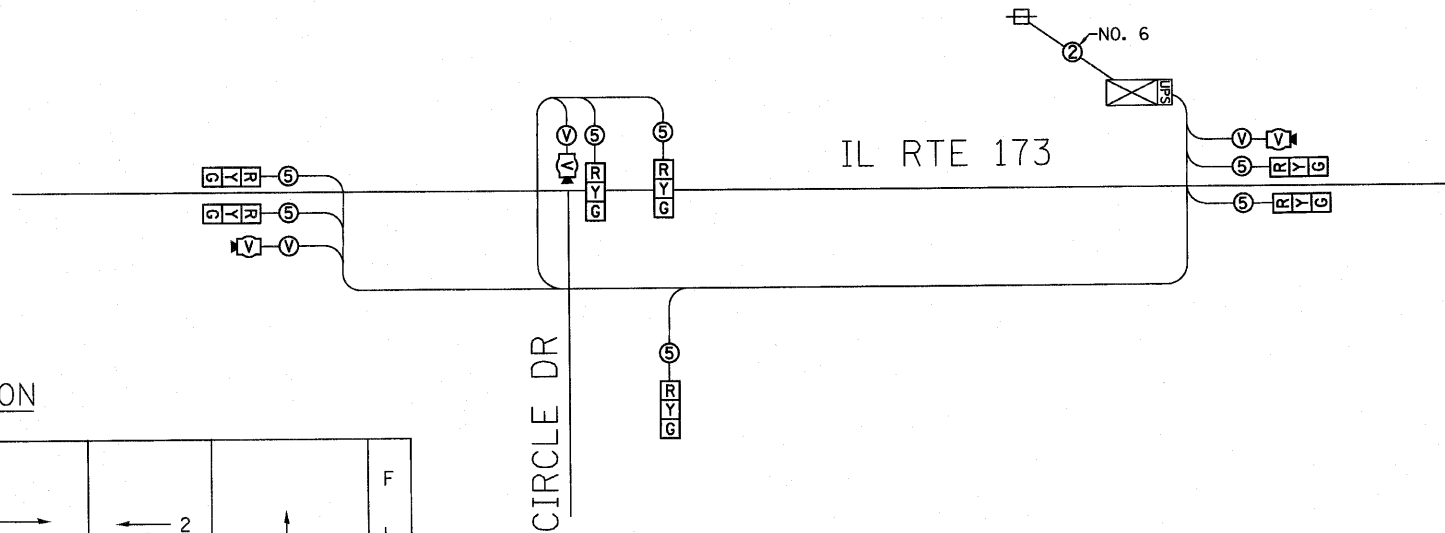


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	1341B & B-21R-1	LAKE	137	37
STA. 25+000 TO STA. 25+197				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 62037				

TEMPORARY CABLE DIAGRAM LEGEND

Ⓟ VENDOR'S CABLE.



TEMPORARY SEQUENCE OF OPERATION

MOVEMENT	1 →		← 2		↑ 3		F L A S H
	1	2A	2B	3	4A	4B	
PHASE	1		2		3		
INTERVAL	1	2A	2B	3	4A	4B	5
CHANGE TO		2	3	1	2		
ILL 173 ALL SIGNALS	EB	G	Y	R	R	R	R
ILL 173 ALL SIGNALS	WB	R	R	R	G	Y	R
CIRCLE DRIVE ALL SIGNALS	NB	R	R	R	R	R	G

QUANTITIES			
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
X0325737	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
X0326276	TEMPORARY LIGHTING FOR SINGLE LANE STAGING	L SUM	1

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	7	-	17	0.50	59.5
(YELLOW)	7	-	25	0.25	43.8
(GREEN)	7	-	15	0.25	26.3
ARROW	-	-	12	0.10	-
PED. SIGNAL	-	-	25	1.00	-
CONTROLLER	1	-	100	1.00	100.0
TOTAL =					229.6

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 SEEDING 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'±L-2'±(6m±L-0.6m)±
C - M. ARM POLE	10 (3.0)	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)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	6 (1.8)

Applied Technologies

TERRA ENGINEERING LTD.

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Chicago, IL 60610.
(312) 467-0123

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL ROUTE 173 OVER WEST 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

3115TRAFFI1.DGN