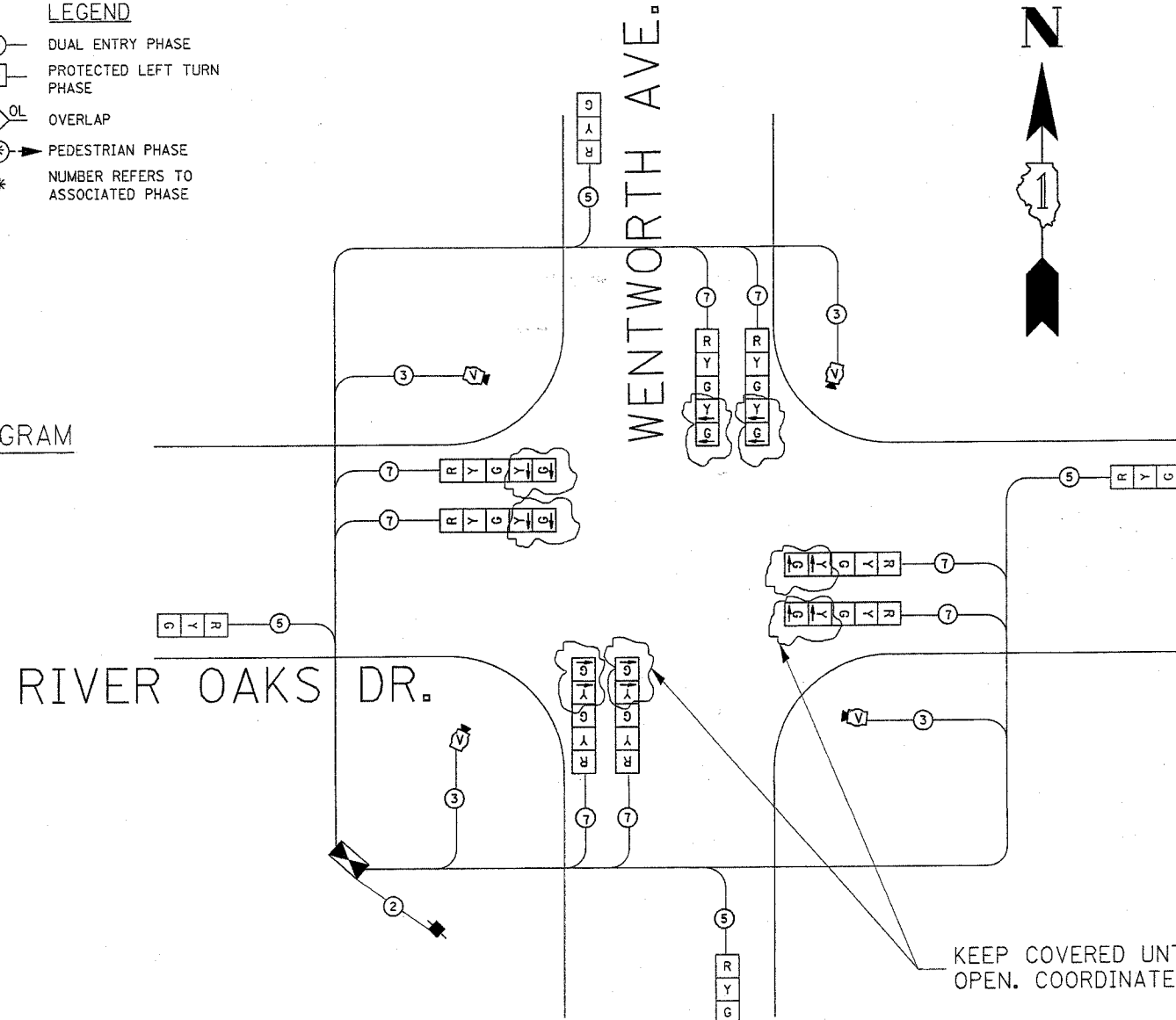


TEMPORARY PHASE DESIGNATION DIAGRAM



TEMPORARY CABLE PLAN

**TEMPORARY CABLE DIAGRAM LEGEND**

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

KEEP COVERED UNTIL ALL LEFT TURN LANES OPEN. COORDINATE WITH TRAFFIC AREA ENGINEER.

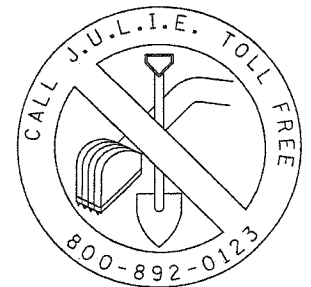
**TEMPORARY SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE (INCAN.)	LED	% OPERATION	
SIGNAL (RED)	8	135	17	0.50	540.00
(YELLOW)	16	135	25	0.25	540.00
(GREEN)	16	135	15	0.25	540.00
ARROW	16	135	12	0.10	216.00
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN		84		0.05	
TOTAL =					1936.00

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION  
201 WEST CENTER COURT  
SCHAMBURG, ILLINOIS 60196-1096  
CONTACT: KEVIN LUBAWSKI  
PHONE: 630-437-2495  
COMPANY: COMM. ED.

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'±
E - M. ARM POLE		SIGNAL POST	2 (1.0)	(6m±L-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)
36" (900mm)	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)



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TEMPORARY CABLE PLAN AND PHASE DESIGNATION DIAGRAM WENTWORTH AVE AT RIVER OAKS DR.
NAME	DATE	

SCALE: NTS  
DATE: 2/21/2007  
DRAWN BY: BCK  
DESIGN BY: BCK  
CHECKED BY: DAD

2/21/2007  
c:\projects\traffic\060011\wentworthriveroaks.dgn  
kanthashikaybc