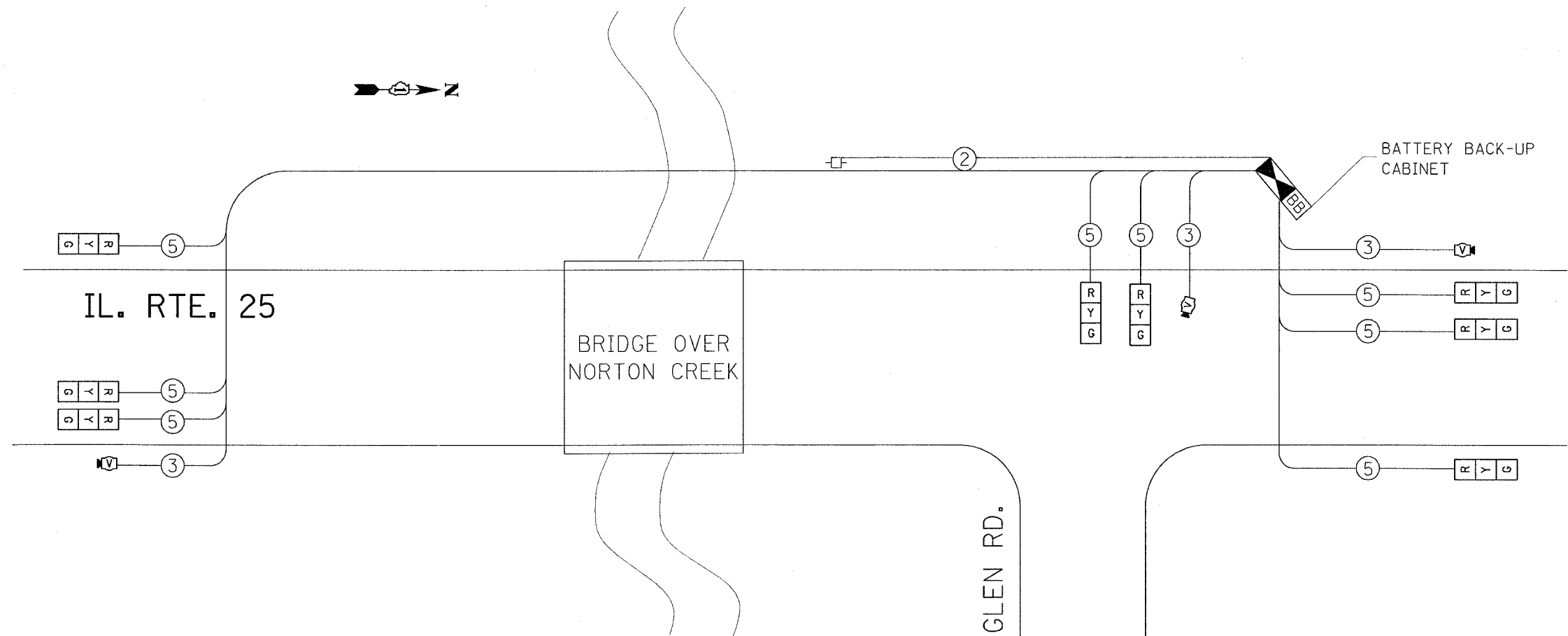


TEMPORARY CABLE DIAGRAM LEGEND

	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		
BATTERY BACK-UP		



CABLE PLAN

MOVEMENT	IL. RTE. 25		IL. RTE. 25		IL. RTE. 25		F	L	A	S	H	R
	1	2A	2B	3	4A	4B						
PHASE	1		2		3							
INTERVAL	1	2A	2B	3	4A	4B	5	6A	6B			
CHANGE TO	2		1,3		1,2							
FOX GLEN RD.	G	Y	R	R	R	R	R	R	R	R	R	R
IL. RTE. 25 SIGNALS	S/B	R	R	R	G	Y	R	R	R	R	R	R
IL. RTE. 25 SIGNALS	N/B	R	R	R	R	R	G	Y	R	R	R	R

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE (INCAND)	WATTAGE LED	% OPERATION	
SIGNAL (RED)	8	135	17	0.50	68.00
(YELLOW)	8	135	25	0.25	50.00
(GREEN)	8	135	15	0.25	30.00
ARROW		135	12	0.10	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 248.00

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)

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES
IL. RTE. 25 @ LAMBERT DR./FOX GLEN RD.
SCALE: 1"=20'
DATE 5/16/2007
DRAWN BY BCK
DESIGN BY BCK
CHECKED BY DAD

PLOT DATE = 5/16/2007
 FILE NAME = I:\Projects\effra\1070006\1125aroglen.dgn
 PLOT SCALE = 20.00000 / IN.
 USER NAME = kentphillips