F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
342	(G&12) 1-N-1	LAKE COUNTY	TO	36

STA.   TO STA.

STA.   TO STA.

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

CONTRACT NO. 62883

CONTROLLER SEQUENCE

N
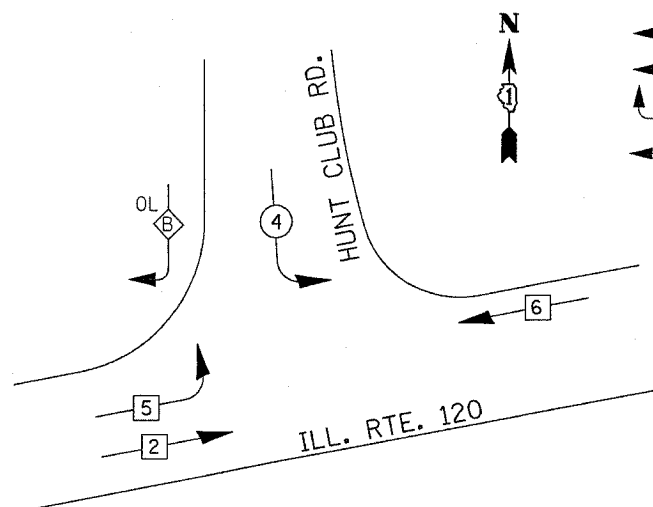
LEGEND

DUAL ENTRY PHASE

PROTECTED LEFT TURN PHASE

OL   OVERLAP

PEDESTRIAN PHASE

*   NUMBER REFERS TO ASSOCIATED PHASE

HUNT CLUB RD.

ILL. RTE. 120

TEMPORARY PHASE DESIGNATION DIAGRAM

	OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
	B =	4 +	5

TEMPORARY CABLE DIAGRAM LEGEND

	PROPOSED	EXISTING
TEMPORARY CONTROLLER CABINET		
TEMPORARY SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT	P	P
TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION, 12" (300 mm)	R	R
12" (300 MM) PEDESTRIAN SIGNAL SECTION		
ELECTRIC CABLE IN CONDUIT, NO. 14, UNLESS OTHERWISE NOTED. NUMBER OF CONDUCTORS AS NOTED	2	2
PEDESTRIAN PUSHBUTTON DETECTOR		
VEHICLE DETECTOR, INDUCTION LOOP		
MICROWAVE VEHICLE SENSOR	M	M
VIDEO DETECTOR	V	V
CLOSED CIRCUT TV	C	C
EMERGENCY VEHICLE SYSTEM DETECTOR		
CONFIRMATION BEACON		

HUNT CLUB RD.

N

—NO. 6

TEMPORARY CABLE PLAN

ILL. RTE. 120
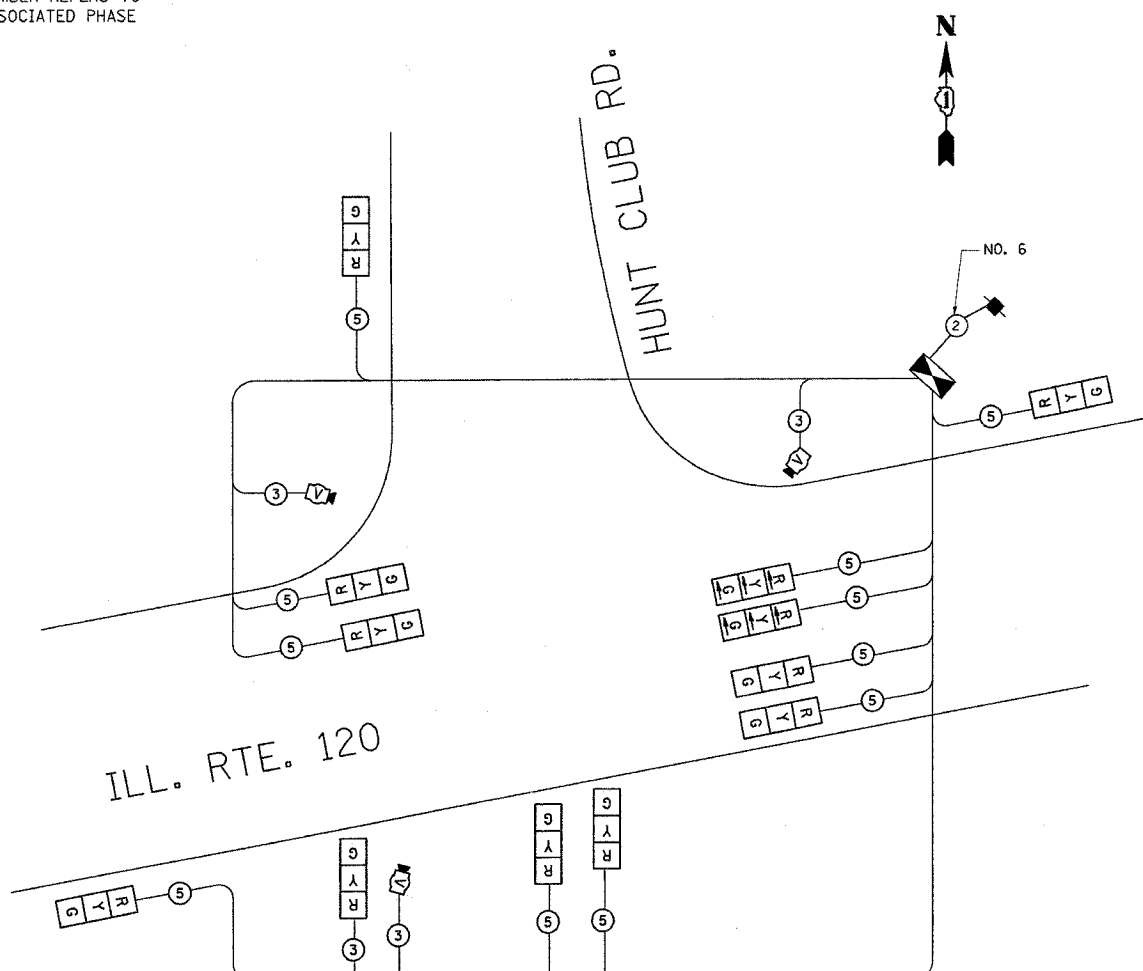
TEMPORARY SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

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

TYPE	NO. LAMPS*	WATTAGE INCAND.	LED	*%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	135	17	0.50	810.00
(YELLOW)	12	135	25	0.25	405.00
(GREEN)	12	135	15	0.25	405.00
ARROW	21	135	12	0.10	283.50
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 =	2003.5

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY   CONTACT: _____
PHONE: _____
COMPANY: _____

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)

CALL J.U.L.I.E. TOLL FREE
800-892-0123

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN AND TEMPORARY PHASE DESIGNATION DIAGRAM FOR IL. 120 @ HUNT CLUB RD.

STAGE I & II

SCALE: NONE

DATE 9/7/2006

DRAWN BY: BCK
DESIGNED BY: BCK
CHECKED BY: DAD