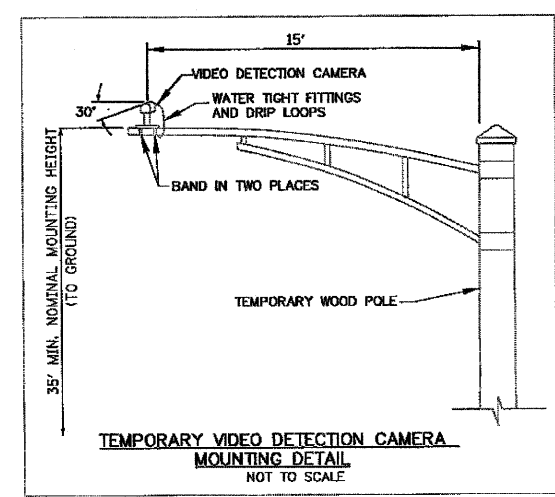
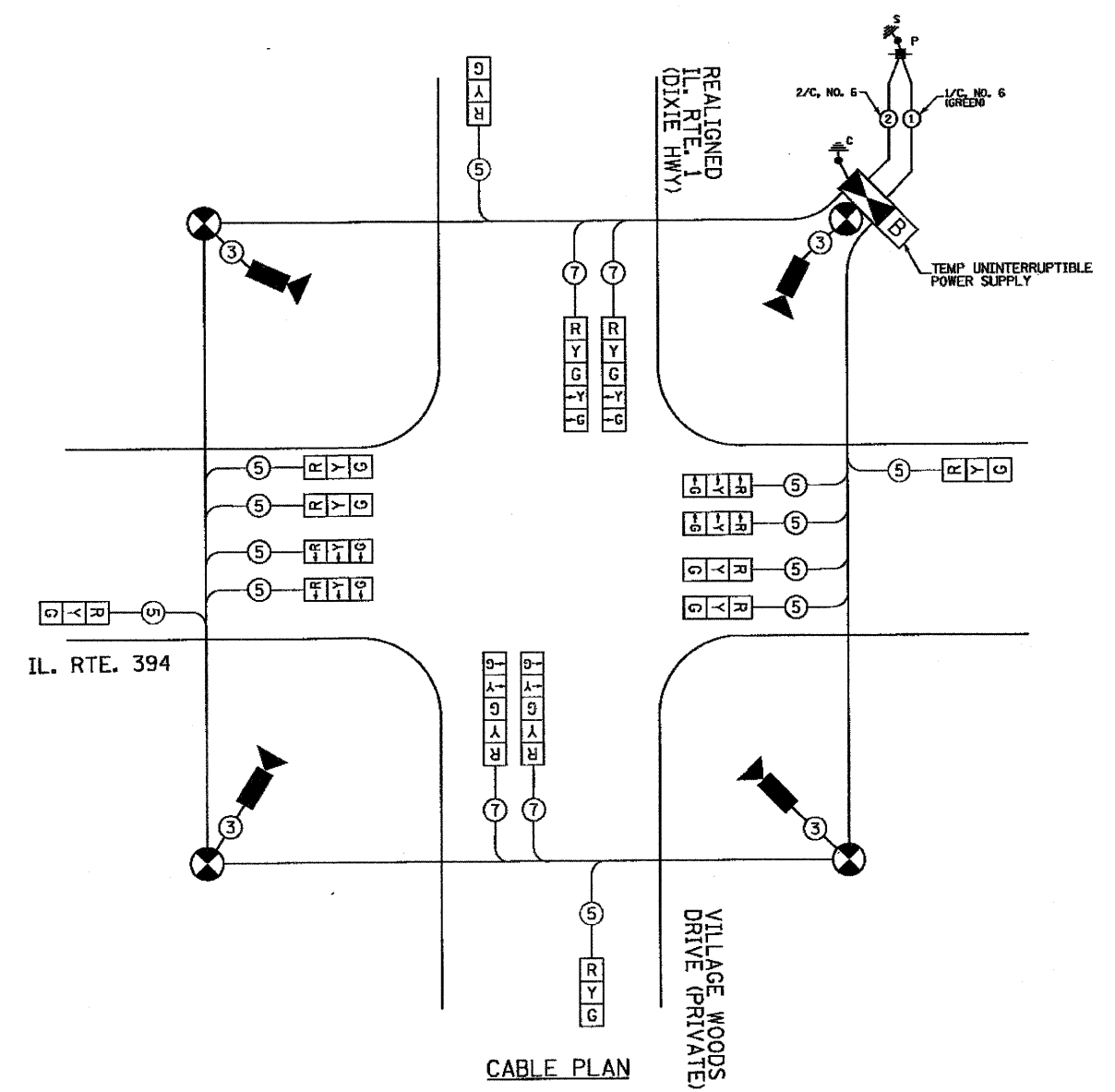
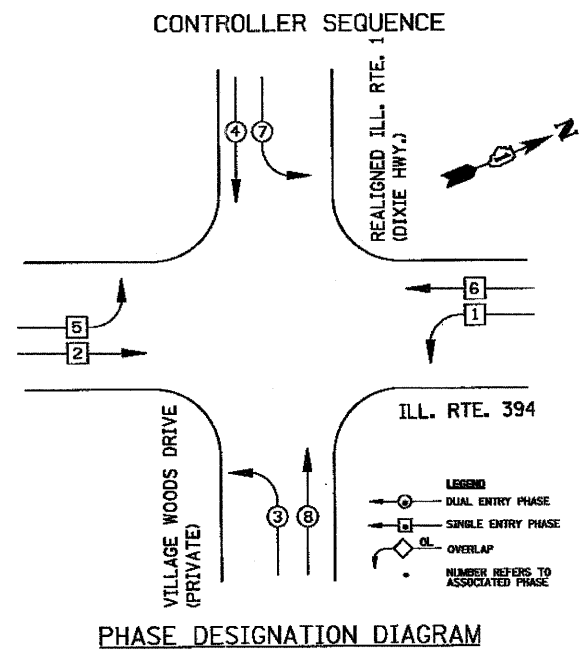


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/876	2002-113R	WILL	242	101B
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62542				



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	WATTAGE (INCAND.)	OPERATION (LED %)	TOTAL WATTAGE	
SIGNAL (RED)	16	135	17	0.60	136.00
(YELLOW)	16	135	29	0.25	100.00
(GREEN)	16	135	15	0.25	60.00
ARRROW	8	135	12	0.10	9.60
PED. SIGNAL	30	25	1.00		
CONTROLLER	1	100	1.00	100.00	
ILLUM. SIGN	84		0.05		
FLASHER			0.50		
TOTAL =				405.60	

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)	(6mmL-0.8m)	
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. BUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.9 (4.1)
				POST MOUNTED	6 (1.8)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TEMPORARY CABLE PLAN ILL. RTE. 394 (CALUMET EXP) AT REALIGNED ILL. RTE. 1 (DIXIE HWY.) AND VILLAGE WOODS DRIVE SCALE: 1:250 DATE: 08-24-09 DRAWN BY: RDS DESIGNED BY: KK CHECKED BY: JGG