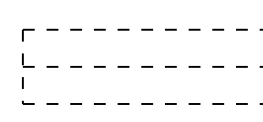
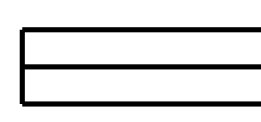
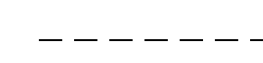

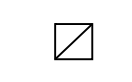

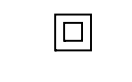



SHEET LOCATION	STATION	LOOP NO.	VEHICLE LOOP DETECTORS				TEST RESULTS AT CONTROLLER (FUTURE USE)**				
			SIZE	TYPE	NO TURNS	MODE	AMP	INDUCTANCE (uH)		RESISTANCE Ω @ 78°F	
							CALCULATED	MEASURED	CALCULATED	MEASURED	LEAKAGE TO GROUND
SHEET # 15	4+47-4+68 LT	1	6' X 40'	QUAD.	2	PRESENCE	406		1.44		
SHEET # 15	4+62-4+82 LT	2	6' X 40'	QUAD.	2	PRESENCE	402		1.37		
SHEET # 15	4+83-4+89 RT	3	6' X 40'	QUAD.	2	PRESENCE	351		0.73		
SHEET # 15	4+94-5+00 RT	4	6' X 40'	QUAD.	2	PRESENCE	356		0.79		
SHEET # 16	0+00-0+40 LT	5	6' X 40'	QUAD.	2	PRESENCE	346		0.65		
SHEET # 16	0+00-0+40 LT	6	6' X 40'	QUAD.	2	PRESENCE	349		0.70		
SHEET # 7	10+50-10+90 LT	7	6' X 40'	QUAD.	2	PRESENCE	365		0.91		
SHEET # 8	11+79-12+19 RT	8	6' X 50'	QUAD.	2	PRESENCE	435		0.91		
SHEET # 17	0+00-0+40 CL	9	6' X 40'	QUAD.	2	PRESENCE	397		1.32		
SHEET # 17	0+00-0+40 LT	10	6' X 40'	QUAD.	2	PRESENCE	393		1.27		
SHEET # 8	0+00-0+40 RT	11	6' X 50'	QUAD.	2	PRESENCE	470		1.35		
SHEET # 9	17+11-17+51 RT	12	6' X 40'	QUAD.	2	PRESENCE	382		1.12		
SHEET # 9	17+61-17+67 LT	13	6' X 40'	QUAD.	2	PRESENCE	365		0.91		
SHEET # 9	17+73-17+79 LT	14	6' X 40'	QUAD.	2	PRESENCE	368		0.94		
SHEET # 9	17+69-17+74 RT	15	6' X 40'	QUAD.	2	PRESENCE	392		1.26		
SHEET # 9	17+80-17+86 RT	16	6' X 40'	QUAD.	2	PRESENCE	395		1.29		
SHEET # 9	17931-18+40 CL	17	6' X 40'	QUAD.	2	PRESENCE	355		0.78		
SHEET # 11	32+30-32+36 RT	18	6' X 40'	QUAD.	2	PRESENCE	379		1.09		
SHEET # 11	32+42-32+48 RT	19	6' X 40'	QUAD.	2	PRESENCE	374		1.03		
SHEET # 13	44+12-44+18 LT	20	6' X 40'	QUAD.	2	PRESENCE	349		0.70		
SHEET # 13	44+24-44+30 LT	21	6' X 40'	QUAD.	2	PRESENCE	354		0.76		
SHEET # 13	44+32-44+38 RT	22	6' X 40'	QUAD.	2	PRESENCE	392		1.25		
SHEET # 13	44+43-44+51 RT	23	6' X 40'	QUAD.	2	PRESENCE	391		1.24		

SHEET # 9 17+50-17+56  6' x 40' QUAD. 2 PRESENCE

NOTES:

1. THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR LOOP AND JUNCTION BOX PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.
2. LOOPS ARE TO BE TERMINATED AT THE JUNCTION BOX WITH 3 FEET SLACK PER LOOP WIRE COILED NEATLY WITHIN THE BOX. LOOPS WILL NOT BE CONNECTED TO THE CONTROLLER AT THIS TIME.
3. ALL LOOPS WILL EXTEND 3 FEET PAST THE CENTER OF THE STOP BAR ON EACH APPROACH.
4. LOOPS SHALL BE INSTALLED IN THE PAVEMENT PRIOR TO THE PLACEMENT OF THE WEARING COURSE.
5. IF WATER VALVES, DROP INLETS OR OTHER OBSTRUCTIONS ARE ENCOUNTERED WITHIN THE AREA OF A PROPOSED LOOP, THE CONTRACTOR SHALL TAKE SPECIAL CARE TO AVOID THE OBSTRUCTION DURING LOOP INSTALLATION. IF LOOP SIZES OR SHAPES ARE TO BE MODIFIED DUE TO OBSTRUCTIONS THE RESIDENT ENGINEER MUST APPROVE LAYOUT PRIOR TO INSTALLATION.
6. MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.
7. CALCULATED VALUES AT CONTROLLER ARE BASED ON DIRECT CONDUIT ROUTING TO THE NEAREST SIGNAL POLE AND CROSSING THE SPAN WIRE AS NECESSARY TO THE EXISTING CONTROLLER LOCATION. ANY SIGNAL MODIFICATION AND/OR CONTROLLER RELOCATION PRIOR TO LOOP CONNECTION WILL REQUIRE RECALCULATION OF THESE VALUES.

LEGEND		
EXISTING	NEW	DESCRIPTION
		VEHICLE LOOP
		CONDUIT
		JUNCTION BOX
		CONTROLLER CABINET

TRAFFIC LOOP SHEET	SURVEYED BY _____ DATE _____
	DRAWN BY _____ DATE _____
	SQUAD LEADER _____
	DESIGN FILE NO. /pave01d044/p01d044.dgn
	IPARM FILE p01d044hs.i DATE PLOTTED 20 APR-2009 15:23
PROJ. NAME WINOOSKI - COLCHESTER	
PROJ. NO. STP 2307(1)s	
SHEET 18 OF 26 SHEETS	