

VEHICLE LOOP DETECTOR SCHEDULE

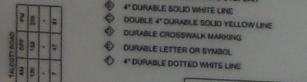
LANE	LOOP #	SIZE	TYPE	# OF TURNS	CALL PHASE	MODE	INDUCTANCE (μH)		RESISTANCE (ohms)		LEAKAGE TO GROUND (ohms)
							CALC.	MEAS.	CALC.	MEAS.	
US ROUTE 2 WB LEFT	1	8' x 40'	LONG	2	1	PRES.	373		1.91		
TALCOTT ROAD THRU/RT	2	8' x 40'	LONG	2	4	PRES.	348		0.89		
TALCOTT ROAD RT	3	8' x 40'	LONG	2	4	PRES.*	348		0.85		
US ROUTE 2 EB LEFT	4	8' x 40'	LONG	2	5	PRES.	364		0.90		
DRIVING RANGE NB/HT	5	8' x 40'	LONG	2	8	PRES.	383		1.13		
DRIVING RANGE NB/RT	6	8' x 40'	LONG	2	8	PRES.*	381		1.11		

* DELAY ON RIGHT TURN LANE

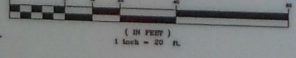
CONDUIT SCHEDULE

FROM	TO	WIRED CONDUIT	DESCRIPTION
CONTROLLER CABINET	MAST ARM #2	(2) 1"	SIGNAL WIRING & LIGHTING WIRING
CONTROLLER CABINET	JUNCTION BOX #2	20'	LOOP DETECTOR WIRING
CONTROLLER CABINET	JUNCTION BOX #2	(2) 20'	SIGNAL WIRING & LIGHTING WIRING
CONTROLLER CABINET	JUNCTION BOX #2	20'	INTERCONNECT WIRING
CONTROLLER CABINET	EXISTING POWER POLE (VZ NO. 0.5)	12'	POWER SERVICE
CONTROLLER CABINET	JUNCTION BOX #3	(2) 11'	SIGNAL WIRING & LIGHTING WIRING
CONTROLLER CABINET	JUNCTION BOX #3	11'	LOOP DETECTOR WIRING
JUNCTION BOX #2	JUNCTION BOX #1	(3) 54'	SIGNAL WIRING, LIGHTING WIRING, INTERCONNECT WIRING
JUNCTION BOX #2	JUNCTION BOX #1	54'	LOOP DETECTOR WIRING
JUNCTION BOX #1	MAST ARM #1	(2) 19'	SIGNAL WIRING & LIGHTING WIRING
JUNCTION BOX #1	JUNCTION BOX #5	79'	LOOP DETECTOR WIRING
JUNCTION BOX #1	JUNCTION BOX #5	(2) 78'	SIGNAL WIRING & LIGHTING WIRING
JUNCTION BOX #3	JUNCTION BOX #4	(2) 89'	SIGNAL WIRING & LIGHTING WIRING
JUNCTION BOX #3	JUNCTION BOX #4	89'	LOOP DETECTOR WIRING
JUNCTION BOX #4	MAST ARM #3	(2) 12'	SIGNAL WIRING & LIGHTING WIRING

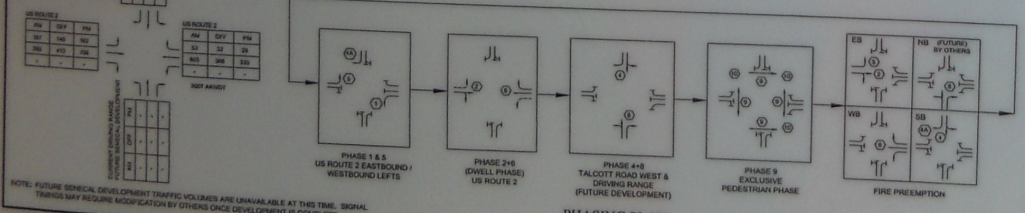
PAVEMENT MARKING LEGEND



GRAPHIC SCALE



THE CONTRACTOR SHALL NOTIFY "DIGSAFE" AT 1-888-DIG-SAFE PRIOR TO ANY EXCAVATION.



PHASING PLAN

NOTE: FUTURE SIGNAL DEVELOPMENT TRAFFIC VOLUMES ARE UNAVAILABLE AT THIS TIME. SIGNAL TIMINGS MAY REQUIRE MODIFICATION BY OTHERS ONCE DEVELOPMENT IS COMPLETE.

PROGRAM CONTROLLER FOR NEAR DUAL SIGNAL / SEMI-ACTUATED OPERATION	PHASE 1, 5 & 4A	PHASE 2/6	PHASE 4/8	PHASE 9	FIRE PREEMPTION
	US ROUTE 2 EB/WB LEFTS	US ROUTE 2	TALCOTT ROAD & DRIVING RANGE	PEDESTRIAN PHASE TIMINGS	
WB EXTENSION	2	2	2		
RT TURN DELAY	-	5	5		
MIN. GREEN	6	10	7		
YELLOW CLEAR	4	4	4		
RED CLEAR	2	2	2		
AM PEAK (6:30-10:30 a.m.)	MAX. 1 GREEN	7	43	16	2
OFF PEAK	MAX. 2 GREEN	7	40	23	1
TRIP PEAK (2:30-7:00 p.m.)	MAX. 3 GREEN	7	46	25	1

NOTE: THERE SHALL BE NO SCHEDULED FLASHING TIME PERIOD. THE SIGNAL SHALL RUN ON OFF PEAK TIMINGS AT NIGHT.

DATE	REVISIONS	BY
5-18-07	REVISED MAST ARM POLE SIZE & LOCATION	JLD
6-07-07	ADDED SPOT GRASSES & PEDESTRIAN TIMINGS	JCC

THESE PLANS WITH LATEST REVISIONS, SHOULD ONLY BE USED FOR THE PURPOSES SPECIFIED BELOW.

- SKETCH/CONCEPT
- PRELIMINARY
- FINAL AS-BUILT
- RECORDED DRAWING

U.S. ROUTE 2 / TALCOTT RD. WEST TRAFFIC SIGNAL DESIGN
WILLISTON, VERMONT

SIGNAL LAYOUT PLAN

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