

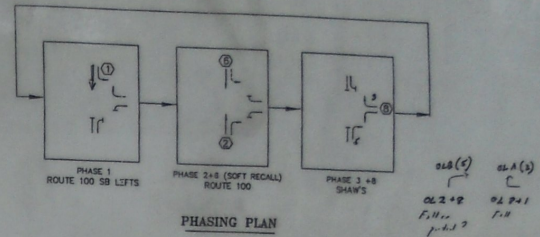
THE CONTRACTOR SHALL NOTIFY "DIGSAFE" AT 1-888-DIG-SAFE PRIOR TO ANY EXCAVATION.



CONDUIT SCHEDULE				
FROM	TO	WIRED CONDUIT	DESCRIPTION	
LOOP #1	JUNCTION BOX #1	1"	2'	LOOP
JUNCTION BOX #1	CONTROLLER	4"		LOOP
MAST ARM #1	CONTROLLER	4"		LIGHT
MAST ARM #1	CONTROLLER	4"		SIGNAL
UP #41 111/40	CONTROLLER	4"		POWER
LOOP #2, 2A	JUNCTION BOX #4	0"		LOOP
MAST ARM #2	JUNCTION BOX #2	4"	30'	SIGNAL
JUNCTION BOX #2	JUNCTION BOX #3	4"	73'	SIGNAL
JUNCTION BOX #3	JUNCTION BOX #4	4"	23'	SIGNAL
JUNCTION BOX #4	CONTROLLER	4"	87'	SIGNAL
LOOP #8, #8A	JUNCTION BOX #2	4"		LOOP
JUNCTION BOX #2	JUNCTION BOX #3	4"	73'	LOOP
JUNCTION BOX #3	JUNCTION BOX #4	4"	23'	LOOP
JUNCTION BOX #4	CONTROLLER	4"	87'	LOOP
MAST ARM #2	JUNCTION BOX #2	4"	73'	LIGHTING
JUNCTION BOX #2	JUNCTION BOX #3	4"	23'	LIGHTING
JUNCTION BOX #3	JUNCTION BOX #4	4"	23'	LIGHTING
JUNCTION BOX #4	CONTROLLER	4"	87'	LIGHTING

THE ABOVE CONDUIT SCHEDULE DOES NOT INCLUDE THE INTERCONNECT CONDUIT. SEE SHEET 9 FOR DETAILS ON THE INTERCONNECT CONDUIT.

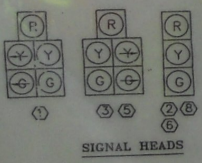
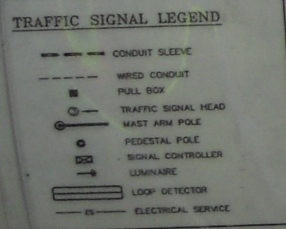
NOTES:  
1) ROUTE 100 & MOBIL DRIVEWAY CROSSING SLEEVES SHALL BE INSTALLED BY DIRECTIONAL BORING.



PROGRAM CONTROLLER FOR NEMA DUAL RING / FULLY ACTUATED OPERATION	PHASE 1 ROUTE 100 SB LEFTS	PHASE 2+8 ROUTE 100	PHASE 8 SHAWS
VEH. EXTENSION	2	2	2
RT. TURN DELAY	-	-	-
MIN. GREEN	7	14	8
YELLOW CLEAR	4	4	4
RED CLEAR	2	2	2
OFF PEAK (6:00 A.M. - 3:00 P.M., 6:00 P.M. - 12:00 P.M.)	MAX. GREEN 17	48	17
3:00 P.M. - 6:00 P.M. WEEKDAYS	MAX. GREEN 8	77	17
FLASHING OPERATION (12:00 A.M. - 6:00 A.M.)	① FY	②+③ FY	④+⑤ FR

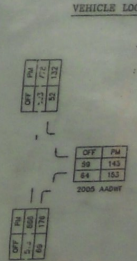
LANE	LOOP #	SIZE	TYPE	# OF TURNS	CALL PHASE	MODE	INDUCTANCE (uH) CALC. MEAS.	RESISTANCE (ohms) CALC. MEAS.	LEAKAGE TO GROUND (m-ohms)
ROUTE 100 SB LT	1	6' x 30'	LONG	2	1	PRES.	355	0.65	
ROUTE 100 SB TH	2	6' x 30'	LONG	2	8	PRES.	352	0.61	
ROUTE 100 NB TH	3	6' x 30'	LONG	2	2	PRES.	365	0.75	
ROUTE 100 NB RT	4	6' x 30'	LONG	2	2	PRES.*	361	0.73	
SHAWS WB LT	5	6' x 30'	LONG	2	8	PRES.	392	1.12	
SHAWS WB RT	6	6' x 30'	LONG	2	8	PRES.*	399	1.09	

\* DELAY ON RIGHT TURN LOOP



EQUIPMENT	QUANTITY
STEEL CANTILEVER POLE/MAST ARM ASSEMBLY	2
GROUND MOUNTED CONTROLLER CABINET WITH ASC-2 CONTROLLER	1
12" POLYCARBONATE TRAFFIC SIGNAL HEADS WITH TUNNEL VISORS AND MOUNTING HARDWARE. BACKPLATES SHALL BE INCLUDED ON ALL EAST/WEST SIGNAL HEADS	3
3-SECTION HEAD (ALL LED)	3
JUNCTION BOX	4
LUMINAIRE (6' ARM)	2
LEFT TURN YIELD ON GREEN BALL SIGN	1

THE QUANTITIES LISTED ABOVE ARE APPROXIMATE AND ARE FURNISHED FOR INFORMATION ONLY. MISCELLANEOUS (UNLISTED) WIRE, CABLE, HARDWARE ETC., ARE REQUIRED TO PROVIDE FOR A FUNCTIONING TRAFFIC SIGNAL SYSTEM.



11-5-04 REVISED NOTES, LIGHTING & EQUIPMENT LIST PLC

REVISIONS

NO.	DATE	DESCRIPTION
1	03/13/07	PLC
2	07/11/04	PLC
3	07/11/04	PLC
4	07/11/04	PLC
5	07/11/04	PLC

HALVORSEN DEVELOPMENT

ROUTE 100 ROAD IMPROVEMENTS WATERBURY, VERMONT

SIGNAL LAYOUT PLAN

DATE: 07-20-06