

LIST OF MAJOR EQUIPMENT

EQUIPMENT ITEM 678.40	QUANTITY
POWER METER ON STANCHION	1
BREAKER PANEL ON STANCHION	1
TRAFFIC SIGNAL CONTROLLER (NEMA TS2)	1
NEMA POLE MOUNTED CONTROLLER CABINET PAINTED FLAT BLACK WITH ANCILLARY CONTROL EQUIPMENT	1
WESTERN RED CEDAR OR SOUTHERN PINE WOODEN STRAIN POLE (SP-2)	1
ONE WAY, 3-SECTION, 12-INCH POLYCARBONATE MAST ARM MOUNTED LED TRAFFIC SIGNAL HEAD WITH TUNNEL VISORS AND 5" LOUVERED BACK- PLATES WITH ALL PIECES PAINTED FLAT BLACK	7
DETECTOR EXTENSION BRACKET	3
DETECTOR ASSEMBLY	3
DETECTION PROCESSOR CARD	3

TEMPORARY TRAFFIC SIGNAL SYSTEM
(VT-100 & WEST HILL ROAD)

WOODEN STRAIN POLE
STA 226+03 LT (SP-1)

POLE MOUNT CABINET/CONTROLLER
STA 226+03 LT (SP-1)

POWER STANCHION
STA 226+82 RT (SP-2)

CONTROLLER TIMING CHART

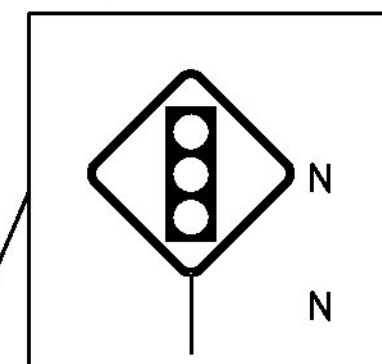
VT ROUTE 100 & WEST HILL ROAD								
PHASE	1	2	3	4	5	6	7	8
TRAFFIC MOVEMENT		->				<-		
MINIMUM GREEN		5		5		5		
MAXIMUM 1 GREEN		33		16		33		
MAXIMUM 2 GREEN		42		22		42		
MAXIMUM 3 GREEN		--		--		--		
YELLOW CLEARANCE		4.4		3.2		4.4		
ALL RED CLEARANCE		2.0		2.5		2.0		
VEH. EXTENSION		2		2		2		
RECALL MODE		SOFT		--		SOFT		

CONTROLLER TO RUN MAX 1 TIMINGS WHEN
VT-108 BRIDGE IS OPEN TO TRAFFIC

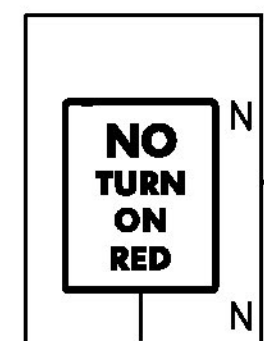
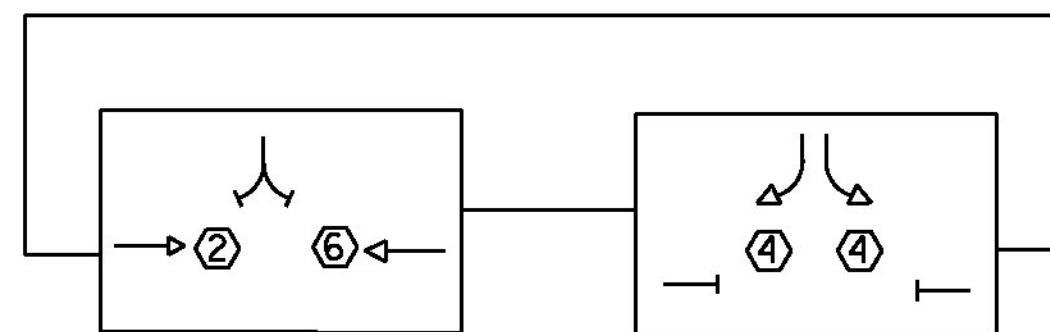
CONTROLLER TO RUN MAX 2 TIMINGS WHEN
VT-108 BRIDGE IS CLOSED TO TRAFFIC

CONTROLLER TO FLASH FROM
11:00 PM TO 6:00 AM

STA 222+50 NEW W3-3
REMOVE WHEN SIGNAL IS REMOVED

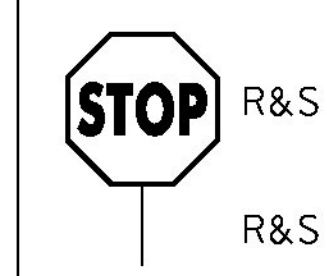


PHASING DIAGRAM



40+75
REMOVE UPON REMOVAL
OF SIGNAL

STA 40+35 RI-1
REMOVE WHEN SIGNAL BECOMES OPERATIONAL
REPLACE WHEN SIGNAL IS REMOVED

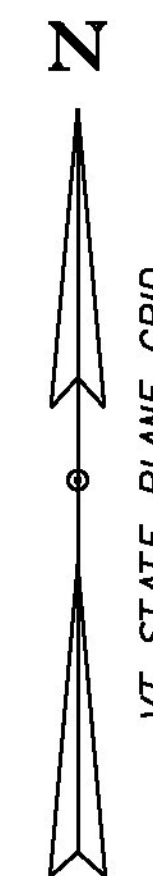
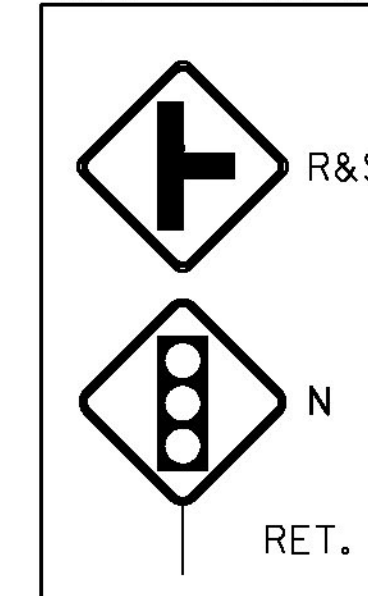


TEMPORARY 24 INCH STOP BAR
STA 225+39 RT (15')
STA 227+15 LT (15')
STA 41+01LT (12')

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA 226+03 - 226+26 CL (23 SF)
STA 226+63 - 226+86 CL (23 SF)
STA 40+24 - 40+46 CL (22 SF)

STA. 228+35 LT
REPLACE SIDE ROAD WARNING SIGN W2-2
WITH SIGNAL WARNING SIGN W3-3 ON
EXISTING POST WHEN SIGNAL IS IN PLACE.

REINSTALL SIDE ROAD WARNING SIGN
WHEN SIGNAL IS REMOVED.



NOTE: ALL WORK DETAILED ON THIS SHEET, INCLUDING PAVEMENT
MARKINGS, REMOVAL OF EXISTING PAVEMENT MARKINGS AND SIGNS
WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 678.40.

LEGEND

- ⑥ SIGNAL HEAD AND PHASE NUMBER
- POLE AND GUY WIRE
- CONTROLLER CABINET
- RADAR DETECTOR
- ▷ [] RADAR DETECTION AREA AND PHASE NUMBER

PROJECT NAME: STOWE
PROJECT NUMBER: BRF 0235(II)

FILE NAME: t87e052stg.dgn PLOT DATE: 28-JUL-2014
PROJECT LEADER: C. CARLSON DRAWN BY: I. DEGUTIS
DESIGNED BY: I. DEGUTIS CHECKED BY: M. LACROIX
TEMPORARY TRAFFIC SIGNAL PLAN SHEET 21 OF 64

