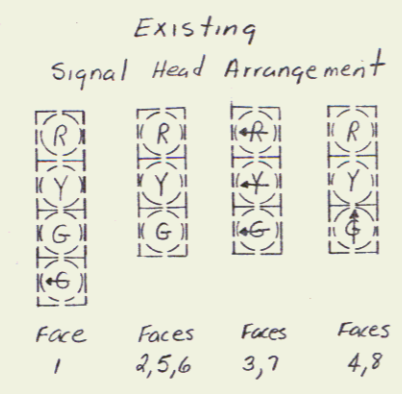


1988 "Average Weekday" Hourly Traffic (For Signal Timing)

AM OFF	PM NITE	AM OFF	PM NITE
110	250	285	200
205	290	310	200
145	185	300	195

AM OFF	PM NITE	AM OFF	PM NITE
150	180	220	150
130	160	170	135
70	150	85	55



NO R.O.W. REQUIRED

TIME OF DAY PLAN

7-9 AM	AM
9 AM-3:30 PM	OFF
3:30-5:30 PM	PM
5:30-7 PM	OFF
7 PM-7 AM	NITE

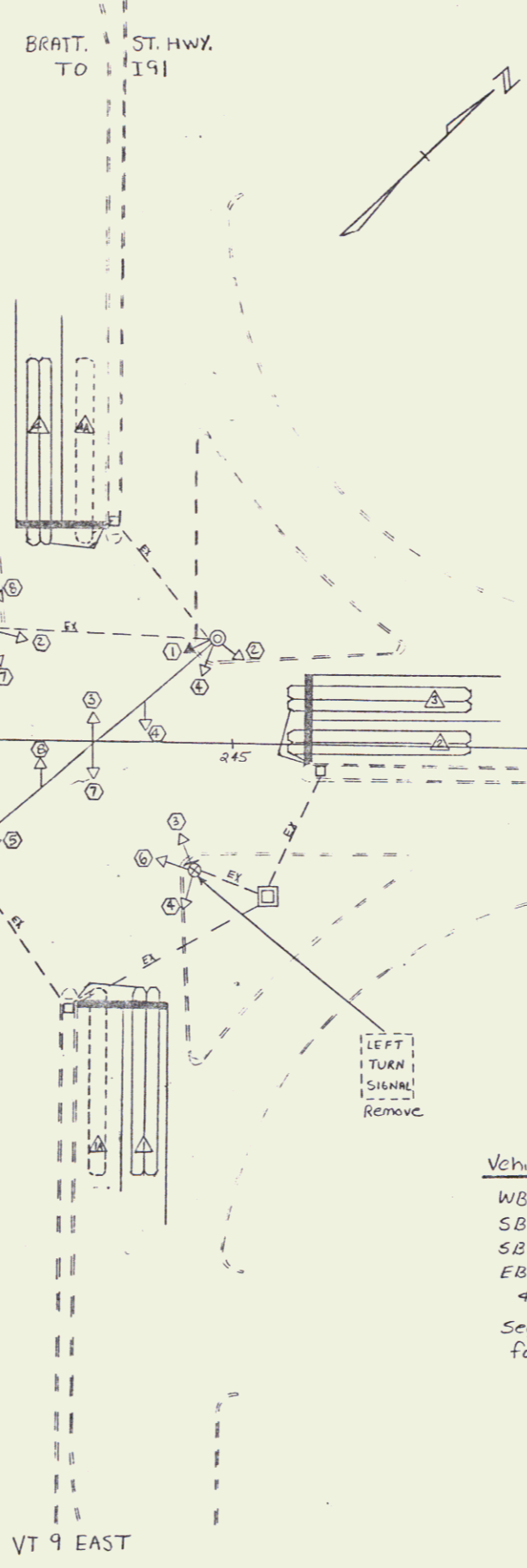
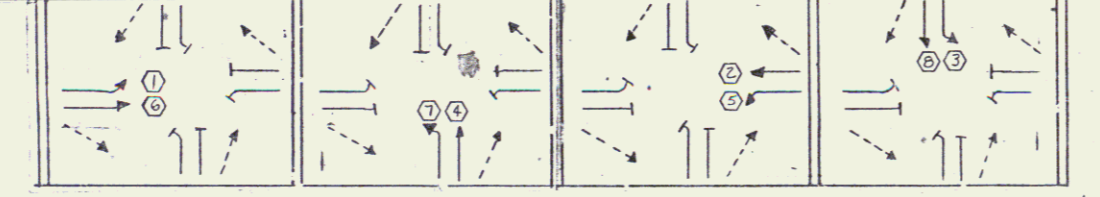
\* See Note 10

PHASING & TIMING

	Phase A (Dwell)				Phase B				Phase C				Phase D			
	W	E	S	N	W	E	S	N	W	E	S	N	W	E	S	N
INITIAL																
EXT																
MIN																
MAX AM	135	42	42	42	13	42	42	42	125	42	42	42	12	42	42	42
MAX OFF	195	42	42	42	14	42	42	42	205	42	42	42	12	42	42	42
MAX PM	19	42	42	42	155	42	42	42	18.5	42	42	42	13	42	42	42
MAX NITE	11	42	42	42	8	42	42	42	9	42	42	42	8	42	42	42

FACE	1	2	3	4	5	6	7	8
W	W	R	R	R	R	R	R	R
E	R	R	R	R	R	R	R	R
S	R	R	R	R	R	R	R	R
N	R	R	R	R	R	R	R	R
W	R	R	R	R	R	R	R	R
E	R	R	R	R	R	R	R	R
S	R	R	R	R	R	R	R	R
N	R	R	R	R	R	R	R	R



- NOTES:
- CHANGE EXISTING SIGNAL HEAD #1 FROM R-Y-G-GA TO RA-YA-GA.
  - CHANGE EXISTING SIGNAL HEAD #5 FROM R-Y-G TO RA-YA-GA.
  - INSTALL NEW LOOPS AS SHOWN. USE EXISTING PULLBOXES & CONDUIT TO ROUTE LEAD-INS TO THE CONTROLLER.
  - INSTALL NEW CONTROLLER AND OTHER EQUIPMENT IN EXISTING CABINET. RETROFIT THE CABINET DOOR AND POLICE DOOR WITH SWITCHES AS DISCUSSED IN THE NOTES ON SHEET 9.
  - REMOVE SIGNS AS SHOWN.
  - SEE SHEETS 18-21 FOR OFFSETS.
  - SEE SHEET 16 FOR SIGN QUANTITIES.
  - SEE SHEETS 8-9 FOR NOTES AND ADDITIONAL INFORMATION.
  - ALL PAVEMENT MARKINGS ARE EXISTING.
  - Set Coordinator Free from 10PM-6AM

Vehicle Loop Detectors

LANE	LOOP No.	SIZE	TYPE	No. TURNS	CALL #
WB THRU	1	6' x 45'	QUAD		Φ B
WB LT	2	EXISTING			Φ B
SB LT	3	6' x 45'	QUAD		Φ C
SB THRU	4	6' x 45'	QUAD		Φ C
EB THRU	5	6' x 45'	QUAD		Φ D
EP LT	6	EXISTING			Φ D

Each loop shall have its own amp.

Vehicle Loop Detectors  
 WB thru (1)  
 SB Lt (1)  
 SB thru (1)  
 EB thru (1)  
 4 lead-ins  
 See table above right for loop sizes

EXISTING	NEW	LEGEND
□	□	UTILITY POLE
○	○	LUMINAIRE
○	○	WOOD POLE
○	○	STEAM POLE
□	□	CONTROLLER CABINET
□	□	PULL BOX / JUNCTION BOX
□	□	SIGNAL HEAD
—	—	CONDUIT
—	—	VEHICLE LOOPS
□	□	SIGNS
○	○	PEDESTAL POST

R.O.W. PLANS

TRAFFIC SIGNAL  
 DETAILS  
 PUTNEY RD,  
 I 91 & VT 9E  
 KEENE TURN

DESIGNED BY: LKA DATE: 3/88  
 DRAWN BY: LKA DATE: 4/88  
 TRACED BY: LKA DATE: 4/88

Brattleboro  
 PROJ. MG NO 2000(15)S  
 SHEET 6 OF 6

