



TRAFFIC CONTROL ON I-89, RIGHT LANE CLOSED

TRAFFIC CONTROL NOTES:

SEE NOTES ON SHEET 4

LEGEND

- FLOW OF TRAFFIC
- RETROREFLECTIVE PLASTIC DRUM
- PORTABLE ARROW BOARD
- TYPE III BARRICADE
- WORK AREA
- TRUCK/TRAILER MOUNTED ATTENUATOR
- PORTABLE CHANGEABLE MESSAGE SIGN (SEE NOTE 15 ON TRAFFIC CONTROL SHEET 1)

POSTED SPEED (MPH)	TAPER LENGTHS (FT)		TANGENT W=12 FT (L/2)	BARRIER FLARE RATE (MINIMUM)	MINIMUM BUFFER SPACE LENGTH (FT)	MAXIMUM CHANNELIZING DEVICE SPACING (FT)	
	SHOULDER W=10 FT (L/3)	MERGING 12 FT LANE (L)				TAPER (S)	TANGENT (2S)
≤40	90	320	160	1:9	305	40	80
45	150	540	270	1:9	360	45	90
50	170	600	300	1:11	425	50	100
55	185	660	330	1:13	495	55	110
60	200	720	360	1:13	570	60	120
65	215	780	390	1:13	645	65	130

TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATION:
 $L = WS$ FOR POSTED SPEEDS OF 45 MPH OR GREATER
 $L = WS^2/60$ FOR POSTED SPEEDS OF 40 MPH OR LESS

L = MINIMUM LENGTH OF TAPER
W = WIDTH OF OFFSET IN FEET. (TYPICAL)
S = POSTED SPEED IN MPH

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of RICHMOND	Bridge No. 58
Highway No. I-89 N&S	Log Sta.
	Surv. Sta.
I-89 N&S	
TRAFFIC CONTROL (SHEET 2 OF 3)	
Designed By VTRANS	Drawn By VTRANS
Checked By S. M. GUNN Date 9/09	Bridge Design Supervisor S. M. GUNN Date 9/09
PROJECT RICHMOND	PROJECT NO. 1M BPNT (6)
I.G.C. Info.	
Bridge Sheet No. Z09A174-BR58-TC Sheet 5 of 10	

VHB Vanasse Hangen Brustlin, Inc.