



**TRAFFIC CONTROL FOR VT 207 UNDER BRIDGE 93 NORTHBOUND LANE CLOSURE
WITH TEMPORARY CONCRETE TRAFFIC BARRIER**

LEGEND

- FLOW OF TRAFFIC
- RETROREFLECTIVE PLASTIC DRUM
- PORTABLE ARROW BOARD
- TYPE III BARRICADE
- LIGHTING
- WORK AREA
- TRUCK/TRAILER MOUNTED ATTENUATOR
- PORTABLE CHANGEABLE MESSAGE SIGN (SEE NOTE 15 ON TRAFFIC CONTROL SHEET 1)
- CONSTRUCTION STAGING/ STORAGE AREA (SEE NOTE 25 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)	SHIFTING W=12 FT (L/2)	MERGING 12 FT LANE (L)				TAPER (S)	TANGENT (2S)
≤40	90	160	320	160	1:9	305	40	80
45	150	270	540	270	1:9	360	45	90
50	170	300	600	300	1:11	425	50	100
55	185	330	660	330	1:13	495	55	110
60	200	360	720	360	1:13	570	60	120
65	215	390	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

TRAFFIC CONTROL NOTES:

1. SEE THE TRAFFIC CONTROL NOTES ON TRAFFIC CONTROL SHEET 1 FOR ADDITIONAL NOTES FOR LANE CLOSURES.
2. SEE THE CONCRETE MEDIAN BARRIER NOTES ON TRAFFIC CONTROL SHEET 1 FOR ADDITIONAL NOTES FOR LANE CLOSURES.

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FILE NAME: TCP BR 93.dgn	CHECKED BY: DH
PROJECT LEADER: JPB	SHEET 7 OF 32
DESIGNED BY: JJB	
TRAFFIC CONTROL SHEET 2	