



TRAFFIC CONTROL ON INTERSTATE 89 RIGHT LANE CLOSED

LEGEND

- FLOW OF TRAFFIC
- RETROREFLECTIVE PLASTIC DRUM
- PORTABLE ARROW BOARD
- TYPE III BARRICADE
- WORK AREA
- TRUCK/TRAILOR MOUNTED ATTENUATOR
- PORTABLE CHANGEABLE MESSAGE SIGN

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

TRAFFIC CONTROL NOTES:

1. FOR BRIDGES 45S AND 46N TRAFFIC CONTROL SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD E-106, 'MAINLINE LANE CLOSURE AT AN EXIT RAMP'. FOR BRIDGE 46S TRAFFIC CONTROL SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD E-106, 'MAINLINE CLOSURE AT AN ENTRANCE RAMP'.
2. FOR BRIDGES 43N&S, 48S, 49S AND 50N&S THE RIGHT LANE CLOSURE SHALL BE AS SHOWN ABOVE WITH ZERO FEET BETWEEN THE MERGING TAPER (L) AND THE BUFFER SPACE.
3. A UNIFORM TRAFFIC OFFICER SHALL BE PRESENT ANYTIME BRIDGE 46S IS REDUCED TO ONE LANE.
4. SEE THE TRAFFIC CONTROL NOTES ON THE PREVIOUS SHEET (TRAFFIC CONTROL SHEET 1) FOR ADDITIONAL INFORMATION AND APPROACH SIGNING FOR THE RIGHT LANE CLOSURE.



PROJECT NAME: MIDDLESEX - WATERBURY
PROJECT NUMBER: ST-IM 089-2(42)

FILE NAME: ...\structural\drawing\TCP 2.dgn PLOT DATE: 7/2/2008
PROJECT LEADER: G. BOGUE DRAWN BY: J. SOTER
DESIGNED BY: S. BURBANK CHECKED BY: G. BOGUE
TRAFFIC CONTROL SHEET 2 SHEET 4 OF 25