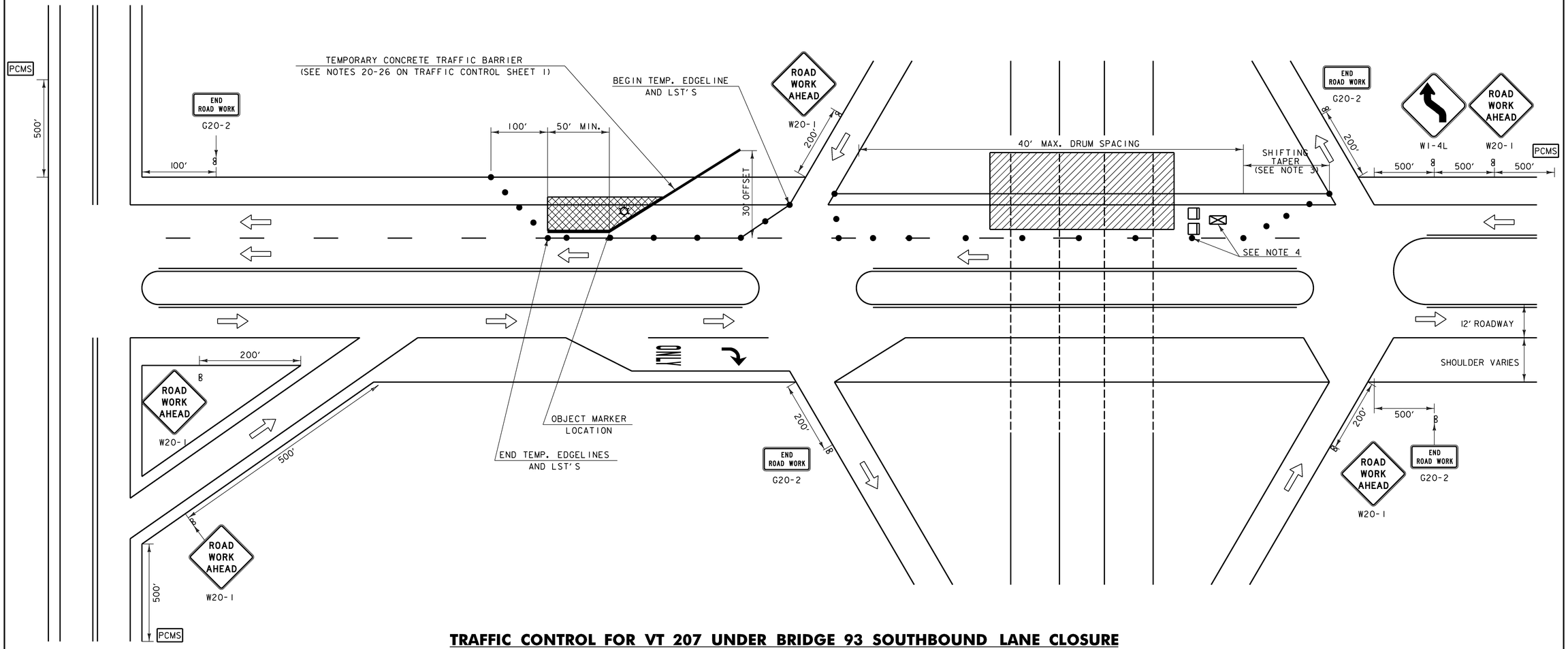

TRAFFIC CONTROL FOR VT 207 UNDER BRIDGE 93 SOUTHBOUND LANE CLOSURE WITH TEMPORARY CONCRETE TRAFFIC BARRIER

LEGEND

- FLOW OF TRAFFIC
- RETROREFLECTIVE PLASTIC DRUM
- PORTABLE ARROW BOARD
- TYPE III BARRICADE
- LIGHTING
- WORK AREA
- TRUCK/TRAILER MOUNTED ATTENUATOR
- PCMS — 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 = WS²/60 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.
3. IF FULL SHIFTING TAPER CANNOT BE PROVIDED, THE LENGTH OF THE TAPER SHOULD BE MAXIMIZED AS MUCH AS POSSIBLE.
4. ATTENUATOR ONLY NEEDED WHILE WORK IS TAKING PLACE. CHANNELIZATION DEVICES AND BARRICADES TO REMAIN FOR PROJECT DURATION.

PROJECT NAME: ST. ALBANS - HIGHGATE
PROJECT NUMBER: IM BPNT(4)

FILE NAME: TCP BR 93.dgn
PROJECT LEADER: JPB
DESIGNED BY: JJB
TRAFFIC CONTROL SHEET 4

PLOT DATE: 8/17/2009
DRAWN BY: NCF/JJB
CHECKED BY: DH
SHEET 9 OF 32