



TRAFFIC CONTROL NOTES:

1. THE TRAFFIC CONTROL PLAN SHOWN IS A SCHEMATIC ONLY AND SHOULD BE USED AS A REFERENCE. THE CONTRACTOR SHALL SUBMIT A SITE SPECIFIC TRAFFIC CONTROL PLAN FOR BRIDGE #85 TO VTRANS FOR APPROVAL. PAYMENT FOR PREPARING AND SUBMITTING THE TRAFFIC CONTROL PLAN, AND MAKING NECESSARY REVISIONS TO THE PLAN, WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 641.10. THE CONTRACTOR SHALL ALLOW TWO WEEKS FOR APPROVAL OF THE TRAFFIC CONTROL PLAN. NO WORK SHALL COMMENCE UNTIL THE CONTRACTOR HAS AN APPROVED TRAFFIC CONTROL PLAN.
2. ALL SIGNS SHALL BE MOUNTED ON FIXED POSTS (YIELDING TYPE) UNLESS OTHERWISE NOTED.
3. CHANNELIZING DEVICES SHALL BE PLACED AS FOLLOWS:
TAPERS - DEVICES SHALL BE SPACED A MAXIMUM OF "S" (THE SPEED LIMIT IN FEET) APART.
TANGENT - DEVICES SHALL BE SPACED 2 X "S" (THE SPEED LIMIT IN FEET) APART.
4. ALL DISTANCES ARE DESIRABLE MINIMUMS. FIELD CONDITIONS SHALL CONTROL THE ACTUAL PLACEMENT.
5. TAPER RATES ARE BASED ON THE POSTED MAINLINE AND EXIT SPEEDS.
6. TEMPORARY PAVEMENT MARKINGS ARE REQUIRED WHEN THE LAYOUT IS TO BE IN SERVICE FOR THREE DAYS OR MORE.
7. LANE CLOSURES AND TAPER LENGTHS, L, AS DETAILED ON THIS SHEET.
8. EXIT SIGN SHALL BE MOUNTED A MINIMUM OF 3' ABOVE THE GROUND AND HIGH ENOUGH TO BE SEEN ABOVE CHANNELIZING DEVICES.
9. AT NO TIME WILL THE CONTRACTOR BE ALLOWED TO HAVE WORKERS' VEHICLES, CONSTRUCTION EQUIPMENT OR STOCKPILED MATERIALS WITHIN THE CLEAR ZONE OF INTERSTATE 89 OR THE LOCAL ROADWAYS WITHOUT POSITIVE PROTECTION. POSITIVE PROTECTION SHALL BE AS DIRECTED BY THE ENGINEER. THE CLEAR ZONES FOR INTERSTATE 89 ARE DEFINED AS FOLLOWS:
INTERSTATE 89 - 34 FEET FROM THE TRAVELED WAY
LOCAL ROADWAYS - 16 FEET FROM THE TRAVELED WAY

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

TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:

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
S = POSTED SPEED IN MPH

LEGEND

- ◻ - FLASHING ARROW PANEL
- - REFLECTORIZED PLASTIC DRUM
- ◻ - TYPE III BARRICADE
- ⊗ - TRUCK/TRAILER MOUNTED ATTENUATOR (OPTIONAL)
- ▨ - WORK AREA
- ➡ - FLOW OF TRAFFIC

FOR CONSTRUCTION APPROACH SIGNING SEE TRAFFIC CONTROL SHEET 1

FOR CONSTRUCTION APPROACH SIGNING SEE TRAFFIC CONTROL SHEET 1

TRAFFIC CONTROL ON I-89 BRIDGE No 85, RIGHT LANE CLOSURE

NOT TO SCALE
SEE STANDARD SHEET E-106 FOR ADDITIONAL INFORMATION,
LEFT LANE CLOSURE SAME AS TRAFFIC CONTROL SHEET 1

TRAFFIC CONTROL SHEET (3)

PROJECT NAME: RICHMOND - HIGHGATE
PROJECT NUMBER: IM BPNT (9)

FILE NAME: I08180/str/z108180tc.dgn PLOT DATE: 24-JAN-2012
PROJECT LEADER: G.K.DONNINGTON DRAWN BY: W.GERHOLD
DESIGNED BY: C.CARNEY CHECKED BY: R.BENJAMIN
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