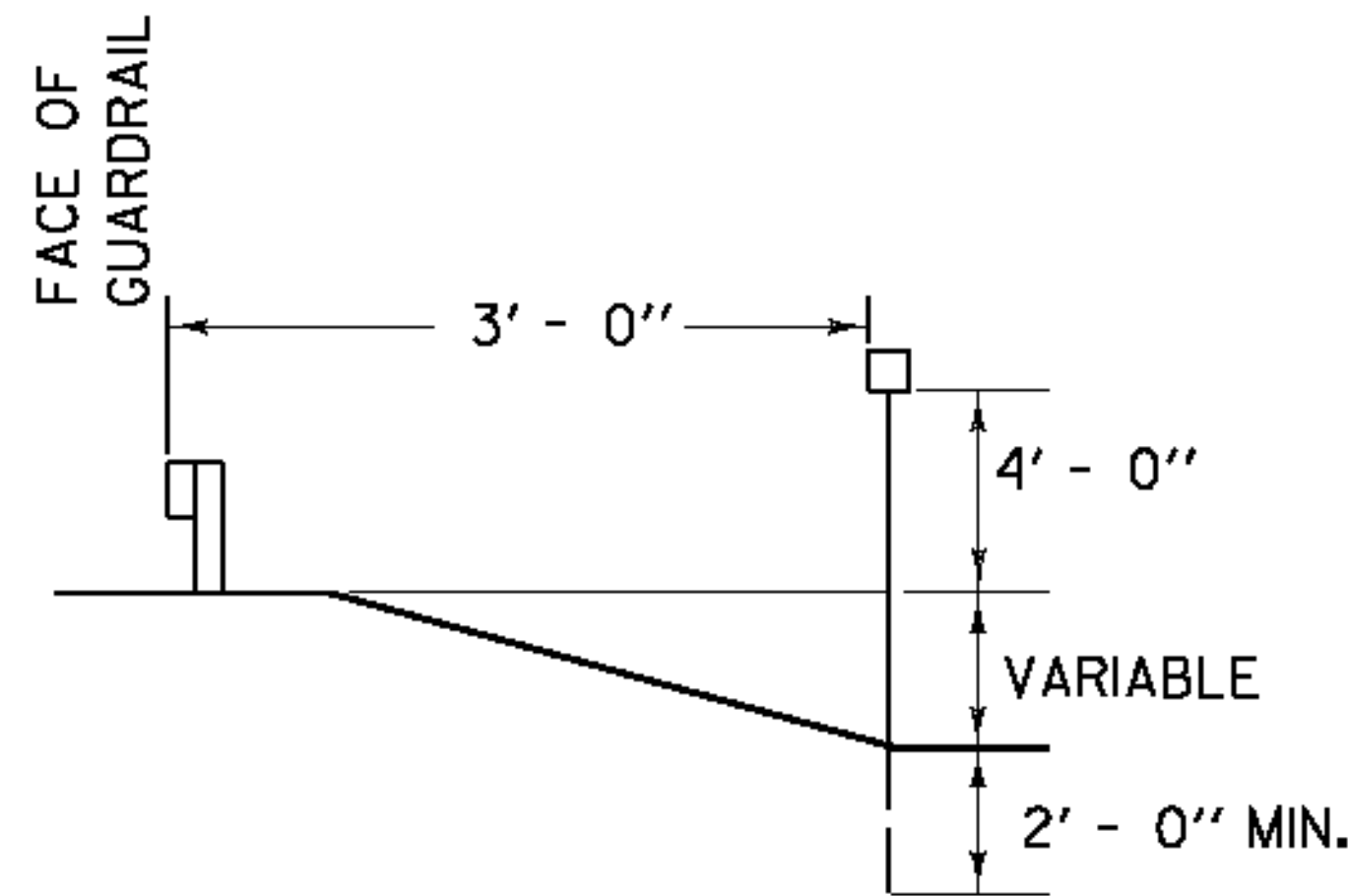
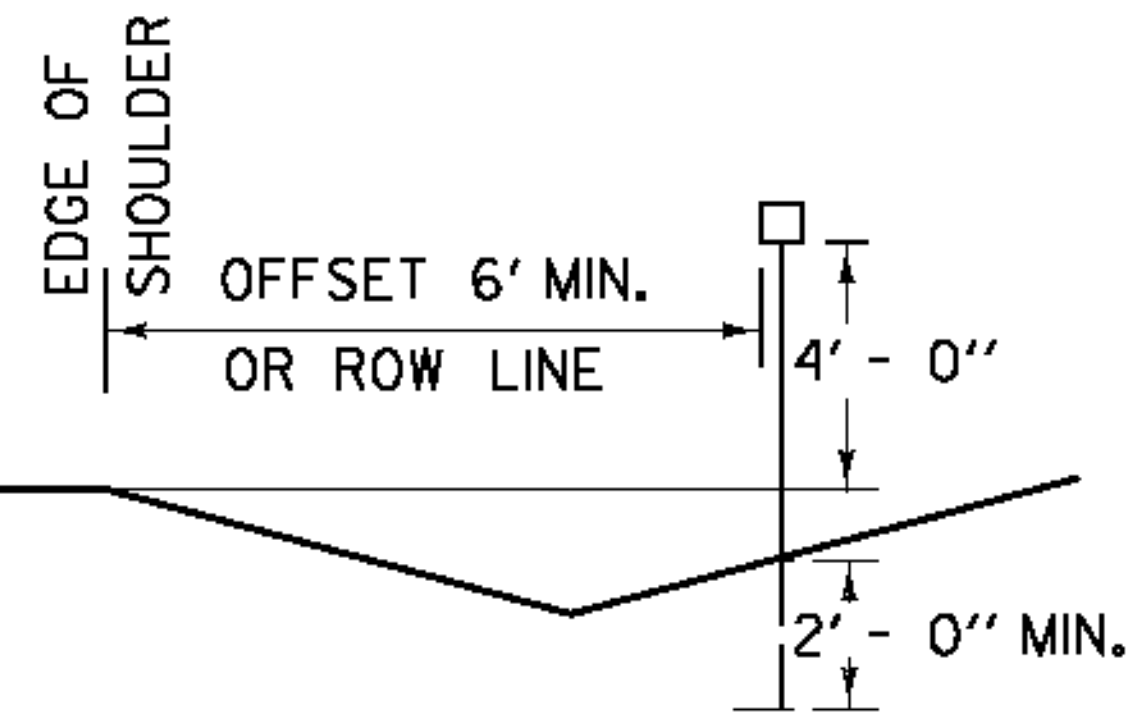


I-89

HYPHEN DETAIL



NOTES:

GENERAL:
OUTLINED LETTERS AND NUMERALS INDICATE TEXT THAT VARIES.

MATERIAL:
THE SIGN BASE MATERIAL SHALL BE 0.040 INCH FLAT SHEET ALUMINUM.

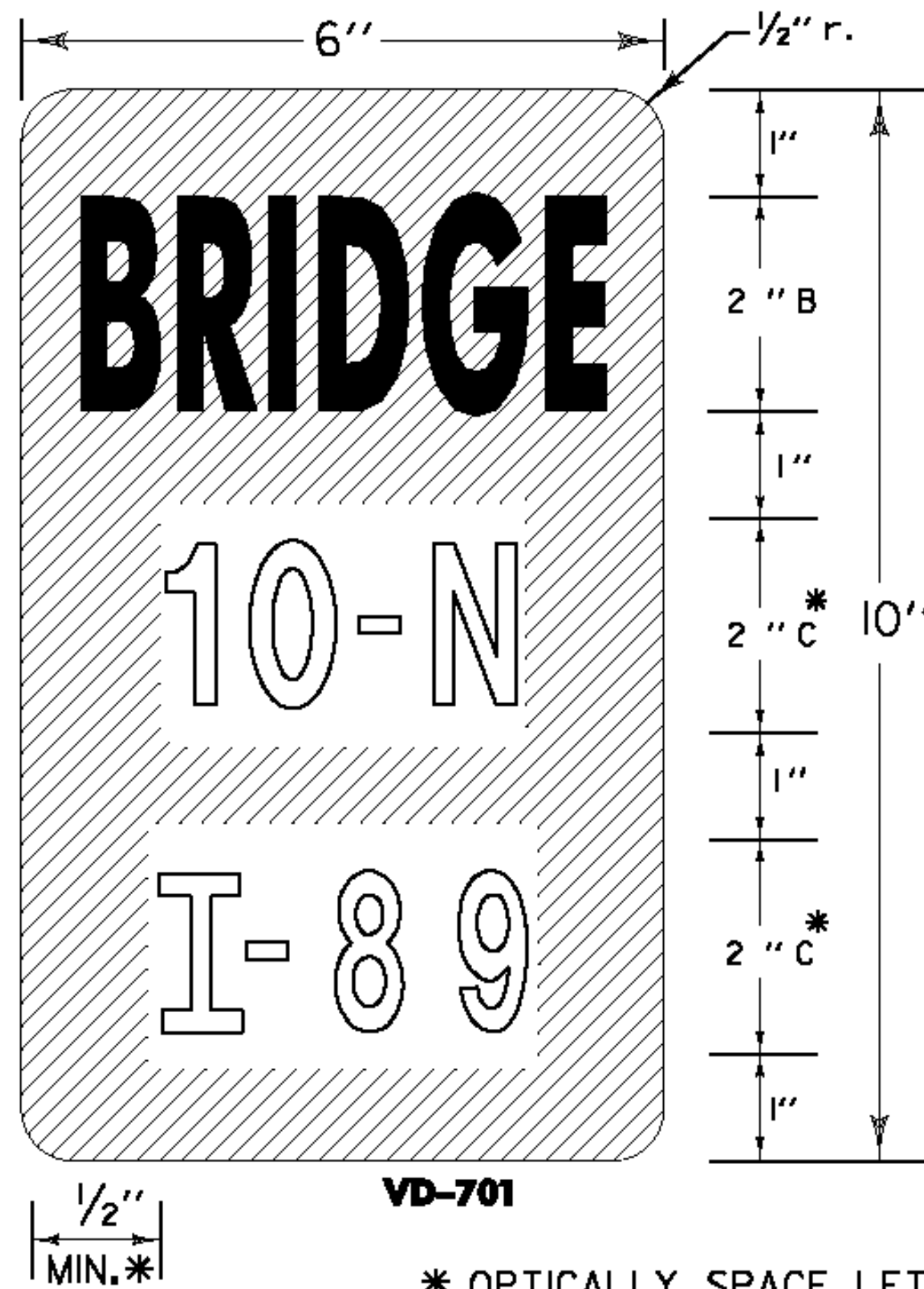
COLORS:
THE SIGN SHALL HAVE A RETROREFLECTORIZED WHITE TEXT ON RETROREFLECTORIZED GREEN BACKGROUND. THE COLORS SHALL CONFORM WITH THOSE FOUND IN STANDARD COLOR TOLERANCE CHARTS AS APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.

RETROREFLECTIVITY WILL BE EQUAL TO OR EXCEEDING ASTM TYPE III.

LETTERING:
LETTERS AND DIGITS SHALL CONFORM WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS AS PRINTED BY THE FEDERAL HIGHWAY ADMINISTRATION.

POSTS:
1 3/4 INCH SQUARE STEEL POST WITH 2 INCH ANCHOR SHALL BE USED. POST SHALL BE A MINIMUM OF 8 FEET.

FOR EXAMPLE, ROUTE NUMBERS SHALL APPEAR AS: I-91, US5, VT22



* OPTICALLY SPACE LETTERS AND NUMERALS AS NEEDED. SERIES B LETTERS MAY BE USED TO MAINTAIN VISUAL INTEGRITY.

THE FOLLOWING BRIDGES REQUIRE BRIDGE PLAQUES.

MILE MARKER	ROUTE	PLAQUE	CROSSING FEATURE
NORTHBOUND			
61.015	I-89-N	45-5	BROOK
62.429	I-89-N	45-8	LAND ACCESS ROAD
63.532	I-89-N	46N	I 89 OVER TH 2 & BRK
63.763	I-89-N	47	I 89 UNDER VT 100
63.952	I-89-N	47-1	WATER MAIN SLEEVE
65.244	I-89-N	48N	LITTLE RIVER
65.374	I-89-N	49N	I 89 OVER TH NO 7
66.644	I-89-N	50N	I 89 OVER US 2
68.752	I-89-N	50-4	JONAH BRK
69.352	I-89-N	50-5	BROOK
70.582	I-89-N	51N	I 89 OVER US2&JOINER BK
73.044	I-89-N	51-4N	DUCK BROOK
73.086	I-89-N	51-5N	LAND ACCESS ROAD
73.550	I-89-N	52N	I 89 OVER TH NO 14
73.571	I-89-N	52-1	BROOK
73.996	I-89-N	53N	I 89 OVER US 2
74.589	I-89-N	53-1	BROOK
76.240	I-89-N	54	I 89 UNDER US 2
77.098	I-89-N	55N	I 89 OVER TH NO 4
77.403	I-89-N	55-1	BROOK
78.410	I-89-N	56N	I 89 OVER US 2
78.535	I-89-N	57N	I 89 OVER NECRR & BROOK
78.719	I-89-N	58N	I 89 OVER WIN. RIV. +TH16
78.977	I-89-N	59N	I 89 OVER TH NO 8
79.486	I-89-N	59-1	LAND ACCESS ROAD
79.519	I-89-N	59-2	BROOK
81.372	I-89-N	59-4N	BROOK
83.958	I-89-N	61N	I 89 OVER VT 2A
84.764	I-89-N	61-3	BROOK
84.991	I-89-N	63N	MUDDY BROOK
85.670	I-89-N	63-1N	BROOK
86.727	I-89-N	64-1N	BROOK
87.205	I-89-N	65N	I 89 OVER DORSET ST
87.327	I-89-N	65-2	POTASH BROOK
87.394	I-89-N	66N	I 89 OVER EB I189
87.488	I-89-N	67	I 89 UNDER I 189 WB
88.106	I-89-N	67-1	POTASH BROOK TRIBUTARY
88.508	I-89-N	67-2	MANHOLE COVER WATER MAIN
88.735	I-89-N	68	I 89 UNDER US 2
89.121	I-89-N	68-1	BROOK
89.442	I-89-N	69	I 89 UNDER PATCHEN RD
89.636	I-89-N	69-1	BROOK
90.008	I-89-N	70N	WINOOSKI RIVER
90.289	I-89-N	71N	I 89 OVER NECRR
90.475	I-89-N	72N	I 89 OVER VT 15
90.615	I-89-N	73N	I 89 OVER LAFOUNTAIN
90.699	I-89-N	73-1	MANHOLE COVER WATER MAIN

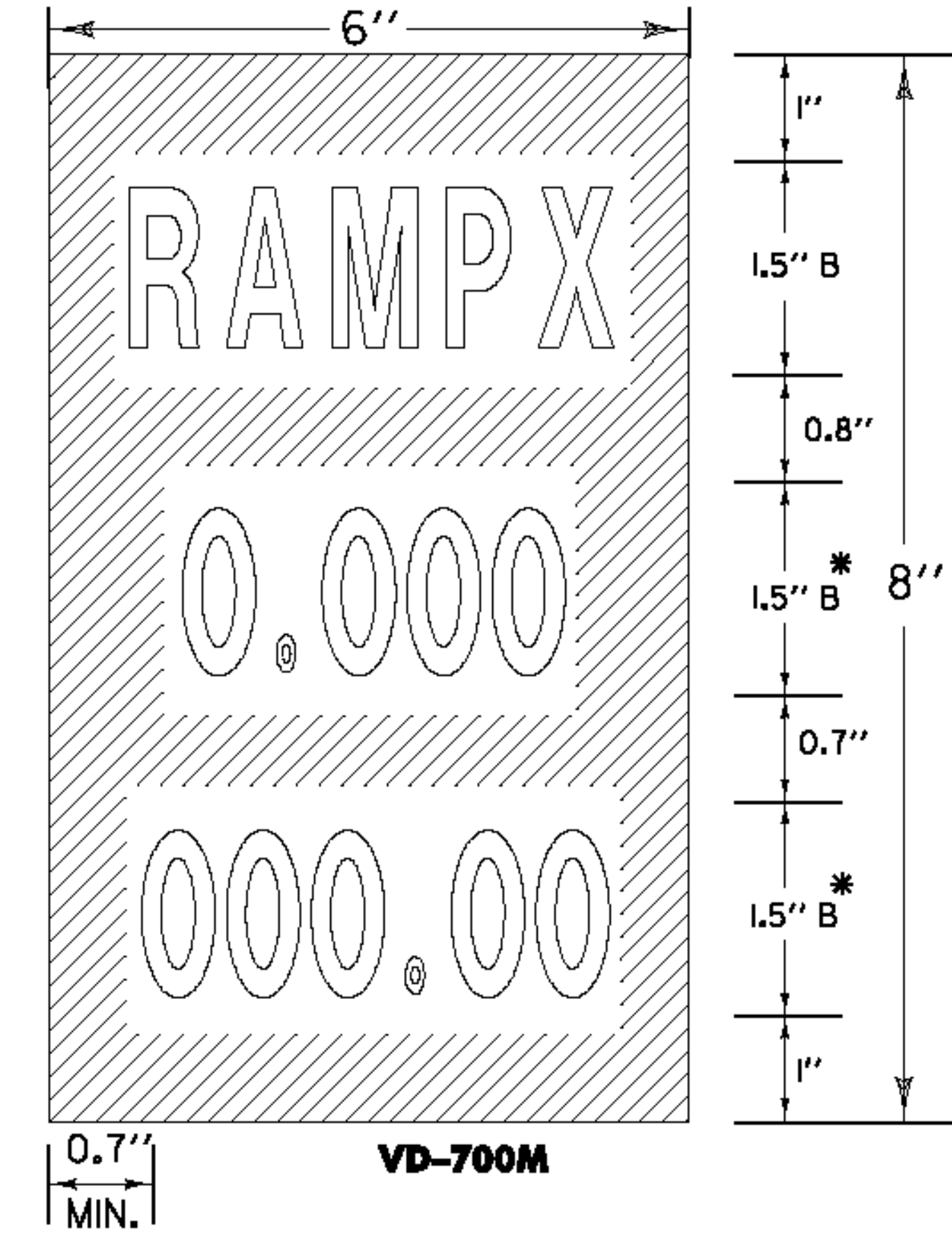
MILE MARKER	ROUTE	PLAQUE	CROSSING FEATURE
SOUTHBOUND			
63.532	I-89-S	46S	I 89 OVER TH 2 & BRK
65.244	I-89-S	48S	LITTLE RIVER
65.374	I-89-S	49S	I 89 OVER TH NO 7
66.644	I-89-S	50S	I 89 OVER US 2
70.478	I-89-S	51S	I 89 OVER US2&JOINER BK
73.044	I-89-S	51-4S	DUCK BROOK
73.086	I-89-S	51-5S	LAND ACCESS ROAD
73.550	I-89-S	52S	I 89 OVER TH NO 14
73.996	I-89-S	53S	I 89 OVER US 2
74.589	I-89-S	51-3	I 89 OVER TH NO 4
77.098	I-89-S	55S	I 89 OVER TH NO 4
78.410	I-89-S	56S	I 89 OVER US 2
78.535	I-89-S	57S	I 89 OVER NECRR & BROOK
78.719	I-89-S	58S	I 89 OVER WIN. R&TH 16
78.977	I-89-S	59S	I 89 OVER TH NO 8
81.325	I-89-S	59-4S	BROOK
81.735	I-89-S	60	I 89 UNDER TH NO 1
83.958	I-89-S	61S	I 89 OVER VT 2A
84.778	I-89-S	62	I 89 UNDER TH NO 3
84.991	I-89-S	63S	MUDDY BROOK
85.656	I-89-S	63-1S	BROOK
86.170	I-89-S	64	I 89 UNDER VT 116
86.681	I-89-S	64-1S	BROOK
87.214	I-89-S	65S	I 89 OVER DORSET ST
87.394	I-89-S	66S	I 89 OVER EB I189
89.218	I-89-S	68-2	BROOK
90.008	I-89-S	70S	WINOOSKI RIVER
90.289	I-89-S	71S	I 89 OVER NECRR
90.475	I-89-S	72S	I 89 OVER VT 15
90.615	I-89-S	73S	I 89 OVER LAFOUNTAIN

MILE MARKER	ROUTE	PLAQUE	CROSSING FEATURE
EXIT 11- U.S. 2			
1.256 WEST	US 2	27	BROOK
1.245 EAST	US 2	27	BROOK

THE FOLLOWING RAMPS REQUIRE MILE MARKER PLAQUES.

I-89 Ramp Milemarker Information			
EXIT	RAMP	Mainline MM	RAMP Length
10			
	A	63.423	0.106
	C	63.697	0.189
	D	63.856	0.173
	E	63.890	0.183
	F	64.038	0.213
	G	n/a	0.058
	H	63.896	0.196
11			
	A	78.157	0.362
	B	78.146	0.116
	C	78.371	0.342
	D	78.474	0.232
12			
	A	83.890	0.236
	B	83.689	0.274
	C	84.162	0.191
	D	84.162	0.208
13			
	A	87.214	0.254
	B	87.668	0.220
	C	87.508	0.268
	D	87.725	0.385
14			
	A	88.473	0.337
	B	88.720	0.252
	C	88.975	0.287
	D	88.758	0.229
	E	88.682	0.187
	F	88.511	0.250
	G	88.796	0.206
	H	88.947	0.235
15			
	A	90.336	0.155
	B	90.307	0.182

FOR EXAMPLE, RAMP IDENTIFICATION SHALL APPEAR AS: RAMPA, RAMPB



SIGN DETAIL SHEET 18

PROJECT NAME: WATERBURY - WINOOSKI

PROJECT NUMBER: IMG SIGN(18)

FILE NAME: z09a018signdet.dgn

PROJECT LEADER: CRB

DESIGNED BY: JBZ

CLD REF. NO.: 09-0124

PLOT DATE: 10/27/2009

DRAWN BY: JBZ

CHECKED BY: BDB

SHEET 153 OF 174

NOT TO SCALE