

DIMENSIONS											
 EDIAN VIDTH	LEFT BRIDGE RAIL OFFSET(A)	В	С	D	E	F	G	Ħ	1	J	w
30'	5'	5.5'	7.0'	11.0'	5.4'	6.0'	8.0'	54.0'	33.5'	4.0'	2.0'
40'	5'	6.0'	10.5'	16.0'	6.0'	10.01	16.0'	44.0'	43.0'	4.0'	2.5'
40'	8'	8.4'	11.4'	17.0'	8.8'	10.81	17.0'	48.0'	39.0'	3.0'	3.5'
40'	12'	12.2'	13.0'	17.0'	12.4'	13.0'	17.0'	48.5'	38.01	3.0'	3.0'

	OFFSETS (Y) FOR INTRODUCED GUARDRAIL TRANSITIONS											
LENGTH L			Y									
	×		W=0.50'	W - 0.75'	W=1.00'	W-2.00'	W=2.50'	w=3.00'	W=3.50'	W-4.00'		
	X1	6.25	0.03'	0.05'	0.06'	0.06'	0.07'	0.08'	0.10'	0.11'		
25.00'	X2	12.50	0.13'	0.19'	0.25'	0.22'	0.28'	0.33'	0.39'	0.44'		
23.00	Хз	18.75	0.28'	0.42'	0.56'	0.55'	0.63'	0.75'	0.88'	1.0'		
	X4	25.00	0.50'	0.75'	1.00'	0.89'	1.11'	1.33'	1.56'	1.78'		
37.50'	X5	31.25				1.39'	1.74'	2.08'	2.43'	2.78'		
37.30	Xĸ	37.50				2.00'	2.50'	3.00'	3.50'	4.00'		

DETAIL OF GUARDRAIL AT DUAL BRIDGES

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SPECIFICATION REFERENCE
221 505

W BEAM GUARDRAIL INSTALLATION CRITERIA

VIRGINIA DEPARTMENT OF TRANSPORTATION

REV. 7/01

501.34