



OFFSETS (Y) FOR INTRODUCED GUARDRAIL TRANSITIONS

LENGTH L	X	Y
		W=4'
37.50'	X ₁ 6.25	0.12'
	X ₂ 12.50	0.44'
	X ₃ 18.75	1.00'
	X ₄ 25.00	1.78'
	X ₅ 31.25	2.78'
	X ₆ 37.50	4.00'

* DIMENSIONS

MEDIAN WIDTH	A	B	C	D	E
30'	7.5'	18.5'	11.5'	13.5'	11.6'
40'	12.5'	23.5'	16.5'	18.5'	16.6'
60'	22.5'	33.5'	26.5'	28.5'	26.6'

* THE DIMENSIONS AS SHOWN HERE ARE FOR A 3' DIAMETER PIER. THESE DIMENSIONS WILL VARY AS ROADSIDE OBSTRUCTION DIMENSIONS DIFFER.

☆ SEE TABLE III, PAGE 501.36 OF THE ROAD AND BRIDGE STANDARDS FOR DEFINITION OF "X" AND "Y".

DETAIL OF GUARDRAIL AT BRIDGE PIERS USING STANDARD GR-2

W BEAM GUARDRAIL INSTALLATION CRITERIA