

Element Quantities - Steel Rolled Beam Alternative

Unit Wt. of Steel 490 lb/ft3
 Unit Wt. of Rein. Concrete 145 lb/ft3

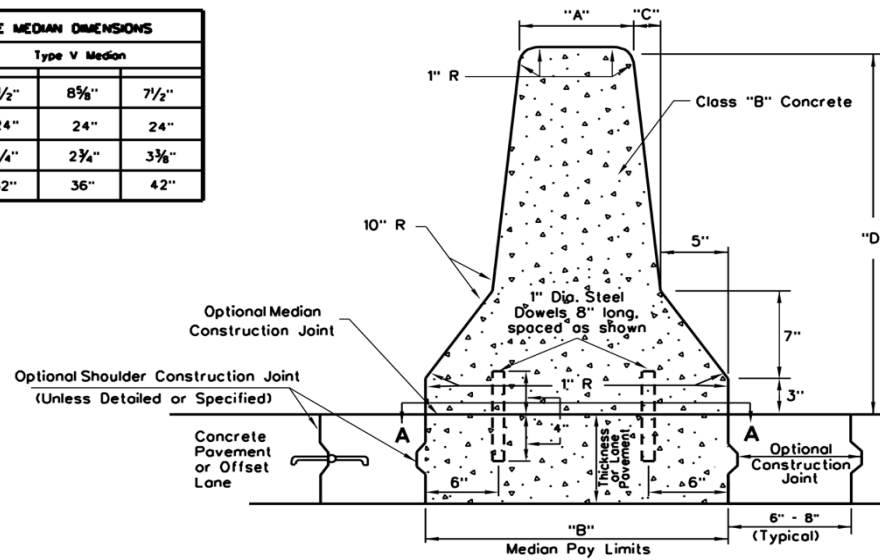
Part	Length (ft)	Area (ft ²)	Volume (ft ³)	# Required	Weight/ Part	Total Wt. (lbs)	LF of Steel - Girders
Rolled Beam - W 44 x 335	125	98.50	12312.50	4	6033125	24132500	500
						24132500	500

Part	Length (in)	Width (in)	Thickness (in)	# Required /Beam	Total # Required
Elastomeric Bearing Pads	20	18	5.875	2	8
AASHTO M 164 Bolts	-	-	-	328	1312

Part	Length (ft)	Width (ft)	Thickness (ft)	Volume (ft ³)	# Required	Weight/Par t	Total Wt. (lbs)	LF of Concrete
Concrete Deck	125	30	0.75	2812.5	1	407812.5	407812.5	125
Type V Median Parapet	125	0.79167	2.667	263.922	2	38268.672	76537.344	250
Class B Concrete							484350	375

(assuming rectangular shape)

F-SHAPE MEDIAN DIMENSIONS			
Designation	Type V Median		
"A"	9 1/2"	8 5/8"	7 1/2"
"B"	24"	24"	24"
"C"	2 1/4"	2 3/4"	3 5/8"
"D"	32"	36"	42"



(Adjacent to Concrete Paving)

F-SHAPE