

Part No.		Section [mm]	Quantity [nos]	Working Drawing	Weight	
					kg / pc	total kg
I - 1	a	Angle 65/65/6 l = 1850	16		10.63	170.08
	b	Rod f 12 l = 2164	4		1.92	7.68
	c	Rod f 12 l = 2536	4		2.25	9.00
I - 2	a	Plate 283/100/10	4		2.00	8.00
	b	IS Medium tube O.D. 76.1 t = 3.65 l = 2621	2		17.00	34.00
I - 3		Plate 290/296 /6	4		3.96	15.84
				Notes : - Transportation unit of Part I-1 = 58.86 kg - Transportation unit of Part I-2 = 26.51 kg. All Structural steel must comply with : IS 226 - 1975 for structural steel. IS 800-1984 for general construction in steel. All steelparts must be hot dip galvanised according to IS 2629 & 2633, min thickness = 80 μ m Nos of Elements : For one Tower No.1, height 5.50 m 2 Intermediate Elements are required. For one Tower No.2, height 7.35 m 3 Intermediate Elements are required. For one Tower No.3, height 9.20 m 4 Intermediate Elements are required.		
				A = 264.54 kg. Transportation Weight Galvanised : B + C + 4.42 kg.		
				B = 250.60 kg. Total Structural Steel to be galvanized		
				C = 9.52 kg. Nuts, Bolts, Washer		
				Notes : - Transportation unit of Part I-1 = 58.86 kg - Transportation unit of Part I-2 = 26.51 kg. All Structural steel must comply with : IS 226 - 1975 for structural steel. IS 800-1984 for general construction in steel. All steelparts must be hot dip galvanised according to IS 2629 & 2633, min thickness = 80 μ m Nos of Elements : For one Tower No.1, height 5.50 m 2 Intermediate Elements are required. For one Tower No.2, height 7.35 m 3 Intermediate Elements are required. For one Tower No.3, height 9.20 m 4 Intermediate Elements are required.		
				HMG / Ministry of Local Development DoLIDAR / Short SpanTrail Bridge Standard Bridge Name: _____ No: _____ Span: _____ Steel Drawing: _____ Intermediate Element for Tower No. 1, 2 or 3 Steelpart List for one Element Nos of Elements required : _____ Date : September 30, 2002 Drawing No. 109N		