

## STEELPART LIST

Part no	Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length		Weight		Surface to be Painted		Total weight (finished) Galvanized kg	Remarks
				Single/pc mm	Total m	kg/pc	Total kg	m <sup>2</sup> /pc	Total m <sup>2</sup>		
T-1	a Angle 65/65/6 ℓ = 1850	8		1850	14.80	10.63	85.04	0.48	3.84	87.38	* On the end of angles the corner to be ground off (for a length of 200 mm) as shown above.  ø 12 mm rods to be bent as shown.
	b Rod ø 12 mm ℓ = 2164	4		2164	8.66	1.92	7.68	0.08	0.32	7.88	Part nos. T-1 (a, b, c) to be welded together as shown in welding detail.
	c Rod ø 12 mm ℓ = 2536	4		2536	10.14	2.25	9.00	0.10	0.40	9.24	
T-2	a Rod ø 10mm ℓ = 3709	2		3709	7.42	2.30	4.60	0.12	0.24	4.75	Part no T-2 (a) ø 10 mm rod to be bent as shown.  Part nos. T-2 (a, b) to be welded together as shown in welding detail.
	b Angle 50/50/6 ℓ = 2505	4		2505	10.02	11.27	45.08	0.47	1.88	46.23	
	Plate 380/296/6	4		-	-	5.16	20.64	0.23	0.92	21.20	

## NOTES :

- 1) To obtain uniformity, use of templates and jigs is mandatory for haling bending and welding of assembly.
- 2) All parts or bundles and packages with identical parts have to be labelled or marked with the respective part number by the workshop.
- 3) "Friction grip bolt, nuts and washers" are mentioned in this drawing. However "Galvanized black grade hexagonal bolts and nuts (IS 1363, property class 4.6) and washers (IS 6610)" can be supplied.

Serial number	Item	Total weight (kg)
1	Structural steel	247.34
2	Screws, bolts, nuts, washers	28.06
Total 1+2		275.40

TOTAL TRANSPORTATION WEIGHT : 282.05 kg

MoLD / DoLIDAR / Trail Bridge Section  
Long Span Trail Bridge Standard

Bridge No: \_\_\_\_\_ Name: \_\_\_\_\_

Span: \_\_\_\_\_

Working Drawing :

## Tower Top Element

Standard section : 300 x 400 mm

Effective height : 2020 mm

Angle : 65/65/6 mm

Units : ..... 1 Unit = Steelparts for one Tower

Date: August 2004

Drawing No.121