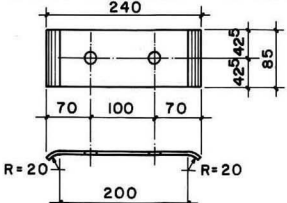
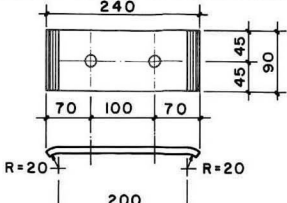
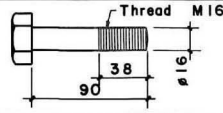

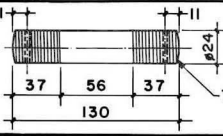
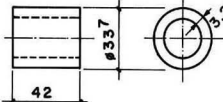
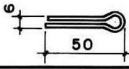



STEELPART LIST

Part no.	Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length Single/pc mm	total m	Weight kg/pc	total kg	Surface to be painted m ² /pc	total m ²	Total weight (finished) Galvanized kg	Remarks
a	Plate 538 / 200 / 8	1	Refer to detail	—	—	6.11	6.11	0.19	0.19	6.23	
b	Plate 240 / 85 / 6	1	 <p>2 holes ϕ 17 thickness = 6</p>	—	—	0.94	0.94	0.02	0.02	0.95	Weight of one welded unit = 7.05 kg Galvanized unit = 7.18 kg Part nos. I(a-b) to be welded together as shown in welding detail.
2	Plate 236 / 90 / 10	1	 <p>2 holes ϕ 17 thickness = 10</p>	—	—	1.63	1.63	0.05	0.05	1.66	
3	Hexagonal bolt M 16 x 90 IS 1363	2	 <p>Thread M 16</p>	—	—	0.17	0.34	Galvanized			Ref: IS 1363-1967
4	Hexagonal nut M 16 IS 1363	2		—	—	0.032	0.064	Galvanized			Ref: IS 1363-1967
5	Washer ϕ 18 IS 6610	2		—	—	0.028	0.056	Galvanized			Ref: IS 6610-1972
6	Pin ϕ 24 l = 130	1	 <p>THREAD DATA: Major Dia. = 24.000 Minor Dia. = 20.320 Pitch = 3 2 holes ϕ 7</p>	130	0.13	0.43	0.43	Apply grease only		0.44	
7	Pipe, l = 42 Outside ϕ = 33.7 Inside ϕ = 27.2 Thickness = 3.25	1		42	0.042	0.10	0.10	0.01	0.01	0.11	
8	Split pin ϕ 6 l = 50	2		—	—	0.011	0.022	Bright steel			
9	Hexagonal nut M 24 IS 1363	2		—	—	0.10	0.20	Galvanized			Ref: IS 1363-1967
10	Open thimble	1	Thimble to ISI standard for cable ϕ 13 mm	—	—	0.12	0.12	Galvanized			Ref: IS 2315-1978
11	Bulldog grip	3	M.S. forged bulldog grip to ISI standard for cable ϕ 13 mm	—	—	0.28	0.84	Galvanized			Ref: IS 2361-1970
TOTAL (1-11) =						10.852 kg		0.27 m²		9.39 kg	

Steel parts to be Galvanized :	9.21 kg	Hot Dip Galvanization : IS 2629, IS 2633
Steel Parts to be painted :	0.27 m ²	Weight of Zinc Coat : 0.61 kg / m ²

NOTES :

- All nuts have to be retightened after erection.
- All nongalvanized threads have to be painted in site with coaltar after retightening of the nuts.
- All steel parts have to be painted with final coat after bridge erection, Only if not galvanized.
- To obtain uniformity, use of templates and jigs is mandatory for holing, bending and welding of assembly.
- All parts or bundles and packages with identical parts have to be labelled or marked with the respective part number by the workshop.

Serial number	Item	Total weight (kg)
1	Structural steel	9.232
2	Screws, bolts, nuts, washers	0.66
Total 1 + 2		9.892

(Pieces)		
Thimbles for Cable ϕ 13 mm	1	
Bulldog grips for cable ϕ 13 mm	3	

TOTAL TRANSPORTATION WEIGHT : 11.03 kg

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

Bridge No: _____ Name: _____

Span: _____

Working & Assembly Drawing :

Stabilizing Cable Clamp

For 4 Main cables

Units : 1 Unit \equiv Steel parts for one Clamp.

Date: August 2004

Drawing No. 22