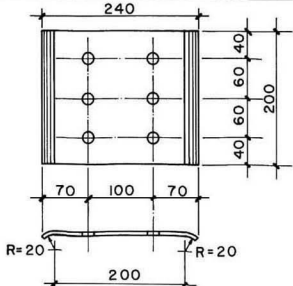
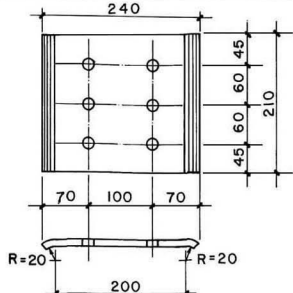
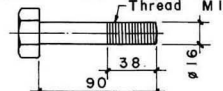


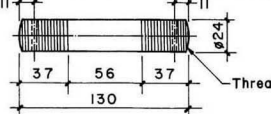
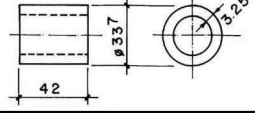
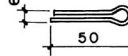



STEELPART LIST

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 ² /pc	total m ²		
1	a Plate 882 / 200 / 8	1	Refer to detail	—	—	10.30	10.30	0.31	0.31	10.49	Weight of one welded unit = 12.50 kg. Galvanized unit = 12.73 kg. Part nos. 1(a-b) to be welded together as shown in welding detail.
	b Plate 240 / 200 / 6	1		—	—	2.20	2.20	0.06	0.06	2.24	
2	Plate 236 / 210 / 10	1		—	—	3.78	3.78	0.10	0.10	3.84	
3	Hexagonal bolt M 16 x 90 IS 1363	6		—	—	0.17	1.02	Galvanized			Ref: IS 1363-1967.
4	Hexagonal nut M16 IS 1363	6		—	—	0.032	0.192	Galvanized			Ref: IS 1363-1967.
5	Washer ø 18 IS 6610	6		—	—	0.028	0.168	Galvanized			Ref: IS 6610-1972.
6	Pin ø 24 l=130	1		130	0.13	0.43	0.43	Apply grease only		0.44	
7	Pipe ; l=42 Outside ø=33.7 Inside ø=27.2 Thickness=3.25	1		42	0.042	0.10	0.10	0.01	0.01	0.11	
8	Split pin ø 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 ø 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 ø 13 mm	—	—	0.28	0.84	Galvanized			Ref: IS 2361-1970
TOTAL (1-11) =				19.372 kg		0.48 m ²		17.12 kg			

Steel parts to be Galvanized :	16.81 kg	Hot Dip Galvanization : IS 2629 , IS 2633
Steel Parts to be painted :	0.48 m ²	Weight of Zinc Coat : 0.61 kg / m ²

NOTES :

- 1) All nuts have to be retightened after erection.
- 2) All nongalvanized threads have to be painted in site with coaltar after retightening of the nuts.
- 3) All steel parts have to be painted with final coat after bridge erection, only if not galvanized.
- 4) To obtain uniformity, use of templates and jigs is mandatory for holing, bending and welding of assembly.
- 5) 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	16.832
2	Screws, bolts, nuts, washers	1.58
Total 1+2		18.412

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

TOTAL TRANSPORTATION WEIGHT : 19.68 kg

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

Bridge No: Name:

Span:

Working & Assembly Drawing :

Stabilizing Cable Clamp

For 8 Main cables

Units : 1 Unit = Steel parts for one Clamp.

Date: August 2004

Drawing No. 24