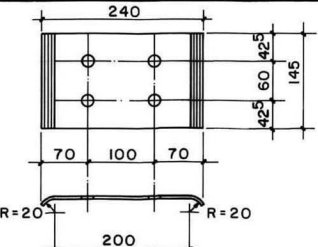
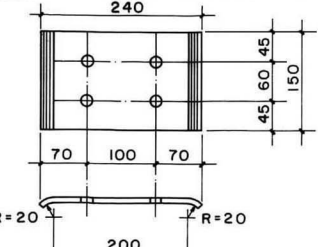
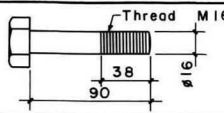

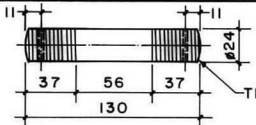
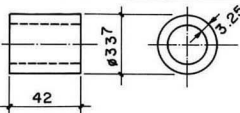
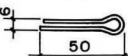



## STEELPART LIST

Part no.	Section (mm)	Quantity	Working Drawing (Dimension in mm)	Length Single/pc total m	Weight kg/pc total kg	Surface to be painted m <sup>2</sup> /pc total m <sup>2</sup>	Total weight (Finished) Galvanized kg	Remarks
1	a Plate 742/200/8	1	Refer to detail	—	8.57	0.26	8.73	Weight of one welded unit = 10.17 kg Galvanized unit = 10.35 kg  Part nos.1(a-b) to be welded together as shown in welding detail.
	b Plate 240/145/6	1		—	1.60	0.04	1.62	
2	Plate 236/150/10	1		—	2.71	0.08	2.76	
3	Hexagonal bolt M 16 x 90 IS 1363	4		—	0.17	Galvanized		Ref: IS 1363-1967
4	Hexagonal nut M 16 IS 1363	4		—	0.032	Galvanized		Ref: IS 1363-1967
5	Washer $\phi$ 18 IS 6610	4		—	0.028	Galvanized		Ref: IS 6610-1972
6	Pin $\phi$ 24 L=130	1	 THREAD DATA: Major Dia.=24.000 Minor Dia.=20.320 Pitch = 3 2 holes $\phi$ 7	130	0.43	Apply grease only	0.44	
7	Pipe, L = 42 Outside $\phi$ = 33.7 Inside $\phi$ = 27.2 Thickness = 3.25	1		42	0.042	0.01	0.11	
8	Split pin $\phi$ 6 L = 50	2		—	0.011	Bright steel		
9	Hexagonal nut M 24 IS 1363	2		—	0.10	Galvanized		Ref: IS 1363-1967
10	Open thimble	1	Thimble to ISI standard for cable $\phi$ 13 mm	—	0.12	Galvanized		Ref: IS 2315-1978
11	Bulldog grip	3	M.S. forged bulldog grip to ISI standard for cable $\phi$ 13 mm	—	0.28	Galvanized		Ref: IS 2361-1970
TOTAL (1-11) =					15.512 kg	0.39 m <sup>2</sup>	13.66 kg	

Steel parts to be Galvanized :	12.88 kg	Hot Dip Galvanization : IS 2629, IS 2633
Steel Parts to be painted :	0.39 m <sup>2</sup>	Weight of Zinc Coat : 0.61 kg / m <sup>2</sup>

## 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	13.432
2	Screws, bolts, nuts, washers	1.12
Total 1 + 2		14.552

		(Pieces)
Thimbles for Cable $\phi$ 13 mm		1
Bulldog grips for cable $\phi$ 13 mm		3

TOTAL TRANSPORTATION WEIGHT : 15.76 kg

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

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

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

Working &amp; Assembly Drawing :

Stabilizing Cable Clamp  
For 6 Main cablesUnits : ..... 1 Unit  $\equiv$  Steel parts for one Clamp.

Date: August 2004

Drawing No. 23