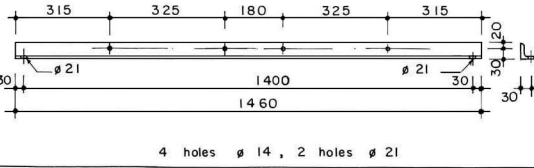
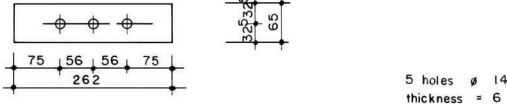
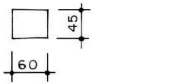
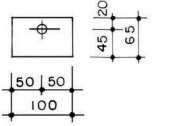
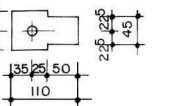
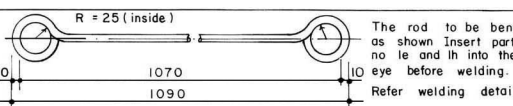
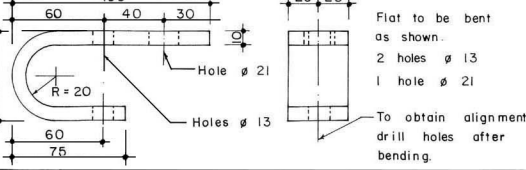

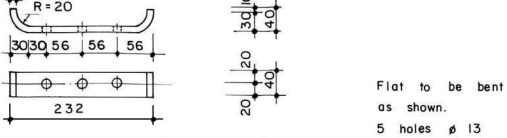
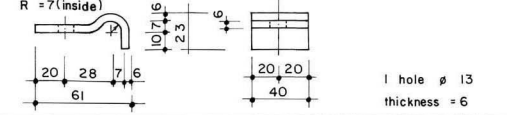
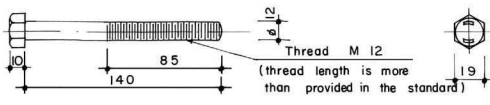
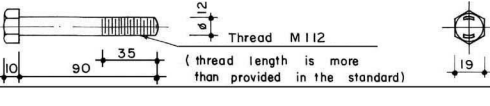



## STEELPART LIST

Part no.	Section (mm)	Quantity	Working Drawing	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>			
I	a	Angle 50/50/6 L = 1460	2		1460	2.92	6.51	13.02	0.292	0.584	13.376	
	b	Flat 65/6 L = 262	2		262	0.524	0.801	1.602	0.034	0.068	1.643	
	c	Flat 45/6 L = 60	2		60	0.12	0.127	0.254	0.005	0.010	0.260	
	d	Flat 65/6 L = 100	2		100	0.20	0.306	0.612	0.013	0.026	0.606	
	e	Flat 65/6 L = 110	2		110	0.22	0.29	0.58	0.012	0.024	0.595	
	f	Taper Washer ø 14 IS 5372	18	Taper Washer as per IS 5372 - 1975			—	—	0.020	0.36	Galvanized	
g	Rod ø 10 L = 1327	2		1327	2.654	0.795	1.59	0.04	0.08	1.639		
h	Flat 40/10 L = 224	2		224	0.448	0.655	1.31	0.022	0.044	1.337		
i	Hexagonal nut M 12, IS 1363	8		—	—	0.018	0.144	Galvanized			Part nos. I (a-i) to be welded together as shown in welding detail.	
2	Flat 40/10 L = 271	2		383	0.766	0.851	1.702	0.022	0.044	1.729		
3	Flat 40/6 L = 76	2		76	0.152	0.143	0.286	0.006	0.012	0.293		
4	Hexagonal bolt M 12 x 140 IS 1363	2.10		—	—	0.128	0.27	Galvanized			5% extra pieces. Ref: IS 1363 - 1967	
5	Hexagonal bolt M 12 x 90 IS 1363	6.3		—	—	0.088	0.554	Galvanized			5% extra pieces. Ref: IS 1363 - 1967	
6	Hexagonal nut M 12 - IS 1363	18.90		—	—	0.018	0.34	Galvanized			5% extra pieces. Ref. IS 1363 - 1967	
7	Chain link, Wire-mesh netting, width: 130 cm mesh size 60 x 60 G. I wire 10 S.W.G. (ø 3.15)			—	—	—	—	Galvanized			Length per meter span = 2.05 m Weight per meter span = 6.929 kg.	
8	Binding wire 10 SWG ø 3.15			—	—	—	—	Galvanized			Weight per meter span = 0.320 kg.	
TOTAL (1 - 6)						22.624 kg	0.892 m <sup>2</sup>	21.478kg				
				Steel parts to be Galvanized : 20.95 kg		Hot Dip Galvanization : IS 2629, IS 2633						
				Steel parts to be painted : 0.892 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 of bundles and packages with identical parts have to be labelled or marked with the respective parts number by the workshop.
- 6) Assembly details for steel deck see drawing O6.

Serial number	Item	Total weight (kg)
1	Structural steel	20.95
2	Screws, bolts, nuts, washers	1.66
Total 1 + 2		22.61

TOTAL TRANSPORTATION WEIGHT : 23.14 kg  
(Excluding Part Nos. 7, 8)

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

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

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

Working & Assembly Drawing :

**Walkway for  
8 Main Cables**

Units : ..... 1 Unit = Steel parts for 1.20 m bridge length.  
≈ 0.86 X span

Date: August 2004

Drawing No. 03