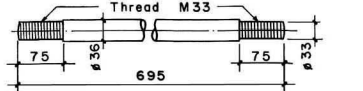
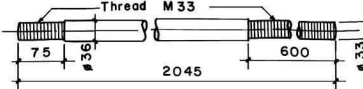
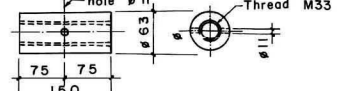
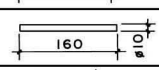
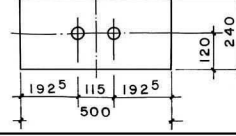
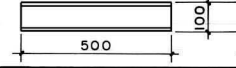
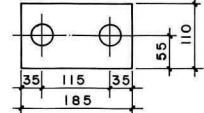
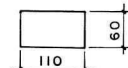
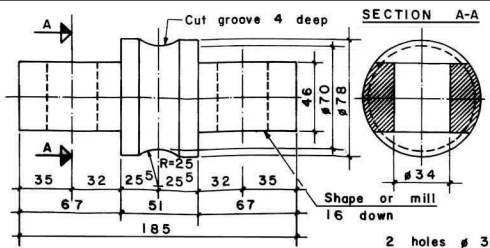
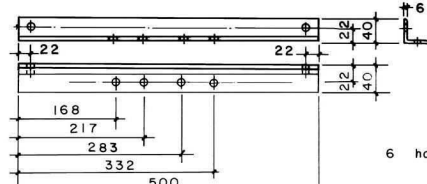
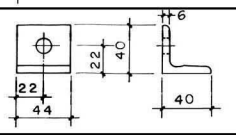
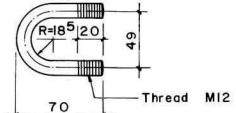


STEELPART LIST

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
1	a Rod ϕ 36 $l = 695$	2		THREAD DATA: Major Dia=33.000 Minor Dia=28.706 Pitch = 3.5	695	1.39	5.25	10.50	—	Weight of one welded unit = 5.37 kg
	b Plate 60/60/6	2		1 hole ϕ 38 thickness = 6	—	—	0.12	0.24	—	Part nos. 1(a-b) to be welded together as shown in welding detail.
2	Rod ϕ 36 $l = 2045$	2		THREAD DATA: Major Dia=33.000 Minor Dia=28.706 Pitch = 3.5	2045	4.09	14.92	29.84	—	Difficult part for transportation.
3	a Rod ϕ 63 $l = 150$	2		THREAD DATA: Major Dia=33.000 Minor Dia=29.211 Pitch = 3.5	150	0.30	2.76	5.52	—	Weight of one welded unit = 2.83 kg
	b Rod ϕ 10 $l = 160$	2		1 hole ϕ 11	160	0.32	0.07	0.14	—	Part nos. 3(a-b) to be welded together as shown in welding detail.
4	a Plate 500/240/10	1		2 holes ϕ 38 thickness = 10	—	—	9.24	9.24	—	Weight of one welded unit = 20.40 kg
	b Channel ISMC 100-500	2		1 hole ϕ 38	500	1.00	4.60	9.20	—	
	c Plate 185/110/8	1		2 holes ϕ 38 thickness = 8	—	—	1.14	1.14	—	
	d Plate 110/60/8	2		thickness = 8	—	—	0.41	0.82	—	
5	Rod ϕ 80 $l = 185$	1		SECTION A-A Cut groove 4 deep R=25 Shape or mill 16 down 2 holes ϕ 34	185	0.19	4.67	4.67	0.05	4.70
6	a Angle 40/40/6 $l = 500$	1		6 holes ϕ 13	500	0.50	1.71	1.71	—	Weight of one welded unit = 2.01 kg
	b Angle 40/40/6 $l = 44$	2		1 hole ϕ 13	44	0.09	0.15	0.30	—	
7	Rod ϕ 12 $l = 156$	2		Rod to be bent after forming thread as shown. Thread M12	156	0.31	0.13	0.26	—	

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 Part nos. 1-14 :	81.77
	Part nos 15-18 :	...
	Total :	...
2	Screw, bolts, nuts & washers Part nos. 10-12 :	3.60
3	Reinforcement Part nos. 17	...
Total 1 + 2 + 3		...

TOTAL TRANSPORTATION WEIGHT	
For Including clamp (1 - 14)	94.85 kg
(17, 18)	...
Total	...
For Excluding clamp (1 - 16)	111.01 kg
(17, 18)	...
Total	...

	(Pieces)
Thimbles for Cable ϕ 32 mm	1
Bulldog grips for cable ϕ 32 mm	6

MoLD / DoLIDAR / Trail Bridge Section Long Span Trail Bridge Standard	
Bridge No:	Name:
Span:	
Working & Assembly Drawing :	
Windguy Cable Anchorage	
Capacity : 195 kN	
1 Cable ϕ 32 mm	
Units :	1 Unit = Steel parts for one block
Date: August 2004	Drawing No. 42