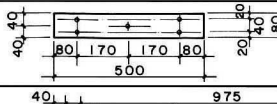
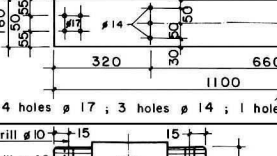
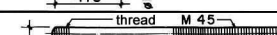
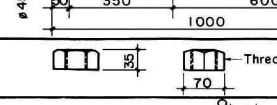
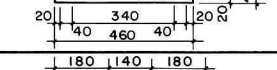
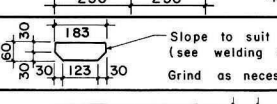
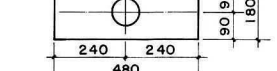
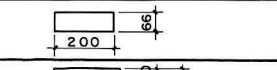
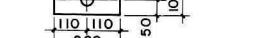
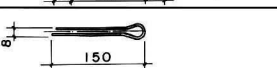
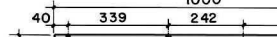
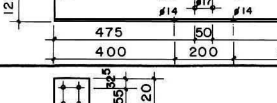
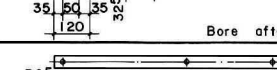
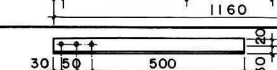
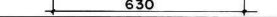


STEELPART LIST

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 ² /pc	total m ²		
a	Flat 80 / 8 ℓ = 500	8		500	4.00	2.46	19.68	0.08	0.64	20.07	
b	Flat 160 / 10 ℓ = 1100	16		1100	17.60	13.34	213.44	0.36	5.76	216.95	Gas cutting prohibited for part no. 1b
c	IS Square bar 80 ℓ = 150	8		150	1.20	4.90	39.20	0.04	0.32	39.39	
d	Rod 10 ℓ = 110	16		110	1.76	0.07	1.12	—	—	1.15	Weight of one welded unit = 46.47kg
e	Rod 45 ℓ = 1000	8		1000	8.00	11.52	92.16	0.05	0.40	92.51	- Galvanized unit = 47.03kg
f	Hexagonal nut M 45	8		—	—	0.77	6.16	Galvanized	—	—	Part nos. 1 (a-f) to be welded together as shown in welding detail.
2	Flat 40 / 6 ℓ = 460	8		460	3.68	0.84	6.72	—	—	—	
a	Channel ISMC 200-500	8		500	4.00	10.71	85.68	0.25	2.00	86.90	
b	Plate 183/60/10	16		—	—	0.79	12.64	0.03	0.48	12.93	
c	Plate 480/180/8	8		—	—	5.03	40.24	0.08	0.64	40.63	Weight of one welded unit = 45.68kg
d	Plate 200/66/10	16		—	—	1.04	16.64	0.03	0.48	16.93	- Galvanized unit = 46.30kg
e	Plate 220/100/12	16		—	—	1.72	27.52	0.03	0.48	27.81	Part nos. 3 (a-e) to be welded together as shown in welding detail.
4	Pin 90 ℓ = 180	4		180	0.72	8.88	35.52	Apply grease only	—	35.68	
5	Split pin 8 ℓ = 150	8		—	—	0.06	0.48	Bright steel	—	—	
a	Channel ISMC 125-1000	16		1000	16.00	12.61	201.76	—	—	—	Weight of one welded unit = 13.25kg
b	Plate 120/120/6	16		—	—	0.64	10.24	—	—	—	Part nos. 6 (a-b) to be welded together as shown in welding detail.
7	Flat 40 / 6 ℓ = 1160	8		1160	9.28	2.17	17.36	—	—	—	
8	Angle 50/50/6 ℓ = 630	8		630	5.04	2.79	22.32	—	—	—	

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 steelparts 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 - 19 : Part nos 20 -27 : Total :	1335.28
2	Screw, bolts , nuts & washers Part nos. if, 13 - 18 : Part nos. 22 - 25 : Total	67.52
3	Reinforcement Part nos. 20 :	
Total 1 + 2 + 3		1402.8

TOTAL TRANSPORTATION WEIGHT	
Part nos. 1 - 19 :	1410.17 kg
Part nos. 20 - 29 :	*** **
Total	*** **kg

	(Pieces)
Thimbles for Cable Ø32,(36),[40]	4
Bulldog grips for cable Ø32,(36),[40]	24 (20) [32]

MoLD / DoLIDAR / Trail Bridge Section Long Span Trail Bridge Standard	
Working No:	Name:
Span:	
Working & Assembly Drawing :	
Main Cable Anchorage	
4 Main Cables ϕ mm	36 / 40mm
Capacity : 1220 kN	
Centre to Centre Distance: $c/c_1 = 4.00\text{m}$	
Units :	1 Unit $\equiv$ Steelparts for one block