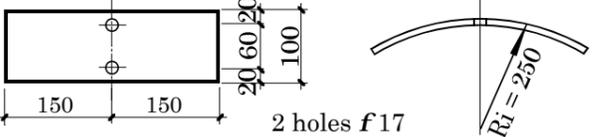
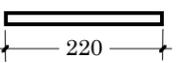
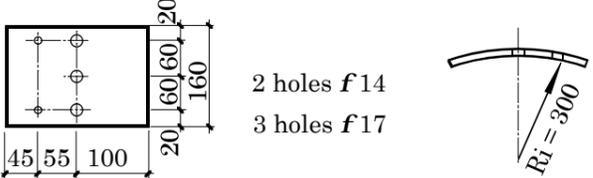
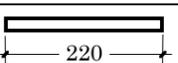
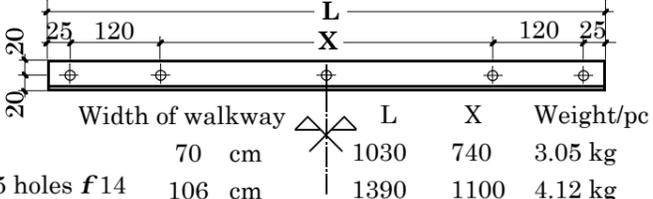
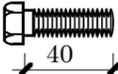
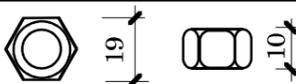
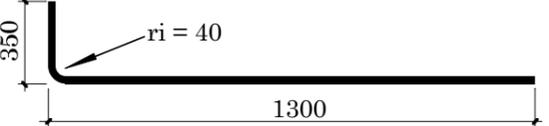
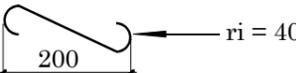
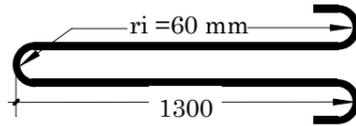
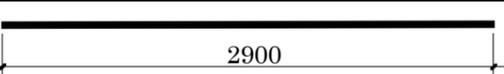
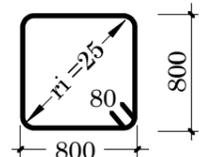
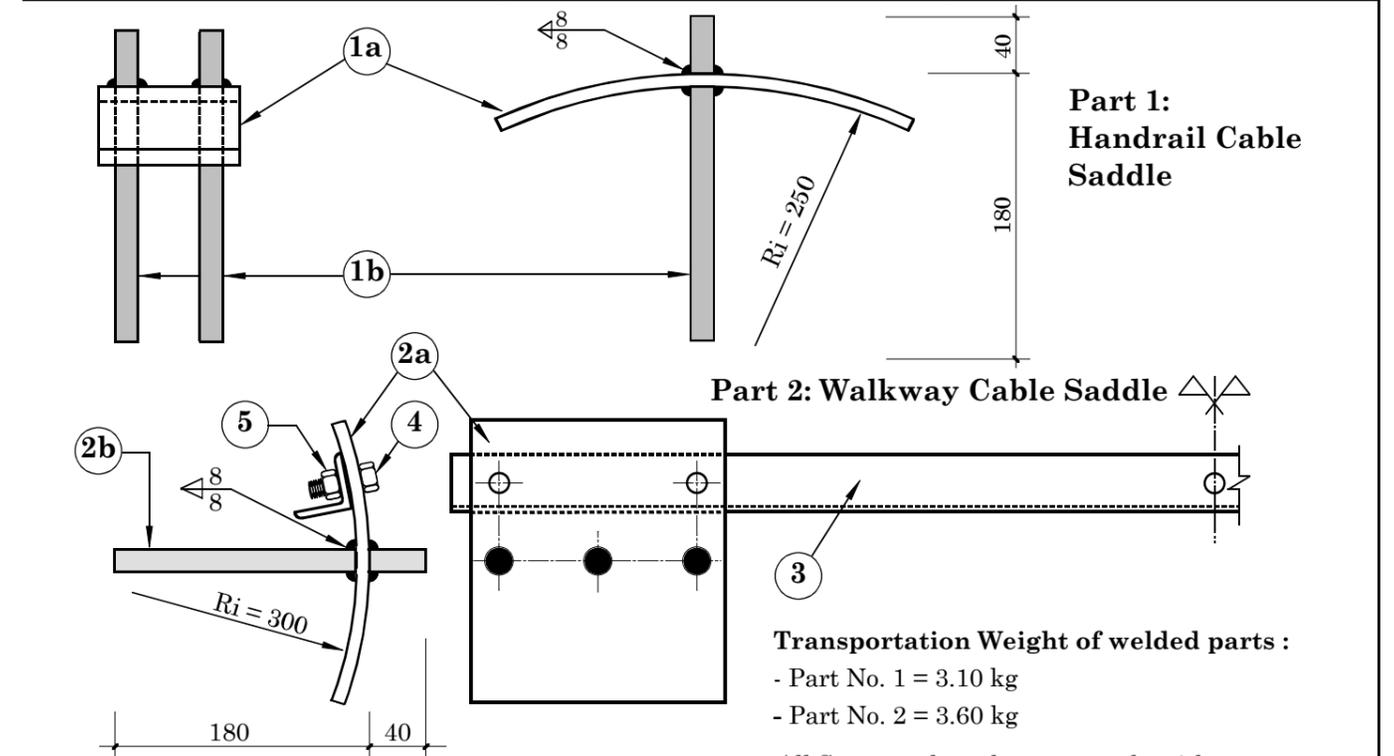


Part No.	Section [mm]	Quantity [nos]	Working Drawing	Weight													
				Kg/pc	total Kg												
1	a Plate 100/300/10	2		2.35	4.70g												
	b Ri-Bar f 16 l = 220	4		0.35	1.40g												
2	a Plate 160/200/10	2		2.50	5.00g												
	b Ri-Bar f 16 l = 220	6		0.35	2.10g												
3	Angle (spacer) 40/40/5 l =	1	 <table border="1" style="margin-top: 10px;"> <tr> <td>Width of walkway</td> <td>L</td> <td>X</td> <td>Weight/pc</td> </tr> <tr> <td>70 cm</td> <td>1030</td> <td>740</td> <td>3.05 kg</td> </tr> <tr> <td>106 cm</td> <td>1390</td> <td>1100</td> <td>4.12 kg</td> </tr> </table>	Width of walkway	L	X	Weight/pc	70 cm	1030	740	3.05 kg	106 cm	1390	1100	4.12 kg U
Width of walkway	L	X	Weight/pc														
70 cm	1030	740	3.05 kg														
106 cm	1390	1100	4.12 kg														
4	Hex bolt M12 - 40	4		0.065	0.26c												
5	Hex nut M12	4		0.015	0.06c												
6	Ri - Bar f 16 l = 1650	4		2.61	10.44R												
7	Ri-Bar f 6 l = 320	10		0.07	0.70R												
8	Ri - Bar f 16 l =	2	 <table border="1" style="margin-top: 10px;"> <tr> <td>Width of walkway</td> <td>L</td> <td>Weight/pc</td> </tr> <tr> <td>70 cm</td> <td>2100</td> <td>3.32 kg</td> </tr> <tr> <td>106 cm</td> <td>2500</td> <td>3.95 kg</td> </tr> </table>	Width of walkway	L	Weight/pc	70 cm	2100	3.32 kg	106 cm	2500	3.95 kg R			
Width of walkway	L	Weight/pc															
70 cm	2100	3.32 kg															
106 cm	2500	3.95 kg															
9	Bulldog Grip f	2	for fixing first suspender at handrail cable f 26 or 32 MS forged, according to ISI standard, hot dip galvanized D												
10	Plain Rod f 20 l = 3100	4*	 <p>*Erection Hooks needed at one bank only</p>	7.66 R												
11	Ri-Bar f 20 l = 2900	8		7.16	57.28R												
12	Ri - Bar f 12 l = 3350	11		2.98	32.78R												

Part No.	Section [mm]	Quantity [nos]	Working Drawing	Weight	
				Kg/pc	total Kg
13	Bulldog Grips MS forged ISI standard f 13	12	for fixing & joining Fixation Cable f 13mm	0.28	3.36D
14	f	for Handrail Cable f 26 or 32mm D
15	f	for Walkway Cable f 26 or 32mm D
16		1	Binding wire	1.00	1.00
A =		B =		g = 13.20 kg.	
Total transportation Weight B+C+D+R+ 1.22 kg.		Total Structural Steel = (u+g)		Steel to be galvanized	
C = 0.32 kg Nuts, Bolts, Washers		D = kg Bulldog Grips		R = kg Reinforcement Steel	



All Structural steel must comply with :
IS 226 - 1975 for structural steel.
IS 800-1984 for general construction in steel.

Related Construction Drawings are :

- 20Dcon70	or 20Dcon106
- 27Dcon	- 35Dcon
- 28Dcon	- 43Dcon
- 29Dcon	- 44Dcon
- 30Dcon	- 45Dcon
- 31Dcon	- 46Dcon
- 32Dcon	- 47Dcon
- 33Dcon	- 48Dcon
- 34Dcon	- 49Dcon

The following steelparts must be hot dip galvanized acc. to IS 2629 & 2633, min thickness = 80 μm

Part No. 1 & 2

All Nuts & Bolts must conform to IS 1363 and are galvanized acc. to IS 1367, Part XIII

Cable f mm	Bulldog Grips for four cables	Weight.	
		(kg/pc)	Total kg
26	20	1.10	22.00
32	24	1.30	31.20

HMG / Ministry of Local Development
DoLIDAR / Short Span Trail Bridge Standard

Bridge Name: _____
No: _____ Bank: _____ Span: _____
Steel Drawing: _____

Saddles & Reinforcement for RCC Deadman & Gravity Soil Anchor for 4 Walkway Cables

Walkway Width : _____ cm

Set for one Foundation
Nos of Foundation required, 1 or 2 : _____

Date : Nov. 05, 2001 Drawing No. 20D4