

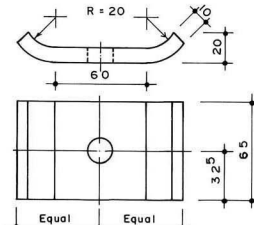
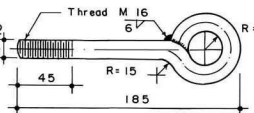
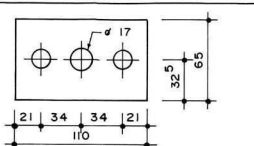
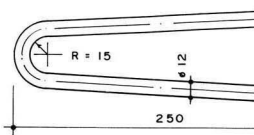
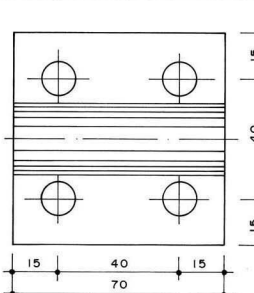
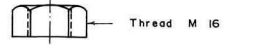
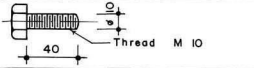
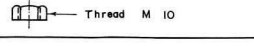
## SUSPENDER LIST

Suspender number				
Cable centre to centre distance c/c				
Total suspender length $L = c/c - 542$ mm				
Length of extra piece $L_r$				
Cutting length of extra piece $L_c = L_r + 180$ or 240				
Number of standard length pieces				
Suspender number				
Cable centre to centre distance c/c				
Total suspender length $L = c/c - 542$ mm				
Length of extra piece $L_r$				
Cutting length of extra piece $L_c = L_r + 180$ or 240				
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Length of extra piece $L_r$				
Cutting length of extra piece $L_c = L_r + 180$ or 240				
Number of standard length pieces				

Total weight of Suspender rods ..... kg.  
Total weight(Finished) of Suspender rods Galvanized ..... kg.  
Total paint surface of Suspender rods ..... m<sup>2</sup>  
Total number of Suspenders N :  
(Suspender number 1, 2 pieces, all other Suspender numbers 4 pieces)

Hot Dip Galvanization IS 2629, IS 2633  
Weight of Zinc Coat 0.61 kg / m<sup>2</sup>

WEIGHT	Total Weight of Suspender Rods from Suspender List	..... kg.
	Total Weight of Other Parts = 2.95 x N kg	..... kg.
	GRAND TOTAL	..... kg.
SURFACE	Total Surface of Suspender Rods to be Painted from Suspender List	..... m <sup>2</sup>
	Total Surface of Other Parts to be Painted = 0.08 x N m <sup>2</sup>	..... m <sup>2</sup>
	GRAND TOTAL	..... m <sup>2</sup>
Weight to be Galvanized	Suspender Rods to be Galvanized	..... kg.
	Other Parts to be Galvanized = 2.72 x N kg	..... kg.
	GRAND TOTAL	..... kg.

Part no	Section (mm)	Quantity	Working Drawing	Length Single / pc mm	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	Description
1	a	1		112	0.11	0.55	0.55	0.01	0.01	0.56	
	b	1		256	0.26	0.40	0.40	0.01	0.01	0.40	
	C <sub>1</sub>		See suspender list for number of suspenders and their lengths, weight and surface to be painted / Galvanized for two third span.								
	C <sub>2</sub>		See suspender list for number of suspenders and their length, weight and surface to be painted / Galvanized for one third span.								
	d	1		110	0.11	0.52	0.52	0.01	0.01	0.53	
e	1		510	0.51	0.45	0.45	0.02	0.02	0.47	Part nos. 1(a-e) to be welded together as shown in fabrication detail.	
2	1	1	This part is identical to part number 1a	112	0.11	0.55	0.55	0.01	0.01	0.56	
3	2	2		—	—	0.12	0.25	0.01	0.02	0.26	
4	2.1	2.1		—	—	0.03	0.06	Galvanized		5 % extra pieces Ref. IS 1363 - 1967	
5	4.2	4.2		—	—	0.03	0.13	Galvanized		5 % extra pieces Ref. IS 1363 - 1967	
6	4.2	4.2		—	—	0.01	0.04	Galvanized		5 % extra pieces Ref. IS 1363 - 1967	
TOTAL (1-6) EXCLUDING PART 1c = 2.95 kg, 0.08 m <sup>2</sup> , 2.78 kg											

TOTAL TRANSPORTATION WEIGHT : ..... kg

Serial number	Item	Total weight (kg)
1	Structural steel total weight = N x 2.72 kg = Part no. 1c Total	
2	Screws, bolts, nuts, washers total weight = N x 0.23 kg =	
Total 1+2		

MoLD / DoLIDAR / Trail Bridge Section Long Span Trail Bridge Standard	
Bridge No:	Name:
Span:	
Working & Assembly Drawing :	
Suspenders for 4 Main Cables	
Steelparts for one bridge	
Date: August 2004	Drawing No. 32