Part	· No	Section	Quantity [nos]	Working Drawing	Weight	
rart	110.	[mm]		Working Drawing	kg/pc	total kg
T - 1	a	Angle 65/65/6 l = 1090	4	* The corner of the ends of angle to be ground of (for a length of 140 mm) at each end. 4 holes ϕ 17 mm.	7.44	29.77
	b	Rod f 10 mm l = 1940	2	Rod φ 10 to be bent as shown in welding detail	1.20	2.40
\mathbf{T}	- 2	Plate 420/315/6	4	315 61, 60, 49, 60, 60, 25 087 087 09 24, 25 087 087 087 087 087 087 087 087 087 087	5.39	21.56
\mathbf{T}	- 3	Plate 295/58/6	8	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	0.79	6.32
T -	- 4	Hex bolt M16 - 40	60	30 + 40 + 40 + 40 + XIIII	0.09	5.40 ^c
\mathbf{T}	- 5	Hex nut M16	60	10 13 13 13 13 13 13 13	0.03	1.80°
\mathbf{T}	- 6	Plain Washer f 17	60	30 30 IS 136 IS	0.01	0.60°

Dant Ma		Section	Quantity	W 1. D .	Weight	
Part No.		[mm]	[nos]	Working Drawing 35 60 50 60 35 240	kg/pc	total kg
		Angle 65/65/6 1 = 240			1.30	2.60
				4 holes φ 17 mm.		
T - 8	a	Channel 100/50/4 1 = 700	4	3 holes \$ 17 mm, 1 hole \$ 25 mm 20 60 60 530 30 700	5.53	22.12
	b	Rod f 25 l = 480	2	thred M24 19 60 360 480 Moorary Element for cable hoisting	1.85	3.70
	c	Hex Nut M24	8	30 30 temporary b	0.097	0.78 ^C
A = 98.90 kg. Transportation Weight Galvanised: B + C + 1.85 kg.					C = 8.58 kg. Nuts, Bolts, Washer	

Notes: Transportation unit of part T-1 = 16.08 kg.

All Structural steel must comply with:

IS 226 - 1975 for structural steel.

IS 800-1984 for general construction in steel.

All steelparts must be **hot dip galvanised** according to IS 2629 & 2633, min thickness = $80 \mu m$

HMG / Ministry of Local Development						
DoLIDAR / Short SpanTrail Bridge Standard						
Bridge Name:	Z					
No: Span:	119N					
Steel Drawing:	O					
Top Element						
for Tower No. 1, 2 or 3						
Steelpart List for one Element	2 Drawing No.					
for one Tower	of 2					
Nos of Elements required :	2					
Date : September 30, 2002 Drawing No. 119N	Page					