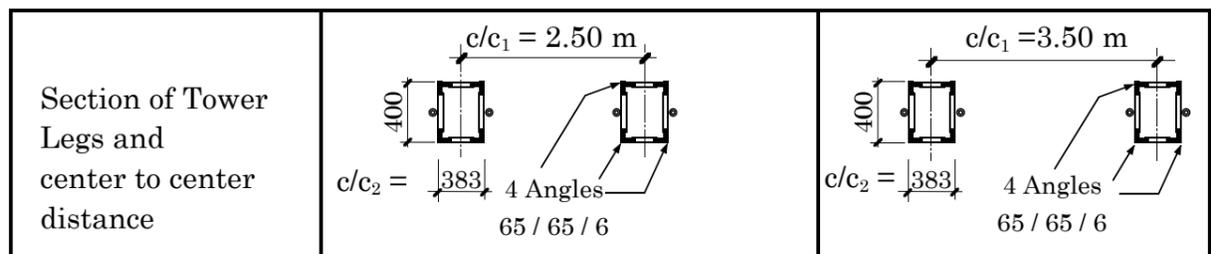


Tower Type	1	2	3	4
Tower Height	5.50 m	7.35 m	9.20 m	11.05 m
No. of Main Cables	2	2	2	4

Span Range [m]	Tower		Main Cables		Spanning Cables	
	Height [m]	Type	Nos	f [mm]	Nos	f [mm]
30 - 45	5.50	1	2	26	2	26
46 - 55	5.50	1	2	32	2	32
56 - 65	7.35	2	2	32	2	32
66 - 75	9.20	3	2	32	2	32
76 - 95	11.05	4	4	26	2	32
96 - 120	11.05	4	4	32	2	32

Drawings Name	Required Drawings No.			
Assembly & Layout	141 N	142 N	143 N	144 N
Saddles	135 N	135 N	135 N	135 N
Top Element	119 N	119 N	119 N	121 N
Intermediate Element	109 N	109 N	109 N	110 N
Base Element	100 N	100 N	100 N	100 N
Tower Foundation	92 N		94 N	



For Hoisting and Dead Load Sag as well as Backstay Angle **b** in full load refer to the Technical Handbook for Short Span Suspension Bridges, Chapter 3. Design and Form No. 2 Bridge Design.

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

Bridge Name: \_\_\_\_\_  
No: \_\_\_\_\_ Span: \_\_\_\_\_

**Towers**  
**for Suspension Bridge**  
Guide for Selecting  
Towers, Main Cables & Spanning Cables

Date : September 30, 2002 Drawing No. 99N