

FRONT ELEVATION

SIDE ELEVATION

REQUIREMENT FOR ONE TOWER :

Drawing Title	Drawing no	Number of units required	Weight (kg)		Painting (m ²)		Weight (finished) Galvanized (kg)	
			per unit	Total	per unit	Total	per unit	Total
Tower Base Element	102	1	264.99	264.99	8.84	8.84	237.12	237.12
Tower Intermediate Element	112	4	737.57	2950.28	24.24	96.96	673.10	2692.40
Tower Top Element	125	1	488.80	488.80	15.80	15.80	440.19	440.19
Tower Saddle	136	1	103.24	103.24	2.24	2.24	98.92	98.92
Sign board	161	1	1.40	1.40	—	—	—	—
Grand Total			3808.71 kg		123.84 m ²		3468.63 kg	

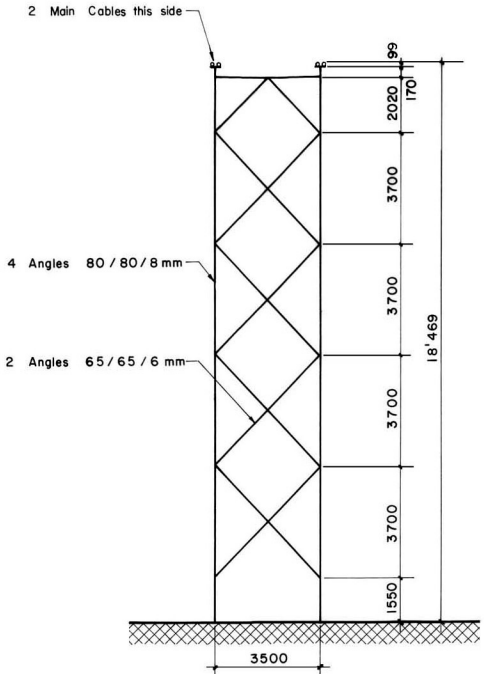
Summary of Friction Grip Bolt, Nut and Washer.

Bolt M16 X 50, including Nut & Washer.	538 pc.
Bolt M20 X 60, including Nut & Washer.	718 pc.
Bolt M20 X 130, including Nut & Washer.	9 pc.
Total weight of Bolt, Nut, Washer.	338.64 kg.
Steel Parts To Be Galvanized.	3807.31 kg.

NOTES:

- 1) All nongalvanized threads have to be painted in site with coaltar after retightening of the nuts.
- 2) All steel parts have to be painted with final coat after bridge erection, only if not Galvanized.
- 3) All nuts have to be tightened to proper torque :-
16mm : 20 mkg; # 20 mm : 40 mkg.

GENERAL ARRANGEMENT



TOTAL TRANSPORTATION WEIGHT : 3808.71 kg

MoLD / DoLIDAR / Trail Bridge Section
Long Span Trail Bridge Standard

Bridge No: Name:

Span:

Steel drawing

Assembly of Tower

Tower height : 18.47 m

Standard section : 400 x 550 mm

Angle 80 / 80 / 8 mm

4 Main cables

c / c₁ = 3500 mm ; c / c₂ = 488 mm

Date: August 2004

Drawing No.149