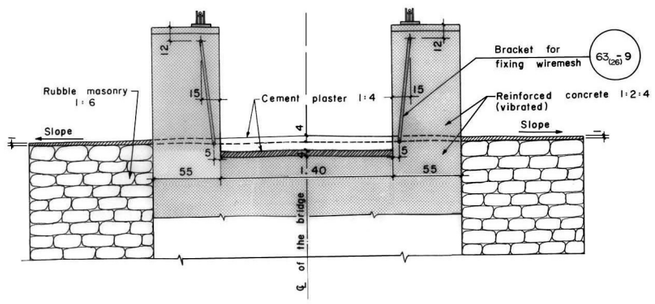
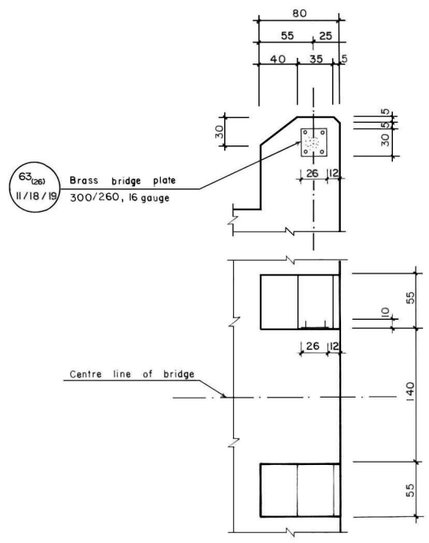
FRONT VIEW
(WITH PLASTER DETAIL)



DETAIL OF SIGN BOARD FIXATION



NOTES:

1) Wind the main cables 3 times around the drum before clamping.
2) Erect the deck before casting the third layer of reinforced concrete 1:2:4 (excluding wiremesh and fixation cable).
3) Do not allow persons to cross the bridge before casting and curing of the third layer of reinforced concrete 1:2:4
4) Required additional cable length for anchorage on one bank (from front of foundation):- Handrail cable: 3.30m, Main cables: 15.90m
5) Make rough construction and working joints.

Standard Quantities:

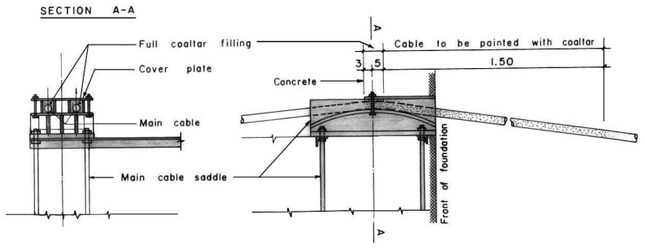
B = ... m. L = ... m. H_1 = ... m. H_2 = ... m.

hp = ... m.

	Vo Quantity (m^3)	Cement	
		Bags/m^3	No of bags.
Reinforced concrete 1:2:4 Vo = 11.014 + 0.88 hp	.....	6.40	.....
Plumb concrete 1:3:6 + 40% boulders Vo = $L\left[(H_1 + H_2)\frac{B}{2} - 0.12\right]$	.....	2.64	.....
Cement plaster 1:4 Vo = 0.025 L (B − 1.20) − 0.026	.....	9.12	.....
Rubble masonry 1:6 Vo = (BL − 1.20 L − 12.00) 0.95	.....	1.50	.....
Total volume: $V_{total} = BL/2(H_1 + H_2 + 1.95) - 1.29L + 0.88h_p - 0.412$	.....		
	No. of cement bags		.....

	Quantity
Formwork: $F_o = (H_1 + H_2)(B + L)\frac{1}{2} + 5.40hp + 1.944$	.....

DETAIL OF CABLE FITTING AND PROTECTION AT SADDLE



INSTRUCTIONS

1) Wrap whole plate in plastic.
2) Assemble bolts and nuts.
3) Attach assembled plate at innerside of formwork, then cast in concrete.
4) Remove plastic after concrete setting.

Limits for Dimensions:

	Minimum	Maximum
B	6.20	9.50
L	2.90	5.00
H_1	1.50	4.00
H_2	1.20	4.00

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

Bridge No: Name:

Span:

Structural Drawing:

Main Foundation on Soil

Related drawings: 61

4 Main cables ø ..... mm (32/36/40mm)
2 Handrail cables ø 26 mm
2 Fixation cables ø 13 mm

Date: August 2004 **Drawing No.** 61/1(26)

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