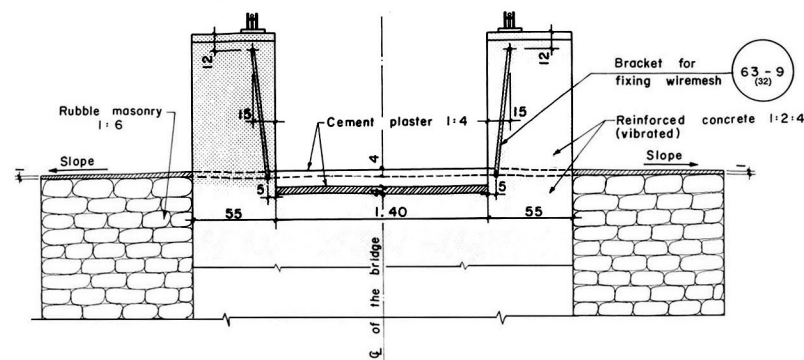
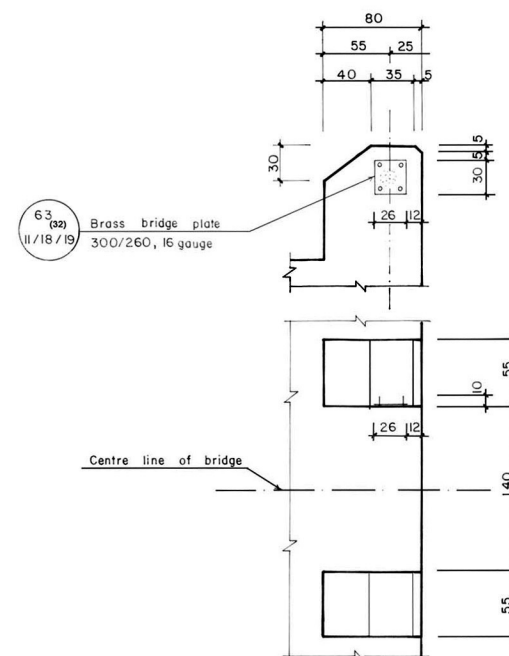


FRONT VIEW
(WITH PLASTER DETAIL)



DETAIL OF SIGN BOARD FIXATION



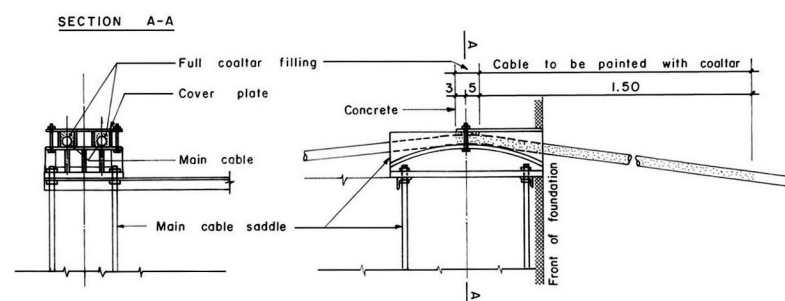
INSTRUCTIONS

- 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

DETAIL OF CABLE FITTING AND PROTECTION AT SADDLE



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. H₁ = m. H₂ = 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% boulder Vo = L [(H ₁ + H ₂) $\frac{B}{2}$ - 0.12]	2.64
Cement plaster 1:4 Vo = 0.025 L (B - 1.20) - 0.026	9.12
Rubble masonry 1:6 Vo = (B L - 1.20 L - 12.00) 0.95	1.50
Total volume: Vtotal = BL / 2 (H ₁ + H ₂ + 1.95) - 1.29L + 0.88 hp - 0.412		
No. of cement bags			

	Quantity
Formwork: F ₀ = (H ₁ + H ₂) (B + L) $\frac{1}{2}$ + 5.40 hp + 1.944

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

Bridge No: Name:

Span:

Structural Drawing :

Main Foundation on Soil

Related drawings : 61 & 63 (32)

4 Main cables ϕ mm (32 / 36 / 40mm)

2 Handrail cables ϕ 32 mm

2 Fixation cables ϕ 13 mm

Date: August 2004

Drawing No. 61/1(32)