



GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.  
Civil Works.

READ—the following papers:—

From W. LOGAN, Esq., President, District Board, Malabar, to the Chief Engineer, Public Works Department (through the Superintending Engineer, IV Circle) dated Calicut, 12th August 1887, No. 566.

I have the honor to enclose two plans and estimates for reconstructing the Eringoli bridge on the outskirts of Tellicherry.

2. One design provides for removal of the existing masonry piers and for constructing the bridge of iron rolled beams carried on wrought iron screw piles. The estimate works out at Rs. 12,500.

3. The other design provides for utilising the existing masonry piers, which are to carry three Whipple-Murphy pony trusses, on the centre spans, and iron rolled beams on the end spans. The estimate works out at Rs. 15,400.

4. Seeing that we know so little of what the masonry piers are really constructed and what the depth of their foundations, and seeing also that the screw-pile bridge will be cheaper by nearly Rs. 3,000, I propose (if you see no objection) to advise my District Board to adopt the screw-pile design.

5. I may add that, although signed by Mr. Maylor, our present acting District Engineer, the designs and estimates are really the work of Mr. Anderson, our permanent District Engineer, who has gone home on sick leave.

6. You will observe that the necessary borings have been made.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 27th August 1887, No. 356 E.W.

I have the honor to forward the letter of the President, District Board, Malabar, No. 566, of 12th instant, together with three plans, two estimates and one specification for reconstructing the Eringoli bridge on the Tellicherry-Coorg road No. 3, two miles north of Tellicherry; and am of opinion that the design for reconstructing the bridge shown in drawings Nos. 2 and 3 with iron rolled beams erected on wrought iron screw piles, at a cost of Rs. 12,600, is better and cheaper than the other design as per drawing No. 1 (the estimate of which amounts to Rs. 15,400), and I recommend the former for the sanction of Government.

2. The estimate for the above screw-pile bridge has been examined and slightly corrected in this office, and the total amount raised from Rs. 12,500 to Rs. 12,600.

No. 6822.

*Note by the Chief Engineer, Public Works Department.*

The Chief Engineer agrees in opinion with the Superintending Engineer that of the alternative plans submitted by the District Board the screw-pile design is preferable, and accordingly recommends it for the sanction of Government.

2. It is observed that the drawings of the couplings referred to in the specification are not with the papers.

20th September 1887.

(Signed) J. O. HASTED, Colonel, R.E.,  
Chief Engineer, Public Works Department.

ORDER—dated 27th September 1887, No. 2564 W., Public Works.

The estimate, amounting to Rs. 12,600, for reconstructing the Eringoli bridge on the Tellicherry-Coorg road, is sanctioned.

2. This sanction has been registered as Local, No. 26 W. of 1887-88.

(True Extract.)

Captain, R.E.,  
Under Secy. to Govt., P.W.D.

To the Local and Municipal Department, with six enclosures.  
" Superintending Engineer, IV Circle.  
To Newspapers.

Exd. J. Moses,  
Spare Copies

BUILDINGS AND ROADS.  
CIVIL WORKS.

Govt. of (1887) Madras.  
PUBLIC WORKS.

Dated September, 27th.

Recd.

Encl.

G.O., 27th Sept. 1887, No. 2564 W.

SEPTEMBER.

Eringoli Bridge on  
the Tellicherry-Coorg Road  
Estimate for reconstructing the —, sanc-  
tioned.



2nd Reminder  
No. 754

Malabar District Board's office  
Calicut 23rd September 87

From,

W. Logan, Esquire,

President. District Board.  
Malabar.

To.

The Chief Engineer,  
Public Works Department

Thro'

The Superintending Engineer

IV Circle

Sir,

I have the honor to invite

Your early attention to my letter no.

566 and 724 dated 12<sup>th</sup> August and

16<sup>th</sup> September 87 respectively regarding

Plans and Estimates for reconstructing  
Eringoli Bridge.

I have the honor to be,  
Sir,

Your most obedient servant.

Forwarded.

L. Beatty. Colonel R.E.

Supg Engineer IV Circle.  
27-9-87.

Ch. Buchanan  
Hon. President.

PWC No 7628



(2)

To

The Chief Engineer

P.W.D.

Mr. The Engineer

IV Circle

2nd Division

23-8-87

Inviting call attention to

Office no 566

724

12-8-87

16-8-87

+ 30th

Superintendent Engineer

29.9.87

urgent.

No 724.

From,

W. Logan Esq

President District Board, Malabar.

To,

The Chief Engineer.

Public Works Department, Madras.

Thro'

The Superintending Engineer

IV Circle

Coimbatore

Sir,

I have the honor to invite your early attention to my letter No. 566 dated 12th August '87 re. Plans & Estimates for reconstructing Erinjolli bridge.

No. 387 E.W.

Forwarded with reference to this Office No. 356 of 27th August 1887.

\* Cns 6822 sent to only on 12-9-87

Camp 0043 20/9/87

+ Madras

A order

23-9-87

Colonel R.E. Supg Engineer 4th Circle

S.P. 26 9-87

I have the honor to be

Sir,

Your most obedient servant

J. P. S. A. S.

For President.