

CN^o 3218

Govt. of Madras.
PUBLIC WORKS.

Dated

Recd.

Encl.

G.O. 11 April 1893, No. 951 W

Bridges on the West
Coast.

The S.E. IV Circle
directed to see that
all estimates for —
which came to their
P.W.D. for execution
are disposed of
with the least possible
delay.

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11TH APRIL 1893, No. 951 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

G.O., dated 3rd April 1893, Mis. No. 721 L., Local and Municipal.

Read—the following paper :—

From the President, District Board, Malabar, dated 23rd March 1893, No. 53 L.R.

In reply to G.O., Mis. No. 581 L., dated 17th March 1893, I have the honour to report that the District Engineer's estimate for the reconstruction of the Mahé bridge was forwarded to the Superintending Engineer, IV Circle, with my letter No. 813 L.D., dated 23rd October 1892. It was returned by the Superintending Engineer with the following remarks, dated 22nd November 1892 :—

"*Mahé bridge*.—The report gives no information ; apparently a new bridge on the same lines as the old structure is intended, without any attempt to improve the design ; timber is cheap, but there is very little additional strength gained by designing beams as broad as they are deep.

"It would be interesting to know the length of duration of such a bridge ; if short, it might come more economical in the long run to use iron.

"Girders formed of old rails of the very neat pattern designed by Mr. G. Anderson for the bridge on the Calicut beach would suit admirably ; this span is some 30 feet, so a fewer number of piers would be required."

2. At the time of the receipt of these remarks, Mr. Maylor, the District Engineer, was on leave, and, as his substitute pointed out that the additional expenditure involved in the Superintending Engineer's suggestions, would be about Rs. 10,000, I decided to request Mr. Maylor on his return from leave to meet the Superintending Engineer and go over the plans with him in order to save time. A copy of my letter to the Superintending Engineer, asking him to meet Mr. Maylor in Coimbatore or in the district, is enclosed as well as a copy of the Superintending Engineer's telegram refusing to do so.

3. The estimate therefore had to be revised and could not be retransmitted to the Superintending Engineer until 9th February. A copy of my letter forwarding the revised estimate is enclosed, and I venture to hope that the Government will see that I have done all in my power to get the bridge repaired before the monsoon, which is, I fear, impossible now.

4. The Government will remember that in G.O., No. 1987, dated 31st August 1892, this Board was forbidden to commence the work before the estimate has been sanctioned in the Public Works Department.

5. I venture to request the particular attention of Government to the present difficulty and to ask that the Superintending Engineer may be directed to dispose of such estimates from this coast as may be marked urgent with the least possible delay. The repair of bridges is especially handicapped on this coast as estimates can rarely be prepared for works which give way during the monsoon until the rivers have fallen low enough for foundations to be examined, and unless the estimates are promptly disposed of the repairs cannot be completed before the next monsoon.

11TH APRIL 1893, No. 951 W., PUBLIC WORKS.

Order—dated 3rd April 1893, Mis. No. 721 L., Local and Municipal.
Recorded.

2. Para. 5 of the President's letter will be dealt with in the Public Works Department.

(True Extract.)

(Signed) A. T. PRINGLE,
Assistant Secretary.

ORDER—dated 11th April 1893, No. 951 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, who will see that all estimates for bridges on the West Coast, which come to the Public Works Department for scrutiny, are disposed of with the least possible delay.

(True Extract.)

Major, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
,, Local and Municipal Department.

Exd. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1893} Madras.
PUBLIC WORKS.

Dated April, 11th.

Recd.

Encl.

G.O., 11th April 1893, No. 951 W.

APRIL.

Bridges on the West Coast

The Superintending Engineer, IV Circle, directed to see that all estimates for —, which come to the Public Work Department for scrutiny, are disposed of with the least possible delay.

(20)

Read the following paper.

Local and Municipal Department.



PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following paper:—

18

From the President, District Board, Malabar, dated
23rd March 1893, No. 53
P.R.

Not received in
H.O. - Secretariat

In reply to G. O. No. 581 L. Mis. dated March
17, 1893, I have the honor to report that the District
Engineer's estimate for the reconstruction of the Mahe
bridge was forwarded to the Superintending Engineer,
4th circle with my letter No. 813
P.D. dated October 23,
1892. It was returned by the Superintending Engineer
with the following remarks dated November 22, 1892:
"Mahe Bridge. The report gives no information
apparently a new bridge on the same lines as
the old structure is intended, without any attempt
to improve the design, timber is cheap, but there
is very little additional strength gained by design-
ing beams as broad as they are deep.

It would be interesting to know the length
of duration of such a bridge, if short, it might
come

come more economical in the long run to use iron.

Girders formed of old rails of the very neat pattern designed by Mr. G. Anderson, for the bridge on the Calicut beach, would suit admirably; this span is some 30 feet, so a fewer number of piers would be required."

2. At the time of the receipt of these remarks Mr. Maylor, the District Engineer, was on leave, and as his substitute pointed out that the additional expenditure involved in the Superintending Engineer's suggestions would be about Rs. 10,000, I decided to request Mr. Maylor on his return from leave to meet the Superintending Engineer and go over the plans with him in order to save time. A copy of my letter to the Superintending Engineer asking him to meet Mr. Maylor in Coimbatore or in the district, is enclosed, as well as a copy of the Superintending Engineer's telegram refusing to do so.

3. The estimate therefore had to be revised and could not be retransmitted to the Superintending Engineer until February 9. A copy of my letter forwarding the revised estimate is enclosed and I venture to hope that the Government will see that

I have done all in my power to get the bridge repaired before the monsoon, which is I fear impossible now.

4. ^{As per record in the P.W. Department} The Government will remember that in G.O. No. 1987 dated August 31, 1892, this Board was forbidden to commence the work before the estimate has been sanctioned in the Public Works Department.

5. I venture to request the particular attention of Government to the present difficulty and to ask that the Superintending Engineer may be directed to dispose of such estimates from this coast as may be marked urgent with the least possible delay. The repair of bridges is especially handicapped on this coast as estimates can rarely be prepared for works which give way during the monsoon until the rivers have fallen low enough for foundations to be examined, and unless the estimates are promptly disposed of the repairs cannot be completed before the next monsoon.

Order dated 3rd April 1893, No. 721 L. Mis.

Recorded.

Para. 5 of the President's letter will be
be dealt with in the Public Works Department.

(True extract)

H. W. L.

Assistant Secretary.

The President, district board, Malabar.

Public Works Department.

Political Department, with G. O. 4/17-3.93, 12.5812

in original to be returned.

P. W. CURRENT No. 3218

Govt. of 189 Madras.

Local and Municipal Department.

To

The Public Works Deptt

Recd: 5.4.93

Proceedings, dated 3rd April 1893,
No. 721 L mis

Subject.

Recording letter from the
President, District Board, Malabar
submitting explanation called
for in G. O. No. 581 L mis of
17 March 1893, regarding the
delay in the reconstruction
of the Mahi bridge.

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PROCEEDINGS OF

Pros. of the Local & Municipal
Dept

DESPATCHED
27 APR. 93

S. E. IV. Circle.
L & M. Dept.

MAL

No. 6