M.R.O. 1—77,006—8-6-37.

(1) Number of pages 6

(2) Date of repair 24-10-58.

(3) Initials of the Referencer /

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons. 24-10-59

G.O. No.	2429	Press Mis.
99-100 Dated	12-10-	1859.

Not to be folded or roughly handled

No. 99. Read the following letter from Lieutenant-Colonel J. H. BELL, Chief Engineer; to J. D. BOURDILLON, Esq., Secretary to Government, dated 4th October 1859, No. 5720.

1. With reference to paragraph 12 of Extract Minutes Consultation of the 24th November 1857, No. 2167, I have the honor to forward herewith, a letter received from the District Engineer Vizagapatam, reporting his inspection and examination of the cracks in the larger of the two Chittivulsa bridges, on the high road from Vizianagram to Bimlipatam.

1 Original letter from District Engineer Vizagapatam, dated 14th September 1859, No. 473.

2. It will be observed that the cracks over the extrados were repaired about three years ago, by pouring chunam into them and laying on a course of jelly above, and the result is they are now scarcely perceptible; but Captain Blagrave states that nothing seems to have been done to the cracks in the intrados which are still open. Not having previously examined them, he is not in a position to state whether they have extended or not since Lieutenant-Colonel Cotton's report. He is inclined to believe that they are attributable to the unequal settlement of the arches under the roadway, the result of bad materials and workmanship; but he has taken measures to ascertain the precise cause.

3. Nothing beyond collecting a few materials and filling in cracks, at an expenditure of Rupees 61-14-11, has been done in reference to the sanction of 7,000 Rupees accorded for certain works in connection with the above mentioned bridge. These works are said to have been held in abeyance under the restrictive orders of 17th July 1857, No. 1372, but having been sanctioned for immediate execution date and No. as per margin, the District Engineer was wrong in supposing that authority was necessary for its special exemption at the time, though as no expenditure has been allowed in the current years budget, such authority would now be necessary, if it be intended to carry out the above estimate; but this is not at present practicable in consequence of the want of funds, and the necessity of attending to works of more importance in the district. Moreover, the District Engineer states in the letter above referred to, that he does not consider the bridge to be in any immediate danger.

Extract Minutes Consultation, dated 6th January 1857, No. 20.

4. The District Engineer will be called upon to report whether he considers it necessary that provision should be made in the budget of 1860-61, for the execution of the works in connexion with the Chittivulsa bridge, estimated at Rupees 7,000, and his reply will be duly communicated to Government.

No. 100. ORDER THEREON, 12th October 1859, No. 2124.

The Government await the Chief Engineer's further report.

(Signed) T. PYCROFT,
Chief Secretary.

Central Office of Ch.
Fort Saint George
4th October 1859.

N: 5720

From
The Chief Engineer
To
The Secretary to Government F.W.D.
Fort Saint George

Public
Bridges
Encls 1 Letter from
Dist. Engr. Vizagapatam
dated 30th Sept. 59 N: 243 1.

Sir,

With reference to Para 12 of C.
M.O. of the 24th November 1857, N: 2167, I have
the honor to forward herewith a letter received
from the District Engineer Vizagapatam
reporting his inspection and examination
of the cracks in the larger of the two
Chittivalsa bridges on the high road from
Vizianagram to Bimlipatam.

2. It will be observed that the
cracks over the extrados were repaired about
3 years ago by pouring chunam into them
and laying on a course of jilly above, and
the result is — they are now scarcely per=
=ceptible; but Captain Blagrave states

that

that nothing seemed to have been done to the Cracks in the Intrados which are stated upon. Not having previously examined them, he is not in a position to state whether they have extended or not since Lieutenant Colonal Goldie's report. It is inclined to believe that they are attributable to the unequal settlement of the Arches under the Roadway, the result of bad materials and workmanship, but he has taken measures to ascertain the precise cause.-

3 Nothing beyond Clearing of a few materials and filling in Cracks at an expenditure of Rupees 61-11-11 has been done in reference to the Sanction of Rupees 7000 Rupees accorded for certain works in Connection with the above mentioned Bridge.- These works are said to have been held in abeyance under the restrictive orders of 17th July 1857. No 1372. but having been sanctioned for immediate execution viela and &c as per margin, the District Engineer was wrong in supposing that another Authority was necessary for the special exemption at the time, tho' as no expenditure has

5th Cl. No 20

has been allowed in the current years Budget, such authority would now be necessary if it be intended to carry out the above Estimate; but this is not at present practicable in consequence of the want of funds, and the necessity of attending to works of more importance in the District. Moreover the District Engineer states in the letter above referred to that he does not consider the Bridge to be in any immediate danger.-

4. The District Engineer will be called upon to report whether he considers it necessary that provision should be made in the Budget of 1860/61 for the execution of the works in connection with the Christina Bridge, estimated at Rupees 7,000, and his reply will be duly communicated to Government.-

I have the honor to be
Sir
Your Most Obdt Servant
A Bell Lieut Colo
Chief Engineer

Central Office of PW
Fort St George
4th October 1859.-

Edwd H. Major
Dy Chief Engr Nilgiris

4th Dray

Encls: 24 Nov/57 No. 153.
" 21st July — 22-23.
" 6 Jany — 39-40.

From the Chief Engr. of 27th

No 99 & 100.

P. Works 1859 Chap 16
Pros: of Govr. in Cl. Octr
No 2595.

From The Chief Engineer
To The Secy. to Govt. of Mds

Dated 4th
Rec'd 5th } October 1859.

Encls - Returned 22-10-59 No 5720
No 2174 - 17th Octr

Reporting on the cracks in the larger of the 2 Chittiwelas Bridges on the high road from Vizianagrum to Rimlapatam in the Vizagapatam District.

From Do 28th November/59
No 2903 in Cons 30-12-59
From Do 7th 17th Decr/59
Encls 3 314

With an Order.

No 24224
Cl 2nd

The Govt await the Chief Engrs further report.

JP

Fort St George
12th Octr/59 -

10 Copies. Chief Engr Cir 2-13