M.R.O. 1—77,006—8-6-37.

(1) Number of pages 8

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No. 2553 Press Mis.

Dated 7 18 37.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 7th October 1871.

No. 100. Read the following letter from the Acting Superintending Engineer, 7th Division, to the Secretary to Government, Public Works Department, dated Coimbatore, 11th September 1871, No. 114:—

I HAVE the honour to report that the western abutment of the Cheroopoya bridge, situated on the road between Carcoor Ghaut, *via* Areacode and Calicut, was destroyed on the 28th of July last during a fresh stated to have been 22 feet deep in the river.

2. This bridge, consisting of two bays of 56 feet, spanned by a trussed timber superstructure constructed of junglewood, was completed some five years ago, and owing to the very great height of its abutments and pier appears to have always been the source of anxiety. In the monsoon of 1869 the right abutment collapsed, as reported by Colonel Walker in his letter printed with G. O., No. 3,466, dated 28th October 1869. This abutment was last year rebuilt of brick and chunam, and on my inspecting this work I observed a crack in the western abutment, which probably existed at the time of Colonel Walker's report. I attribute the subsidence of this abutment to the same reasons as given by Colonel Walker, the laterite blocks of the foundation, which is on rock, having been unable when saturated to stand the pressure of the superstructure, reaching a height of 38 feet, crushed and the abutment slid into the river.

3. The Range Officer reports that the pier is intact, and is apparently well built of selected laterite blocks, faced to a height of 23 feet upstream with cut-stone.

4. I have this day forwarded a plan and estimate, amounting to Rupees 5,260, for reconstructing the western abutment of brick-in-chunam to the President of the Local Fund Board, who, I am given to understand, has a tender before him from a local firm for constructing the superstructure of iron.

No. 101. ORDER THEREON, 7th October 1871, No. 2,551.

CIVIL WORKS, No. 12.

ORDERED to be recorded.

(True Extract.)

(Signed) R. F. OAKES, Captain, R.E.,
Offg. Joint-Secretary to Government.

Exd. S. T. Augustin.

No 114. Superintending Engrs Office
2nd Division
Coimbatore 11th September
1871

From Lt Colonel W. Farewell R.E.
Asst Engineer, 2nd Div

To, The Secretary to Government,
P. Works, Madras

Sir, I have the honor to report
that the Western Abutment of
the Cheroopoigah Bridge, situated
on the Road between Caroor
& Chant ven Arcade & Calicut,
was destroyed on the 20th of
July last, during a fresh stated
to have been 12 feet deep in the
River -

2. This Bridge consisting of
2 Bays of 56 feet, spanned by
a trussed timber superstructure
constructed of Jungle wood, was
completed some 5 years ago, and

owing to the very great height of its abutments & Piers, appears to have always been the source of anxiety. In the monsoon of 1869, the right abutment collapsed, as reported by Colonel Walker in his letter printed with GO No 3466 dated 28th Dec 1869. This abutment was last year rebuilt of Brick & Chunam, and on my inspecting this Work, I observed a Crack in the Western Abutment, which probably existed at the time of Colonel Walker's report. I attribute the subsidence of this Abutment to the same reasons as given by Colonel Walker, the Laterite blocks of the foundation, which is a rock, having been unable, when saturated, to stand the pressure of the Superstructure reaching a height of 38 feet, crushed, and the Abutment slid into the River.

3. The Range Officer reports that the Pier is intact, and is apparently well built of selected Laterite Blocks, faced to a height of 23 feet up stream with Cut Stone.

4. I have this day forwarded a Plan & Estimate amounting to Rs 5260 for reconstructing the western Abutment of Brick in Chunam to the President of the Local Fund Board who, I am given to understand, has before him, proposals for constructing the Superstructure of Iron.

I have the honor to be,
Sir, Your most obed't Servt

Executive Engr

Rec'd 28 Oct/69 Nos 592-593

P. W. 1871 Dept

No 4334.

From

Dy Supg Engineer
4th Division

To The Secretary to Govt
P.C.P. Madras

No 16

Dated 11th
No 13 } Sept 1871

Reports the destruction of the Western Abutment of the Cheyoyar Bridge in the Salem District by floods on the 28th July last

No 2551 } "Ack'd
With Cm Order

Ordered (in Ry Dept) No 2557 dated 18th Oct 1871 to be acknowledged

Col. S. Lange
Actg Chief Engr
11/11

Sd/ Coupland 14th/11

C. No. 4334

From Govt for Collector
Govt of Madras.

PUBLIC WORKS.

To

Dated.

Rcvd. End.

G. O. 7 October 1871. No. 2551.

Nos. 100 & 101

Cudewapaya Bridge
Malabar - Recommg
Mr Lucy Engr's Offr
reporting the destruction
of the masonry abut-
ment by freshes -