M.R.O. 14-5,450—22-10-25.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 2273 Press ~~Mis.~~

473 474

Dated 30 — 9 — 1867.

Not to be folded or roughly handled

do. no. 2273.

Proceedings of the Madras Government, Revenue Department, 30th September 1867.

No. 473. Read the following Proceedings of the Madras Government in the Public Works Department:—

Sanctioning entry of Rupees 18,000 in Budget of 1868-69 for relaying the old apron of the south branch of the Lower Coleroon Anicut. } (Here enter 24th September 1867, No. 2,960.)

No. 474. ORDER THEREON, 30th September 1867, No. 2,273.

Irrigation, No. 20.

Communicated to the Revenue Board.

(True Extract.)

(Signed) F. H. WILKINSON,
Acting Under Secretary to Government.

To the Board of Revenue, with Proceedings Public Works Department, No. 2,960.

Erd. S. T. Augustin.

Proceedings of the Madras Government, Public Works Department, 21th September 1867.

No. 575. Read the following letter from the Superintending Engineer, 6th Division, to the Secretary to Government, Department Public Works, dated Myaveram, 13th September 1867, No. 879 :—

1. I have the honor to inform you that soon after the despatch of letter* No. 791, of the 21st ultimo, I was informed that five stones had been removed from the floor of the old apron of the south branch of the lower anicut, opposite the 3rd arch of the 2nd section of the bridge or the 10th arch from the south end. A few inches of water were then passing over the anicut, this was got rid of by opening the sluices in the north branch, and when the spot was examined by Mr. Bateman he found that not only the stones, but the masonry under them had disappeared and the sand from below the apron for a depth of 3 feet had been washed away, and though the hole was only 2½ feet by 2½ feet a long bamboo could be thrust in under the apron in every direction except in that of the anicut itself.

* In G. O. No. 2,725, 4th September.

2. The hollow was immediately filled with brick jelly and clay, a thick layer of concrete was placed over the hole in the apron ; planks were placed above the concrete and were loaded with rough stone. I am under no apprehension that there is any immediate danger to the anicut from the injury described above, but it is more than probable that the apron, and in fact the whole of the work, is more or less undermined, and the deep excavations for putting in the deep front and rear retaining walls will tend to increase the evil ; it was on this account I directed that the lower or down-stream retaining wall should be first completed, hoping that when a solid wall stopped the percolation under the body of the work, any small hollows might be filled up by sand driven under the work by the pressure of the water above or to the west of the anicut.

3. The new rear retaining wall has not been put in opposite the spot in the old apron, which has been injured, so that the hollow under the apron is in no measure due to sand having been drawn through the wells of the old retaining wall by the deep excavation for the new, but is due entirely to the process of percolation which has been going on more or less since the work was constructed. Were the old or upper apron to be destroyed, there is but little doubt that the water acting on the sand below would soon form a deep hole and would undermine the new retaining wall, and the destruction of the anicut and bridge would be inevitable. Under these circumstances it appears to be absolutely necessary to rip up the old apron, to ascertain whether the sand has been removed from under it elsewhere, this cannot be done till January next, and as it is more than probable that the whole apron will have to be taken up and relaid, it appears to be advisable to make provision for it in the Budget of 1868-69. I estimate the cost roughly at Rupees 18,000, this will provide 2 feet of masonry under the stone flooring instead of 1 foot as at present.

4. Usually in September there is little or no water passing over the anicut, and I had hoped to have been able to examine the anicut before forwarding this report, but on the 10th and 11th, while at the anicut, there were 15 inches of water passing over the south branch, and as the Budget of 1868-69 has to be submitted by the 1st proximo, it is necessary that orders regarding the provision of a sum for relaying the apron should be received early.

Proceedings of the Madras Government, Public Works Department, 24th September 1867.

5. In the rough draft of my letter No. 791, I find I reported the injury to the apron opposite the 5th arch from the south end of the *south* branch of the lower anicut, and not *north** branch, as is printed in G. O. No. 2,725, dated 4th instant.

* Paragraph 2, line 4, for north read south.

No. 576. ORDER THEREON, 24th September 1867, No. 2,960.

IRRIGATION, No. 27.

1. The Governor in Council regrets to observe from this report that further signs of weakness and defective construction are manifesting themselves in the foundations of that portion of the south branch of the Lower Coleroon Anicut which has hitherto been supposed not to have suffered any injury, and fully concurring in the Superintending Engineer's opinion that the work requires to be thoroughly examined and the old apron taken up and relaid, His Excellency sanctions the entry of a sum of Rupees 18,000 for that purpose in the Budget of 1868-69 in anticipation of the submission of the requisite plans and estimates.

2. The error pointed out in paragraph 5 occurs in the original of the Superintending Engineer's letter of the 21st ultimo, No. 791.

(True Extract.)

Major, R. E.,
Under Secretary to Government.

To the Superintending Engineer, 6th Division.
" Accountant General.
" Controller of Public Works Accounts.
" Revenue Department.

Ead. S. T. Augustin.

Revenue 1867 Sept.
Pro of Court for Septr

No 2553

Pro of the P.W. Dept

No 24 } Septr 67
No 225 }

No 2960

No 2973

Communicated
to the Revenue Board

20 Septr 67

Sanctioning an Exp.
of Rs 18000 in Budget
of 1867/68 for relaying
the old Apron of the
South branch of the
Lower Coleroon Anicut

No 2973. 20 Septr

With order

In Apsn Letter Bd of Revenue No 2960 Dated 20th Sept 67

No 473-474.