1. Number 10
2. Date 14.9.
3.

M.R. O. 1—32,000—15-10-29.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons. 1.12.57

G.O. No. 2282 Press Mis.

124, 25

Dated 1—12— 19(85)

Not to be folded or roughly handled

Fort Saint George, Public Works Consultation of 1st December 1857.

No. 124. Read the following Extract from the Proceedings of the Chief Engineer, dated 19th November 1857, No. 5332.

Read the following letters from Major W. J. BIRDWOOD, District Engineer Tanjore; to Colonel C. E. FABER, Chief Engineer, dated Tranquebar, 7th November 1857, No. 149.

SIR,

With reference to my letter of the 28th Ultimo, No. 145, I have the honor to inform you, that I proceeded dawk to Tanjore that evening, and with Lieutenant Moore inspected on the following day a breach, (the largest that had taken place,) on the left bank of the Vennaur in the Chittragoody limits, 98 yards in length, during the past season some small Waganies had been constructed, close to the site of the breach, for the protection of the river Bank, which had suffered a great deal from erosion, during the Freshes of 1856, these I am sorry to say, have been much damaged, and a large portion of the Puddoogay washed away.

2. Some time ago it was intended, I believe, to make a cut on the opposite side in continuation of the one made in 1854, with the view of straightening the course of the stream, and checking its encroachment on the left Bank. Lieutenant Moore will shortly make a survey of the river in these limits, when an estimate will be prepared for the cut, repairng the embankment thrown across the old course of the stream in 1854, (in continuation with the straight cut then made,) carried away during the late floods, as also the construction of two or three large Waganies. I visited another large breach in the Goodooloor limits, Papanassem Talook, on the left bank of the Vennaur, 70 yards in length, closed, but I fear considerable damage has been done: an estimate for completing and strengthening the same has been forwarded to the Collector.

3. There has been also a large breach, in the Vadavaur in the limits of Palanthotum, closed.

4. The number of breaches in the Trivady Talook alone (*all now closed*) amounted to 61 as follows.

Vennar	22
Cavery	1
Coodoomorty	1
Vettaur	14
Coonacoodungal	5
Vadavaur	9
Aunuda Cavery	8
Jambooda Cavery	1

5. The Hurrichundranuddy burst its banks near Alengoody in the Tritrapoondy Talook, and before closed, I fear much damage to the crops had taken place, road No. 26 between Negapatam and Tritrapoondy was also much cut up in consequence.

6. In the Valengamon Talook there have been three breaches, closed.

7. The north bank of the Vettaur was also breached in two places in the limits of Poodungoody in the Nunnellem Talook, about 2 miles West of Nagore, and to prevent damage to the crops or road No. 46 between Nagore and Kungalanchairy, the Head Assistant Collector had an opening made in the Negapatam and Tranquebar road for the escape of the water to the sea. The breaches have been closed, and when the water shall have sufficiently subsided, the roadway will be repaired, at present the communication is carried on by a Raft, in the ordinary of next year, I propose allowing an Item for a large Tunnel here.

8. Considerable damage has been done to some of the road No. 4 between Tanjore and Triviaur breached in two places, near Tanjore, and 3 breaches to the North of the Vettaur; the Rajah's road 4 breaches from Tanjore to the Vennaur, and No. 5 breached to the North of the Vettaur, estimates for the repairs of the same are being prepared and will be forwarded to the Collector immediately.

9. I am happy in being able to report that all the large works on the Cavery, and Coleroon, have not suffered in the least, nor have I had any report, that any of the Masonry works in the District, have been damaged, with the exception of the Condanatuddle Head sluice, whose foundations to wingwalls have been undermined, the Arch cracked; must be rebuilt.

10. Three of the earthern waganies, for the protection of the north bank of the Cavery have been damaged and are being repaired by the Cothens.

11. Since my last inspection of the Jetty at Negapatam, I am sorry to say there are other symptoms of the foundations, having been undermined, as per the accompanying plan the extremity too has sunk considerably: the great scour during the late heavy floods and greater depth of water than usual, at this point no doubt is the cause.

From Major W. J. BIRDWOOD, District Engineer Tanjore; to Colonel C. E. FABER, Chief Engineer, dated Tranquebar, 9th November 1857, No. 151.

SIR,

In forwarding the accompanying Plan, which should have been despatched with my letter of the 7th Instant, I have the honor to inform you, that I have this morning received a letter from Lieutenant Moore reporting 29 breaches, closed, and slight damage to two masonry works in the Manargoody Talook, one of these breaches have taken place in the Bund of the Codundaramasamy Tank; I brought to the notice of the Acting Collector the very dilatory manner in which the emergent repair to the Bund of this Tank* were being carried out by the Peishcar of the Talook on the 27th of September last.

* Revenue 5628 Rupees in the Manargoody Talook besides the irrigation of 40 Vaylies in the Papanassem Talook.

2. A Breach also has taken place in the Munnyaur, in the limits of Malacottoor in the Combaconum Talook.

3. Every exertion is being made by the Executive Officers, and the subordinates, under their orders, in preparing the necessary estimates for the substantially repairing the Breaches that have taken place.

Resolved to forward, for the information of Government, copies of the foregoing letters Nos. 149, and 151, dated the 7th and 9th November 1857, from the District Engineer of Tanjore, reporting on the damages occasioned by the recent very high freshes and heavy rains.

* Enclosure 1.
* Sketch.

2. The injury to the Negapatam Jetty, it is observed, is only what might have been expected when the river deepened so considerably as it seems to have done.* The work can and must be repaired as usual in the proper season.

* 19 feet.

(Signed) C. E. FABER, Colonel,
Chief Engineer.

No. 125. ORDER THEREON, No. 2232; dated 1st December 1857.

Ordered that the foregoing Extract be recorded.

(Signed) H. FORBES,
Acting Secretary to Government.

No. 5332.

Extract from the Proceedings of the Chief Engineer in the Department of Public Works.

Under date the 19th November 1857.

Read the following Letter

No. 149....

From

Major W. J. Birdwood

District Engineer Tanjore

To

Colonel C. E. Faber

Chief Engineer D. P. W.

Sir,

With reference to my letter of the 28th Ultimo, No. 148, I have the honor to inform you, that I proceeded down to Tanjore that evening, and with Lieutenant Moore inspected on the following day the Breach, (the largest that had taken place) on the Left bank of the Vennaur in the Vilibbagoody limits, 98 yards in length. During the last season some small Waganies had been constructed, close to the site of the Breach, for the protection of the River Bank, which had suffered a great deal from erosion, during the Freshes of 1856. These I am sorry to say, have been much damaged, and a large portion of the Puddogay washed away.—

From

Some Slips appear to have subsided, I believe, to make a cut on the opposite side in Continuation of the one made in 1854, in the Expectation of straightening the Course of the Stream, and discharging the encroachment on the left Bank. Lieutenant Hearn will shortly make a Survey of the River in this Neighbourhood, when an Estimate will be prepared for the Cost of clearing the embankment. Straw mats at the Entrance of the Cut in 1854 (in Continuation with the straight Cut then made) carried away during the late floods also the Construction of Piers on three large Weirs erected and another large Breach on the Godavery Embankment, Papanasam Taluk, on the Left Bank of the Vennaur, 70 yards in length, Sand &c. but Considerable damage has been done; an Estimate for Completing and Strengthening the same has been forwarded to the Collector.

3 There has been also a large Breach in the Vadavaur in the limits of Pullamchedam, closed.

4 The number of Breaches in the Trivady Taluk alone (all known closed) amounted to 61 as follows.—

Vennar	22
Cavery	1
Coleroon	1
Vettaur	14
Comacondungu C	5
Vadavaur	9
Nemmeli Cavery	8
Jambooda Cavery	1

The

5 The Mannachundranuddy burst its banks near Alingoody in the Tiruvapoody Taluk, and before closed, I fear much damage to the crops had taken place. Road No. 26 between Negapatam and Tiruvapoody was also much cut up in consequence.

6 In the Velangamon Taluk there have been three Breaches, closed.—

7 The North Bank of the Vettaur was also breached in two places in the limits of Poolangoody in the Nannellem Taluk, about 2 miles West of Nagore, and to prevent damage to the crops or Road No. 46 between Nagore and Nangalwadchery, the Collector had an opening made in the Negapatam and Trangambar Road, for the escape of the water to the sea. The Breaches have been closed, and when the water shall have sufficiently subsided, the Roadway will be repaired, at present the communication is carried on by a Raft; in the ordinary of next year, I propose allowing an item for a large Culvert here.—

8 Considerable damage has been done to some of the Roads No 4 between Tanjore and Trinamalee breached in two places near Tanjore, and 3 Breaches to the North of the Vettaur; the Rajahs Road 4 breaches from Tanjore to the Vennaur, and 5 breached to the North of the Vettaur. Estimates for the repairs of the same are being prepared and will

will be forwarded to the Collector immediately.

9 I am happy in being able to report that all the large works on the Cavery, and Coleroon have not suffered in the least, nor have I had any report, that any of the Masonry works in the District, have been damaged, with the exception of the Condamahuddle Head sluice, whose foundations & wingwalls have been undermined, & the Arch cracked; must be rebuilt

10 Three of the earthen waganies, for the protection of the North Bank of the Cavery have been damaged, and are being repaired by the Cultivators.

11 Since my last inspection of the Jetty at Negapatam, I am sorry to say there are other symptoms of the foundations, having been undermined, as per the accompanying plan this portion has sunk considerably; the great scour during the late heavy floods and greater depth of water than usual, at this point no doubt is the cause.

Dist.t Engr.s Office
Trangquebar....
9th November 1857

I have the honor to be &c.
(Signed) W.J. Birdwood
District Engineer
Tanjore

No. 151.

From
Major W. J. Birdwood
District Engineer Tanjore

To
Colonel A. C. Faber
Chief Engineer D.C.W.

Sir,

I am forwarding the accompanying Plan

Plan, which should have been despatched with my letter of the 7th Instant, I have the honor to inform you, that I have this morning received a letter from Lieutenant Moore reporting 29 Breaches, closed, and slight damage to four Masonry Works in the Manargoody Talook, one of these Breaches have taken place in the Bund of the Coleroon Anicut; I brought to the notice of the Acting Collector the very distressing manner in which the Emergent repair to the Bunds of this Talook were being carried out by that Department on the 27th of September last.

* Vide Letter No. 5628 Dated 4th Nov.r 1857 from the Manargoody Talook, Intimating the Irrigation of 40 Taylies in the Parishes in Talook.

2 A Breach also has taken place in the Kummyanes, in the limits of Vadacadoor in the Coleroon Talook.

3 Every exertion is being made by the Executive Officers, under them orders, in preparing the necessary Estimates for the substantially repairing the Breaches that have taken place.

Dist.t Engr.s Office
Trangquebar....
9th November 1857

I have the honor to be &c.
(Signed) W. J. Birdwood
District Engineer Tanjore

Resolved to forward, for the information of Government, Copies of the foregoing letters No.s 149 & 151, dated the 7th & 9th November 1857 from

from the District Engineer of Tanjore, reporting on the damages occasioned by the recent very high freshes and heavy rains. + Enclosure 1 + Noted

2 The injury to the Negapatam Jetty, it is observed, is only what might have been expected when the river deepened so considerably, as it seems to have done. The work can and must be repaired as usual in the proper season. + 19 feet

/True Extract/

A.E. Taber Colonel
Chief Engineer

To

The Secretary to Government
P.W.D.

S. E. S. C.

Comp 881

P.W. 24th 1857 Ch.E.'s No. 2304

Extract from the Proceedings
of the Chief Engineer
To The Secretary to Government
P.W.D.

Dated 19th } November 1857
Received 21st }

No 5332.

Enclosure - 4
Returned - do -

Forwards Copies of
letters from the Distract Engr
of Tanjore, reporting on the
damages occasioned by the
recent very high freshes and
heavy rains.

Jobs recorded
Front yr Engrs Letter No. 2232.
1st Dec. 1857.

No 124 & 125

C 21st Nov. R 1st Dec.