M.R.O. 1—77,000—8-6-37.

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(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Financial DEPARTMENT.

G.O. No. 1727 Press Mis.

194-96.

Dated 26-8-1875.

6/7

Not to be folded or roughly handled

Local Funds—Roads.

Read the following papers :—

No. 194. Proceedings of the Board of Revenue, dated 28th July 1875, No. 2105.

Read the following letter from W. S. WHITESIDE, Esq., Collector and President of the Local Fund Boards, North Arcot, to H. E. STOKES, Esq., Acting Secretary to the Board of Revenue, dated Gudiattam, 3rd July 1875, No. 372 :—

I HAVE the honor to forward an estimate, amounting to Rupees 7,300, with its accompaniments, as noted in the margin, for constructing an additional bridge over the Nakkalkalva Channel on the road from Vellore to the railway station.

1 Plan.
1 Sketch.
1 Abstract Estimate.
1 Specification Report.

2. The existing bridge is entirely insufficient for the passage of the water brought down by the channel during heavy floods, and hitherto the excess has been carried across the road by a road-dam some twenty-two feet from the existing bridge.

3. On a thoroughfare so much frequented as is the one in question, a road-dam is at all times an inconvenience; during heavy floods the traffic is altogether interrupted, and the District Engineer states that on three occasions last year the road-dam itself was so damaged as to require considerable expenditure on its repair.

4. The Local Fund and Municipal Boards of Vellore have agreed to divide the cost of the work between them, and I beg to request that the Board of Revenue will be pleased to submit the estimate for the sanction of Government, and to allot Rupees 3,650, a moiety of the amount of the estimate, out of the general fund of the Vellore Circle.

ENCLOSURE No. 1.—Plan.

ENCLOSURE No. 2.—Sketch.

ENCLOSURES Nos. 3 and 4.—Estimates.

ENCLOSURE No. 5.—Specification Report.

THE estimate will be submitted for the sanction of Government.

2. On the receipt of sanction, the Board will allot the requisite funds.

(A true Copy and Extract.)

(Signed) H. E. STOKES,
Acting Secretary.

No. 296.

Referred to the Chief Engineer for his approval of the plan and estimate.

OOTACAMUND,
7th August 1875.

(Signed) D. F. CARMICHAEL,
Officiating Chief Secretary.

Proceedings of the Madras Government, Financial Department,
26th August 1875.

No. 195. No. 373.

MEMORANDUM.

The bridge is said to be intended to carry off flood water which at present overtops the road, but no information is given as to the quantity required to be discharged, and therefore no opinion can be given as to the waterway.

2. It is observed that no flooring is allowed to the bridge, but that a bed of concrete, three feet thick, is laid under the arches at the level of the bottom of the masonry foundations, thus allowing the soil to be scoured out to a depth of six feet below the true bed of the nullah. No information having been given as to the fall of the nullah or the velocity of the water through the bridge, this method of construction is approved only on the understanding that the concrete rests on hard soil.

3. No revetment seems to have been allowed below the bridge, but it will be a necessity, with wings of the shape proposed, and if the bed is allowed to scour out, the revetment must be carried down below the level of the upper surface of the concrete.

4. Unless the soil is firm the foundation of the wings will require to be carried deeper.

OOTACAMUND,
11*th August* 1875.

(Signed) J. O. HASTED, Major, R.E.,
Officiating Chief Engineer.

No. 196. ORDER THEREON, 26th August 1875, No. 1727.

The remarks of the Chief Engineer, on the estimate for the construction of an additional bridge across the Nakkalkalva Channel in the Vellore Circle, will be communicated to the Local Fund Board in view to their furnishing the information necessary to admit of that officer forming an opinion.

(True Extract.)

Officiating Chief Secretary.

To the Board of Revenue.

Exd. T. O'Connor.

Govt. of Madras

FINANCIAL.

To

THE BOARD OF REVENUE.

Dated August, 26th.

Issued

Recd.

G.O., 26th August 1875, No. 1727.

AUGUST.
Nos. 194–196.

Local Funds, Roads.—The remarks of the Chief Engineer on the estimate for an additional bridge across the Nakkalkalva Channel on the road from the town to the Railway Station of Vellore, communicated to the Local Fund Board in view to the supplying of the information needed by that officer to form an opinion of the estimate.

5B

No. 2,105.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 28th July 1875.

Read the following letter from W. S. WHITESIDE, Esq., Collector and President of the Local Fund Boards, North Arcot, to H. E. STOKES, Esq., Acting Secretary to the Board of Revenue, dated Gudiattam, 3rd July 1875, No. 372 :—

I HAVE the honor to forward an estimate, amounting to Rupees 7,300, with its accompaniments, as noted in the margin, for constructing an additional bridge over the Nakkalkalva Channel on the road from Vellore to the railway station.

1 Plan.
1 Sketch.
1 Abstract Estimate.
1 Specification Report.

2. The existing bridge is entirely insufficient for the passage of the water brought down by the channel during heavy floods, and hitherto the excess has been carried across the road by a road-dam some twenty-two feet from the existing bridge.

3. On a thoroughfare so much frequented as is the one in question, a road-dam is at all times an inconvenience; during heavy floods, the traffic is altogether interrupted, and the District Engineer states that on three occasions last year, the road-dam itself was so damaged as to require considerable expenditure on its repair.

4. The Local Fund and Municipal Boards of Vellore have agreed to divide the cost of the work between them; and I beg to request that the Board of Revenue will be pleased to submit the estimate for the sanction of Government, and to allot Rupees 3,650, a moiety of the amount of the estimate, out of the general fund of the Vellore Circle.

ENCLOSURE No. 1.—Plan.

ENCLOSURE No. 2.—Sketch.

ENCLOSURES Nos. 3 and 4.—Estimates.

ENCLOSURE No. 5.—Specification Report.

THE estimate will be submitted for the sanction of Government.

2. On the receipt of sanction, the Board will allot the requisite funds.

(A true Copy and Extract.)

H Stokes

Acting Secretary.

To the Officiating Chief Secretary to Government, Financial Department, with five enclosures, to be returned.

,, the President of the Local Fund Boards, North Arcot District.

Copy to the District Engineer, North Arcot.

,, to the Controller of Public Works Accounts.

Exd. W. H. French.

No. 296.

Referred to the Chief Engineer for his approval of the plan & Estimate.

Octacamund
7th Aug. 75.

[illegible]
Offg. Chief Engineer

No 1954 -
P.W. Chief Engineer
4 Aug.

W. R. Chief Engineer
6/8/75 with 5 Encls.

Financial Department.
(Road Fund.)

1875.

Board of Revenue,

MADRAS.

PROCEEDINGS, 28TH JULY 1875, No. 2,105.

Dept. 30 July 75

Encls

Received 5 August 75.

No. 1834

JULY.

No. 2,105.

Bridge, Additional—over Nakkalkalva Channel on road from Vellore to Railway Station in North Arcot District.—Estimate, amounting to Rupees 7,300, for construction of—, submitted for sanction of Government.

No. 373

7B

Proceedings of the Board of Revenue No. 2105 dated 28th July 1875 thro Financial Dept.

The bridge is said to be intended to carry off flood water which at present overtops the Road, but no information is given as to the quantity required to be discharged and therefore no opinion can be given as to the waterway.

It is observed that no flooring is allowed to the bridge, but that a bed of concrete 3 feet thick is laid under the arches at the level of the bottom of the masonry foundations, thus allowing the soil to be scoured out to a depth of 6 feet below the true bed of the

nullah

nullah. No information having been given as to the fall of the nullah or the velocity of the water through the bridge, this method of construction is approved only on the understanding that the concrete rests on hard soil.

No revetment seems to have been allowed below the bridge, but it will be a necessity, with wings of the shape proposed, and if the bed is allowed to scour out, the revetment must be carried down below the level of the upper surface of the concrete

Unless the soil is firm the foundation of the wings will require to be carried deeper.

I have the honour to be
Sir
Your most obedient
humble servant
Major R.E.
Offg Chief Engineer

Octacammund
11th August 1875

Ex D 731

Read 1834 & 1836

Oct.d 26 Aug.t 1875. No. 1727.

Re remarks of the Chief Engineer on the Estimate for the Construction of an additional Bridge over the Nakkalkaloa Channel in the Valley Circle will be communicated to the Local Road Board, in view to their furnishing the information necessary to admit of that Office forming an opinion

To the Board of Response with Enclosures Dec.r 10 79

1875
Dec.r 10
Transmits Report from Road Board - Kona
Refers to Chief Engr. for Rep.t
Rec.d 12 M
Read 12 M
No. 1886.

Re Construction of additional Bridge over Nakkalkaloa Channel on the Road from Kailua to Railway Station in North Kona

Govt. of Madras.

G.O. 26 Revenue, 1876, No. 172.

Nos. 194-196

Local Funds Roads. Remarks of the Chief Engineer on the Estimate for an additional bridge across the Nakkal-Kalva Channel on the road from the town to the Railway Station of Vellore, Communicated to the Local Fund Board in view to the supplying the information needed by that officer to form an opinion of the Estimate.