M.R.O. 1—77,000—3-6-57.

(1) Number of pages 10

(2) Date of repair 14 11 10

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 2507	Press Mis.
	140-141
Dated 27-12-1875.	

617

Not to be folded or roughly handled

Local Funds—Roads.

No. 140. Read the following Proceedings of the Board of Revenue, dated 29th October 1875, No. 3003 :—

Read the following letter from A. McC. WEBSTER, Esq., President of the Local Fund Board, Canara Circle, to H. E. STOKES, Esq., Acting Secretary to the Board of Revenue, dated Mangalore, 30th September 1875, No. 901 :—

I HAVE the honor to submit, for the sanction of Government, an estimate amounting to Rupees 19,150, with the accompaniments noted in the margin, for constructing an iron lattice girder bridge over the Cubbinhollay stream, on Road No. 2, from Manzerabad ghaut to Mani, *viâ* Ooperangady, together with a copy of this Board's resolution approving the estimate.

1 Detailed estimate.
1 Specification report.
1 Plan.
1 Detailed plan of iron work.
1 Section of the stream.
1 Plan of flooring and elevation.

2. The stream is at present spanned by a timber platform bridge of four bays, each 32½ feet in breadth, the masonry work consisting of laterite in chunam. Owing to the very inferior quality of the laterite obtainable near the ghauts, the masonry, it is reported, has gradually decayed until the abutments are literally little better than a bank of earth, and the piers are gradually deteriorating in a similar manner. A large portion of the eastern wing wall is reported to have already fallen, and the bridge in its present state is only secured from collapse by gabion work filled in with rough stone placed in front of the abutments.

3. The District Engineer proposes to use rough stone *partly* dressed for the masonry work, that is, the most portion of the work will be rubble stone, either hammer dressed or chisel dressed, so as to remove all projections and weak corners, while at intervals of six or seven feet a bonding course of more completely dressed stone will be introduced, thus avoiding the heavy expense of cut stone for the whole work.

4. The superstructure will be of iron Warren girders and buckled plates.

5. The Local Fund Board propose to allot a sum of Rupees 10,000 for this important work in the budget of the ensuing official year 1876-77 now under preparation.

ENCLOSURE No. 1.—Detailed Estimate.

ENCLOSURE No. 2.—Abstract Estimate.

ENCLOSURE No. 3.—Specification Report.

ENCLOSURES Nos. 4 to 7.—Plans.

ENCLOSURE No. 8.—Extract from Proceedings of Local Fund Board.

Proceedings of the Madras Government, Financial Department,
27th December 1875.

THE plans and estimate, amounting to Rupees 19,150, for the construction of an iron lattice girder bridge over Cubbinhollay stream, on Road No. 2, from Manzerabad ghaut to Mani, *viâ* Ooperangady, are submitted for the sanction of Government after reference to the Chief Engineer.

2. It is observed from the District Engineer's specification report that the present estimate is rather for reconstructing the existing wooden platform bridge, for the repair of which an estimate, amounting to Rupees 3,650, was sanctioned in Board's Proceedings, dated 28th May 1874, Miscellaneous No. 3,541. This repair work was completed only in June 1875, and the bridge was opened out for traffic as shown in the Circle Progress Report for June 1875, but in consequence of the decaying condition of the masonry, the District Engineer considers that it will be better economy to reconstruct the bridge in the manner detailed in the specification report.

3. The work is provided for in the ensuing year's Budget, which is now before Government.

(A true Copy and Extract.)

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

No. 697.

Referred to the Chief Engineer, for his remarks.

FORT ST. GEORGE,
22nd November 1875.

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

No. 862.

MEMORANDUM.

The Chief Engineer sees no objection to the bridge proposed to be reconstructed over the Cubbinhollay River being built according to the design and specification submitted by the Officiating District Engineer of South Canara.

(By Order,)

FORT ST. GEORGE,
14*th December* 1875.

(Signed) W. T. F. FAREWELL, Colonel,
Officiating Deputy Chief Engineer.

To the Financial Department, with papers.

No. 141. ORDER THEREON, 27th December 1875, No. 2507.

The estimate fo r the bridge is sanctioned.

(True Extract.)

Chief Secretary.

To the Board of Revenue, with eight enclosures.
" Public Works Department.
" Accountant-General.

Exd. A. Raitt.

Govt. of Madras.

FINANCIAL.

To

THE BOARD OF REVENUE.

&c., &c., &c.

Dated December, 27th.

Issued

Recd.

Read

G O, 27th December 1875, No 2507.

DECEMBER.

Nos. 140-141.

Local Funds—Roads.—The estimate for the bridge over the Cubbinhollay Stream on road from Manzerabad Ghaut to Mani in Canara Circle, sanctioned.

No. 3,003.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 29th October 1875.

Read the following letter from A. McC. WEBSTER, Esq., President of the Local Fund Board, Canara Circle, to H. E. STOKES, Esq., Acting Secretary to the Board of Revenue, dated Mangalore, 30th September 1875, No. 901 :—

I HAVE the honor to submit, for the sanction of Government, an estimate amounting to Rupees 19,150, with the accompaniments noted in the margin, for constructing an iron lattice girder bridge over the Cubbinhollay stream on Road No. 2 from Manzerabad ghaut to Mani *viâ* Ooperangady, together with a copy of this Board's resolution approving the estimate.

1 Detailed estimate.
1 Specification report.
1 Plan.
1 Detailed plan of iron work.
1 Section of the stream.
1 Plan of flooring and elevation.

2. The stream is at present spanned by a timber platform bridge of four bays, each 32½ feet in breadth, the masonry work consisting of laterite in chunam. Owing to the very inferior quality of the laterite obtainable near the ghauts the masonry, it is reported, has gradually decayed until the abutments are literally little better than a bank of earth, and the piers are gradually deteriorating in a similar manner. A large portion of the eastern wing wall is reported to have already fallen, and the bridge in its present state is only secured from collapse by gabion work filled in with rough stone placed in front of the abutments.

3. The District Engineer proposes to use rough stone *partly* dressed for the masonry work, that is, the most portion of the work will be rubble stone, either hammer dressed or chisel dressed, so as to remove all projections and weak corners, while at intervals of six or seven feet a bonding course of more completely dressed stone will be introduced, thus avoiding the heavy expense of cut stone for the whole work.

4. The superstructure will be of iron Warren girders and buckled plates.

5. The Local Fund Board propose to allot a sum of Rupees 10,000 for this important work in the budget of the ensuing official year 1876-77 now under preparation.

ENCLOSURE No. 1.—Detailed Estimate.

ENCLOSURE No. 2.—Abstract Estimate.

ENCLOSURE No. 3.—Specification Report.

ENCLOSURES Nos. 4 to 7.—Plans.

ENCLOSURE No. 8.—Extract from Proceedings of Local Fund Board.

THE plans and estimate, amounting to Rupees 19,150, for the construction of an iron lattice girder bridge over Cubbinhollay stream on Road No. 2 from Manzerabad ghaut to Mani *viâ* Ooperangady are submitted for the sanction of Government after reference to the Chief Engineer.

2. It is observed from the District Engineer's specification report that the present estimate is rather for reconstructing the existing wooden platform bridge, for the repair of which an estimate, amounting to Rupees 3,650, was sanctioned in Board's Proceedings, dated 28th May 1874, Miscellaneous No. 3,541. This repair work was completed only in June 1875, and the bridge was opened out for traffic as shown in the Circle Progress Report for June 1875, but in consequence of the decaying condition of the masonry the District Engineer considers that it will be better economy to reconstruct the bridge in the manner detailed in the specification report.

3. The work is provided for in the ensuing year's Budget, which is now before Government.

(A true Copy and Extract.)

Acting Secretary.

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

Copy to the President, Local Fund Board, Canara Circle.
,, to the District Engineer, Canara.
,, to the Controller of Public Works Accounts.

Exd. J. Tulloch.

No 697

Referred to the Chief Engineer for his remarks.

Fort St George
22 Nov 1875.

Offg Chief Secretary

Lieut W. Hall 4th Regt
Assistant Engineer
1875.

Board of Revenue.
MADRAS. No. 4502

S.O. 250

PROCEEDINGS, 29TH OCTOBER 1875, No. 3,003.

No 2610 Dept 8 Nov 1875
Encl. 8
Rec'd 13th Nov 1875
2 C.

OCTOBER.
No. 3,003.

Iron lattice girder bridge—over the Cubbinhollay stream on road from Manzerabad ghaut to Mani *viâ* Ooperangady in Canara Circle.—Submitting for sanction of Government, after reference to Chief Engineer, plans and estimate, amounting to Rupees 19,150, for construction of—.

11-11-75

No 862

3 70

Memorandum

Pro: of the Board of Revenue dated 29th October 1875 No 3,003 through Financial Department.

The Chief Engineer sees no objection to the Bridge proposed to be constructed over the Cubbinhollay River being built according to the design and Specification submitted by the Offg: Dist: Engineer of South Canara

(By order)

Colonel
Offg Dy Chief Engineer

To the Financial Department
with papers.

Fort St George
4 Dec 1875

(1875)

Hinmans Department
(Local Fund - Roads)

From the Chief Engineer
Pub. Works Dept

Dated 14th
Rec'd. 16. } December/75

No. 862.

Pahiatua

No 29/43

Stating that there is no objection to the Bridge proposed to be reconstructed over the Cobbinshaw River being built according to the design and specification submitted by the District Engineer South Canara.

With refd

No 2507 of 27 Oct 1875.

The Colonial Sec

The Bridge in question

Drgs

4/11/75 } To Mr Bransfield Surveyor with Drgs.
" - Wrote to Mr Hinman
" - Returned Plans

C20/12

Govt. of {1875} Madras.

Financial

G.O., 27 Dec., 1875, No. 2507

Nos. 140-41

Local Funds - Roads -

The Estimate for the bridge over the Cublum valley stream on road from Munzerabad & hault to Manivu Canara Circle sanctioned.

111°) -"- Accountant General