M.R.O. 1—77,606—8-6-37.

(1) Number of pages 14.

(2) Date of repair 11-10-40.

(3) Initials of the Referencer

7

MADRAS RECORD OFFICE.

Government of Madras.

Financial DEPARTMENT.

G.O. No. 1576	Press / Mis.
238-240.	
Dated 30-7- 1875.	

7/8

Not to be folded or roughly handled

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Local Funds—Roads.

Read the following papers:—

No. 238. Proceedings of the Board of Revenue, dated 8th July 1875, No. 1878.

Read the following letter from R. DAVIDSON, Esq., Acting President of the Local Fund Boards, Ganjam District, to H. E. STOKES, Esq., Acting Secretary to the Board of Revenue, dated Rumbah, 3rd May 1875, S. No. 280:—

With reference to the Board's Proceedings, dated 20th January 1875, Miscellaneous No. 409, communicating G.O., dated 8th January 1875, No. 29, Financial Department, I have the honor to submit, for the sanction of Government, a plan, specification, and estimates, amounting to Rupees 22,800, for constructing an iron girder bridge over the Korakory nullah on the deviation line of Aska and Ganjam road.

2. The estimate has been duly passed by the Chetterpore Local Fund Board at a meeting held on the 28th April, and a copy of the resolution is herewith sent with a copy of the District Engineer's letter, dated 8th April 1875, No. 2.

3. The expenditure on the bridge-work up to 31st March 1875 amounted to Rupees 2,839-12-9, and the District Engineer states that the work done is equally necessary whichever design may be selected, *viz.*, a masonry or a girder bridge.

4. I request that the Board will be pleased to obtain the advance of Rupees 12,000 promised on the estimate being sanctioned.

Enclosure No. 1.—Plan.

Enclosures Nos. 2 and 3.—Estimates.

Enclosure No. 4.—Copy of District Engineer's letter.

Enclosure No. 5.—Extract from Proceedings of Local Fund Board.

As required in G.O., Financial Department, dated 8th January 1875, No. 29, the plan and estimate, amounting to Rupees 22,800, for constructing an iron girder bridge over the Korakory nullah on the deviation line of Aska and Ganjam road are submitted for the sanction of Government after reference to the Chief Engineer.

2. It is reported that an expenditure of Rupees 2,840 was incurred up to the close of 1874-75 out of the original estimate of Rupees 12,820 for the bridge sanctioned in G.O., Financial Department, dated 3rd March 1873, No. 281, and that the work done is equally necessary whichever design is selected.

3. If the plan and estimate now submitted be sanctioned, the Board request that the Government will be pleased to authorize, from Provincial funds, the advance of Rupees 12,000 promised in the Order quoted in paragraph 1 *supra*. From a separate letter it appears that the Local Board propose to allot Rupees

11,785 from the special grant from Salt funds, and that this sum, with the promised advance from Provincial funds, will enable them to complete the deviation road and bridge.

(A true Copy and Extract.)

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

Referred to the Chief Engineer for his opinion.

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

15th July 1875.

No. 246.

No. 239. MEMORANDUM.

Proceedings of the Board of Revenue, dated 8th July 1875, No. 1878.

The plan is so deficient in details as regards the girders that no opinion can be given as to the suitability of the design.

2. It is stated that the piers and abutments have to be raised 7½ feet to provide the same waterway as allowed in the sanctioned design for a masonry bridge, and the conclusion arrived at from a perusal of the correspondence enclosed is that the foundations have been built according to the original plan, and the abutments, piers, and wing-walls are now to be raised on these foundations 7½ feet more than originally proposed. As a consequence of this arrangement the sectional area of the wing-walls has been so much reduced that there is every probability of their failing, if so built.

3. From the information afforded it seems very doubtful if the construction of an iron girder bridge can be approved; the object in proposing to substitute iron girders for masonry arches was to save time, but the District Engineer now states that bricks for the arches have been prepared, and there seems to be no reason why the bridge should not be completed by the end of next working season, before which time it is improbable the iron girders would be put up. There does not therefore appear to be any necessity for incurring an extra expenditure of Rupees 8,000.

4. It is observed that the original design for the bridge appears from G.O., No. 281, dated 31st March 1873, Financial Department, to have been sanctioned without being submitted to the Chief Engineer.

OOTACAMUND, (Signed) J. O. HASTED, Major, R.E.,
19th July 1875. *Officiating Chief Engineer.*

No. 240. ORDER THEREON, 30th July 1875, No. 1576.

On perusal of the opinion expressed by the Officiating Chief Engineer, the Governor in Council is not prepared to sanction the plan and estimate for the iron girder viaduct. The work should proceed on the original design.

2. It is observed that the original design for the bridge was sanctioned without reference to the Chief Engineer, G.O., dated 8th July 1874, No. 1136, not having then been issued.

3. The Board of Revenue will be requested to state how far the interest will be provided from tolls on through transit.

(True Extract.)

Officiating Chief Secretary.

To the Board of Revenue, with enclosures returned.
,, Public Works Department.

Exd. J. Wright.

Govt. of 1875 Works.

FINANCIAL.

To

THE BOARD OF REVENUE,

&c., &c.,

Dated July, 30th.

Issued

Recd.

G.O., 30th July 1875, No. 1576.

JULY.

Nos. 238—240.

Local Funds, Roads.—The plan and estimate for the iron girder bridge over the Korakory nullah in Ganjam District, refused sanction.

No. 1,878.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 8th July 1875.

Read the following letter from R. DAVIDSON, Esq., Acting President of the Local Fund Boards, Ganjam District, to H. E. STOKES, Esq., Acting Secretary to the Board of Revenue, dated Rumbah, 3rd May 1875, S. No. 280 :—

WITH reference to the Board's Proceedings, dated 20th January 1875, Miscellaneous No. 409, communicating G.O., dated 8th January 1875, No. 29, Financial Department, I have the honor to submit, for the sanction of Government, a plan, specification, and estimates, amounting to Rupees 22,800, for constructing an iron girder bridge over the Korakory nullah on the deviation line of Aska and Ganjam road.

2. The estimate has been duly passed by the Chetterpore Local Fund Board at a meeting held on the 28th April, and a copy of the resolution is herewith sent with a copy of the District Engineer's letter, dated 8th April 1875, No. 2.

3. The expenditure on the bridge-work up to 31st March 1875 amounted to Rupees 2,839-12-9, and the District Engineer states that the work done is equally necessary whichever disign may be selected, *viz.*, a masonry or a girder bridge.

4. I request that the Board will be pleased to obtain the advance of Rupees 12,000 promised on the estimate being sanctioned.

ENCLOSURE No. 1.—Plan.

ENCLOSURES Nos. 2 and 3.—Estimates.

ENCLOSURE No. 4.—Copy of District Engineer's letter.

ENCLOSURE No. 5.—Extract from Proceedings of Local Fund Board.

As required in G.O., Financial Department, dated 8th January 1875, No. 29, the plan and estimate, amounting to Rupees 22,800, for constructing an iron girder bridge over the Korakory nullah on the deviation line of Aska and Ganjam road are submitted for the sanction of Government after reference to the Chief Engineer.

2. It is reported that an expenditure of Rupees 2,840 was incurred up to the close of 1874-75 out of the original estimate of Rupees 12,820 for the bridge sanctioned in G.O., Financial Department, dated 3rd March 1873, No. 281, and that the work done is equally necessary whichever design is selected.

3. If the plan and estimate now submitted be sanctioned, the Board request that the Government will be pleased to authorize, from Provincial funds, the advance of Rupees 12,000 promised in the Order quoted in paragraph 1 *supra*. From a separate letter it appears that the Local Board propose to allot Rupees 11,785 from the special grant from Salt funds, and that this sum, with the promised advance from Provincial funds, will enable them to complete the deviation road and bridge.

(A true Copy and Extract.)

H Lucas

Acting Secretary.

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

Copy to the President of the Local Fund Boards, Ganjam District.
,, to the District Engineer, Ganjam.
,, to the Controller of Public Works Accounts.

Exd. J. W. Fischer.

No 246 - V 8

Proceedings of the Board of Revenue
No 1848, dated 8th July 1875.

Memo.

The plan is so deficient in details as regards the girders, that no opinion can be given as to the suitability of the design.

It is stated that the piers and abutments have to be raised 7½ feet to provide the same waterway as allowed in the sanctioned design for a masonry bridge, and the conclusion arrived at from a perusal of the correspondence enclosed is, that the foundations have been built according to the original plan, and the abutments, piers and wing walls are now to be raised on these foundations 7½ feet more than originally proposed. As a consequence of this arrangement, the

Referred to the Chief Engineer for his opinion.

15 July 1875

Offg. Chief Secretary

To the Chief Engineer - with 5 Encls

14/7/75

Transmitted Proceedings (Land Revenue) of the Board of Revenue
Dated 8th July 1875
No 1848

Proceedings of the Board of Revenue
MADRAS.

PROCEEDINGS, 8TH JULY 1875, No. 1,878.

JULY.
No. 1,878.

Iron Girder Bridge—over Korakery nullah, in Ganjam District.—Plan and estimate, amounting to Rupees 22,800, for construction of — submitted for sanction of Government after reference to Chief Engineer with remarks. Government requested to authorize an advance of Rupees 12,000 from Provincial funds if the plan and estimate be approved.

Rs 1600 Rupees July 1875

Received the 15th July 1875

Encl 5

Referred

the sectional area of the wing walls has been so much reduced, that there is very probability of their failing, if so built.

From the information afforded, it seems very doubtful if the construction of an iron girder bridge can be approved; the object in proposing to substitute iron girders for masonry arches, was to save time, but the District Engineer now states that bricks for the arches have been prepared, and there seems to be no reason, why the bridge should not be completed by the end of next working season, before which time it is improbable, the iron girders would be put up. There does not therefore appear to be any necessity for incurring an extra expenditure of Rs 8000.

It is observed that the original.

original design for the bridge appears from G. O. No 281, dated 31st March 1873. Financial Department, to have been sanctioned without being submitted to the Chief Engineer.

Dft sent. Major R.E.
Offg: Chief Engineer

Dated Camp
19th July 1875

To
The Financial Dept
with 6 Cuds

Attd.

Local Fund. Board

Financial Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

Read the following ~~letter~~ papers

Prot of the Board of Revenue dt 8th July 1875 No 1878

Opinion of the Offg Chief Engineer thereon } dt 19th July 1875 No 246.

Order thereon - Ordered 30 July 1875. No 1576.

On perusal of the opinion expressed by the Offg Chief Engineer, the Governor in Council is not prepared to sanction the plan and estimate, and for the reasons under mentioned. the work should they ~~will be returned to~~ be withdrawn by the original ~~the Local Fund Board for~~ design reconsideration.

It is observed

2. That the original design for the bridge was sanctioned without reference to the Chief Engineer's G.O. dated 8th July 1874 No 1136, not having then been issued.

Mr 26/7 Call attn. dtd 30/7 -

P3

The Bd of Rev returned to State how far the interests will be provided for by the Local Fund Board

To The Board of Revenue
Public Works Dept

Dept III/P

23/7/75

Govt. of {1875} Madras.

Financial

To

Dated 30 July

Recd. 1875. No. 1576

Nos. 238-40

Local Funds. Roads.

Plan and Estimate for the Iron Girder Bridge over the Kora Kory Nullah in Gangain District, for Sanction.