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M.R.O. 1—20,000—16-10-20.

MADRAS RECORD OFFICE.

Government of Madras.

Public **DEPARTMENT.**

G.O. No.	322	Press Mis.
Dated	10-3-	1918.68

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Department,
10th March 1868.*

No. 88. Read the following Proceedings of Government in the Public Works Department, dated 27th February 1868, No. 648.

Approving of the plans and estimates for } (Vide Proceedings, Public Works De-
repairing certain portions of the Great } partment, dated 27th February 1868,
Northern Trunk Road from Madras. } Nos. 612 & 613).

No. 89. ORDER THEREON, 10th March 1868, No. 322.

To be recorded.

(Signed) R. S. ELLIS,
Chief Secretary.

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Proceedings of the Madras Government, Public Works Department
27th February 1868.

No. 612. Read the following letter from the Superintending Engineer, 4th Division, to the Secretary to Government, Public Works Department, dated Madras, 8th February 1868, No. 5,128:—

1. In continuation of Lieutenant-Colonel Bean's letter to Government, No. 3,955, dated 18th November 1867, and with reference to the G. Os. as per margin,* I have the honor to forward plans and estimates for the works subjoined, which are required to complete Trunk Road No. VI (Madras to Cuttack) in the limits of this division, so as to make it fit for rapid wheel-traffic.
- 2 Plans of bridges.
1 Sketch of Penangadi backwater.
1 Plan of ferry boat.
1 Survey of road.
1 Estimate Rupees 47,498.
1 Do. „ 1,03,200.
1 Do. „ 76,972.
1 Specification.
1 Original letter No. 589, dated 18th Nov. 1867.
2 Estimates Rupees 1,000 and 10,000.
* No. 3,152, dated 12th October 1867.
„ 3,153, „ do. do.
„ 3,412, „ 4th November 1867.

	RS.
1. Reforming and metalling road	76,972
2. Constructing bridge across river Cortelliar	1,03,200
3. Completing the road and building two bridges across the Penangadi backwater	47,498
Sundries ...	12,330

Total Rupees ... 2,40,000

2 The remarks made by Government in their Order No. 3,412, dated 4th November 1867, on a letter from the Superintending Engineer, 2nd Division, on the subject of the unadvisableness of constructing expensive bridges across the rivers, &c., were, I conceive, not intended to apply to those within the limits of this division, inasmuch as the traffic in this portion is far from being small, while the impediments created by a heavy drag, through deep sand, in the dry season, in the Cortelliar river, and by impetuous floods in the rainy season, are very great.

3. The Government will remember that Colonel Winscom only speaks of the traffic as being comparatively small at a distance of 150 miles from Madras, whereas the extreme limits of this division, on the road in question, extend to only 33 miles from Madras, and the Cortelliar river is only 16 miles from the Presidency town.

4. I would venture, therefore, to suggest that the amount of one lakh of Rupees, accorded to this division for expenditure on the Trunk Road under notice, in the year 1868-69, should be laid out somewhat in the following manner:—

		RS.
1. Bridge over the Cortelliar ...	Laying in foundations and building piers and abutments to full height ready to receive arches.	60,000
2. Two bridges over the Penangadi backwater. ...	Do. do. do.	20,000
3. Do. ...	Forming new road up to bridges ...	10,000
4. ...	General road improvements between Municipal limits and 33rd mile stone. ...	10,000
	Total ...	1,00,000

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27th February 1868.

5. As the Government have, however, made allusion to the use of ferry boats, I have had estimates prepared, both of the cost of constructing them and also for cutting a new direct channel in the raised portion of the bed of the Penangadi backwater, to obviate the necessity of taking the mail carts by the long detour now made by the boats conveying the ordinary traffic. These amount severally to 1,000 Rupees for each ferry-boat, and 10,000 Rupees for the new channel.

6. I enclose a letter from the Assistant Engineer in charge of the Range, showing reasons against the use of a ferry-boat, the most conclusive of which appears to be their great cost, that is, if taken with the channel to be formed and kept open for them to work in, forming about one-fourth of the whole sum proposed to be expended for establishing the communication across the backwater in a permanent manner.

7. This subject has been before Government for the last eleven or twelve years. The last named work was even once sanctioned and commenced, but was unfortunately stopped under the restrictions of 1867. Endeavours were made to release it from those restrictions, but unsuccessfully, only, on account of the "reduced state of the finances," the Government of India at the same time admitting the "importance" of the road.

8. There is now no want of funds, and the Government of India advocate the formation of the line so as to fit it for rapid wheel-traffic; I do hope, therefore, that the Government will not order me to resort to the make-shift of ferries, but permit me to build the substantial masonry works, the plans of which are herewith submitted, and that they will authorize them to be carried on gradually as proposed in paragraph 4.

No. 613. ORDER THEREON, 27th February 1868, No. 648.

CIVIL WORKS, No. 85.

1. With this letter the Superintending Engineer of the 4th Division submits, in compliance with the Orders of Government No. 3,152, dated 12th October 1867, plans and estimates for completing for rapid wheel-traffic that portion of the Great Northern Trunk Road which lies in the Madras District.

2. The estimates amount in the aggregate to Rupees 2,40,000 and provide for the following works:—

Widening and metalling road from the Madras Municipal limits to the 33rd mile stone	RS. 76,972
Constructing a bridge of 27 arches of 40 feet span across the Cortelliar river	1,03,200
Raising, metalling, and revetting the road across the Penangadi backwater, and constructing two bridges of five arches, of 36 feet span, with culverts	47,498
Sundries	12,330

3. Colonel Boileau also submits, with reference to G. O. No. 3,412, of the 4th November 1867, estimates for cutting a new channel in the bed of the Penan-

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gadi backwater, and for constructing ferry boats. As, however, it appears that the expense of keeping open a boat channel at the backwater would be considerable, and that a ferry-boat is not suitable for the Cortelliar, which has always been a serious impediment to the traffic not only when the river is in fresh, but also in the dry season, the Government consider it advisable that the communication across the river and backwater should be of a permanent character, and they accordingly approve of the estimates which have been submitted for the construction of bridges, and resolve to forward them to the Government of India for sanction, together with the estimates for completing and metalling the road.

4. The distribution of the Budget allotment of Rupees 1,00,000 for this road in the manner proposed in paragraph 4, is sanctioned.

Ordered that the following letter be sent:—

(Here enter No. 649, dated 27th February 1868.)

(True Extract.)

Colonel, R. E.,

Secretary to Government.

- To the Superintending Engineer of the 4th Division.
,, Controller of Public Works Accounts.
,, Accountant General.
,, Public Department.
,, Postmaster General.

Exd. S. T. Augustin.

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middle 1868 Sept

W. J.

Two Great 17th Sept
No. 640

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No 395-

Applying of the Plans &
Estimate for expenses
containing portions of the
area of the New Church
No. 2, from 1868

No 322 30 March 1868

to be in effect
11/11