M.R.O. 1—30,000—16-10-69.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue, DEPARTMENT.

G.O. No.	657	Press ~~Mis.~~
293-94		
Dated	11th March	1869.

Not to be folded or roughly handled



Proceedings of the Madras Government, Revenue Department,
11th March 1869.

No. 293. Read the following Proceedings of the Board of Revenue :—

Submitting to Government, Public Works Report of Malabar District for 1867-68, with recommendation for reconstruction of bridge over Beypore river at Mammaly. } (Here enter 23rd February 1869, No. 1,233.)

No. 294. ORDER THEREON, 11th March 1869, No. 657.

Miscellaneous. Ordered to be recorded.

(True Extract.)

(Signed) R. A. DALYELL,
Acting Secretary to Government.

To the Board of Revenue.

Exd. G. A. Turton.

Copy of letter from the Board of Revenue, dated 11th March 1869, No. 657.

REVENUE.

TO

THE BOARD OF REVENUE.

Dated March, 1869.

Read.

Sent.

C. O. 11th March 1869, No. 657.

Re. Public Works, Malabar, for 1867-68.

MARCH.

Nos. 233-234.

Public Works of Malabar District.—Board's Proceedings submitting the report for 1867-68 with recommendation for the construction of a bridge over Beypore river at Mammaly, recorded.

No. 1,233.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 23rd February 1869.

Read the following letter from G. A. BALLARD, Esq., Collector of Malabar, to the Acting Secretary to the Board of Revenue, dated Calicut, 12th October 1868, No. 299:—

I HAVE the honor to submit my report on the Public Works executed in this district, during the year 1867-68, from Imperial Funds.

2 A comparative statement, showing the expenditure incurred on irrigation works, communications, and buildings, is annexed. The statement does not include the expenditure in South-East Wynaad, which I have not yet been able to ascertain, though the Special Executive Engineer has been several times addressed on the subject. It will be submitted separately as soon as known:—

	1866-67.	1867-68.	Increase.	Decrease.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Irrigation.				
New	.....	.....	.....	.....
Repair	820 8 10	400 0 0	.....	420 8 10
Communications.				
New	1,61,969 0 6	2,13,204 2 11	51,235 2 5	.....
Repairs	62,940 9 1	66,576 11 1	3,636 2 0	.....
Buildings.				
New	1,54,959 3 6	2,30,057 2 6	75,097 15 0	.....
Repairs	17,820 6 10	20,383 5 11	2,562 15 1	.....
Miscellaneous	5,991 3 1	1,037 9 3	.....	4,953 9 10
Total	4,04,500 15 10	5,31,658 15 8	1,32,532 2 6	5,374 2 8
Expenditure by Revenue Department	.....	5,539 15 9	.....	....
Grand Total...	4,04,500 15 10	5,37,198 15 5	1,32,532 2 6	5,374 2 8

N. B.—Expenditure by the Revenue Department—

	RS. A. P.
On Yenamakal and Katil dams	629 15 5
On Kattampalli and Pallat dams in Kurumbranad Talook	793 12 0
Sultan's canal in Cherikal Talook	600 0 0
On Manjeri Hospital	250 0 0
Repairs to bridges, etc., on road from Manantoddy to Gudalur	1,405 12 4
Monsoon repairs to Cutcherries	1,860 8 0
	5,539 15 9

3. *Irrigation.*—The expenditure on irrigation works was confined as heretofore to the repair of a few existing dams.

4. *Communications.*—The outlay on communications was greater than that of the previous year by Rupees 54,871.

N. B.—As above said the expenditure in South-East Wynaad, in the year under review, is not included.

Large sums were expended on the works noted below:—

		Expenditure in 1867-68. Rs.
1.	Peria Ghaut, new trace	45,746
2.	New trace from Manantoddy to Coorg	10,327
3.	Tamberacherry Ghaut and road	55,147
4.	Road from Kalpathy to Sultan's Battery	18,088
5.	Bridges over the Cherupoya and Nelambur rivers on No. 12	12,000
6.	Road from Mambat to Kondoti	15,747

I proceed to offer a few general remarks on the work done, during the year, on the main lines of communication in the district, and on their present condition.

5. The coast road from Beypore to Badagara is in fair order, generally. To the north of Badagara portions have been metalled. The Kodanally and Dhurmapatam bridges have been repaired; but between Quilandy and Mahé especially, portions of the road are heavy and require improvement.

	Rs.
* In 1865-66	5,463
" 1866-67	7,430
" 1867-68	1,118
Total...	14,010

The road from Palispatam to Taliparamba, which I hope may now be considered Imperial,* is in good order, and cart traffic is springing up on it. It has been reconstructed at a considerable* outlay of Local Funds.

The metalling of the Coorg road No. 2 is said to be very defective, notwithstanding the expenditure incurred on it during the last two years.

Good work has been done on the new Peria Ghaut trace; and the road from Cannanore, *via* Manantoddy is being improved.

Peria, to Mysore frontier is now open throughout for cart traffic. The trace from the ghaut head to

The new trace from Manantoddy to Basally has been completed, and is in good order.

The road-way from Kuttiadi Ghaut, *via* Koroth, to Manantoddy is reported to be in fair order, and bears much traffic; but the temporary wooden bridges on the rivers near Koroth have fallen, and should be rebuilt as soon as possible.

From Calicut to Putupadi, and the foot of the Tamberacherry Ghaut, the road requires improvement, as it bears very heavy and increasing cart traffic. At portions between Tamberacherry and Putupadi especially, it is very bad, carts being got along with difficulty whenever there has been rain. Satisfactory progress has been made on the Tamberacherry Ghaut; but it is not yet open for cart traffic, and it seems idle to speculate as to when it will be.

The road-way from the top of the ghaut to Kalpetta is in good order; but I cannot report the bridges at Kanuth and Kalpetta finished, as I was in hopes I might have done.

A great deal of work has been done on the road on to Mysore. Serious work on the road from Manantoddy, *via* Pannamaram and Sultan's Battery, has not yet commenced.

From Pannamaram to Kalpathy the road is a mere country-track running over two steep and rocky hills; but the line will be retraced when Captain Kennedy has time to attend to it.

The line running from Calicut, *via* Maliapuram and Mannar, to Palghaut is in good order.

The Kutlangadi bridge reported to have broken down last year, has not been rebuilt, and the Beypore river continues unbridged at Mammaly.

The Superintending Engineer informs me that no provision has been made for the former work in the Budget of 1868-69. The construction of the Karkur Ghaut may be said to have been completed. A large portion of last season's Coffee was brought down on carts to Arcakod; good temporary bridges having been thrown over the Edakarra and Nelambur rivers, and several smaller nullahs. The larger rivers will be thus crossed again this season. Most of the smaller nullahs have been permanently bridged. Work was commenced in earnest on the big bridge at Nelamber. The road was well ghauted down to the river at Arcakod, and altogether the arrangements on this line were highly satisfactory.

I may mention that arrangements are being made to cart large quantities of Coffee by Karkur Ghaut, Edawanna, and Manjeri through Kondotti into Calicut, without breaking bulk this season.

The road from Ponani, *viâ* Tirtala and Palghaut, to Waliar is in good order, and bears a very heavy traffic, notwithstanding its running parallel to the rail for considerable distances.

6. *Buildings.*—The expenditure on buildings amounted to Rupees 2,50,440, exclusive of Rupees 2,110 expended by the Revenue Department.

The subjoined statement exhibits the outlay under each department:—

	New Works.	Repairs.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.
Military buildings	97,346 7 3	15,858 11 1	1,13,205 2 4
Revenue do.	.....		
Public do.	1,19,278 7 10		
Judicial do.	10,317 15 8	4,524 10 10	1,37,233 6 1
Ecclesiastical do.	3,114 3 9		
Marine do.	.....		
Total...	2,30,057 2 6	20,383 5 11	2,50,440 8 5
Expenditure by the Revenue Dept...	250 0 0	1,860 8 0	2,110 8 0
Grand Total...	2,30,307 2 6	22,243 13 11	2,52,551 0 5

The following are some of the works on which large sums were expended during the year:—

		Rs.
1.	Central Jail, Cannanore	72,460
2.	Artillery Barracks and married quarters at Cannanore	41,596
3.	District Jail at Calicut	36,409
4.	No. 10 block of eleven married quarters at Cannanore ... } Do. out-houses, etc.	20,585
5.	New Commissariat godown at Cannanore	10,519

The Protestant Church at Tellicherry was completed in the year. Considerable progress was made in the construction of the Central Jail at Cannanore.

The District Jail at Calicut was well advanced towards completion; a Police Office was built at Calicut; the Sub-Magistrate's Office at Vythry was nearly completed as well as a house for the Police Inspector.

7. *Remarks on the wants of the district as regards communications and buildings.*—In paragraph 5 I have mentioned that a quantity of this year's Coffee from South-East Wynaad will be carted down the Karkur Ghaut, and instead of passing on from Edawanna to Arcakod, and thence being brought by water to Calicut, will leave the main line at Edawanna, and be carted on by Manjeri and Kondotti into Calicut without breaking bulk. The Agents find that the break at Arcakod exposes the Coffee to such risk of being pilfered and damaged, that several of them have determined to cart the whole way. Breaking bulk is thus avoided. The cartmen, who take charge at the estates in Wynaad, deliver at the

By District Road No. 35, and Imperial Road Nos. 11 and 13.

Coffee Works in Calicut, and will get return loads. I have no doubt that there will be a large traffic this way, which will prove very beneficial to the intermediate country; and this renders all the more urgent the want of a bridge over the Beypore river at Mammaly. There was a bridge here; but it was breached in the monsoon of 1861, and afterwards dismantled.

The site is only seven miles from Calicut. The road (Imperial Road No. 11) is the only cart road leading southwards, save that to Beypore, which now is only of real importance in connection with the Railway. The line is the only connecting link between the rapidly maturing road-systems of Ernad and Walawanaad and Calicut, as well as that by which much Wynaad and Mysore traffic will reach Calicut; and from intimate knowledge of the country about, and frequent consideration of the question, I have no hesitation in saying that the construction of a bridge at Mammaly is a work of the greatest importance.

Vide Public Works Report for 1866-67.

I have before urged it on attention, and I hope that it will not be much longer delayed. Probably a timber superstructure on iron screw piles would be the most convenient description of bridge for the place.

8. The Kannadi river runs immediately south and south-west of Palghaut town, crossing the main lines leading out in that direction to Putiangagaram, Kolangod, Alatur, and Wadakencherry in the talook, and the Coimbatore and Cochin countries beyond it.

The river is unbridged, and has a broad sandy bed. The question should be at once determined whether it should be bridged or cause-wayed; a site fixed; approved crossing provided; and short branches led off to District Roads Nos. 56 and 57 above alluded to. Municipal and Local Funds would contribute; but the work would be of such general importance as well to demand an Imperial contribution also.

It would give a great stimulus to Palghaut.

9. The Trunk Road No. 5 crosses the Ponany river a little west of the Railway station of Pattambi. This road bears as already said a large traffic. The river bed is very broad; and it is painful to see the double teams of cattle wearily dragging carts over at an immense expenditure of time and labor. A bridge or suitable crossing should be provided here.

10. The two last named works demand early attention. The difference in cost between a causeway and a bridge is so great that I should like to see the question taken up by the Superintending Engineer, with reference to these two crossings; but if, on consideration, a causeway is not likely to answer, then I trust sanction may be accorded for the preparation of plans and estimates for bridges.

Collector to Board, dated 6th July 1868, No. 206.

11. As to Civil buildings several public bungalows are much required; but the Board has been addressed on that subject separately.

Sanction for preparation of plans and estimates for Talook Cutcherries at Tellicherry and Manjeri has been given; also for a Deputy Magistrate's house at Manantoddy, and a Sub-Magistrate's house at Vythry. A Town Sub-Magistrate's Office in Calicut is much needed. A proposition for a Jetty at Calicut is before Government. I trust it will receive early approval, and that funds may be provided for its speedy completion.

Vide—Collector to Government, 13th June 1868, No. 89.
G. O., Public Works Department, 16th July " " 2,261.

12. I have not said anything about the notorious Beypore crossing, just north of the Railway station, on the road to Calicut. It remains as it was before the Madras Railway was thought of, though all but a trifling fraction of the passengers and goods brought to Beypore come north to Calicut. If the Railway extension north is not decided upon speedily, the Engineers should be called on to devise suitable means of crossing, and funds should be provided for the work forthwith.

ENCLOSURE No. 1.

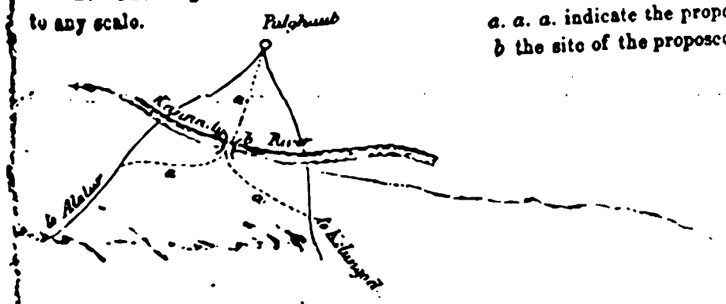
ABSTRACT.—List of important new works executed during the year 1867-68 in the district of Malabar.

From G. A. BALLARD, Esq., Collector of Malabar, to the Acting Secretary to the Board of Revenue, dated on circuit at Sultan's Battery, 18th November 1868, No. [illegible]

ADVERTING to the Board's Proceedings, dated 10th November 1868, I have the honour to report that one bridge or one causeway will suffice for the Kolangod* and Alatur† roads.

* Now Imperial.
† District Road No. 57.

2. The rough diagram subjoined will explain the proposed arrangement, though not drawn to any scale.



a. a. a. indicate the proposed branch roads, and *b* the site of the proposed bridge or causeway.

Memorandum from Secretary to Government, Department of Public Works, dated 18th February 1869, No. 7, requesting early submission of report of Collector of Malabar on operations of the Public Works Department for 1867-68.

THESE letters show the progress of Public Works in the Malabar District during the official year 1867-68.

2. The total expenditure in the district, Wynaad included, is given as Rupees 5,96,820, as particularised below:—

	1866-67.			1867-68.		
	New Works.	Repairs.	Total.	New Works.	Repairs.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Irrigation	...	821	821	...	1,824	1,824
Communications	1,61,969	62,941	2,24,910	2,62,505	74,540	3,37,045
Buildings	1,54,959	17,820	1,72,779	2,31,387	22,527	2,56,914
Miscellaneous	5,991	...	5,991	1,038	...	1,038
Total	3,22,919	81,582	4,04,501	4,97,930	98,891	5,96,821

The great bulk of the expenditure has been as usual on roads and buildings.

3. The three principal ghauts into Wynaad received much attention during the year. On the Periah Ghaut Rupees 45,746 were spent, and the Collector reports the road from Cannanore by it to the Mysore frontier open to cart traffic. The trace from the top of the ghaut to Manantoddy is being improved.

4. The Tamboracherry was not open for carts, but "satisfactory progress" was made on it.

5. The Karkur Ghaut was so far advanced that a large portion of the season's Coffee was sent down it in carts. The Collector reports that the loss in breaking bulk at Arcakod is so great that several of the planters have determined on carting this year's crop the whole way to Calicut, instead of sending it by water from Arcakod. This change in the mode of transit renders it very necessary that the bridge over the Beypore river at Mammaly, seven miles out of Calicut should be rebuilt. The Board strongly recommend the early completion of this most desirable work.

6. Two other bridges, or at least causeways, are also very urgently needed: one over the Kunnady river, south of Palghaut on the Imperial line by Kolangod to Vettanam in Madura; and the other over the Ponany river, near Puttambi, on the Salt line to the latter place from Ponany. The Board beg the especial attention of Government to the Collector's report regarding these works. Pending a decision as to the continuation of the rail to Calicut, the project of bridging the Beypore river at Beypore need not be considered.

7. The chief buildings in hand during the year were the Central Jail at Cannanore, the District Jail at Calicut, and several Military buildings at Cannanore.

8. The progress on the Jails appears to have been satisfactory.

9. The project for a Jetty at Calicut did not pass through the Board's Office.

10. The other portions of the Collector's report do not call for special notice from the Board. The great wants of the district are good roads and bridges. Much has been and is being done to supply these, but much still remains to be done; and the Board earnestly advocate a liberal expenditure on such works for some years to come.

(True Copies and Extract.)

Acting Secretary.

To the Secretary to Government, Department Public Works,
with three enclosures.

Copy to the Acting Secretary to Government, Revenue Department.
" to the Collector of Malabar.

Ed. F. R. Bantleman.

14 Copies Forwd. to Bd of Rev. Dept. 12

Rev. 1869. Department

No. 739.

PROCEEDINGS OF THE BOARD OF REVENUE,

Dated 23rd February 1869.
Despd. 9th March
Received 9th

No. 1,233.

Public Works Report of Malabar District for 1867-68, submitted to Government with recommendation for reconstruction of bridge over Beypore river at Mammaly.

Recd