

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 876

Press

~~His~~

22-23

Dated 1st April 1969

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
1st April 1869.*

No. 22. Read the following Proceedings of the Madras Government in the
Public Works Department:—

Passing orders on the Proceedings of the Board
of Revenue, submitting, with remarks, the
Report of the Collector of Malabar on the
progress of Public Works in the district dur-
ing 1867-68. (Here enter 22nd March 1869, No. 957.)

No. 23. ORDER THEREON, 1st April 1869, No. 876.

Miscellaneous.

ORDERED to be recorded.

(True Extract.)

(Signed) H. W. WELLESLEY,

Acting Under Secretary to Government.

Rd. F. R. Bantleman.

To the Board of Revenue.

*Proceedings of the Madras Government, Public Works Department,
22nd March 1869.*

No. 640. Read the following Proceedings of the Board of Revenue, dated 23rd February 1869.

Read letters, from the Collector of Malabar, dated 12th October 1868, No 299, and 18th November 1868, No. 330.

Read also Memorandum from the Secretary to Government, Public Works Department, 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.

From the 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.
<i>Irrigation.</i>				
New	820 8 10	400 0 0		420 8 10
Repair				
<i>Communication.</i>				
New	1,61,989 0 8	2,13,204 2 11	51,235 2 5	
Repairs	62,910 9 1	66,576 11 1	3,636 2 0	
<i>Building.</i>				
New	1,54,959 3 6	2,30,057 2 6	75,097 15 0	
Repairs	17,000 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 Katildams	629 15 5
On Kattampalli and Pallatdamsin Kuruinbanad Talook	793 12 0
Sultan's Canal in Chirikal Talook	600 0 0
On Manjeri Hospital	250 0 0
Repairs to bridges, &c., on road from Manantoddy to Goodala	1,403 12 4
Monsoon repairs to Catcheries	1,860 8 0
Total	5,539 15 9

Irrigation.

3. The expenditure on Irrigation Works was confined as heretofore to the repair of a few existing dams.

Communications.

4. 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.

Public Works in Malabar District.
Collector's report on the operations of the Department for 1867-68, received.

APRIL
Nos. 22-23.

REVENUE.

To

Dated April

G. O. No. 1001 of 1869.

REVENUE.

REVENUE.

*Proceedings of the Madras Government, Public Works Department,
22nd March 1869.*

Large sums were expended on the works noted below :—

	Expenditure in 1867-68.
1. Peria Ghaut new trace	45,746
2. New trace from Manantoddy to Coorg	10,327
3. Tambercherry Ghaut and Road	55,147
4. Road from Kalpatty to Sultan's Battery	18,088
5. Bridges over the Cherupoya and Nelambur Rivers, on No. 12 ...	12,000
6. Road from Mamlat 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 Itharapattam bridges have been repaired; but between Quilandy and Mahe especially, portions of the road are heavy and require improvement.

The road from Baliapatam 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.

in 1865-66	Rs. 8,462
in 1866-67	7,928
in 1867-68	1,116
	14,010

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, head to Manantoddy is being improved.

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

The road way from Kuttiadi Ghaut, via Korotti to Manantoddy is reported to be in fair order, and bears much traffic, but the temporary wooden bridges near Korotti have fallen, and should be re-built as soon as possible.

From Calicut to Putupadi and the foot of the Tambercherry Ghaut, the road requires improvement as it bears very heavy, and unceasing cart traffic. At portions, between Tambercherry 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 Tambercherry Ghaut, but it is not yet open to 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 Kalpathe 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 Manar to Paulghat is in good order. The Kottlangadi bridge reported to have broken down last year, has not been re-built, and the Beypore river continues unbridged at Mannali.

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 Aricakode, good temporary bridges having been thrown over the Edakarra, and Nellambur 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 Nellambur. The road was well gauged down to the river at Aricakode, and altogether the arrangements on this line were highly satisfactory.

*Proceedings of the Madras Government, Public Works Department,
22nd March 1869.*

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 Ponany, via Tirtala and Palghat to Waliar is in good order, and bears a very heavy traffic, notwithstanding its running parallel to the rail for considerable distances.

Buildings.

6. 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 Work.	Repairs.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.
Military Buildings	97,316 7 3	15,858 11 1	1,13,205 2 4
Revenue do.	1,19,278 7 10	4,524 10 10	1,37,235 6 1
Public do.	10,817 15 8		
Judicial do.	3,114 3 9		
Ecclesiastical do.			
Marine do.			
Total	2,30,057 2 6	20,383 5 11	2,50,440 8 5
Expenditure by Revenue Department.	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 :—

1. Central Jail, Cannanore	Rs. 72,460
2. Artillery Barracks and married quarters at Cannanore	41,596
3. District Jail at Calicut	35,439
4. Number ten block of eleven married quarters at Cannanore, do. out-houses, &c.	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.

Remarks on the wants of the District as regards Communications and Buildings.

7. 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 Arcakode 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 Arcakode 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 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 Mannali. There was a bridge here, but it was breached in the monsoon of 1864, 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 Walawanad 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 consider-

*Proceedings of the Madras Government, Public Works Department,
22nd March 1869.*

ation of the question, I have no hesitation in saying, that the construction of a bridge at Mammali is a work of the greatest importance. I have

Vide Public Works report for 1866-67.

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 Kunnadi river runs immediately south and south-west of Palghaut town, crossing the main lines leading out in that direction to Puttannagarom, Kolangode, Alatur, and Wadukencherry, 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 causewayed. 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 at Pattambi. This road bears, as already said, a large traffic. The river 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 labour. 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 Cutcheries at Tellicherry and Munjeri has been given, also for a Deputy Magistrate's house at Manantoddy, and a Sub-Magistrate's

Vide Collector to Government, 18th June 1868, No. 89.
G.O., Public Works Department, 15th July 1868, No. 2,261.

house at Vytry. 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.

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 upon to devise suitable means of crossing, and funds should be provided for the work forthwith.

(True Copy).

(Signed) A. MAGGREGOR,
Acting Secretary.

From the Collector of Malabar, to the Acting Secretary to the Board of Revenue, Madras, dated Sultan's Battery, 18th November 1868, No. 330.

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

* Now Imperial.
† D. B., No. 67.

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.

*Proceedings of the Madras Government, Public Works Department,
22nd March 1869.*

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 Rs. 5,96920 as particularised below:—

	1866-67.		Total.	1867-68.		Total.
	New Works.	Repairs.		New Works.	Repairs.	
	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 ...	1,54,950	17,820	1,72,779	2,34,387	22,527	2,56,914
Miscellaneous ...	6,991	...	5,991	1,038	...	1,038
Total ...	3,22,919	81,582	4,04,501	4,97,930	98,891	5,96,821

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

4. The three principal ghauts into Wynaad received much attention during the year. On the Peria, ghaut Rs. 45,748 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.

5. The Tambercherry was not open for carts, but "satisfactory progress" was made on it.

6. The Karkur ghaut was so far advanced that a large portion of the season's cotton was sent down it in carts. The Collector reports that the loss in breaking bulk at Arreakode 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 Arreakode. This change in the mode of transit renders it very necessary that the bridge over the Beypore river at Mammali, seven miles out of Calicut, should be rebuilt. The Board strongly recommend the early completion of this most desirable work.

7. Two other bridges, or at least causeways, are also very urgently needed, one over the Kunnadi river, south of Palghaut, on the Imperial line by Colungode to Vettanam in Madura, and the other over the Ponany river, near Puttumbi, on the salt line to the latter from Ponany. The Board beg the especial attention of Government to the Collector's report regarding those 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. 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 portion 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 Extract.)

(Signed) A. MAGGREGOR,
Acting Secretary.

*Proceedings of the Madras Government, Public Works Department,
22nd March 1869.*

No. 641.

ORDER THEREON, 22nd March 1869, No. 957.

ESTABLISHMENT, No. 56.

1. Communicated to the Superintending Engineer of the 7th Division, and to Major Kennedy.

2. The Government concur with the Collector and the Board of Revenue in considering the construction of a bridge over the Beypore river near Calicut at Mammali to be very desirable, and the Superintending Engineer will accordingly submit plans and estimates for the work.

3. Looking to the large assignments which are being made for works in Wynaad, His Excellency in Council regrets that no additional funds can be provided to meet the heavy cost of the proposed bridges over the Kunnadi and Ponany rivers, and the erection of these bridges must of necessity be deferred.

4. Adverting to the remarks made by the Collector regarding the Kootlangad bridge on the road from Calicut via Maliapoorum and Manar to Paulghat, the Government observe that in their

• No. 1,370, dated 2nd May 1868.

Proceedings • marginally noted sanction was accorded to an estimate of Rupees 18,800 for the reconstruction of the bridge, and that the work is now in progress. The requisite funds for completing the structure will be provided, if possible, next year.

5. Since the date of the Collector's report, the Tambracherry ghaut has been opened for cart traffic.

(True Extract.)



Colonel, R. E.,

Secretary to Government.

To the Superintending Engineer, 7th Division.

To Major R. B. Kennedy.

To the Revenue Department. ✓

„ Board of Revenue.

Ed. E. C. Shunker.

7-4-69

Revenue Dept.
N-954
Govt. of 1869 Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,

7th Division.

Ac. Ac. Ac.

Dated March, 22nd.

Recd. *21/3*

Encl.

G. O., 22nd March 1869, No 957.

MARCH

Nos. 640-641

10/11/69
10/11/69
Progress of Public Works.—Passing orders on the Proceedings of the Board of Revenue submitting, with remarks, the Report of the Collector of Malabar on the progress of public works in the District during 1867-68.

N-876
RECORDED: