M.R.O. 1—77,006—8-6-37.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 2993 Press / Mis.

639-40

Dated 26. 9 1867.

Not to be folded or roughly handled

No. 639. Read the following Proceedings of the Board of Revenue, dated 17th September 1867, No. 5,950 :—

Read the following letter from the Collector of Malabar, to the Secretary to the Board of Revenue, dated Calicut, 9th August 1867, No. 182.

1. I have the honor to report on the works executed, during the year 1866-67; from Imperial Funds in this district.

2. The expenditure on Irrigation Works, on Communications, and on Buildings, as contrasted with the outlay of the preceding year, is shown in the subjoined statement :—

	Expenditure in 1865-66.	Expenditure in 1866-67.	Increase.	Decrease.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Irrigation.				
New Works	.....	.....	.....	.....
Repairs	861 3 9	828 8 10	.....	40 10 11
Communications.				
New Works	1,91,276 0 0	1,61,969 0 6	.....	29,306 15 6
Repairs	62,372 13 5	62,940 9 1	567 11 8	.....
Buildings.				
New Works	1,09,963 1 9	1,54,959 3 6	44,996 1 9	.....
Repairs	19,967 5 8	17,820 6 10	.....	2,146 14 10
Miscellaneous ...	113 0 9	5,991 3 1	5,878 2 4	.....
Total...	3,84,553 9 4	4,04,500 15 10	51,441 15 9	31,494 9 3
Net increase...	.....	.....	19,947 6 6	.. ...

3. As in former years the expenditure under Irrigation has been confined to the annual repairs of some of the existing works, none of which are of any great importance.

4. Rupees 2,24,909-9-7, or more than half the total Public Works expenditure of the year, have been expended on Communications. The largest outlay has been on the undermentioned works, all of which, it will be observed, are connected more or less immediately with Wynaad and the three important Ghauts—Peria, Tamberacherry, and Karkur.

	Expenditure in 1866-67. RS.
1. Peria Ghaut new trace	27,505
2. Terriot road and bridges thereon	17,076
3. Tamberacherry Ghaut and road	20,000
4. Karkur Ghaut	15,927
5. Road from Karkur to Gudalur...	11,005
6. Road from Gudalur to Teppakadavu	8,715
7. Road from Mambat to Kundoti	11,973

5. The expenditure on buildings amounted to Rupees 1,72,779-10-4.

Capt Kennedy
Bd of Rev wth 2 enclosures
Rev Dept

The subjoined statement exhibits the outlay under each Department:—

Description.	New Works.	Repairs.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.
Military buildings	87,876 8 11	10,948 10 8	98,825 3 7
Revenue do.	3,010 4 10		
Public do.	9,082 3 7		
Judicial do.	53,719 2 8	6,871 12 2	71,454 6 9
Ecclesiastical do.	1,770 15 6		
Marine do.	.....		
Total...	1,54,939 3 6	17,820 6 10	1,72,779 10 4

The works on which the largest expenditure was incurred are entered below:—

	Amount expended in 1866-67.
	Rs.
1. Construction of eleven Married Quarters with Out-houses at Cannanore	13,485
2. Military Barracks and Married Quarters at Cannanore	46,133
3. Commissariat Godown	5,080
4. Grand Powder Magazine at Cannanore	11,284
5. New Jail at Calicut	19,637
6. Central Jail, Cannanore	20,235

6. A list of the principal works executed during the year is submitted with remarks as to the progress made on each.

7. In this year again considerable progress has been made on the Peria Ghaut. The largest portion of the lower part (about 5½ miles) has been opened to twelve feet in width. It is now open for horses and bullocks throughout.

Work has also progressed on the upper portion, (about two miles in length,) most part of which has been opened to twelve feet.

The road below is in excellent order; but the road above to Manantoddy requires improvement in the trace in several parts, as well as attention to better bridging and tunnelling.

The Ghaut is not open for carts, and though carts are occasionally used on the road above, it cannot be called fit for wheeled-traffic.

8. The road from Manantoddy to Bawally is in good order on the Manantoddy side; but towards the Bawally bridge and on the Mysore side of it the road is impassable for carts during the monsoon. It requires tunnelling in many parts; a new trace has been made, and work has commenced on it.

There are no mile-posts or stones on the whole of the line from the foot of the Peria Ghaut to Bawally.

9. Progress has been made on the Tamberacherry Ghaut; but it does not show very much. On the lower portion many of the bridges are still temporary, and require constant repairs, and portions of the roadway are far from completed. The blasting on the upper portion has progressed, but even as a bridle-path is still difficult in several places; of course none of last season's traffic could pass it. Unless the progress made, during the first nine months of 1867-68, is very much greater than experience hitherto justifies us in expecting, the hope held out that the whole Ghaut would be open for next season's crop, will not be fulfilled.

10. From the top of the Tamberacherry Ghaut to Kalpetta, the line as a fair-weather road* is open for carts, but neither the Kanuth nor Kalpetta bridges are nearly finished.

Between Kalpetta and Sultan's Battery the road remains much as it was, but work was vigorously pushed on from Sultan's Battery to the Mysore frontier.

11. Several large wooden-bridges have been constructed on the road from Vytry to Terriot. Two more are in course of completion, and then the road may be considered open for bandy-traffic at all seasons, from Manantoddy *via* Terriot to the top of the Tamberacherry Ghaut.

But the line is a very unsatisfactory one owing to defective tracing when it was commenced.

12. Satisfactory progress has been made on the Karkur Ghaut. It was reported nearly open for carts. About forty yards of revetment, at about two and a half miles from the top of the Ghaut, was carried away bodily by a heavy fall of rain in the end of March. Active measures were, however, taken to remedy the evil.

13. From Karkur to Gudaloor, and from Gudaloor to Teppakadavu, the road is in excellent order. A good bridge has been built over the Bether nulla stream. This continues the longest piece of really well-opened road in Wynaad.

14. One of the bridges below has been completed. Little progress has been made towards the bridging of the Edakara and Nilamber rivers; but the smaller works have progressed fairly.

15. Good work was done on the road from Calicut to Palghaut *via* Manar. One bridge only remains to be completed close to Manar, which will be finished in a few months; and then the cart communication along this fine road will be fairly open. The only river unbridged will be the Beypore river at Mamali. This was bridged in 1862; but the structure was breached in the monsoon of 1864, and afterwards dismantled.

NOTE.—I regret to have to report that the Katlangady bridge just on the Palghaut side of Maliaprom on this road, which was only opened to traffic about a year ago, has just been reported as having had its centre arches carried away.

16. The work on the other Imperial communications in the district calls for no particular remark.

17. The foundation stone of the Protestant Church† at Tellicherry was laid by the Governor of Madras in November, and the building is well advanced towards completion.

† Estimate Rupees 6,000.

18. The Normal‡ School at Cannanore is nearly ready to be handed over to the Educational Department.

‡ Estimate Rupees 12,900.

The Central Jail at Cannanore has been commenced, and it is hoped the District Jail at Calicut may be completed in the course of this working season.

The new Post Office at Manantoddy has been finished.

I hoped to have reported the completion of the Sub-Magistrate's Office at Vytry; but it remains uncompleted to the time of writing.

* Some of last season's coffee was taken in carts over this road to the top of the Ghaut, the Kalpetta river being crossed by a temporary bridge. But the carts had to be unladen at Kanuth, and the coffee carried across the river bed by coolies.

Proceedings of the Madras Government, Public Works Department, 26th September 1867.

Enclosure No. 1.

Abstract.—List of important new works executed during 1866-67 in Malabar.

1. Resolved that the foregoing report be submitted for the information of Government.

2. In paragraph 8 the Collector reports that there are no mile-posts or stones on the road from the foot of the Peria ghaut to Buwally.

3. It appears to the Board that this want should be supplied, and also that the bridges on the lower portion of the Tambracherry Ghaut, which are reported in paragraph 9 to be only temporary, should be made permanent as soon as possible.

4. The attention of Government is requested to the latter part of paragraph 11, and also to paragraph 14.

5. The Collector should have stated the principal wants of the district in regard to Public Works.

No. 640. Order thereon, 26th September 1867, No. 2,993.

ESTABLISHMENT, No. 66.

1. Communicated to the Superintending Engineer of the 7th Division and Captain Kennedy. The attention of the latter Officer will be drawn to paragraphs 2 and 3 of the Board's Proceedings.

2. The Government will await a report on the destruction of the bridge referred to in paragraph 15 of the Collector's report.

(True Extract.)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Under Secretary to Government.

To the Superintending Engineer, 7th Division.
To Captain Kennedy.
To the Board of Revenue, with one Enclosure.
,, Revenue Department.

Exd. S. T. Augustin.

No. 5,950.

Proceedings of the Board of Revenue, dated 17th September 1867.

Read the following letter from G. A. BALLARD, Esq., Collector of Malabar, to the Secretary to the Board of Revenue, dated Calicut, 9th August 1867, No. 182:—

1. I have the honour to report on the works executed, during the year 1866-67, from Imperial Funds in this district.

2. The expenditure on Irrigation Works, on Communications, and on Buildings, as contrasted with the outlay of the preceding year, is shown in the subjoined statement:—

	Expenditure in 1865-66.	Expenditure in 1866-67.	Increase.	Decrease.
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New Works	1,91,276 0 0	1,61,969 0 6	... ...	29,306 15 6
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Total...	3,84,553 9 4	4,04,500 15 10	51,441 15 9	31,494 9 3
Net increase...	... ...	... ...	19,947 6 6	... ...

3. As in former years the expenditure under irrigation has been confined to the annual repairs of some of the existing works, none of which are of any great importance.

4 Rupees 2,24,909-9-7, or more than half the total Public Works Expenditure of the year, have been expended on Communications. The largest outlay has been on the undermentioned works, all of which, it will be observed, are connected more or less immediately with Wynaad and the three important Ghauts— Peria, Tamberacherry, and Karkur.

	Expenditure in 1866-67.
1. Peria Ghaut new trace	27,505
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5. Road from Karkur to Gudalur	11,005
6. Road from Gudalur to Teppakadavu	8,715
7. Road from Mambat to Kundoti	11,973

5. The expenditure on buildings amounted to Rupees 1,72,779-10-4. The subjoined statement exhibits the outlay under each department:—

Description.	New Works.	Repairs.	Total.
	Rs. A. P.	Rs A. P.	Rs. A. P.
Military buildings	87,376 8 11	10,948 10 8	98,325 3 7
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Public do.	9,082 3 7		
Judicial do.	53,719 2 8		
Ecclesiastical do.	1,770 15 6		
Marine do.	... ...		
Total...	1,54,959 3 6	17,820 6 10	1,72,779 10 4

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	Amount expended in 1866-67.
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4. Grand Powder Magazine at Cannanore...	11,284
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6. Central Jail, Cannanore...	2,0235

6. A list of the principal works executed during the year is submitted with remarks as to the progress made on each.

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ENCLOSURE No. 1

ABSTRACT.—List of important new works executed during 1866-67, in Malabar.

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4. The attention of Government is requested to the latter part of paragraph 11, and also to paragraph 14.

5. The Collector should have stated the principal wants of the District in regard to Public Works.

(A true Copy and Extract.)

Secretary.

To the Secretary to Government, Department of Public Works, with enclosure.

,, to the Secretary to Government, Revenue Department.

Copy to the Collector of Malabar.

Exd. J. Wright.

Public Works Department.

No. 2993

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 26th September 1867

Read the following

Proceedings of the Board of Revenue (Here enter No. 5950 dated 17th Sept 1867)

Communicated to the Superintending Engineer of the Dr & Captn Kennedy. The attention of the latter officer will be drawn to Paras 2 & 3 of the Board's Proceedings.

The Govt will await a report on the destruction of the Bridge referred to in Para 15 of the Collector's report.

W.

To
The Ld & Dr
Captn Kennedy
Sir
I am directed to forward herewith a Copy of Revenue Board's Proceedings noted in the margin, and to request that you will favor Government with a report on the destruction of the Bridge referred to in Para 15 of the Collector's report.

I have the honor to be
Sir
Your most obedient Servant
W. Elliot
Secy to Govt

Public Dept
No 3 Dated 27th Sept 1867

1867. Department.
No

PROCEEDINGS OF THE BOARD OF REVENUE.

Dated 17th September 1867.

No 5,950.

Submitting with remarks for the information of Government, report from the Collector of Malabar, on the works executed during 1866-67 from Imperial Fund.

No. 639
e. 23 & 4th/67 R. 23

e. 2993-26th Sept. 1867

Pub: Works 1867 Depart.

Pro: of Govt: for Septr.

No. 2993

Pro: of the Madras Govt.

Dy. 26th September 1867.

Communicating to the Supg Engr. of the 4th Division and to Captain Kennedy with remarks, the Pro: of the Board of Revenue on the Collector's report on Pr. in the Malabar District for 1866/67.

No. 639-640

R. 23rd Septr/67. Rd-2 3d