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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1661 (14)

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Dated 15-11-1877.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

15th November 1877, No. 1,661 W.

General

Establishment.

Read the following paper :—

No. 153. Proceedings of the Board of Revenue, dated 26th October 1877, No. 4,855.

Read the following letter from W. H. COMYN, Esq., Acting Collector of South Canara, to C. A. GALTON, Esq., Acting Secretary to the Board of Revenue, dated Mangalore, 17th July 1877, No. 1,236 :—

I HAVE the honor to submit my annual report on the operations of the Public Works Department in this district during the past official year 1876-77.

2. A statement* showing the progress of Public Works in the district, together with a list † of all original works the estimates for which exceed Rupees 1,000, and all repairs the estimates for which exceed Rupees 2,500, is enclosed.

* Enclosure I.
† Do. II.

3. *Imperial* (1).—The only original work under this head executed during the year under review was the construction of a rifle range at Mangalore for the use of the Military at this station, the estimate for which amounted to Rupees 1,030. A sum of Rupees 919 out of the allotment of Rupees 942 was expended during the year, and the work completed with the exception of plastering the butts and forming the segments thereof.

Repairs.—Under this head Rupees 615 were laid out on monsoon and other petty repairs to Military buildings, the estimated cost of which was less than 200 Rupees each.

4. *Provincial* (2).—As shown in the margin the outlay on Provincial works amounted to Rupees 17,337 against Rupees 20,753 incurred in the previous year, and was restricted to Civil Buildings, with the exception of Rupees 1,450 paid to the Municipality of Mangalore on account of Government contribution towards the expenses incurred by that body on the construction of a masonry bridge at Bolar, situated within the limits of the Municipality.

5. The amount originally sanctioned for Provincial works was Rupees 6,656, which was subsequently increased to Rupees 15,463, out of which a sum of Rupees 14,532 was allotted for expenditure by the Public Works Department, and the remainder (Rupees 931) placed at the disposal of the Revenue Department to meet the expenditure attending the execution of the annual monsoon repairs to Revenue buildings.

6. *Communications*.—With the exception of Rupees 1,450, being the amount of contribution made to the Municipality and alluded to in paragraph 4, no outlay was

Year.	Allotment. RS.	Expenditure. RS.
1875-76	20,282	20,753
1876-77	15,463	17,337

incurred on account of communications under the head Provincial, the cost of construction, repair, and maintenance of all roads and other communications being borne by Local Funds.

7. *Buildings, Original Works.*—A sum of Rupees 13,741 was laid out on new works, of which the following require notice:—

- (1). *Renewing the roof of the Sub-Court house at Mangalore.*—This work, which was commenced in the preceding year under an estimate of Rupees 2,960, was completed at a total cost of Rupees 3,024, of which Rupees 656 were expended during the year under report.
- (2). *Renewing the roof of the District Jail at Mangalore.*—In the report for the official year 1875-76 this work was entered under the head "Repairs;" but now it has been treated as an original work, the same having been transferred to the latter head by the District Engineer under instructions from the Examiner of Public Works Accounts. The expenditure incurred on the work during the year was Rupees 9,934, which, together with that incurred up to the end of the previous year, amounted to Rupees 14,953. The work is in progress.
- (3). Among the minor works executed during the year under report, those that deserve notice are: (1) the construction of a school-house for the use of Police Constables, and (2) enlarging the Deputy Tahsildar's Cutcherry at Hosdroog to provide accommodation for the Sub-Registrar of that station, both of which were completed during the year; the former at a cost of Rupees 1,087, or Rupees 107 in excess of the estimate, and the latter (commenced in the preceding year) at a total outlay of Rupees 717, which is within the amount of the sanctioned estimate.

8. *Repairs.*—The total outlay incurred on repairs amounted to Rupees 2,146, of which a sum of Rupees 791 was spent by the Revenue Department on account of white-washing and monsoon repairs to Revenue buildings, and the rest was expended by the Public Works Department on repairs to certain public buildings which were all of a petty nature.

9. *Local Funds* (3).—Subjoined is a statement showing the allotment, expenditure, and unutilized balance under the several heads, viz., Communications, Education, and Sanitary and Miscellaneous.

	Allotment.	EXPENDITURE			Balance.
		By Public Works Department.	By Other Agency.	Total.	
	RS.	RS.	RS.	RS.	RS.
Communications	1,10,078	77,655	10,148	87,803	22,275
Education	2,999	2,269	372	2,641	358
Sanitary and Miscellaneous ...	14,850	1,714	3,261	4,975	9,875
Total ...	1,27,927	81,638	13,781	95,419	32,508

10. As shown in the above statement, the funds available for Local Fund Works which constitute by far the greatest portion of the operations of the Public Works Department in the district amounted to Rupees 1,27,927, of which Rupees 95,419 or 74.6 per cent. of the allotment was expended during the year, leaving Rupees 32,508 or 25.4 per cent. unutilized at the end of the year. The unexpended balance is considerable; the short expenditure however appears to be due to causes beyond the control of the establishment, the same being attributable in a great measure to the unfavorable character of the season and the prevalence of small-pox and other diseases in the district in consequence of which labor was disorganized, and it was impossible for a time to carry on some of the works.

11. *Communications, Original Works.*—The following are the principal new works executed during the year:—

MANGALORE RANGE.

- (1). Construction of a road from Collur Ghaut to Benhatti, which was commenced two years ago under a sanctioned estimate of Rupees 11,240. This was finished during the year under review at a total outlay of Rupees 9,590, of which not less than two-thirds had been spent in previous years, the savings effected in the amount of estimate being Rupees 1,649. The District Engineer has brought to notice that the bridge site fixed by the Mysore authorities requires an additional piece of road to be added to the estimate, and it has been proposed to execute this additional work which has been already commenced by means of the savings above referred to, for the utilization of which the necessary sanction of the Board has been requested.
 - (2). Construction of an iron lattice girder bridge across the Feringepet river on road No. 1 from Mangalore to the Mysore frontier. The sum expended on this work during the year was Rupees 5,654, which together with the expenditure incurred in the previous year amounted to Rupees 7,874. The work remains unfinished, the reasons assigned by the District Engineer for its non-completion being the continual breaches of contract on the part of stone-cutters, and also the non-receipt of iron works from the Public Works Workshops and Stores, for which it appears an indent was submitted in November 1875.
 - (3). Construction of a masonry bridge of two arches, each 30 feet span, across the Bermakatlu stream on road No. 1 from Mangalore to the Mysore frontier. Estimate Rupees 8,500.
 - (4). Construction of a single arched masonry bridge of 30 feet span across the Chantimar stream on the Kodial Ghaut road No. 4 via Charmady to Bantwal. Estimate Rupees 5,000.
- The outlay incurred on bridges Nos. 3 and 4 up to the end of the year under report amounted to Rupees 6,167 and 4,054 respectively. Both were unfinished at the end of the year owing it appears to the difficulty experienced in getting stone-cutters and coolies in consequence of the prevalence of small-pox in the locality; but the District Engineer states that the latter work has since been completed and the former, which is in fast progress, will soon be finished.

PUTTUR RANGE.

- (1). Metalling road No. 1 from Mangalore to Mysore frontier by the Sampaga Ghaut. Estimate Rupees 27,250. The allotment, amounting to Rupees 5,000, made for the work was fully worked out during the year, and the total expenditure incurred on the work up to the end of the year amounted to Rupees 20,216, leaving Rupees 7,034 as balance of the amount of estimate. The extent of road metalled up to the end of the year was 25 miles 4 furlongs and 154 yards.
- (2). Metalling road No. 2 from Manzerabad Ghaut to Manee via Upperangadi. Estimate Rupees 23,100. The portion of this road metalled up to the end of the official year under report was 20 miles 6 furlongs and 172 yards, the total outlay incurred thereon being Rupees 15,794, of which Rupees 2,556 were expended during the year. The balance of estimate to be worked out hereafter is therefore Rupees 7,306.
- (3). Improvements to road No. 2 from Manzerabad Ghaut to Manee via Upperangadi. Estimate Rupees 9,850. Very little was done towards the execution of this work, as the allotment originally sanctioned for the same was for some time withheld pending

the re-adjustment of the bridge allotments owing to the withdrawal of the contribution from Provincial Funds, and the re-allotment was not made till late in the year.

(4). Construction of an iron lattice girder bridge of 35 feet span over the Benglar stream on road No. 2 from Manzerabad Ghaut to Mance via Upperangadi. Estimate Rupees 5,700, of which Rupees 5,254 were expended up to the end of the year under report. The work could not be finished within the year, as, owing to the prevalence of small-pox, stone-cutters and coolies employed on the work deserted at a stage when the structure had almost reached its completion.

(5). Construction of an iron lattice girder bridge across the Babbinally stream on road No. 2 from Manzerabad Ghaut to Mance via Upperangadi. Estimate Rupees 19,150. The allotment originally sanctioned for this work was Rupees 10,000; but as there was no chance of getting ready within the year the iron work required for the structure, a transfer of Rupees 8,000 was made to other works from the above allotment and the work commenced late in the year, in consequence of which the progress made was very limited, the expenditure incurred on the work being only Rupees 380.

12. *Repairs.*—The expenditure incurred on repairs to roads and other communications in the district was Rupees 61,749 or Rupees 2,031 less than the allotment, the difference consisting for the most part of the amount of savings effected in allotments made on individual works.

13. During the year under report 778½ miles of road were kept in repair at a cost of Rupees 52,563, which gives an average of Rupees 68 per mile against Rs. 70 in the preceding year, the mileage repaired in the latter year being 794½.

14. As far as my experience goes the roads were kept in as good order as the dry season would allow. Owing to the early cessation of the rains and the long drought which followed a thorough state of repair was not in all cases possible, and some of the roads were very much cut up by increased traffic above the ghauts.

15. *Educational.*—The only educational works executed during the year were the construction of a school-house at Puttur and another at Ullal. The latter work was completed during the year for Rupees 284, and the former which was commenced in the preceding year under a sanctioned estimate of Rupees 3,100 was also nearly finished, the expenditure incurred thereon during the year being Rupees 2,270.

16. *Sanitary and Miscellaneous.*—A sum of Rupees 4,975 was laid out on works under this head, of which the following are of some importance:—

(1). Construction of a Civil Dispensary at Karkal.

(2). Do. of a Chutrum at Someshwar.

(3). Do. do. at Guruvainakere.

17. These works which were commenced in the preceding year were with the exception of the first completed during the year. The cause of the non-completion of the dispensary building at Karkal appears to be that the work was suspended for some time when the estimate for the same was under revision.

18. A sum of Rupees 4,835 was allotted for the construction of a Civil Dispensary at Buntwal; but the work could not be taken in hand during the year, owing to the non-settlement of the question of the site proposed for the building.

ENCLOSURES Nos. 1 and 2.—Statements.

SUBMITTED to Government.

2. The Board observe that Provincial Funds were fully utilized, the expenditure being in excess of the allotment by 12 per cent. The Local Fund outlay was not so satisfactory; the expenditure was only 75 per cent. of the grant under all heads,

and under New Works, Communications, only 56 per cent. of the allotment was expended. The cause of this short outlay is explained at paragraph 10 to be due to the unfavorable character of the season and to the prevalence of small-pox and other diseases in consequence of which laborers were not procurable. It is hoped that better results will be shown this year.

(A true Copy and Extract.)

(Signed) C. A. GALTON,
Sub-Secretary.

No. 154. ORDER THEREON, 15th-November 1877, No. 1,661 W.

COMMUNICATED to the District Engineer, South Canara.

(True Extract.)

Colonel., R.E.,
Secretary to Government, P.W.D.

To the District Engineer, South Canara.

Exd. E. C. Shunker.
Spare Copies

General

1877

Board of Revenue,
MADRAS.

PROCEEDINGS, 26TH OCTOBER 1877, No. 4,855.

Returned 23-11-77

Deputy Secy

Received

OCTOBER.
No. 4,855.

Public Works Department—of South Canara District.—Submitting to Government Collector's report on the operations of — during 1876-77.

No 16618 of 15th Nov

Forwarded to
the D.C. South
Canara.

21/11

D.C. South Canara

Depd 21-11-77

46152 Nov 22 1877

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Pubt. of {1877} Index.

PUBLIC WORKS.

To
The N. B. South Canada

Dated *100* *16*

Issued

Recd. Encl.

G. O., 15th Nov 1877, No. 1667 W

NCS. 153-154

Public Works in South
Carolina Dr. - Reps R of R
submitting Collectors Reps
in progress of - during
1876-77. Compared to the Dr.

But. in Rep.