

(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. 1590 (W) Press
Mis.

Dated 10-11-1877.

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GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

10th November 1877, No. 1,590 W.

General.
Establishment.

Read the following paper:—

No. 108. Proceedings of the Board of Revenue, dated 11th October 1877, No. 4,706.

Read the following letter from W. McQUHAE, Esq., Collector of Madura, to C. A. GALTON, Esq., Acting Secretary to the Board of Revenue, dated 13th July 1877, No. 451:—

I HAVE the honor to submit the usual annual report on the progress of Public Works in the district of Madura during 1876-77 with the statements prescribed.

2. The total outlay on Public Works during the year under review from Imperial and Provincial Funds is Rupees 1,10,530 or Rupees 9,450 more than the previous year's outlay. This small increase is the result of a net increase of Rupees 16,025 under the Provincial

	Imperial.	Provincial.	Short Expenditure.
Irrigation—Repairs	...	...	Rs. 6,513
Civil Buildings—New Works	...	...	Rs. 1,540
Buildings—New Works	...	...	Rs. 4,034

the revised allotments is 90 against 89 last year. The short expenditure occurs chiefly under the items noted in the margin. The short expenditure under Irrigation Repairs is spread over a great many works, and is also due to the fact that sundry small grants for the year for about twenty works were not utilized at all. That under Civil Buildings, New Works is owing to certain salt works provided for under Petty Construction and Repairs and entered in the original programme of expenditure for the year having been subsequently abandoned with reference to Board's Proceedings, No. 2,636, dated 23rd October 1876. The short expenditure under Buildings, New Works—Provincial is chiefly in the following works: viz., restoring Tirumal Naick's Palace and the construction of the Taluq Cutcherry at Pulni and of certain Police station-houses.

3. IMPERIAL, IRRIGATION—New Works.—A sum of Rupees 6,783 was spent under this head against Rupees 3,479 in the previous year and an allotment of Rupees 7,092 for the year under report. The increase in the expenditure is Rupees 3,304. Nearly the whole of the expenditure was in connection with the improvement of existing irrigation works by the construction of calingulahs and sluices to tanks, of anicuts across supplying channels, and of tunnels under existing roads. A list of the important irrigation new works executed during the year is subjoined:—

	RS.
Constructing a calingulah in Pothumbu Keela Commoy tank	750
Do. a calingulah in the Periakolam tank of Tenkarai	580
Do. a sluice in Kurayoor tank	443
Excavating a new surplus channel for drainage of water from Annapa-pangolam	463

4. Repairs.—The expenditure under this head is Rs. 40,895 or Rs. 6,418 less than that of the previous year. One hundred and eighty-four irrigation works, such as tanks, channels, &c., received attention during the year; nine of these are works the estimated cost of which exceeds Rupees 2,500. The repairs in the

case of 174 of these works were completed during the year. Irrigation works which were repaired out of Famine Relief Funds during the year are not included in this report. A list of the important works on which there was a considerable expenditure and which are not included in the statement herewith submitted is appended:—

	Rs.
Repairing Kulputty tank and channel	1,080
Do. the bund in Sovarecottai tank	993
Do. Athikarikolam tank	740
Do. Chinthamony tank	1,905
Do. bund and sluice in Parambai Commoy tank	601
Do. damaged portion of Kurayoor tank and channel	552
Do. Vunnampetty channel supplied by Manjalar river	609

5. **COMMUNICATION—Repairs.**—The small expenditure of Rupees 59-11-9 incurred under this head in the Revenue Department is in connection with the maintenance and repairs of certain branch salt roads at Muttaregunadapatam, Vyavanadapatam, and Vattanam.

6. **CIVIL BUILDINGS—New Works.**—A sum of Rupees 350 was spent by the Public Works Department during the year to complete the Post Office at Ramnad. The sum of Rupees 2,500 spent by the Revenue Department was in connection with the construction of eighteen Police huts at Muttaregunadapatam Salt Station.

7. **Repairs.**—The Public Works Department incurred no expenditure on the repairs of Imperial Buildings; the sum of Rupees 1,160 expended by the Revenue Department was for the repair and maintenance of salt works, such as repairing Cutcherries of the Salt Superintendents, platforms, compound walls, Police huts, &c.

8. **PROVINCIAL COMMUNICATIONS—New Works.**—The expenditure under this head was Rupees 24,853, and it was incurred on the following works: viz., deepening the Paumben Channel, constructing new Goodalur Ghaut and the road from its foot to Goodalur, opening ghaut from Kodakanal to Neutral Saddle, and tracing and opening to Bridle-path. The first work has been completed during the year.

9. **Repairs.**—The expenditure under this head is Rupees 7,067 which falls short of that of the previous year by Rupees 1,187. The money was spent on the maintenance of the sand bank channel at Paumben and of the roads from Goodalur Ghaut to Travancore frontier and from the foot of the ghaut to Goodalur.

10. **BUILDINGS—New Works.**—The total outlay under this head during the year under report was Rupees 21,075 which is less than the allotment by Rupees 4,034 and nearly equal to the outlay of the previous year. The principal Provincial buildings that received attention during the year were the Tirumal Naick's Palace, the Racket Court at Madura, the Taluq Cutcherries at Periakolum and Pulni, and certain Police huts and stations. The Racket Court was completed during the year and the Pulni and Periakolum Taluq Cutcherries were still incomplete at the end of the year.

11. **Repairs.**—The amount spent on repairs was Rupees 5,787 which fell short of the allotment only by Rupees 266 and exceeded the previous year's outlay by Rupees 3,150. Several Police stations, Deputy Tahsildar's Cutcherries, the Collector's and Sub-Collector's offices, and some other buildings were repaired during the year. The buildings on which any considerable amount of money was spent are noted below:—

	Rs.
Dindigul Taluq Cutcherry and Subsidiary Jail	960
Dindigul District Munsif's Court	994
Sub-Collector's Cutcherry, dwelling-house, and out-buildings	708
Taluq Cutcherry at Tirumangalam	600
Collector's Cutcherry at Madura	307
Civil Court Record-room, Tirumal Naick's Palace	291
Sub-Magistrate's Cutcherry at Ramnad	315
Rethatching Government House at Paumben	210
Dindigul Range Office	464

12. **LOCAL FUNDS.**—The total expenditure on Public Works was during the year Rupees 2,36,183 against an allotment of Rupees 2,83,608 and an expenditure of Rupees 2,53,117 in the previous year. There is thus a decrease of Rupees 16,934 in the expenditure. The Public Works Department have been able to work out 83.8 per cent. of the allotment. The corresponding percentage for the last year was 80, and there has therefore been some improvement during the year under review in the utilization of the allotment by the Public Works Department. The percentage of expenditure to allotment in the Revenue Department was 77.3. The Revenue Department spent in the year under report Rupees 20,329 against Rupees 3,930 in 1875-76.

13. **COMMUNICATION—New Works.**—The expenditure under this head was Rupees 89,584 in the Public Works Department and Rupees 3,050 in the Revenue Department against Rupees 1,15,370 and 526 respectively in the previous year. 22½ miles of roads were newly constructed during the year. The sum of Rupees 3,050 spent in the Revenue Department was for the construction of tunnels on the road from Shevagingah to Tiruppattori. The work was done in the Public Works Department, but the money was drawn by the Revenue from that department and disbursed to the Contractor of the work. The expenditure by the Public Works Department was on the roads from Madura to Ramnad, Madura to Sayelgudi, Kariaputty to Pandalgudi, Madura to Allinagaram, and Pulni to Darapuram, &c.

14. **Repairs.**—The total expenditure under this head was during the year Rupees 1,09,737 against Rupees 1,11,772 during 1875-76. The sum of Rupees 2,000 spent by "Other Agency" was laid out on the maintenance of the road from Madura to Veraloor on the repair of the Race-course out of the Madura Town and on the maintenance of the Pulni Hill road and of the road from Periakolum to Kodakanal. Out of the expenditure incurred by the Public Works Department under this head Rupees 5,940 were spent on repairing the town roads at Ramnad and the damages caused by heavy rains on the road from Tirumangalam to Strivilliputtur, on sundry repairs to some other roads, and on some petty masonry works. The balance (Rupees 1,01,797) was devoted to the maintenance of existing roads.

15. **SANITARY AND MISCELLANEOUS—New Works.**—A sum of Rupees 12,110 was spent under this head during the year. The expenditure fell short of that of the year previous by Rupees 2,091. The principal works on which there was outlay are the dispensaries at Tiruchuly, Periakolum, and Uttamapaliem, the Travellers' Bungalow at Ammainaickenur, the granary at Narikudi Chuttram, and the Medical subordinate's quarters at Tiruchuly and Uttamapaliem. All these have been completed with the exception of the dispensary and the medical officer's quarters at Uttamapaliem which are under progress.

16. **Repairs.**—Under this head there is a total expenditure of Rupees 21,702 against Rupees 11,248 in the year previous. The sum of Rupees 7,002 spent by the Public Works Department was in connection with the maintenance of avenues (Rupees 3,216), the repair of the chuttram at Sholavandan (Rupees 1,298) which has been completed, and certain sundry repairs executed to existing chuttrams and tanks and wells. It will be observed that the amount spent by "Other Agency" under this head is Rupees 14,700 against Rupees 929 during 1875-76. Out of this Rupees 5,730 were spent on the maintenance of avenues, the repairs of the bandy-pettahs at Melur, Tiruppattur, and Singampunari, and of certain Local Fund Chuttrams at Tirumangalam, Kilangolam, and Melur. The balance of Rs. 8,970 were spent by the Revenue Department in repairing and cleansing tanks and wells. Owing to scarcity of water in villages large sums of money were allotted from the Local Funds for the improvement of the water-supply and placed at the disposal of Revenue officers.

17. The progress and condition of the Local Fund Works are noticed in detail in the Local Fund Reports which have already been submitted to the Board of Revenue.

ENCLOSURES Nos. 1 and 2.—Statements.

THE following table compares expenditure with allotments generally. The Board observe that the outlay on Local Fund Works has improved:—

Headings.	Allotment.	Expenditure.	Percentage.
<i>Imperial.</i>			
Irrigation {New Works	RS. 7,092	RS. 6,783	95.6
... .. {Repairs	47,408	40,895	86.2
Communications {New Works	...	...	...
... .. {Repairs	300	60	20.0
Civil Buildings {New Works	4,040	2,850	75.4
... .. {Repairs	65	1,160	1,784.6
Salt Works not included in any of the above heads ... {New Works	...	...	...
... .. {Repairs	...	...	...
Total ...	58,905	51,748	87.8
<i>Provincial.</i>			
Communications {New Works	24,540	24,853	101.3
... .. {Repairs	7,760	7,067	91.1
Buildings {New Works	25,109	21,075	83.9
... .. {Repairs	6,053	5,787	95.6
Total ...	53,462	58,782	92.6
<i>Local Funds.</i>			
Communications {New Works	1,12,986	92,634	81.9
... .. {Repairs	1,18,420	1,09,737	92.7
Educational {New Works	...	...	...
... .. {Repairs	...	...	...
Sanitary and Miscellaneous {New Works	20,147	12,110	60.1
... .. {Repairs	52,055	21,702	67.7
Total ...	2,83,608	2,36,183	90.3
Grand Total ...	4,05,975	3,46,713	85.4

2. The amount spent on agricultural repairs was Rupees 40,895 against Rupees 47,343 in 1875-76.

3. The following statement shows the relative amounts spent by the Public Works Department and the Revenue Department:—

Budget.	Spent by P.W.D.	Spent by Other Agency.	PERCENTAGE.	
			P.W.D.	Other Agency.
Imperial	RS. 48,028	RS. 3,720	92.8	7.2
Provincial	58,782	...	100.0	...
Local Funds	2,15,854	20,329	91.4	8.6

(A true Copy and Extract.)

(Signed) C. MACLEAN,
Additional Sub-Secretary.

No. 109.

ORDER THEREON, 10th November 1877, No. 1,590 W.

COMMUNICATED to the District Engineer, Madura.

(True Extract.)

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

To the District Engineer, Madura.
" Chief Engineer for Irrigation.

Exd. E. C. Shunker.
Spare Copies

1877
Board of Revenue,
MADRAS.

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15/10/77*
W. H. Linn
Comm. to
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PROCEEDINGS, 11TH OCTOBER 1877, No. 4,706.

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OCTOBER.

No. 4,706.

Progress of Public Works—in Madras District during 1876-77.—Reviewing Collector's report on —.

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Govt. of 1877 Madras.
PUBLIC WORKS.

To: *Mr D. B. Chedura*

Dated

Issued

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Encl.

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G. O., 10 Nov 1877, No. 15906

Nos. 108-109

*Public Works in Madras
District Proceedings of the
Board of Revenue reviewing
Collector's report on progress
of — during 1876-77, Comd
to the Dyce.*

Sent in P.O.