

- (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.	125	(W)	Press ~~Mix~~
Dated	17-10-	1977.	

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

19th October 1877, No. 1,125 W.

Buildings and Roads.

Civil Works

Read the following paper :—

No. 194. Proceedings of the Board of Revenue, dated 14th September 1877, No. 4,284.

From J. B. PENNINGTON, Esq., Collector of Tinnevely, to C. A. GALTON, Esq., Acting Secretary to the Board of Revenue, dated Courtallam, 4th August 1877, No. 522.

I HAVE the honor to submit my report on the progress of Public Works in this district for 1876-77 with the statements prepared in the forms prescribed in the Board's Circular Memorandum, No. 2,044, dated the 7th December 1875.

2. The principal irrigation works and buildings, the estimates for which exceed Rupees 2,500, carried out during the year are as follow :—

STRIVAIKUNTAM ANICUT PROJECT.—Rupees 11,820 was allotted to this work, of which a sum of Rupees 30,530 was expended, leaving a balance of Rupees 1,290.

REVENUE MAINTENANCE AND REPAIRS.—The allotment under this head was Rupees 14,500, the outlay Rupees 11,728, and the balance Rupees 2,772. The principal works are the Yeral syphon sluice, the supplying channel of Korkai tank, and Annanparam tank, and the expenditure on these three works was Rupees 2,968.

In all thirty-six estimates were worked on, and all but two were completed.

3. ORDINARY AGRICULTURAL—*Original Works*.—Under this head the total grant was Rupees 20,272 and the expenditure Rupees 17,960.

The principal works carried out were the head sluices of (1) Nadiyunni, (2) Kodagan, (3) Palayan, (4) Tinnevely, and (5) Murudur channels, the expenditure on these works in 1876-77 having been Rupees 17,960. Of the five works mentioned, the head sluices to the Nadiyunni and Murudur channels have been fully completed, and the rest are complete, except a small portion on the flood banks, &c.

4. ORDINARY AGRICULTURAL—*Minor New Works*.—The allotment under this head was Rupees 17,000 and the outlay Rupees 14,439, leaving a balance of Rupees 2,561.

5. The number of works carried out during the year was sixty-six, of which the principal work is the construction of an escape in Tenkarai tank, which has been completed at a cost of Rupees 2,949.

6. ORDINARY AGRICULTURAL—*Repairs*.—Under this head the number of works carried out during the year was 241, and the principal of them completed or under progress are the following :—

- | | |
|---------------------------------------|-------------------------------------|
| 1. Kollangordan Periakulam. | 9. Chuttram Pudukulam weir. |
| 2. Livaneri tank and channel. | 10. Velur tank bund. |
| 3. Ellangulam tank. | 11. Kannadiyan channel. |
| 4. Tenkarai Periakulam. | 12. Sundrapandian tank. |
| 5. Breaches in Tambapurni river bund. | 13. Kilapavur Periakulam. |
| 6. Kodayan channel. | 14. Nambineri tank. |
| 7. Palayan channel. | 15. Tirukarangudi tank and channel. |
| 8. Tinnevely channel. | 16. Tamarakulam tank. |

7. The expenditure on the above sixteen works was Rupees 22,246.
8. **PROVINCIAL CIVIL BUILDINGS—Original Works.**—The grant under this head was Rupees 10,789, against which Rupees 10,977 was spent.
9. The principal works carried out this year are the new jail at Palamcottah and the Range Officer's office and bungalow at Sheradevi; the latter has been fully completed.
10. The expenditure on these two works was Rupees 6,934.
11. The Minor Works below 2,500 Rupees carried out during the year are Police Constables' huts at Sattur, Vizayapati and Kuthanguli, and station-houses at Vembakattai and Manur, all of which have been reported completed.
12. The Constables' huts at Radapuram and station-house at Murappanad, both sanctioned late in the year, are under construction; the grants are fully utilized.
13. The Local Fund Works of importance carried out by the Public Works Department during the year under report are the following.
14. **ORIGINAL WORKS—Roads No. 2.**—*Ottapiduram to Vypar.*—Estimate Rupees 78,000; allotment was Rupees 1,320; expenditure in the year Rupees 1,388 and that up to the end of the year Rupees 56,744. For the allotment three-fourths of a mile of road between Kulattur and Vypar has been made, being all that could be done for the money.
15. *Road No. 4—Lakshmaratene to Nallur.*—*Improving and Metalling.*—Estimate Rupees 15,500; allotment Rupees 10,500; expenditure in the year Rupees 10,499 and that up to the end of the year Rupees 11,499. The whole allotment was spent on $4\frac{1}{4}$ miles of road, which, with the previous year's works, makes $4\frac{3}{4}$ miles of road in all now completed.
16. *Road No. 8—Tinnevely to Rajapalayam via Sankaramankovil.*—Estimate Rupees 70,900; allotment Rupees 19,000; expenditure in the year Rupees 17,722 and that up to the end of the year Rupees 49,465.
17. The short expenditure on this road was caused by the difficulty of procuring water for the rolling of the road when materials have been supplied.
18. In the Tinnevely Division 3 miles have been completed during the year, two bridges enlarged and one built; 6 miles in all are now complete in this division, and materials are ready for 3 miles more, while earth and masonry works are complete up to $10\frac{1}{4}$ miles from Tinnevely.
19. In the northern division, 5 miles have been metalled, materials collected for 5 miles more, three culverts and five road dams have been built during the year. In all 7 miles of road in the northern division are complete.
20. *Road No. 8-D—Tinnevely to Tiruvendikulam via Sankaramankovil.*—Estimate Rupees 7,120; allotment Rupees 1,510; expenditure in the year Rupees 1,397 and that up to the end of the year Rupees 7,120. This road is $3\frac{1}{2}$ miles in length and is completed.
21. *Road No. 23—Srivilliputhur to Arumugamungalam.*—Estimate Rupees 26,500; allotment Rupees 600; expenditure in the year Rupees 499 and that up to the end of the year Rupees 26,399. Except the gravelling of a small portion near Perungulam surplus channel bank, the road is complete. The work is deferred till the improvements to the channel bank are executed.
22. *Road No. 21—Vypar to Sattur.*—Estimate Rupees 1,32,000; allotment Rupees 1,830; expenditure in the year Rupees 1,735 and that up to the end of the year Rupees 28,348. The allotment was spent in constructing one culvert and eight road dams and in completing $1\frac{1}{2}$ miles of road. Earth and masonry works are complete for a further distance of 2 miles.
23. *Road No. 27-A—Kulattur to Vilattikulam.*—Estimate Rupees 39,200; allotment Rupees 1,000; expenditure in the year Rupees 999 and that up to the

end of the year Rupees 29,828. The allotment was spent in metalling 570 lineal yards of the road; $2\frac{1}{2}$ miles remain unmetalled.

24. *Road No. 16—Ambasamudram to Panagudi.*—Estimate Rupees 9,000; allotment Rupees 1,132; expenditure in the year Rupees 1,132 and that up to the end of the year Rupees 9,000. This road is quite complete with the serious exception of two bridges.

25. *Road from Wattrap to Kammappathi.*—Estimate Rupees 4,500; allotment Rupees 150; expenditure in the year Rupees 150 and that up to the end of the year Rupees 4,500. This road also is complete.

26. *Repairs.*—The condition of the roads maintained during the year remains much the same as last year, the maintenance being no more than enough to keep the roads passable.

27. The northern part of Madura road is in better condition, but this improvement is due to the immense diminution of traffic by road caused by the opening of the Railway.

28. **LOCAL FUND BUILDINGS—Original Works—New Chuttram at Tirukarangudi.**—Estimate Rupees 12,000; allotment Rupees 6,000; expenditure Rupees 5,209 and that up to the end of the year Rupees 10,872. This work is nearly completed.

29. The following are the works of importance carried out by the Revenue Department during the year.

30. *Original Works—Road No. 9-D—Ambasamudram to Panagudi.*—Estimate Rupees 4,340; allotment Rupees 1,930; expenditure 1,930 and that up to the end of the year Rupees 1,930. This road is incomplete.

31. *Road No. 7-A—Athiyattu to Surandai branch.*—Estimate Rupees 18,140; allotment Rupees 2,140; expenditure Rupees 200 and that up to the end of the year Rupees 15,187. This road is also incomplete.

32. *Repairs—Road No. I.—Palamcottah to Madura via Sattur.*—Allotment Rupees 10,038; expenditure Rupees 10,112. This road is complete.

33. The total number of Original Works carried out by the Revenue Department is thirty-four, out of which the above-mentioned two works, whose estimates exceed Rupees 1,000, are incomplete, and the rest, whose expenditure amounts in the aggregate to Rupees 8,336, are complete.

34. As regards the repairs, forty-six works were carried out by the Revenue Department, and all of them were completed.

35. The estimates of all these works, with the exception of one estimate which amounts to Rupees 10,038, do not exceed each 2,500 Rupees.

36. Rupees 3,556 were spent on Sanitary and Miscellaneous Works, of which Rupees 3,067 were laid on avenues on two roads, whose estimates exceed Rupees 2,500 and Rupees 489 on Minor Works.

37. The District Engineer in paragraph 12 of his report remarks that the result of Tahsildars having charge of several roads during the year has been that most of them are worse than before.

38. I have not been long enough in the district to judge as to the fairness of this criticism, but I must admit I have been disappointed with the condition of the roads with one or two exceptions; and both the Local Fund Circles are now considering the propriety of handing over all road work to the professional department again, as it is found that the present half-and-half system does not work at all well or smoothly; and personally I am no advocate for Tahsildars being saddled with work for which they have generally neither time nor ability.

The following statement shows the allotment and expenditure generally under the three Budgets for 1876-77 :—

Heading.	Allotment.	Expenditure.	Percentage.
<i>Imperial.</i>			
Irrigation	{ New Works	72,033	65,485 90.9
	{ Repair	87,520	82,219 93.9
Total ...	1,59,553	1,47,704	92.6
<i>Provincial.</i>			
* Buildings... ..	{ New Works	11,044	11,231 *101.7
	{ Repairs	2,528	2,069 81.8
Total ...	13,572	13,300	97.9
<i>Local Funds.</i>			
Communications ...	{ New Works	56,600	52,420 92.6
	{ Repairs	99,548	98,325 98.8
Sanitary and Miscellaneous.	{ New Works	6,323	5,532 87.5
	{ Repairs	6,600	5,375 81.4
Total	{ New Works	62,923	57,952 92.1
	{ Repairs	1,06,148	1,03,700 90.8
Grand Total ...	3,42,196	3,22,657	94.3

* Includes also Police Buildings.

2. The amount spent on Agricultural Repairs was as follows for this year and last :—

	RS.
1875-76	1,08,404
1876-77... .. .	82,220

3. The following figures show the relative amounts spent by the Professional and Revenue Departments :—

<i>Imperial.</i>			
Public Works Department	RS.	A.	P.
	1,47,703	14	1
<i>Provincial.</i>			
Public Works Department	13,300	13	8
<i>Local Funds.</i>			
Public Works Department	RS.	A.	P.
	1,26,828	2	6
Revenue	34,823	13	10
Total ...	1,61,652	0	4
<i>Total for three Budgets.</i>			
Public Works Department	RS.	A.	P.
	2,87,832	14	3
Revenue	34,823	13	10
Grand Total ...	3,22,656	12	1

4. The Board agree with the Collector's remarks at the close of his report.

(A true Copy and Extract.)

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

No. 195. ORDER THEREON, 19th October 1877, No. 1,125 W.
COMMUNICATED to the District Engineer, Tinnevely.
(True Extract.)

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

To the District Engineer, Tinnevely, with Statement
„ Chief Engineer for Irrigation.
„ Examiner of Public Works Accounts.

Edw. A. Grubert.
Spare Copies

1877.

Board of Revenue
MADRAS.

PROCEEDINGS, 14TH SEPT. 1877, No. 4284.

Encl. 1

Received

SEPTEMBER.

No. 4284.

Public Works in Tinnevely District.—Review-
ing Collector's report on progress of — for
1876-77.

To 112nd of 19th Oct 77.
Sir,
The District Engineer
Trichy.

8/10/10

4019: Oct 19, 1877

D. S. Finance Dept. Secy
Ch. Secy
1877

Dec 10 28/

Govt. of 1877: 311-2

PUBLIC WORKS.

To

A. S. Tannenbly

By

For

Per

Per

1904

Nos. 194
195

Public Works, Tannenbly &

No. of the 1877-80 re-
ceiving (Tannenbly's report
on property of - from
1876-77, Com. to the
Superintendent

1
C. S. Tannenbly
ag. 10-77