

*Proceedings of the Madras Government, Public Works Department,
15th December 1874.*

No. 299. Read the following Proceedings of the Board of Revenue, dated
24th November 1874, No. 3,375:—

ABSTRACT.—*Public Works*—in South Arcot District.—Collector's report on —
for 1872-73 and 1873-74, submitted to Government with remarks.

No. 300. ORDER THEREON, 15th December 1874, No. 3,524.

ESTABLISHMENT, No. 21.

COMMUNICATED to the District Engineer,
South Arcot.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, South Arcot, *Bd's Rep.*

Exd. E. C. Shunker,
Spare Copies

PROCEEDINGS OF THE BOARD OF REVENUE, dated 24th November 1874.

Read the following letters:—

From H. E. SULLIVAN, Esq., Acting Collector of South Arcot, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Cuddalore, 4th August 1873, No. 277.

I HAVE the honor to submit my Report on the Imperial and Provincial Public Works executed during the official year 1872-73.

2. Annexed is a statement showing the expenditure on New Works and Repairs during the year compared with that in the previous year:—

Items.	Expendi- ture in 1871-72.	Expendi- ture in 1872-73.	COMPARISON.	
			Increase.	Decrease.
<i>New Works.</i>				
	RS.	RS.	RS.	RS.
Irrigation	51,818	71,953	20,135	...
Communications	...	5,000	5,000	...
Buildings	2,316	10,950	8,634	...
Total..	54,134	87,903	33,769	...
<i>Repairs.</i>				
Irrigation	1,01,682	1,18,926	17,244	...
Communications	...	3,173	3,173	...
Buildings	3,546	8,600	5,054	...
Miscellaneous Public Improvements	490	...	...	490
Total...	1,05,718	1,30,699	25,471	490
Grand Total...	1,59,852	2,18,602	59,240	490
Net Increase...	...	...	58,750	...

3. The grants from Imperial and Provincial Funds were Rupees 1,97,594 and 34,662, respectively, making a total allotment of Rupees 2,32,256, of which the outlay on Public Works was, as shown in the above table, Rupees 2,18,602, which is Rupees 58,750 in excess of the expenditure of the previous year. The increase is found in every description of works, except in that of "Miscellaneous Public Improvements." I give below the progress made in the works themselves, as gathered from the Administration Report of the District Engineer and the Progress Reports of the Range Officers.

4. NEW IRRIGATION WORKS.—*Anicut across the Vellar at Palandorai in Chedambaram Taluq with its dependant channels.*—This irrigation work is of the class known as "Extraordinary." The estimate for it amounts to Rupees 1,98,235, of which the sum expended up to 1871-72 was Rupees 71,994, and in 1872-73 Rupees 58,561, giving a total of Rupees 1,30,555 spent on the work up to the end of the year under review. The District Engineer reports that, with the exception

2. The subjoined table exhibits the expenditure in the year under review as contrasted with that of the previous year:—

Items.	Expendi- ture in 1872-73.	Expendi- ture in 1873-74.	COMPARISON.	
			Increase.	Decrease.
<i>New Works.</i>				
	RS.	RS.	RS.	RS.
Irrigation	71,953	73,625	1,672	...
Communications	5,000	2,327	...	2,673
Buildings	10,950	29,518	18,563	...
Total ...	87,903	1,05,470	20,240	2,673
<i>Repairs.</i>				
Irrigation	1,18,926	90,186	...	28,740
Communications	3,173	...	...	3,173
Buildings	8,600	4,910	...	3,690
Total ...	1,30,699	95,096	...	35,603
Grand Total ...	2,18,602	2,00,566	20,240	38,276
Net Decrease...	...	...	...	18,036

3. The revised allotment for the year amounted to Rupees 2,01,357, while the expenditure was Rupees 2,00,566, or Rupees 18,036 less than that of the preceding year. Under the head of New Irrigation Works and Buildings, the outlay exceeded the sums spent in 1872-73 by Rupees 1,672 and 18,568 respectively, while there was a decrease under New Provincial Communications of Rupees 2,673. The outlay on Repairs was considerably less than that in the previous year, amounting to Rupees 28,740, Rupees 3,173, and Rupees 3,690, under Irrigation, Communications, and Buildings, respectively.

4. I here notice briefly the progress made in the execution of the most important Public Works during the year, as gathered from the Administration Report of the District Engineer.

5. **NEW IRRIGATION WORKS**—*Anicut across the Vellar at Palandorai with main and branch channels.*—The sum spent on this work in the year under review was Rupees 57,693, thus bringing the total expenditure from the commencement of the work up to Rupees 1,88,249, and leaving a balance of Rupees 12,306 of the estimate to be still spent on it. The main portion of the anicut has been completed, with the exception of the rough-stone apron and the undressed stone flooring. The head-sluice, with the exception of shutters, three-fourths of the main channel, the branch channel, and two-thirds of the masonry subsidiary buildings have also been completed.

6. *Forming an embankment across the Babor Tank water-spread.*—The estimate for this work amounts to Rupees 3,050, of which Rupees 2,112 were expended in the past year. The progress of the work was retarded, owing to water standing on both sides of the embankment from September 1873 to January 1874, and to the French authorities making groundless complaints that the line of bund at first

selected was not adhered to. The work when completed is expected to protect a good deal of land from being flooded and to admit of it being brought under wet cultivation.

7. *Opalavady Channel.*—This is a supply channel for irrigating the Opalavady and other villages of the Cuddalore Taluq from the Ponnar river. Rupees 6,250 were sanctioned for this work, of which Rupees 3,651 were spent during the year under review. The interference of the French ryots of Arachicuppum (who objected to the adoption of the line of channel as fixed in the convention between the English and French Governments) retarded the progress of this work.

8. *The Mallatar Embankment.*—The object of this embankment, which extends from the south bank of the Ponnar river to the north bank of the Mallatar river, was to prevent the water of the former river falling into the latter. The estimate amounted to Rupees 1,440, of which Rupees 1,239 were spent on the work in the year under review, and it has been completed.*

* It has been since washed away by a flood in the year under review, and it has been completed.

9. **MINOR NEW WORKS.**—The Minor New Works completed and incomplete in the year are—

Completed.	
Waste weirs	3
Sluices	20
Supply channels	1
Tanks	11
Head-sluices	1
Surplus sluices or weirs	1
Distribution sluices	7
Aqueducts	4
Bridges	1
Sea gauge pole	1
Incomplete.	
Sluices	3
Tanks	1
Surplus sluices or weirs	3
Distribution sluices	1

10. **AGRICULTURAL REPAIRS.**—The outlay on Irrigation Repairs amounted to Rupees 90,185, and was spent on thirteen anicuts, ten embankments or dykes, fourteen canals, thirty-one distribution sluices, one spring channel, and two hundred and eighteen tanks.

11. **PROVISIONAL COMMUNICATIONS, NEW AND REPAIRS.**—No remarks have been made by the District Engineer in his Administration Report as to how the allotment of Rupees 2,327 for New Communications was expended. No outlay appears to have been incurred on Repairs.

12. **NEW BUILDINGS.**—*Subsidiary Jail and Out-houses at Villupuram*—

	RS.
Estimate	7,258
Expenditure in the year	4,202
Total expenditure up to the end of 1873-74	6,004

In the District Engineer's Administration Report it is stated with respect to these buildings that the work is completed, with the exception of plastering

the compound wall and placing broken bottles on the coping. When I was at Villupuram in May last, a month later than the period to which that report relates, the Hospital shed was not half finished, and I was informed that it was not intended to finish it.

13. *Subsidiary Jail at Trichalore—*

	RS.
Estimate	3,839
Expenditure of the year	1,369
Total expenditure up to the end of 1873-74	3,783

Work completed.

14. *Subsidiary Jail at Trivady—*

	RS.
Estimate	2,380
Expenditure during the year	570
Total expenditure up to the end of 1873-74	2,380

Work completed.

It will be hereafter necessary to buy up some of the houses which immediately abut on the Jail compound wall and so isolate the compound.

15. *Sub-Magistrate's Cutcherry and Sub-Jail at Vanoor—*

	RS.
Estimate	9,619
Expenditure during the year	47
Total expenditure up to the end of 1873-74	9,605

Work completed.

16. *Sub-Magistrate's Cutcherry and Sub-Jail at Oolundoorpett—*

	RS.
Estimate	6,230
Expenditure during the year	2,230
Total expenditure up to the end of 1873-74	2,230

Materials have been collected to the extent of the outlay in the year. The original estimate which amounted to Rupees 3,830 contemplated the construction only of a Subsidiary Jail at Ellavanasore, but it was subsequently decided that the Sub-Magistrate's head-quarters should be removed to Oolundoorpett, and accordingly a plan and estimate (Rupees 6,230) for a Deputy Tahsildar and Sub-Magistrate's Cutcherry were prepared and await the sanction of Government.

17. *Taluq Cutcherry and Subsidiary Jail at Kullukurichi—*

	RS.
Estimate	20,000
Expenditure in the year	2,496
Total expenditure up to the end of 1873-74	2,183

The construction of a Subsidiary Jail, at a cost of Rupees 3,360, was sanctioned in February 1873, but it was afterwards determined to abandon the present Tahsildar's Cutcherry and to build a new one on a new site. Accordingly a plan and estimate, amounting to Rupees 20,000, for the Taluq Cutcherry and Jail have been prepared and submitted for the sanction of Government.

18. *Alterations and additions in Taluq Cutcherry and the construction of Subsidiary Jail buildings at Chedambaram—*

	RS.
Estimate	7,157
Expenditure in the year	2,207
Total expenditure up to the end of 1873-74	6,866

Work completed with exception of asphaltting the floor.

19. *Alterations and additions to the Sub-Magistrate's Cutcherry and Subsidiary Jail at Porto Novo—*

	RS.
Estimate	3,232
Total expenditure up to the end of 1873-74	3,042

Work nearly completed.

20. *Alterations and additions to the Subsidiary Jail at Virdachellam—*

	RS.
Estimate	3,316
Expenditure of the year	878
Total expenditure up to the end of 1873-74	3,316

Work completed.

21. *Alterations and additions to the Sub-Magistrate's Cutcherry at Tillagudi—*

	RS.
Estimate	2,522
Expenditure in the year	1,240
Total expenditure up to the end of 1873-74	2,512

Work completed.

22. *Constructing a Subsidiary Jail at Gingee—*

	RS.
Estimate	2,790
Expenditure in the year	2,505
Total expenditure up to end of 1873-74	2,851

Work completed.

23. *Constructing a Subsidiary Jail at Chengum—*

	RS.
Estimate	2,770
Expenditure of the year	1,734
Total expenditure up to the end of 1873-74	1,974

The flooring and plastering still to be done.

24. The other buildings on which smaller sums were expended during the year under review are the following expenditure:—

	RS.
Constructing Dead-house at Manjacooppum	115
Do. Police Station at Trivanellor	1,022
Do. do. at Valavanoor	890
Enclosing verandah of Hoozoor Treasury with iron railings	635
Other minor works	433

25. I may here observe that all the buildings at present required throughout the district are entered in the list circulated with the Proceedings of Government, Public Works Department, dated 24th June last, No. 1,691.

26. The brief period that elapsed between my return from furlough and the end of the official year did not admit of my seeing much of the district, as the annual settlement occupied much of my time; but the Vanoor Magistrate's Office and Sub-jail, the Dead-house attached to the Manjacooppum Dispensary, and the Subsidiary Jails at Villupuram and Trivady which I saw, as well as the Station-house at Valavanoor seem to have been well built.

THESE reports will be submitted for the information of Government. The report for 1872-73 was unfortunately mislaid and lost sight of. After so long a

2. The most noteworthy work of irrigation that engaged attention was the anicut over the Vellar at Palandorai, upon which Rupees 57,693 were expended during the year. It is satisfactory to learn that this useful work, which had been recommended for so many years both by Revenue and Settlement Officers, is now nearly completed. Only Rupees 12,306 of the original estimate of two lakhs remains to be still expended.

4. The embankment to prevent the waters of the Ponnaiar falling into the Malattar was executed at a cost of Rupees 1,239, but was unfortunately washed away by the very unusual floods which came down the Ponnaiar during the early part of the current official year.

6. New Buildings have been vigorously pushed on, and the outlay exhibits an enhancement of Rupees 18,568 over that of the preceding year. The main works upon which this outlay was incurred were the Villapuram Subsidiary Jail and Out-houses, the Sub-Magistrate's Cutcherry and Jail at Oolundoorpett, the Taluq Cutcherry and Subsidiary Jail at Kullakurichi, and the Subsidiary Jail at Gingee.

(A true Copy and Extract.)

J. G. Grose
Secretary.

Copy to the Acting Secretary to Government, Revenue Department.

Exd. E. C. Shunker.

P. W. 1874 Sept.
 P. W. 1874 Sept.
 No. 7614.
 1874.

Board of Revenue
MADRAS.

PROCEEDINGS, 24TH NOVEMBER 1874, No. 337

Decr 4 Dec 174

Encl

Received 5th December/77
G.L. No: 3524.15-12-76

NOVEMBER.

No. 3,375.

Public Works—in South Arcot District.
Collector's report on—for 1872-73 and 1873-7
submitted to Government with remarks.

With an Order

299-300

7614
Govt. of 1874 Madras.
PUBLIC WORKS.

To The St. Engr.
S. Aneor.

Dated

Recd.

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Encl.

G. O. 15 Decr. 1874, No. 12

Nos. 299-300

Public Works - in South
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proceedings of the Bd of Pub.
submitting Collector's re-
port on — for 1872-73
and 1873-74, Comd to the
Bd of Pub. —