

(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. 2162

Press
Mis.

178-79

Dated 7th 8 18 1977.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
16th August 1871.*

No. 178. Read the following Proceedings of the Board of Revenue, dated 13th July 1871, No. 2,904 :—

Read the following letter from the Acting Collector of Trichinopoly, to the Acting Secretary to the Board of Revenue, dated 16th June 1871, No. 177.

I HAVE the honour to submit my report upon the progress made in the construction and repairs of public works within this district during the official year 1870-71.

2. The annexed statement gives the particulars of the entire outlay as compared with the amount allotted in the Budget :—

Description of Works.	Budget allotment for 1870-71.	Actual expenditure in 1870-71.	Increase.	Decrease.
<i>New Works.</i>	RS.	RS.	RS.	RS.
Agricultural	11,196	11,888	692	...
Communications	28,893	22,604	...	6,289
Buildings, Military	1,700	1,706	6	...
Do., Civil	20,516	19,352	...	1,164
	62,305	55,550	698	7,453
<i>Repairs.</i>				
Agricultural	76,000	70,483	...	5,517
Communications	35,580	35,544	...	36
Buildings, Military	773	10,636	9,863	...
Do., Civil	10,664	1,166	...	9,498
Total...	1,23,017	1,17,829	9,863	15,051
Net decrease...	...	...	...	11,943

3. *NEW WORKS—Agricultural.*—The outlay under this head amounts to Rupees 11,888, of which Rupees 4,700 were expended in constructing a head-sluiice for the Nangavoikal and improving its head, the channel being in a defective condition; the estimate which was sanctioned in Government Order, No. 1,034, dated the 20th April 1870, amounts to Rupees 12,500, and the work is in progress. The remaining portion of the expenditure was incurred in improving the sluices and the calingulahs of the existing irrigation works, none of which are of such importance as to call for any particular observation or remark.

4. *Communications.*—The expenditure during the year was Rupees 22,604, more than a moiety of which, namely, Rupees 12,164, was spent in constructing an iron lattice girder bridge over the Iyaur on the road between Salem and Trichinopoly, and this sum added to the amount laid out in the preceding year makes a total expenditure, up to 31st March 1871, of Rupees 65,071, against an estimated outlay of Rupees 74,300 sanctioned in Government Order, No. 3,276, dated the 30th November 1868. The progress of the work was much impeded during the year, and the reasons assigned by the Superintending Engineer are quoted below :—

“ This work has been much retarded owing to the frequent freshes in the Iyaur, “ which drains an area of about 400 square miles, and to the fact that some of “ the debris of the old bridges and of the rough stone thrown into the river-bed

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*Proceedings of the Madras Government, Public Works Department,
16th August 1871.*

"to protect them were found where three nests of piles had to be placed, and this
"notwithstanding the fact that the Range Officer had been directed to ascertain by
"boring whether the spots at which the nests of piles would be placed were free from
"all debris and obstructions, and had reported that they were so before the position
"of the bridge was determined upon; the choice of position being very limited.
"The removal of the debris was very difficult and was frequently interrupted by
"freshes, and the last pile broke while it was being screwed into its position. This
"has entailed considerable delay, and it is doubtful whether it will now be
"possible to get in this pile this season. This is most unfortunate as everything is
"ready for rolling the girders into position and for the completion of the work."

5. *Buildings, Military.*—The amount expended under this head, namely, Rupees 1,706, was laid out on several petty new works, such as asphalt or stone flooring, and constructing stop and Markers Butts or Rifle Range, etc.

6. *Buildings, Civil.*—Out of the expenditure of Rupees 19,352 incurred under this item, Rupees 17,693 were spent on the new Central Jail. This work was commenced in December 1866, and Rupees 3,67,325 were expended on it up to 31st March 1871, but its completion has been delayed for want of funds. The amount of the estimate is Rupees 3,76,000. The buildings are, as already noticed, as spacious and airy as could possibly be desired.

7. The description and number of works repaired during the year were as follow:—

Agricultural—

Irrigation channels...	No.
Tanks	30
Dykes	39
Drainage	87
	4

Communications.—The number of miles of roads kept in repair has been 133. Having only been in charge of the district for the last three weeks, I cannot speak, from personal knowledge, of the state of these works. I learn, however, that the lines are maintained in a pretty fair order.

Buildings—

Military, repaired and maintained	No.
Civil, do. do. do.	133
	16

8. The usual statement showing the whole irrigation works in this district is appended below:—

Description.	In repair.	Out of repair.	Total.
Large tanks			
Small tanks	365	65	430
Irrigation channels	554	50	604
Supplying do.	821	52	873
Dams	783	25	808
Bridges	62	4	66
Tank sluices	275	1	276
Channel sluices	541	75	616
Calingulabs	462	35	497
	251	26	277
Total...	4,154	333	4,487

3
*Proceedings of the Madras Government, Public Works Department,
16th August 1871.*

From the above the Board will perceive that out of 4,154 works only 333 are reported to be out of repair.

SUBMITTED for the information of Government.

2. In this letter the Collector of Trichinopoly submits his annual statement of the progress of public works in his district.

3. The expenditure has been less than the Budget allotment by Rupees 11,943, but the Collector should have shown the expenditure under the different heads for 1869-70, a comparison with that of the past year being necessary to enable the Board and Government properly to judge of the progress of public works in the district.

4. A delay of a year appears to have taken place in the completion of the bridge over the Iyaur river, and the Board would request the attention of Government to paragraph 5 of Mr. Whiteside's report, wherein the cause of the delay is explained, (by quotation from the Superintending Engineer's report,) in a manner far from satisfactory.

5. The new Central Jail has been nearly completed, and the Collector reports favourably on its construction.

6. The roads are said to be in fair order, but the Collector should submit at an early date the formal statement required by Government concerning the mileage of Imperial roads projected, begun, finished, and maintained in good order during the year. The needful information on this point can, it is presumed, be obtained from the Superintending Engineer.

7. The report speaks most favourably (in paragraph 8) of the condition of the irrigation works, offering in that respect a marked contrast to the reports on this subject from most districts.

No. 179.

ORDER THEREON, 16th August 1871, No. 2,102.

ESTABLISHMENT, No. 19.

COMMUNICATED to the Superintending Engineer of the 6th Division.

(True Extract.)

Captain, R.E.,

Under-Secretary to Government.

To the Superintending Engineer, 6th Division.

" Revenue Department.

" Board of Revenue.

Exd. E. C. Shunker.

No. 2,904.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 13th July 1871.

Read the following letter from W. S. WHITESIDE, Esq., Acting Collector of Trichinopoly, to the Acting Secretary to the Board of Revenue, dated 16th June 1871, No. 177:—

I HAVE the honour to submit my report upon the progress made in the construction and repairs of public works within this district, during the official year 1870-71.

2. The annexed statement gives the particulars of the entire outlay as compared with the amount allotted in the Budget:—

Description of works. \	Budget allotment for 1870-71.	Actual expenditure in 1870-71.	Increase.	Decrease.
	RS.	RS.	RS.	RS.
<i>New Works.</i>				
Agricultural... ..	11,196	11,888	692	...
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Do. Civil	10,664	1,166	...	9,498
Total ...	1,23,017	1,17,829	9,863	15,051
Not decrease ...				11,243

3. *NEW WORKS—Agricultural.*—The outlay under this head amounts to Rupees 11,888, of which Rupees 4,700 were expended in constructing a head sluice for the Nangavoikal and improving its head, the channel being in a defective condition; the estimate which was sanctioned in Government Order, No. 1,034, dated the 20th April 1870, amounts to Rupees 12,500, and the work is in progress. The remaining portion of the expenditure was incurred in improving the sluices and the calingulahs of the existing irrigation works, none of which are of such importance as to call for any particular observation or remark.

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“This work has been much retarded owing to the frequent freshes in the Iyar which drains an area of about 400 square miles, and to the fact that some of the debris of the old bridges and of the rough stone thrown into the river bed to protect them, were found where three nests of piles had to be placed, and this notwithstanding the fact that the Range Officer had been directed to ascertain by boring whether the spots at which the nests of piles would be placed were free from all debris and obstructions and had reported that they were so before the position of the bridge was determined upon; the choice of position being very limited. The removal of the debris was

"very difficult and was frequently interrupted by freshes, and the last pile broke while it was being screwed into its position; this has entailed considerable delay, and it is doubtful whether it will now be possible to get in this pile, this season; this is most unfortunate as everything is ready for rolling the girders into position and for the completion of the work."

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7. The report speaks most favourably (in paragraph 8) of the condition of the Irrigation works, offering in that respect a marked contrast to the reports on this subject from most districts.

(A true Copy and Extract.)

J. G. M.
Acting Secretary.

To the Secretary to Government, Public Works Department.
Copy to the Acting Secretary to Government, Revenue Department.
to the Acting Collector of Trichinopoly.

10th. 1871 *W. J. 1*

1871-1872 *1-3544*

Board of Revenue,

MADRAS.

PROCEEDINGS, 13TH JULY 1871, No. 2,904.

20th 24 July 1871 Encl.

Received 25th July 1871.

11

JULY.

No. 2,904.

Public Works in Trichinopoly District.—Report of Collector on progress made in construction and repair of, during 1870-71, submitted to Government with remarks.—Collector requested to submit statement required by Government, showing mileage of Imperial roads projected, begun, finished and maintained in good order during the year.

20th 2102. Recommended to the Secy. & Engineer in Charge.

Office 6th Dec. 1871

16th Aug 71

*Office Secy. & Engineer in Charge
13th Dec 1871*

Recd 17/8/71

6th Aug 1871

*With an order
21st 2102. 18 Aug 71*

No 30 November 1870 No 11. 612
" 21 April 170 - 216-227

U/103544

Govt. of 1871 Madras.

PUBLIC WORKS.

To The Superintending Engr
6th Division

Dated

Recd.

Encl.

G. 16 August 1871 2102.

Nos. 1788/179

Public Works in The Trichin.

wholy dt. Dec. 1870
After on the Collector's
Report on the progress
made with Public
Works in The Trichin.
wholy dt Dec 1871/71
Com. to the Superintending Engr, 6th Div.