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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. DEPARTMENT

G.O. No.	4103 W	Press.
B.P. No.		Mis.
Dated	21 — 10 — 1878	197 .

V-S.M.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

21st October 1878, No. 4,103 W.

General.
Establishment.

Read the following paper:—

No. Proceedings of the Board of Revenue, dated 31st July 1878, No. 2,114.

Read the following letter from H. Sr. A. GOODRICH, Esq., Acting Collector of Vizagapatam, to C. A. GALTON, Esq., Acting Secretary to the Board of Revenue, dated 29th June 1878, No. 873.

I HAVE the honor to report on the public works executed in this district during the official year 1877-78 and to submit herewith the statements prescribed by the Board of Revenue in their Circular Memorandum, No. 2,044, of 7th December 1875.

2. The following statement shows the allotments sanctioned and the expenditure incurred during 1877-78 as compared with those of 1876-77 under Imperial, Provincial, and Local Funds:—

Items.	1876-77.				1877-78.				Increase in Allotment.	Decrease in Allotment.	Increase in Expenditure.	Decrease in Expenditure.	
	Allotment.	Expenditure.			Allotment.	Expenditure.							
	RS.	RS.	A.	P.	RS.	RS.	A.	P.	RS.	RS.	RS.	A.	P.
1. Imperial Funds.	17,310	17,291	15	7	16,230	14,112	1	4	980	950	3,179	14	3
2. Provincial do.	40,525	33,297	12	4	44,278	41,371	6	4	3,653	2,903	8,073	10	0
3. Local Funds ..	1,52,587	1,38,420	9	9	1,60,998	92,800	0	2	8,411	68,198	46,640	9	7
Total ..	2,10,422	1,89,010	5	8	2,21,506	1,48,383	7	10	12,064	950	8,073	10	0
											48,720	7	10

3. *IMPERIAL—Irrigation, New Works.*—A sum of Rupees 1,800 was allotted for expenditure under this head in the two Government taluks of Golconda and Sarvasiddhi, and Rupees 1,260-5-5 appear to have been spent in constructing irrigation sluices for ten tanks.

4. *Repairs.*—An allotment of Rupees 19,500 was originally sanctioned for repairs to certain tanks, &c., but it was subsequently reduced to Rupees 12,567, of which Rupees 10,955-6-10 were spent in the repairs of twenty-nine tanks, twelve channels, and some other minor works.

The principal Assistant Collector, in whose division these irrigation works are situated, reports:—“With reference to the execution of tank-work in the Golconda Range, I am strongly of opinion that the work should be done more systematically than it is now. The present plan seems to be taking up the works where the villagers howl the loudest. By this time the Public Works Department should have a very accurate idea which are the most paying villagers to Government, and along these the irrigation works, beginning at the top nearest the hills, should be first set in order and supplied with sufficient escapes to pass off the torrents of water which the denuded hill slopes furnish often after a single shower. This is the only practicable

means I know of for saving the larger tanks below making the petty tanks above them secure in an ordinary monsoon, and for their own sake the smaller tanks are not to be despised, as their supply of water is generally certain, their ayacut capable of extension, and the land good. In making these groups of tanks the Public Works Department have to exercise some care that they do not include private works. Instances are now related of such works having been treated as the property of Government and repaired at Government expense after which they were quietly claimed back again by their owners." The Chidikada and Krishnadevipeta tanks repaired during the past year have been breached in many places by the first fresh received into them, 20th and 21st instant.

5. *Communications*.—A sum of Rupees 1,896-4-1 appears from the progress reports submitted by the Range Officer to have been spent during the year under report for keeping the Cantonment roads in the district under thorough repair. The roads are in fair condition.

6. *PROVINCIAL—Communications, New Works executed by Department of Public Works*.—In the Provincial Budget for 1877-78 a provision of Rupees 20,000 was made for expenditure towards the construction of the new Pottinghi ghaut, but it was subsequently reduced to Rupees 6,474, and Rupees 6,353-11-3 were spent during the year under report against Rupees 11,142-6-1 in the preceding year. 1,140-3-9 cubic yards of boring and blasting, 1,459 cubic yards of revetment, and 5,762 cubic yards of earthwork are reported to have been done.

7. *New Works executed by Other Agency*.—A sum of Rupees 7,100 was sanctioned in the Budget Estimate of the Petty Construction and Repairs in the Hill Tracts of this district for 1877-78 for new works to be executed in the Special and Senior Assistant Agents' Division, and Rs. 6,847-3-6

	RS.	A.	P.
1. High Road No. 1, Section III. Road from Nowrungapore to Raigarh	2,000	0	0
2. High Road No. 2, Section III. Road from Kollar to Malcangiri	3,847	3	6
3. Branch Road from Borrigamma to Jeypore	1,000	0	0
Total	6,847	3	6

were spent during the year 1877-78 in making roads noted in the margin by the Special Assistant Agent. A sum of Rupees 152-12-6 remaining unexpended in his hands at the close of the last official year was refunded into the treasury. Thirty-five miles of road were constructed in the Jeypore country during the past official year.

8. *Repairs by Public Works Department*.—A provision of Rupees 2,000 was made in the Provincial Budget for 1877-78 for maintaining the old Pachipenta and Turner's ghauts, but it was subsequently reduced to Rupees 864 and an expenditure of Rupees 720-9-6 was incurred on them against Rupees 1,442-1-7 in the previous year. As usual the Department of Public Works has failed to expend even the grant allotted for the repair of the old roads.

The old ghaut traced by Mr. H. G. Turner remained until this year the best route to Pottinghi, its gradients being so easy that even this year after the neglect of many seasons a dog-cart was safely taken up it, but the ghaut has for want of repairs become almost impassable, some land-slips having occurred during the last few months.

9. *Repairs by Other Agency*.—Of the sum of Rupees 6,325 sanctioned for repairs to be executed in the Agency Tracts of this district in the Petty Construction and Repairs Budget for 1877-78, Rupees 5,665-3-0 were spent by the Principal, Senior, and Special Assistant Agents during the year under review, and Rs. 759-13-0 were refunded into the treasury. 693½ miles of road were maintained in the Hill Tracts of this district during the preceding year.

A statement showing the particulars of expenditure incurred by the Revenue Department on New Works and Repairs is herein enclosed.

10. *Buildings, New Works*.—The grant under this head at the disposal of the Department of Public Works for the year under report was Rupees 21,413, but it was subsequently reduced to Rupees 18,655, of which Rupees 15,684-1-0 were utilized in making certain additions and improvements to the Zillah Jail, Collector's Catcherry, and District Court-house at Vizagapatam, and in constructing Assistant

Agent's Bungalow and Sub-Jail at Koraput, Powder Magazine for the Police at the station, a pukka building for a Sub-divisional and Overseer's office at Salur, the school-house at Ankapilli and some minor works. Owing to the want of efficient Overseers it was found impossible to make progress upon the works at Vizagapatam and Parvatipur jails.

The works at Koraput having been handed over by the Public Works Department in February to the charge of my Special Assistant were nearly completed in June. The tiling of some of the blocks could not be finished this year, but all were thatched and made safe from monsoon damage.

The Government in their Order, Public Works Department, No. 4 W, dated 2nd January 1878, had directed this transfer of the works at Koraput noted in the margin to the Civil authorities with the unexpended balances of the appropriation for 1877-78. The Public Works Department handed over the works accordingly to Captain Blaxland on the 8th February last, with the following balances remaining at their disposal up to that date:—

	RS.	A.	P.
Assistant Agent's bungalow	226	4	9
Sub-Jail	1,629	6	4
Subsequently remitted	200	0	0
Total	2,065	11	1

A sum of Rupees 1,965-15-6 was spent on the works within the last official year.

An extract from the report submitted by Captain Blaxland on the progress of the works made by him is herein enclosed for information.

Lieutenant-Colonel Robertson, Deputy Inspector-General of Police, reports very favorably on the works which he visited at the beginning of the present month.

11. *Repairs by Public Works Department*.—A sum of Rupees 4,920 was originally sanctioned under this head, but it was subsequently reduced to Rupees 4,355, of which Rupees 3,745-15-7 were spent in repairing the Court-house, Collector's Catcherry, Churches at Bimlipalam and Vizianagram, Police Hospital at Vizianagram, and some other minor buildings.

12. *Repairs by Other Agency*.—Of the provision of Rupees 505 made in the Petty Construction and Repairs Budget for 1877-78 in Part II under the head "Provincial Services for repairs to buildings in Special Assistant Agent's Division," only Rupees 388-8-0 were placed at the disposal of the Special Assistant Agent who utilized the amount in putting the following minor buildings under thorough repair:—

	RS.	A.	P.
1. Sub-Magistrate's Catcherry and Sub-Jail at Koraput	22	9	0
2. Do. do. at Kotapad	39	0	0
3. Do. do. at Nowrungapore	28	3	0
4. Do. do. at Malcangiri	10	0	0
5. Dresser's house	42	7	0
6. Elephant shed	170	0	0
7. Out-houses attached to Special Assistant Agent's Bungalow	25	0	0
8. Head Clerk's house	60	0	0
9. Fitting wooden windows to the Sub-Jail at Malcangiri			
Total	388	8	0

13. *LOCAL FUNDS—Communications, New Works*.—In the Local Fund Budget for 1877-78 a sum of Rupees 19,560 was provided for expenditure by the Public Works Department which was raised by subsequent allotments to Rupees 44,018; of this Rupees 24,043-5-4 were spent during the year against Rupees 43,657-9-6 in the previous year. In addition to this failure to expend much more than half of the allotment for New Works, a sum of Rs. 20,000 offered by His Highness the Maharajah

of Vizianagaram as a loan for the repair of the Chittivalasa bridge lay unutilized all through the year owing to the inability of the Range Officer to prepare an estimate. The new work which was most suitable for prosecution during the drought of the early months of 1878 was the Vizianagaram-Nathavalasa road. Four miles of this for

* Pure black cotton.

† Estimate, 30,836 Rupees, for the whole eight miles is under revision. Board's Proceedings, dated 22nd September 1877, Miscellaneous No. 13,203.

only some Rupees 1,058-15-2 was spent during a time when I happened to be on the spot and assisted the Range Officer by paying his coolies for him (October, November 1877).

A sum of Rupees 2,000 was provided for expenditure on New Works by Other Agency. This amount was also subsequently raised to Rupees 4,000. The whole amount was utilized in reconstructing the roads from Bhimasingi to Sabbavaram and from Gajuraka to Panchadarla.

14. *Repairs.*—A sum of Rupees 67,200 was sanctioned in the Local Fund Budget for maintaining the existing roads by Public Works Department and Rupees 16,400 by the Other Agency. The allotment at the disposal of the Public Works Department was subsequently raised to Rupees 73,298, of which the expenditure amounted to Rupees 43,993-15-8 during the year under report against Rupees 83,346-6-1 in the previous year. The drought of the hot weather has been put forward as one of the causes of the failure to execute the needed repairs, but the preparation of metal might have afforded the employment so sorely needed.

The extreme delay in submitting progress reports kept me uncertain in the latter months of the year as to the extent of the failure to employ the grants.

Of the grant placed at the disposal of the Revenue Department, Rupees 1,500 were spent by the Salt Deputy Collector in repairing the salt roads in the district, Rupees 1,100 by the Senior Assistant Collector in repairing the roads from Parvatipur to Chollapadam and to Kurapam, 27 miles in length, and Rupees 5,600 by Sri P. Jagannadharaj, Diwan to His Highness the Maharajah of Vizianagaram, K.C.S.I., in maintaining the existing country cross roads, the Chintalavalsa cross road and the road from Vizianagaram to Bowdara at a cost of Rupees 2,000, 800, and 2,800 respectively. A sum of Rupees 8,200 was expended to advantage on the road from Vizianagaram to Palconda under the supervision of P. Jagannadharaj Garu, the Diwan of Bobbili, and Mr. Mackie, late Agent to Messrs. Arbuthnot and Co. at Bimlipatam.

Palconda to Varagatiam.—As usual the money spent on this road has been thrown away. The Senior Assistant Collector, who has seen the road lately, reports that a large quantity of gravel has been freshly spread in several places, but no steps taken to lay it properly. It was levelled almost without watering or rolling, and the work has been wasted.

Vizianagaram and Ramabhadrapuram.—A large quantity of metal has been prepared, but hardly any spread. The manner in which the metal is stored—in a narrow continuous line—appears to be an undesirable way of keeping it for any length of time. The line gets broken by bandies leaving the road, and the metal dispersed and lost. The road has got over the past traffic season without repairs, very much better than might have been expected, but is very rough at present, though hard.

Roads from Ramabhadrapuram to Parvatipur and from Maradam to Parvatipur.—The amount spent on these has been so small as to be of but little practical use. This part of the road is falling into very bad order.

Road from Ramabhadrapur to Salur.—It is reported that this road is in an excessively bad state.

Trunk Road.—The road between 40th and 60th miles requires repairs except in a few places. The road is very bad in some places, especially near Tuni. Many of the Irish bridges are dangerous at night.

Salt Roads.—The salt roads in this district have already been reported on in my letter to the Board of Revenue, dated 22nd May last, No. 631.

15. *Education, New Works.*—A sum of Rupees 3-8-0 was spent by the Public Works Department in completing the Local Fund School-house at Parvatipur.

A sum of Rupees 14-1-0 was also spent by the Revenue Department in constructing a foot-bridge to give access to the Local Fund School-house.

16. *Repairs.*—A provision of Rupees 180 was made in the Local Fund Budget under this head for expenditure by the Revenue Department for maintaining the Local Fund School-houses in the district. Rupees 13-5-0 were spent for completing the thatched verandah round the school-house at Parvatipur.

17. *Sanitary and Miscellaneous, New Works.*—The budget allotment under this head was Rupees 10,340, which was subsequently reduced to Rupees 9,793; of this Rupees 2,904-10-1, or Rupees 2,904 in round numbers, were utilized in planting avenues, &c., as noted in the margin.

	RS.
Avenues...	1,832
Travellers' Bungalows...	931
Hospitals and Dispensaries...	138
Total...	2,904

A sum of Rupees 234 was also spent in constructing a thatched dispensary building at Salur by the Revenue Department.

18. *Repairs.*—The original grant of Rupees 300 provided in the Local Fund Budget under this head was raised by subsequent allotments to Rupees 2,224; of this Rupees 1,273-3-1 were spent during the year under report.

19. It would be easy for me to escape a disagreeable duty by considering the subject disposed of by the censure upon me conveyed in G.O., dated 13th May 1878, No. 2,140-W. I believe, however, that the District Engineer in his letter No. 590, dated 19th June 1878, communicated to the Board with my No. 504 of 24th June 1878, states the true reason of the miserable failure which we deplore, viz., the deficiency of his staff and the inefficiency of certain of its members; and I further believe it to be my duty in reporting the failure to report its true causes and the action needed to prevent its recurrence.

ENCLOSURE No. 1.

Extract from letter, No. 54, dated 4th April 1878, from the Special Assistant Agent.

"I HAVE the honor to report the progress of the works handed over to my charge by G.O., No. 4-W., dated 2nd January 1878. I received this Government Order on 23rd January 1878, and at once commenced the work, although no officer of the Public Works Department to take over charge from arrived here until February 8th.

2. *The Bungalow.*—For this work I only received Rupees 236-4-9 from the Public Works Department. By the time I had finished this small sum I found myself so near the completion of the original work that I spent Rupees 100-4-5 to complete it. This sum I obtained by the sale of some buffaloes, &c., no longer required on this work, and so balanced my account. The bungalow building, but for some twenty leaks in the roof, is complete with all appurtenances except that I have not put up the ceiling cloth (owing to its being entirely made useless by white ants), and I could not put in two panes of glass (as I received that number short), and I also had to leave two rooms unmattd as my funds failed.

Sub-Magistrate's Cutcherry, &c.—For these buildings I received Rupees 1,629-6-4 from the Public Works Department, all of which I have spent, although some of the contracts have not been yet entirely fulfilled. I had to clear the ruins of the Cutcherry and found that only one room out of six would stand, and I have rebuilt the other five, and the whole is so far roofed in that all the trusses are up the ridge poles, &c., in position and the rafters are being placed. I have further sufficient bamboos with which I intend to tile (as there are no funds for pantiles) and 120,000 tiles ready (and 30,000 still due), so that I expect to put the roof up before the rains for a sum of Rupees 80 as soon as the wood-work is complete and 100 Rupees' worth of chunam has arrived from Kotepad, where this sum is advanced for that purpose. After this I shall have some fitting in of doors and windows and filling in of holes to do, for which I think I can get sufficient money by the sale of unused timber, &c., left by the Public Works Department. In the other three buildings I have fitted up the centre as a station-house with only one lock-up, and have made two lock-ups in each of the others. These buildings I intend to thatch,

and have advanced Rupees 200 for grass for the purpose. Less than Rupees 50 will put it on the roof and then the whole buildings will be under cover, and, if I have not sufficient money from selling off, I can wait for money on a supplemental estimate, but hope to perform the whole without any further supplies."

(True Extract.)

(Signed) H. ST. A. GOODRICH,
Acting Collector.

ENCLOSURES Nos. 2 to 4.—Statements.

SUBMITTED for the information of Government.

2. From the statements accompanying the report it appears that the percentage of outlay to allotment on public works in the Vizagapatam District was as follows:—

New Works	{ Public Works Department	...	...	62.2
	{ Other Agency	...	...	115.9
Repairs	{ Public Works Department	...	...	65.5
	{ Other Agency	...	...	65.4

The short expenditure by the Public Works Department has already been commented on by the Collector, and in paragraph 19 of his present letter he alludes to the censure conveyed in G.O., dated 13th May 1878, No. 2,140-W, and refers to a letter from the District Engineer forwarded on a former occasion. The Board have already drawn the attention of Government to this letter in their Proceedings, dated 17th July 1878, No. 1,983. The short expenditure by "Other Agency" under Repairs is not explained in the report, but the Board have learned from another letter from the Collector, dated 3rd July 1878, No. 520, that the Board's Proceedings sanctioning the bulk of the unspent portion of the allotment was not received until after the close of the year.

3. In paragraph 4 the Collector gives an extract from a letter from the Principal Assistant Collector animadverting on the execution of tank-work by the Public Works Department. No action, however, can be taken with reference to the matters therein discussed without an expression of the Collector's opinion thereon after communication with the District Engineer.

4. The state of things reported in paragraph 14 with reference to the road from Palconda to Varagattam is very unsatisfactory. The road is in the charge of the Public Works Department.

(True Copies and Extract.)

(Signed) J. STURROCK,
Acting Sub-Secretary.

No. 265. ORDER THEREON, 21st October 1878, No. 4,103 W.

RECORDED with reference to the undermentioned orders:—

G.O., No. 2,140 W, dated 13th May 1878.

" " 1,689, dated 23rd Sept. 1878, Financial Department.

(True Extract.)

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

To the Board of Revenue.
.. District Engineer, Vizagapatam.

Encl. J. W. Fischer.

Spare Copies

GENERAL
ESTABLISHMENT

Govt. of (1878) 1878.

PUBLIC WORKS.

THE BOARD OF REVENUE.

Dated October 21st.

Letter

Head

Encl.

G. O., 21st October 1878, No. 4102 W.

SEPTEMBER.

No. 264-265.

Public Works executed in Vizagapatam District during 1877-78.—Proceedings of the Board of Revenue submitted by Collector's report on the 1st, recorded with reference to G. O., No. 2,114 W., 15th May 1878, and Financial Order No. 1,635, dated 3rd September 1878.

No. 2,114.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 31st July 1878.

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	Allot- ment.	Expenditure.		Allot- ment.	Expenditure.					
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3. Local Funds.	1,52,567	1,84,429	9 9	1,60,293	92,830	9 2	8,411	...	...	45,540 9 7
Total ...	2,10,500	1,99,019	5 8	2,21,603	1,48,363	7 10	13,064	980	8,073 10 0	48,720 7 10

3. IMPERIAL—Irrigation, New Works.—A sum of Rupees 1,800 was allotted for expenditure under this head in the two Government taluks of Golconda and Sarvasiddhi, and Rupees 1,260-6-5 appear to have been spent in constructing irrigation sluices for ten tanks.

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Powder Magazine.

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An extract from the report submitted by Captain Blaxland on the progress of the works made by him is herein enclosed for information.

Lieutenant-Colonel Robertson, Deputy Inspector-General of Police, reports very favorably on the works which he visited at the beginning of the present month.

11. *Repairs by Public Works Department.*—A sum of Rs. 4,920 was originally sanctioned under this head, but it was subsequently reduced to Rupees 4,355, of which Rupees 3,745-15-7 were spent in repairing the Court-house, Collector's Outcherry, Churches at Bimlipatam and Vizianagram, Police Hospital at Vizianagram and some other minor buildings.

12. *Repairs by Other Agency.*—Of the provision of Rupees 505 made in the Petty Construction and Repairs Budget for 1877-78 in Part II under the head "Provincial Services for repairs to buildings in Special Assistant Agent's Division," only Rupees 388-8-0 were placed at the disposal of the Special Assistant Agent who utilized the amount in putting the following minor buildings under thorough repair:—

	RS.	A.	P.
1. Sub-Magistrate's Outcherry and Sub-Jail at Koraput	22	9	0
2. Do. do. at Kotapad	30	6	0
3. Do. do. at Nowrangapore	28	8	0
4. Do. do. at Malcangiri	10	0	0
5. Dresser's house	42	7	0
6. Elephant shed	170	0	0
7. Out-houses attached to the Special Assistant Agent's Bungalow	25	0	0
8. Head Clerk's house	60	0	0
9. Fitting wooden windows to the Sub-Jail at Malcangiri	...	...	...
Total	388	8	0

13. *LOCAL FUNDS—Communications, New Works.*—In the Local Fund Budget for 1877-78 a sum of Rupees 19,560 was provided for expenditure by the Public Works Department which was raised by subsequent allotments to Rupees 44,018; of this Rupees 24,043-5-4 were spent during the year against Rupees 43,657-9-6 in the previous year. In addition to this failure to expend much more than half of the allotment for New Works, a sum of Rs. 20,000 offered by His Highness the Maharajah of Vizianagram as a loan for the repair of the Chittivalasa bridge lay unutilized all through the year owing to the inability of the Range Officer to prepare an estimate. The new work which was most suitable for prosecution during the drought of the early months of 1878 was the Vizianagram-Nathavalasa road. Four miles of this for which funds were available ran through soil of a "character" which will only admit of work being done thereon in time of drought. That whole of this work ought to have been done and it was not touched. Out of the sum allotted, Rupees 8,000, only some Rupees 1,058-15-2 was spent during a time when I happened to be on the spot and assisted the Range Officer by paying his coolies for him (October, November 1877.)

A sum of Rupees 2,000 was provided for expenditure on New Works by Other Agency. This amount was also subsequently raised to Rupees 4,000. The whole amount was utilized in reconstructing the roads from Bhimasingi to Sabbavaram and from Gajuruka to Panchadarla.

14. *Repairs.*—A sum of Rupees 67,200 was sanctioned in the Local Fund Budget for maintaining the existing roads by Public Works Department and Rupees 16,400

by the Other Agency: The allotment at the disposal of the Public Works Department was subsequently raised to Rupees 73,298, of which the expenditure amounted to Rupees 43,993-15-8 during the year under report against Rupees 83,346-0-1 in the previous year. The drought of the hot weather has been put forward as one of the causes of the failure to execute the needed repairs, but the preparation of metal might have afforded the employment so sorely needed.

The extreme delay in submitting progress reports kept me uncertain in the latter months of the year as to the extent of the failure to employ the grants.

Of the grant placed at the disposal of the Revenue Department, Rupees 1,500 were spent by the Salt Deputy Collector in repairing the salt roads in the district, Rupees 1,100 by the Senior Assistant Collector in repairing the roads from Parvatipur to Chollapadam and to Kurapam, 27 miles in length, and Rs. 5,600 by Sri P. Jagannadharaj, Diwan to His Highness the Maharajah of Vizianagram, K.C.S.I., in maintaining the existing country cross roads, the Chintalavala cross road and the road from Vizianagram to Bowdara at a cost of Rupees 2,000, 800, and 2,800 respectively. A sum of Rupees 8,200 was expended to advantage on the road from Vizianagram to Palconda under the supervision of P. Jagannadharaj Garu, the Diwan of Bobbili, and Mr. Mackie, late Agent to Messrs. Arbuthnot and Co. at Bimlipatam.

Palconda to Varagattam.—As usual the money spent on this road has been thrown away. The Senior Assistant Collector who has seen the road lately reports that a large quantity of gravel has been freshly spread in several places, but no steps taken to lay it properly. It was levelled almost without watering or rolling, and the work has been wasted.

Vizianagram and Ramabhadrapuram.—A large quantity of metal has been prepared but hardly any spread. The manner in which the metal is stored—in a narrow continuous line—appears to be an undesirable way of keeping it for any length of time. The line gets broken by bandies leaving the road, and the metal dispersed and lost. The road has got over the past traffic season without repairs, very much better than might have been expected, but is very rough at present, though hard.

Roads from Ramabhadrapuram to Parvatipur and from Moradom to Parvatipur.—The amount spent on these has been so small as to be of but little practical use. This part of the road is falling into very bad order.

Road from Ramabhadrapur to Salur.—It is reported that this road is in an excessively bad state.

Trunk Road.—The road between 40th and 60th miles requires repairs except in a few places. The road is very bad in some places, especially near Tuni. Many of the Irish bridges are dangerous at night.

Salt Roads.—The salt roads in this district have already been reported on in my letter to the Board of Revenue, dated 22nd May last, No. 631.

15. *Education, New Works.*—A sum of Rupees 3-8-0 was spent by the Public Works Department in completing the Local Fund School-house at Parvatipur.

A sum of Rupees 14-1-0 was also spent by the Revenue Department in constructing a foot-bridge to give access to the Local Fund School-house.

16. *Repairs.*—A provision of Rupees 180 was made in the Local Fund Budget under this head for expenditure by the Revenue Department for maintaining the Local Fund School-houses in the district. Rupees 13-5-0 were spent for completing the thatched verandah round the school-house at Parvatipur.

17. *Sanitary and Miscellaneous, New Works.*—The budget allotment under this head was Rupees 10,340 which was subsequently reduced to Rupees 9,793; of this Rupees 2,904-10-1, or Rupees 2,904 in round numbers, were utilized in planting avenues, &c., as noted in the margin.

Avenues	Rs. 1,842
Travellers' Bungalows	934
Hospitals and Dispensaries	133
Total	2,904

A sum of Rupees 234 was also spent in constructing a thatched dispensary building at Salur by the Revenue Department.

18. *Repairs.*—The original grant of Rupees 300 provided in the Local Fund Budget under this head was raised by subsequent allotments to Rupees 2,224; of this Rupees 1,273-3-1 were spent during the year under report.

19. It would be easy for me to escape a disagreeable duty by considering the subject disposed of by the censure upon me conveyed in G.O., dated 13th May 1878, No. 2,140-W. I believe however that the District Engineer in his letter, No. 590, dated 19th June 1878, communicated to the Board with my No. 504, of 24th June 1878, states the true reason of the miserable failure which we deplore, viz., the deficiency of his staff and the inefficiency of certain of its members; and I further believe it to be my duty in reporting the failure to report its true causes and the action needed to prevent its recurrence.

ENCLOSURE No. 1.

Extract from letter No. 54, dated 4th April 1878, from the Special Assistant Agent.

"I HAVE the honor to report the progress of the works handed over to my charge by G.O., No. 4-W., dated 2nd January 1878. I received this Government Order on 23rd January 1878 and at once commenced the work, although no officer of the Public Works Department to take over charge from arrived here until February 8th.

The Bungalows.—For this work I only received Rupees 236-4-0 from Public Works Department. By the time I had finished this small sum I found myself so near the completion of the original work that I spent Rupees 100-4-5 to complete it. This sum I obtained by the sale of some buffaloes, &c., no longer required on this work, and so balanced my account. The bungalow building, but for some twenty leaks in the roof, is complete with all appurtenances except that I have not put up the ceiling cloth (owing to its being entirely made useless by white-ants), and I could not put in two panes of glass (as I received that number short), and I also had to leave two rooms unmattd as my funds failed.

Sub-Magistrate's Cutcherry, &c.—These buildings I received Rupees 1,629-6-4 from the Public Works Department, all of which I have spent, although some of the contracts have not been yet entirely fulfilled. I had to clear the ruins of the Cutcherry and found that only one room out of six would stand, and I have rebuilt the other five, and the whole is so far roofed in that all the trusses are up the ridge poles, &c., in position and the rafters are being placed. I have further sufficient bamboos with which I intend to tile (as there are no funds for pantiles) and 120,000 tiles ready (and 30,000 still due), so that I expect to put the roof up before the rains for a sum of Rupees 80 as soon as the wood-work is complete and 100 Rupees worth of chunam has arrived from Kotepad, where this sum is advanced for that purpose. After this I shall have some fitting in of doors and windows and filling in of holes to do, for which I think I can get sufficient money by the sale of unused timber, &c., left by the Public Works Department. In the other three buildings I have fitted up the centre as a station-house with only one lock-up, and have made two lock-ups in each of the others. These buildings I intend to thatch, and have advanced Rupees 200 for grass for the purpose. Less than Rupees 50 will put it on the roof and then the whole buildings will be under cover, and if I have not sufficient money from selling off I can wait for money on a supplemental estimate, but hope to perform the whole without any further supplies."

(True Extract.)

(Signed) H. St. A. GOODRICH,
Acting Collector.

ENCLOSURES Nos. 2 to 4.—Statements.

SUBMITTED for the information of Government.

2. From the statements accompanying the report it appears that the percentage of outlay to allotment on public works in the Vizagapatam District was as follows:—

New Works	{ Public Works Department	62.2
	{ Other Agency	115.9
Repairs	{ Public Works Department	65.6
	{ Other Agency	65.4

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 21 Oct/78

Read the following:—

Pro. of the Bd of Revenue (H.R. No 2114 of 31 July/78.)

Recorded with reference to the under-mentioned orders.

GO No 2140 W of 13 May/78
.. 1689 of 23 Sep/78. F.L.B

eat 17/10

Bd of Rev. with 3 orders
L. B. C. J. C.
B. S. V. S. S. S.

Def 9-11-78

The short expenditure by the Public Works Department has already been commented on by the Collector, and in paragraph 19 of his present letter he alludes to the censure conveyed in G.O., dated 18th May 1878, No. 2,140-W, and refers to a letter from the District Engineer forwarded on a former occasion. The Board have already drawn the attention of Government to this letter in their Proceedings, dated 17th July 1878, No. 1,983. The short expenditure by "Other Agency" under Repairs is not explained in the report, but the Board have learned from another letter from the Collector, dated 3rd July 1878, No. 520, that the Board's Proceedings sanctioning the bulk of the unspent portion of the allotment was not received until after the close of the year.

3. In paragraph 1 the Collector gives an extract from a letter from the Principal Assistant Collector animadverting on the execution of tank work by the Public Works Department. No action, however, can be taken with reference to the matters therein discussed without an expression of the Collector's opinion thereon after communication with the District Engineer.

4. The state of things reported in paragraph 14 with reference to the road from Palconda to Varagattam is very unsatisfactory. The road is in the charge of the Public Works Department.

(True Copies and Extract.)

Acting Sub-Secretary.

To the Secretary to Government, Public Works Department,
Collector of Vizagapatam, with three original statements to be returned.
Copy to the Secretary to Government, Revenue Department.

Edw. G. Howarth.

Go. 658 W - 22.9.77
H.R. 1865 W - 17.4.78
Go. 840 W - 13.5.78

3983 W - 12.10.78
C.E. 34 W. 8.8.78

Board of Revenue,
MADRAS.

THE SECRETARY TO GOVERNMENT,
PUBLIC WORKS DEPARTMENT.

No. 2,114.

Dated July 31st.

Printed August 1878.

Recd.

PROCEEDINGS, 31st July 1878, No. 2,114.

Copy to 24/9/78

JULY.
No. 2,114.

Public Works - expended in Vizagapatam District during 1877-78. Submitting to Government Collector's report on the —

Cir 17.10.78 Dist-10.78
20 Oct 30-0.78

Cin 17-10-78. Oct 21-11-78
20 10-78

9334

Gabt. of (1878) Madras.

PUBLIC WORKS.

To

The Board of
Revenue

Dated

Issued

Recd.

Encl.

G. O., 21. Oct^r 1878, No. 4034

Nos. 264 to 265.

^{executed}
Public Works in Vizagapatam
Dist. during 1877-78.

Grounding of the R. & F.
Rev. Submitting Collector's
report on the — records with
reference to G.O. No. 13.5.78
and Finl. Order 1689. 23.9.78.

Order in Reply