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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	6400	Press.
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6400

No. 4,875.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 30th October 1877.

Read the following letters:—

From J. G. HORSFALL, Esq., Officiating Collector of Ganjam, to C. A. GALTON, Esq., Acting Secretary to the Board of Revenue dated Chatterpore, 29th July 1877, No. 2,533:—

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

* Will follow.

2. The total amount allotted for expenditure on Public Works under all heads, viz., Imperial, Provincial, and Local, was Rupees 3,06,886, of which Rupees 2,86,433 were spent, leaving a balance of Rupees 20,453 unexpended.

3. The following table exhibits the expenditure as compared with that of the preceding year, and with the grant for year under report:—

		EXPENDITURE			Grant for 1876-77.	Increase or Decrease as compared with the Grant.
		In 1875-76.	In 1876-77.	Increase or Decrease.		
Imperial ...	{ New Works ...	RS. 5,387	RS. 7,080	RS. + 1,693	RS. 7,103	RS. — 23
	{ Repairs ...	44,538	61,076	+ 16,538	53,436	+ 7,640
	Total ...	49,925	68,156	+ 18,231	60,539	+ 7,617
Provincial ...	{ New Works ...	24,090	45,235	+ 21,145	50,099	— 4,864
	{ Repairs ...	8,463	13,585	+ 5,122	13,436	+ 149
	Total ...	32,553	58,820	+ 26,267	63,535	— 4,715
Local ...	{ New Works ...	54,551	59,759	+ 5,208	90,674	— 30,915
	{ Repairs ...	94,586	99,698	+ 5,112	92,138	+ 7,560
	Total ...	1,49,137	1,59,457	+ 10,320	1,82,812	— 23,355
Grand Total ...		2,31,615	2,86,433	+ 54,818	3,06,886	— 20,453

4. *Imperial, New Works.*—The sum of Rupees 7,080 shown as expenditure under "New Works," "Imperial," was expended under the following heads:—

		Allotment.	Expenditure.
By Public Works Department.	{ Irrigation ...	RS. 3,000	RS. 2,777
	{ Military ...	1,693	969
	{ Civil Buildings.	1,640	1,654
By Revenue Department...Salt Works ...		770	1,680
Total ...		7,103	7,080

5. *Irrigation.*—The particulars of irrigation works as given by the Public Works Department are as follows :—

	Number Estimated for.	Amount of Estimate.	Outlay.	Number completed.	Number incomplete and in progress.
		RS.	RS.		
Tanks ... { Surplus weirs ...	1	347	347	1	...
... { Sluices ... near head	4	699	501	3	1
Canals and Channels. { Sluices ...	4	80	46	4	...
... { Surplus sluices ...	4	1,240	975	4	...
... { Aqueducts ...	1	470	280	...	1
... { Bridges ...	2	690	624	1	1
... { Embankments ...	1	...	54	1	...
Total ...	17	3,526	2,777	14	3

6. The short outlay against the allotment is stated to be owing partly to the non-payment within the year of the full amount due to contractors for the amount of the work completed and partly to the heavy rains in February and March which destroyed raw bricks, &c., made for certain works. The contractors, it is said, absented themselves owing to the prevalence of cholera.

7. No irrigation project of any great importance was constructed during the year, and nothing seems to have been done in regard to the reclamation of Gonju Tampara and Lakshmipur Tampara referred to in paragraph 6 of the report for 1875-76.

8. *Military.*—The outlay on Military New Works consisted of the two following items :—

	Allotment.	Expenditure.
	RS.	RS.
1. Construction of Rifle Range for the use of the Native Infantry at Berhampore ...	1,318	613
2. Latrine in the Military Hospital, Berhampore ...	375	356
Total ...	1,693	969

9. The aggregate amount of the original and supplemental estimates sanctioned by Government for the work No. 1 is Rupees 2,987, of which Rupees 1,669 were spent in 1874-75 and 1875-76. The remaining sum, viz., Rupees 1,318, was allotted for expenditure during the year under notice, but the actual expenditure amounted to only Rupees 613, leaving a balance of Rupees 705 unutilized.

10. The short outlay is explained by the District Engineer to be owing to the continual and heavy rains and to the prevalence of cholera. It is stated that some of the works of the rifle range constructed on the branch road forming part of the Rifle Range work have been washed away by the rains.

11. With regard to the progress of the work the District Engineer says that "earth-work of branch road and extension completed;" gravel dug and "half of the quantity carted and one culvert completed except parapets, and the other half done."

12. The estimate for item No. 2 amounted to Rupees 375, the whole of which was allotted for expenditure during the year. The actual expenditure amounted to Rupees 356. The work is reported to have been nearly completed with the exception of a tub, which the District Engineer says "could not be got here."

13. *Civil Buildings.*—The particulars of the item "Imperial Buildings" are as follow :—

	Allotment.	Expenditure.
	RS.	RS.
1. Converting the old Sub-Magistrate's Cutcherry at Sompetta into Post Office ...	...	24
2. Converting the left wing of Subsidiary Jail at Itchapore into Post Office ...	1,150	1,140
3. Additions to Post Office at Berhampore ...	490	490
Total ...	1,640	1,654

14. The first was an incomplete work and continued on by the District Engineer in anticipation of an allotment during the year at the special request of the Postmaster-General who "promised to allot funds on the 1st July 1877." The amount of the estimate for this work was Rupees 450, of which Rupees 340 have been spent up to the close of the year under report, viz., Rupees 316 during 1875-76 and Rupees 24 in the year under report. The work is still incomplete owing, it is said, to the late receipt of the Government Order ordering the work to be completed. The second and third items have been completed without exceeding the estimates and allotments.

15. "Salt."—The sum of Rupees 1,680 shown under the head "Salt New Works" was expended as follows :—

	Expenditure.
	RS.
1. Building a boat for the use of the Salt Department at Ganjam ...	460
2. Construction of a shed for the use of the Sub-Inspector, Ganjam ...	40
3. Constructing a shed for the use of the Sub-Inspector at Itchapore ...	40
4. Do. do. do. Nowpada ...	40
5. Do. do. do. Womerwilly ...	40
6. Do. traders' shed at Nowpada ...	100
7. Draw-bridges at Ganjam and Womerwilly ...	960
Total ...	1,680

16. Works Nos. 2, 3, and 7 have been completed and the rest were in progress.

17. It will be seen from the above list that a sum of Rupees 910 was expended in excess of the budget allotment (Rupees 770) shown in paragraph 4. The excess was met from savings in the grants made for repairs.

18. *Imperial Repairs.*—The expenditure on Imperial Repairs was as follows :—

	Allotment.	Actuals.
	RS.	RS.
By Department of Public Works. { Irrigation ...	39,000	48,761
... { Military ...	2,850	1,654
... { Civil Buildings ...	386	372
By Revenue Department... Salt ...	11,200	10,289
Total ...	53,436	61,076

19. *Repairs, Irrigation.*—The excess expenditure on the repairs of irrigation works as compared with the allotment has been reported to be principally due to the extraordinary clearance of the heads of the river channels and restoration of banks necessitated by the floods of last October. It has been added that "otherwise there would have been great loss of the 'Sarwa' or principal paddy crop over the richest and most productive land." The works repaired consisted of—

No.	RS.
1 Anicut ...	658
7 Embankments or dykes ...	19,603
51 Channels and distributaries ...	17,526
106 Reservoirs and tanks ...	10,974
Total ...	48,761

School, Berhampore, respectively, to the original estimates. Supplemental estimates were submitted in consequence for sanction. Works Nos. 2, 14, 15, 17, 18, 20, and 23 were completed within the allotments, and the remaining works, viz., 16, 19, and 22 were in progress. The expenditure on No. 19 was far short of the allotment, but no explanation has been given. No. 23 was executed by the Senior Assistant Agent and the rest by Public Works Department.

33. *Miscellaneous Public Improvements.*—The only work undertaken under this head was the fixing of a lantern on the top of the Calingapatam obelisk. The estimate for the work was Rupees 1,670, the whole of which was allotted for expenditure during the year under report; Rupees 1,447 were spent; the light has been exhibited. The balance of the estimate is said to be required for iron angle, for which an indent had been made to the Public Works Stores, Madras.

34. *Communications.*—Out of the sum of Rupees 34,900 allotted under this head Rupees 33,234 were expended.

35. The following were the works executed:—

	Allotment. RS.	Expenditure. RS.
1. Construction of a canal from Chilka Lake to Ganjam ...	17,400	17,234
2. Clearing and smoothening the road from Baliguda to Udayagiri ...	2,500	2,500
3. Platform masonry bridge on road between Baliguda and Udayagiri ...	4,600	4,600
4. Platform masonry bridge on main road to the road frontier ...	2,000	2,000
5. Do. do. on Tentuliguda road ...	500	500
6. Turning road from Tentuliguda to Possara by new ghaut ...	2,020	2,020
7. Formation of road from Tentuliguda to Linipada ...	1,600	100
8. Completion of two miles of road on Bond frontier ...	500	500
9. Construction of a ferry boat at Mahasingi River ...	580	580
10. Do. do. bridge at Mahasingi ...	760	760
11. Cleaning and forming the Military road from the limits of Serungado via Navagado and Khojiripadra ...	1,600	1,600
12. Do. to road from Chilliguda to Ramagiri ...	120	120
13. Do. from Ramagiri to Bedro ...	300	300
14. Do. from Chilliguda to Igrapalli ...	420	420
Total ...	34,900	33,234

36. The estimate for the first work (construction of a canal from Chilka Lake to Ganjam) was Rupees 1,41,370, of which Rupees 1,10,764 were expended up to the end of 1875-76. The original allotment for the work during the year under report was Rupees 20,000, of which Rupees 2,600 were surrendered. The allotment was thus reduced to Rupees 17,400, of which Rupees 17,234 were spent. It is stated that 23,969 cubic yards of earth-work were done towards excavating first, second, and third steps, the progress of the work at the fourth step having been retarded by the high level of water in the lake. The other works enumerated were in the Maliahs and executed by the Special and Senior Assistant Agents. The allotments were made

by the Agent out of the grants (Rupees 23,400*) sanctioned by Government in their Order, No. 402, dated 25th February 1876, Financial Department, and were fully expended.

37. Sixty-nine miles of the line from Baliguda to Udayagiri (No. 2) was cleared, and the Special Assistant Agent reports that the money has been expended in a satisfactory manner. The other works are in progress.

38. *Provincial Repairs.*—The expenditure on Provincial repairs is made up of the following:—

	Allotment. RS.	Expenditure. RS.
* Civil Buildings ...	9,261	9,530
Miscellaneous Public Improvements by Public Works Department ...	275	155
Communications of Other Agency ...	3,900	3,900
Total ...	13,436	13,585

39. *Civil Buildings.*—The Public Works Department repaired the following buildings at a cost of Rupees 7,700 against an allotment of Rupees 7,261:—

	RS.
1. Repairs to District Court, Berhampore ...	300
2. Do. to District Munsif's Court, Berhampore ...	189
3. Do. to do. do. Aska ...	100
4. Do. to do. do. Raghannadhapore ...	358
5. Do. to Collector's Cutcherry, Chetterpore ...	2,146
6. Do. to do. do. ...	31
7. Do. to Principal Assistant Collector's Cutcherry, Chicacole ...	505
8. Do. to Tahsildar's Cutcherry, Russelcondah ...	337
9. Do. to Sub-Magistrate's Cutcherry, Itchapore ...	20
10. Do. to do. do. ...	105
11. Do. to do. do. Purushottapore ...	78
12. Do. to do. do. Berhampore ...	221
13. Do. to do. do. Surada ...	75
14. Do. to do. do. Aska ...	27
15. Do. to do. do. Raghannadhapore ...	85
16. Do. to Sea Customs House, Gopulpore ...	10
17. Do. to Special Assistant Agent's Cutcherry, Russelcondah ...	284
18. Emergent repairs to do. do. ...	116
19. Do. to Police Office, Chetterpore ...	17
20. Lightning conductor attached to Police Magistrate's Office, Russelcondah ...	1
21. Do. do. to Station-house at Gangupore ...	20
22. Do. do. at Bodagudah ...	62
23. Do. do. Itchapore ...	262
24. Repairs to Station-house at Varanasy ...	95
25. Do. to do. at Calingapatam ...	20
26. Do. to do. at Narasannapotta ...	62
27. Do. to do. at Chicacole ...	449
28. Do. to Police Hospital, Russelcondah ...	653
29. Do. to District Jail, Berhampore ...	87
30. Do. to Cook-room and latrine of Jailer's quarters of Zillah Jail, Berhampore ...	21
31. Tarring the latrine attached to the Sub-jail, Kemidy ...	1
32. Repairs to District Engineer's Office, Chetterpore ...	287
33. Do. to Public Works Bungalow, Ganjam ...	37
34. Do. to Overseer's Office, Itchapore ...	34
35. Do. to Tahiq School-house at Chicacole ...	84
36. Do. to do. at Raghannadhapore ...	74
37. Do. to Protestant Church, Chicacole ...	99
38. Do. to compound wall of the Roman Catholic Burial-ground, Russelcondah ...	7
39. White-washing compound wall of Protestant Burial-ground Russelcondah ...	15
40. Do. cemetery at Chicacole ...	9
41. Do. do. at Kemidy ...	19
Quit-rent for the Range Office sites and house-rent to Medical Subordinates ...	410
Total ...	7,803
Deduct Refunds ...	103
Net ...	7,700

40. The expenditure on works Nos. 4, 5, 7, 12, 15, 19, 27, 28, and 32 exceeded the allotments made, while works Nos. 3, 6, and 35 were executed without any allotment. This, the District Engineer reports, was owing to the urgency of repairs required. The other repairs were executed within the allotments made. Nothing is reported with regard to the state of the repairs executed or the condition of the buildings.

41. The following Maliah buildings were repaired by the Special and Senior Assistant Agent at a cost of Rupees 1,830, against a grant of Rupees 2,000, which is made up of the allotments aggregating Rupees 1,800 made by the Agent out of the grant (Rupees 23,400) sanctioned by Government in G.O., dated 25th February 1876, No. 402, Financial Department, and of Rupees 200 transferred from the Police Department on account of the repairs of the Baliguda Magistrate's house with reference to paragraph 7 of G.O., dated 12th October 1876, No. 2,180, Judicial Department:—

	Rs.
1. Repairs of hill bungalows	500
2. Special Assistant Agent's house	500
3. Market sheds	200
4. Baliguda Sub-jail	200
5. Do. Magistrate's house	200
6. Udayagiri Sub-jail	200
7. Repairs to Ramagiri Magistrate's Office and Sub-jail	30
Total ...	1,830

42. The allotments made for the first six works were fully utilized. Out of an allotment of Rupees 200 made for the seventh work, only Rupees 30 were spent by the Special Assistant Agent, and the remaining Rupees 170 given up as not required. The Special Assistant Agent reports that "all the buildings and bungalows are in good order."

43. *Miscellaneous Public Improvements.*—The following are the repairs under this head:—

	Rs.
1. Repair to boundary pillar at Sonnapore and Barwa	115
2. Repairs to Barwa Sea Customs Office	30
3. Repairs to Sea Customs House, Gopulpore	10
Total ...	155

On the whole the expenditure is within the allotment.

44. *Communications.*—The whole of the amount expended under this head was for the repairs of the following Maliah roads under the Special Assistant Agent:—

	Allotment.	Expenditure.
	Rs.	Rs.
1. Road between Baliguda and Udayagiri	1,000	1,000
2. Maintenance of road between Baliguda and Loharasingi	2,300	2,300
3. Repairs to road from Udayagiri to Baliguda via Kusadundy	600	600
Total ...	3,900	3,900

45. The allotments in question were made by the Agent out of the grant (Rupees 23,400) sanctioned by Government in their Order, dated 25th February 1876, No. 402, Financial Department, and they have been fully utilized.

46. The Special Assistant Agent reports that all the repairs were thoroughly executed.

47. *Local Funds, New Works.*—The particulars of expenditure on new works from Local Funds are as follow:—

		Allotment.	Expenditure.
		Rs.	Rs.
<i>Communications.</i>			
By Public Works Department.	{ Chatterpore Circle	50,006	33,520
	{ Chicacole Circle	28,691	14,754
		78,697	48,274
By Revenue Department ...	Chatterpore Circle	330	330
	Total Communications ...	79,027	48,604
<i>Educational.</i>			
By Revenue Department ...	{ Chatterpore Circle	195	195
	{ Chicacole Circle	...	...
		195	195
<i>Sanitary and Miscellaneous.</i>			
By Public Works Department.	{ Chatterpore Circle	5,519	6,862
	{ Chicacole Circle	5,933	4,098
	Total ...	11,452	10,960
	Grand Total ...	90,674	59,759

48. *Communications.*—The following were the communications on which the sum of Rupees 48,604 was spent:—

	Allotment.	Actuals.
	Rs.	Rs.
<i>Chatterpore Circle.</i>		
1. Road from a point on Aska and Surada line to Surda platform	1,200	1,172
2. Constructing a bridge over Korakora Nulla and deviation line on Aska and Ganjam road	13,954	10,378
3. Construction of road from Trunk road to Goppili via Mandasa	10,000	9,712
4. Widening the approaches of Rushikulya river bridge..	150	149
5. Lengthening the side splay or retaining walls of the Rushikulya river bridge	13	13
6. Construction of a bridge on Kalingia road	1,400	2,226
7. Construction of a culvert on Aska and Berhampore road	...	321
8. Reformation of Trunk road	11,159	9,236
9. Surveying the Biridi road	...	52
10. Constructing a bridge over Woostya Nulla in the 25th mile of Balipadra road	4,730	113
11. Improvements to fords in the Gumsur and Aska Taluqs.	150	88
12. Widening the Trunk road No. 6 at Chatterpore	330	330
13. Construction of a ferry boat at Pattupore	250	60
14. Do. of two bridges on Aska and Surda road	7,000	...
Total ...	50,336	33,850
<i>Chicacole Circle.</i>		
15. Improving the sandy portions of Trunk road No. 6, near Madapam and Nowpada	8,400	6,042
16. Road from Chicacole to Mafuzbunder	2,000	995
17. Road from Chicacole to Chintada and Gara road	1,627	1,623
18. Completing the bridge across Medagantula Gadda on Palconda road	81	81
19. Platforms on Local Fund roads	2,482	121
20. Reforming the 13th and 14th miles of Calingapatam road	2,270	999
21. Construction of masonry tunnels on Trunk road	...	319
22. Do. on Chintada and Gara road	360	359
23. Road from Trunk road to Goppili via Mandasa	2,990	438
24. Branch road to Mokhalingam from Tekkali to Hira-mandalam road	2,000	1,214

by the Circle Board to certain works of a more emergent character which were necessitated by the heavy damage caused by the cyclone of October 1876 (*vide* Board's Proceedings, dated 26th April 1877, No. 1,928, and paragraph 2 of Mr. Master's letter therein recorded). The transfers require to be formally sanctioned by Government. It is stated that four masonry works of different dimensions were constructed. Earth-work to the extent of 5 miles 4 furlongs, turving 1 mile 4 furlongs, and metalling and gravelling to the extent of 4 furlongs were completed; 4,591 cubic yards of metal and 247 cubic yards of gravel were collected.

62. *Road from Chicacole to Mufuzbunder.*—Eight culverts and five bridges of different dimensions were completed besides earth-work and turving to the extent of 1 mile and 2½ furlongs.

63. *Improvements to Chintada and Gara Road.*—The allotment has been almost fully utilized and the work reported to be completed.

64. *Completing the Bridge across Medagentula Gadda on Paleonda Road.*—The estimate for this work was Rupees 670, of which Rupees 589 were spent during 1875-76, and the remaining amount, Rupees 81, was allotted and spent during the year under report. The work is completed.

65. *Platforms on Local Fund Roads.*—Platforms have been thrown out in 20 miles for the deposit of material; the short expenditure is explained in paragraph 5 *supra*.

66. *Reforming the 13th and 14th miles of Culingapatam Road.*—The 14th mile was reformed with metal and gravel, and the rest of the allotment given up for other works, paragraph 60.

67. *Construction of Masonry Tunnels on Trunk Road.*—The estimate for this work, which amounts to Rupees 2,835, was not sanctioned by the Local Fund Board, nor was any allotment made for the work. The Executive Engineer's explanation is that the work was put on hand to some inconvenience to traffic. Two tunnels were built in the 14th and 17th miles of the road.

68. *Construction of Masonry Tunnels on Chintada and Gara Road.*—This was completed within the allotment grant.

69. *Road from Trunk Road to Goppili via Mandasa.*—Three tunnels of different dimensions were completed besides earth-work to the extent of three-quarter mile, and 200 yards of road metalled and gravelled. The short outlay is explained in paragraph 60.

70. *Branch Road to Mokhalingam from Tekkali and Hiramandalam Road.*—Earth-work to the extent of 4 miles was completed and 3,393 running yards of the road were turfed. For short outlay—*vide* paragraph 60.

71. *Road from Culingapatam Road to join Mafuzbunder Road via Arasavelly.*—The allotment appears to have been fairly utilized. Earth-work and turving to the extent of 1 mile, 1 furlong, and 90 running yards was completed, three-quarter mile of the road was metalled and gravelled, and two cutverts were completed.

72. Works from 26 to 29 were completed and work No. 30 was still in progress. The estimate for the latter is Rupees 1,313, of which Rupees 517 were spent during the year under report. It was constructed in anticipation of allotment of funds which has since been made by the Local Fund Board, but which has yet to be formally sanctioned by Government—*vide* Board's Proceedings, dated 26th April 77, No. 1,928.

73. *Educational.*—The sum of Rupees 195 shown against this head was the expenditure incurred in constructing a school at Sompetta. The expenditure up to the end of the year under notice is Rupees 525 against an estimate of Rupees 460. The cause of excess of expenditure over estimate is the work having been left for a long time half finished. The work was originally undertaken from funds raised by subscription which, however, proved insufficient for the purpose. Eventually the Local Fund Board took up the work which was completed previous to the year under report, and the building is now in use.

74. *Sanitary and Miscellaneous.*—The following are the works executed under this head:—

	Allotment. RS.	Actuals. RS.
<i>Chetterpore Circle.</i>		
1. Filling a pond to the south of the Sub-Magistrate's Cut-cherry, Purushottapore	21	21
2. Planting avenues on road sides	2,000	2,000
3. Clearing rubbish from the Chetterpore tank and bund constructing a road with two sluices	32	32
4. Raising approaches to the drainage sluice at Russelcondah	78	78
5. Cutting a channel in the Pashikulya river at Aska and constructing temporary groynes	...	1,482
6. Converting a rest-house at Mojahguda into a Travellers' Bungalow	388	249
6½. Purchase of a Travellers' Bungalow at Gopanipore	3,000	3,000
Total ...	5,519	6,862

	Allotment. RS.	Actuals. RS.
<i>Chicacole Circle.</i>		
7. Avenues on Local Fund Roads	2,000	2,000
8. Groyne in Langulya river	652	72
9. Boury at Narasannapetta	209	101
9. Boury at Narasannapetta	660	659
10. Travellers' Bungalow at Narasannapetta	1,412	770
11. Construction of rest sheds	1,000	496
12. Construction of Traveller's sheds	...	...
Total ...	5,933	4,098
Grand Total ...	11,452	10,960

75. Of the twelve works in the above list six, viz., Nos. 1, 3, 4, 5, 8, and 10 were completed. No. 6 was in progress. Of the rest, Nos. 2, 7, 9, 11, and 12 were nearly so, and one shed included in Nos. 11 and 12, one was completed and five were nearly so, and one rest (eight in number) appear to be in progress; and materials for the others (eight in number) were in course of collection. No reason has been assigned for the short outlay as compared with the allotment. Avenue plantations (2) and (7) in the list are said to be in good condition; 9,015 trees were planted during the year under report on road sides and in the nurseries in the Chetterpore Circle. A sum of Rupees 1,482 was, as will be seen, spent on item No. 5 without an allotment. For explanation of this item—*vide* G.O., dated 10th February 1877, No. 502. The purchase of Travellers' Bungalow at Gopanipore (No. 6½) has been effected—*vide* Board's Proceedings, dated 20th November 1876, No. 2,894.

76. *Local Fund Repairs.*—The particulars of expenditure on repairs from Local Funds are as follow:—

	Allotment. RS.	Expenditure. RS.
<i>Communications.</i>		
By Public Works Department {Chetterpore Circle	50,436	48,372
{Chicacole Circle	40,350	50,035
Total ...	90,786	98,407

	Allotment. RS.	Expenditure. RS.
<i>Sanitary and Miscellaneous.</i>		
By Public Works Department {Chetterpore Circle	762	828
{Chicacole do.	590	463
Total ...	1,352	1,291
Grand Total ...	92,138	99,698

77. *Communications*.—The following are the works repaired during the year under report:—

	Maintenance Grant.	Extra Grant.	Total.	Actuals.
<i>Chittore Circle.</i>	RS.	RS.	RS.	RS.
1. Great Northern Trunk Road	13,050	2,365	15,415	14,673
2. Road from Purushottapore to Gopaulpore.	1,000	333	1,333	1,098
3. Do. from Aska to Ganjam via Purushottapore	3,000	984	3,984	3,974
4. Road from Aska to Sonnapore	4,500	929	5,429	4,531
5. Do. from Gopaulpore to Kallingia	11,180	649	11,829	11,852
6. Do. from Aska to Pippaloponka	3,000	70	3,070	3,198
7. Do. from do. to Karcholli via Ballipadra	2,700	198	2,898	2,878
8. Road from Ballipadra to Russelcondah	1,650	266	1,916	1,648
9. Loop lines at Berhampore	500	...	500	501
10. Branch lines from Trunk Road No. 6 to the Port of Barwa	900	368	1,268	1,268
11. Loop lines at Chittore	300	...	300	300
12. Branch lines at Ganjam	450	...	450	450
13. Road from Russelcondah to Kulladah	400	...	400	400
14. Branch line at Aska	200	...	200	182
15. Repairs to bridge across Godahallo River at Injelly	...	544	544	519
16. Removing sand from the Port at Gopaulpore	300	...	300	300
Total	42,724	4,706	47,430	46,272
<i>Chicacole Circle.</i>				
17. Trunk Road	8,750	...	8,750	9,478
18. Road from Chintada to Gara	1,500	...	1,500	1,496
19. Do. from Chicacole to Calingapatam	2,430	70	2,500	2,644
20. Do. from do. to Paleonda	1,560	287	1,847	3,045
21. Do. from Jarjangi to Jagannadhapore	1,800	160	1,960	2,572
22. Do. from Alikam to Battili	6,060	...	6,060	7,255
23. Do. from Calingapatam to Paleonda via Narsannapetta and Sarwakota	4,440	22	4,462	4,308
24. Road from Nowpada to Kennedy via Malapeta	3,190	231	3,421	3,178
25. Road from Tekkali Raghannadhapore to Hiramandalam via Temboor	2,590	78	2,668	2,323
26. Road from Poody to Varanasy via Purla Kemidy	3,950	...	3,950	3,560
27. Road from Addubhangi on Varanasy road to Addubhangi on Paleonda boundary	1,400	...	1,400	1,526
28. Road from Bommalu to Raghannadhapore	460	...	460	463
29. South approach road to Chicacole bridge	180	...	180	322
30. Branch road to Srikurnam from Chicacole to Calingapatam	180	...	180	...
31. Road from Pata Chicacole to Mafuzbunder.	...	...	...	...
32. Repairs to Chicacole bridge	...	452	452	293
33. Miscellaneous Repairs	560	...	560	803
Total	39,000	1,350	40,350	50,035
Grand Total	82,730	8,056	90,786	98,407

78. Almost all the roads in the district suffered a great deal by the heavy rains in October. Extra grants were consequently necessitated to put them in order. Six

arches of the Chicacole river bridge came down. With the exceptions hereunder mentioned all the roads have since been restored to order. The roads in the Chicacole Circle, though injured by far to a greater extent, were properly restored to the sacrifice of certain new works.

79. *Trunk Road, portion in the Chittore Circle.*—The following is the remark of the District Engineer with regard to this road:—"The road maintained in good order throughout the year; 23rd, 24th, 25th, 26th, and 27th miles of the Trunk Road (North) are in bad order, and for reforming them materials are being collected. The road from Berhampore to Itchapore, 27th and 28th miles, are in bad order." The Principal and Senior Assistant, however, states that the road is in anything but good order from Berhampore southward.

80. *Road from Aska to Ganjam.*—The District Engineer says that the road was maintained in good order with the exception of 11th, 16th, 17th, 25th, 26th, 27th, and 28th miles which were damaged by the heavy rains in October. Necessary funds were however, placed at the disposal of the Public Works Department to repair the road but not fully utilized owing to the late date of (March) the receipt of sanction for allotment.

81. *Road from Purushottapore to Gopaulpore.*—This road was slightly injured by the rains of October 1876, and necessary steps were taken for its repair.

82. *Road from Aska to Karcholli.*—This was much injured by heavy rains and by heavy traffic. It is under the consideration of the Local Fund Board to reform the road.

83. *Road from Ballipadra to Russelcondah.*—This was much damaged by the heavy rains of last year in 2nd, 3rd, 11th, 14th, and 15th miles; an emergent estimate was passed by the Local Fund Board. The repairs, however, were not completed within the year.

84. *Road from Alikam to Battili.*—The whole length of the line was kept good excepting the portion between Battili and

85. The expenditure on works Nos. 17, 19, 20, 21, 22, 27, 28, 29, 31, and 33 appears in excess of the allotment as the allotments subsequently sanctioned by the Local Fund Board, vide paragraph 60, have not yet been formally sanctioned by Government.

86. *Sanitary and Miscellaneous.*—A sum of Rupees 1,291 was expended during the year under report under the head Sanitary and Miscellaneous out of an allotment of Rupees 1,352. The following is the list of works repaired during the year:—

	Allotment.	Actuals.
<i>Chittore Circle.</i>	RS.	RS.
1. Repairs to rest sheds	266	244
2. Do. to Travellers' Bungalow at Injelly with a shed	52	52
3. Do. do. at Itchapore	21	34
4. Do. do. at Caneilly	43	28
5. Do. do. at Haripore	30	22
6. Maintaining the drainage work at Ganjam	300	255
7. Repairing Tripasur Nulla at Aska	50	50
8. Mojadada Travellers' Bungalow	...	143
Total	762	828
<i>Chicacole Circle.</i>		
9. Patruni tank at Sarvacota	457	390
10. Garabanda Patruni tank	89	42
11. Civil Dispensary, Kemidy	44	19
12. Travellers' Bungalow Narsannapetta	...	12
Total	590	463
Grant Total	1,352	1,291

Works Nos. 1, 2, 5, 7, 10, and 12 were completed. Item No. 11 completed except painting. The other works are in progress.

From J. G. HORSFALL, Esq., Officiating Collector of Ganjam, to H. E. STOKES, Esq., Secretary to the Board of Revenue, dated Chatterpore, 26th October 1877, No. 3,591.

I HAVE the honor to forward herewith the statements* called for in Board's official memorandum, No. 1,539, dated

- * 1. Statement showing the progress of the Public Works in the Ganjam District for the official year 1876-77.
 2. List of works in progress in the Ganjam District for the official year 1876-77.
- 19th ultimo, and to state that the delay in the submission of these statements is owing to the necessary particulars having been received from the District Engineer only on the 19th instant.

ENCLOSURES Nos. 1 and 2. — Statements.

SUBMITTED for the information of Government.

2. The report shows considerable improvement in the matter of utilization of funds as compared with the results of the previous year, the percentage of outlay to total grants under all heads in 1876-77 having been 93 per cent. against 81 per cent. in 1875-76. Under the head of Imperial the grant was exceeded and Provincial Funds were almost fully utilized, but the expenditure from Local Funds under New Works was only 66 per cent. of the allotment. The short outlay appears to have been due to the difficulty of procuring labor owing to the prevalence of cholera and to the postponement of some works budgeted for. No remarks appear to be called for on the particular works in progress; the report is, however, much too detailed; a more general review of the requirements of the district and the manner in which the expenditure of the year has conducted to meet them is what is required.

(True Copies and Extract.)

Sub-Secretary,

To the Secretary to Government, Public Works Department,
the Collector of Ganjam.

Copy to the Secretary to Government, Revenue Department.

RECEIVED
BOARD of REVENUE,
MADRAS.

1877.

RECEIVED, 30TH OCTOBER 1877, No. 4,875.

End.

OCTOBER.

No. 4,875.

Public Works—submitted in Ganjam District during 1876-77.—Submitting to Government Collector's report on—

206400

22.10.77