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MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 512	Press ~~Mis.~~
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*Proceedings of the Madras Government, Public Works Department,
23rd February 1872.*

No. 397. Read the following Proceedings of the Board of Revenue, dated 6th January 1872, No. 45:—

Read the following letter from the Acting Collector of Ganjam, to the Secretary to the Board of Revenue, dated Chetterpore, 14th September 1871, No. 1,153½.

I HAVE the honour to report on the Public Works of this district for the past official year 1870-71.

2. The Board are aware that there are now no Imperial Roads under construction in this district. A sum of Rupees 46,099 was spent in repairing and maintaining in good order the Imperial lines of roads, which, from the reports of the Range Officers, appear to have received much damage during the heavy rains in October and November last. No funds were allotted in the past year to render passable the sandy portion of the Trunk Road between Teckaly and Caisseebogah.

3. The subjoined statement affords the information respecting Imperial roads required by Government to be supplied in their annual reports.

4. AGRICULTURAL OR IRRIGATION WORKS.—The expenditure Rupees 21,392 on works of irrigation was large, owing chiefly to the injury done to the works during the heavy rains of October and November last.

5. The cost of repairs was Rupees 19,477, being Rupees 5,619 in excess of 1869-70. The expenditure on single works of irrigation was high, as for instance the repairs of the river channel at Loddaputy, in Berhampore, costing Rupees 507, and those to the irrigating channel at Edapore, Rupees 890. Rupees 267 was the largest sum that was expended on a single new work of irrigation.

6. Captain Beckley's projects for constructing remunerative works of irrigation in this district are still under consideration.

7. CANAL.—The allotment for 1870-71 for the Chilka Canal was Rupees 400, the expenditure Rupees 245 only. The canal is reported by the Executive Engineer to be in good order, but its depth is insufficient for traffic during the dry season. From June 1870 to April 1871, 322 boats passed through the canal. The Engineer reports that till the canal is deepened, and its extension carried on to the Port of Gopalpore, traders from the borders of the lake and from Cuttack cannot be expected to make much use of this canal.

8. CIVIL BUILDINGS.—A Police Station House at Gopalpore, at a cost of Rupees 1,146, and a Police School House at head-quarters, Chetterpore, for Rupees 960, are the only new buildings constructed during the past year; Rupees 1,595 were spent in making additions and alterations in the District Jail at Berhampore; sundry small sums were also spent in repairing the Court-house at Berhampore, and the Sea Customs Offices at Ganjam and Poondy.

9. The remarks of the Board made in paragraphs 11 and 12 of their Proceedings of the 28th October last, recommending allotment of funds for the completion of the Public buildings in this district, appear not to have received any attention from the proper authorities.

10. I regret to report that in this year also no work of public utility was erected by private individuals.

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11. The remarks of the Acting Principal Assistant Collector on Public works and buildings in the Sub-division are subjoined—

12. "(1.) BUILDINGS.—The Subsidiary Jails of Narasannapetta and Parla Kimedy, which were in course of construction in 1869-70, were completed in the year under report.

13. "The asphaltting of the floor was not done, and it may as well be dispensed with. The Narasannapetta Sub-jail has not been white-washed. The Kimedy Subsidiary Jail has, since completion, been reported to be leaking in several places; and it has become necessary to prepare an estimate for its repair. The Subsidiary Jail work at Teckally has not been commenced, some materials were collected in the year 1869-70, but nothing more has been done in consequence of no funds having been provided. The Taluq Cutcherry and Subsidiary Jail at Chicacole, owing to want of funds, remain in the same unfinished state as was reported last year. To avoid useless expenditure it would be well to finish this building quickly. The Post Office at Parla Kimedy was lately reported to be in want of urgent repairs, which were estimated for and sanctioned. My Office building leaks in several places, and I have asked the Range Officer to put it to rights. The Anglo-Vernacular School building also is said to be in need of repairs. The rest of the Public buildings seem to be in fair order.

14. "(2.) TRAVELLERS' BUNGALOWS.—The Travellers' Bungalow at Gopalpore, near Nowpada, which was closed last year in consequence of its dangerous state, has not yet been repaired. All that was done was the collection of some materials. The Travellers' shed at Narasannapetta has been thoroughly repaired and is in good order. The other Travellers' Bungalows in the Sub-division are in fair condition.

15. "(3.) COMMUNICATIONS, IMPERIAL.—I have seen the whole length of the Trunk Roads as well as the road from Chicacole to Calingapatam. Both of them are in fair order with the exception of that portion of the Trunk Road about Nowpada, which Mr. Hope reported last year to be indicated rather by the telegraph wire than by the road itself. This portion is still in just the same sandy state. The want of a bridge over the river Vomasadara, near Byri, continues to be severely felt. It was decided to have several timber bridges on the Jagannadhapore to Jarjangi road re-placed by masonry ones. The Range Officer says that the sanction of the estimates for work was communicated to him so late as in February, and that he was in consequence unable to convert more than three of the timber bridges into masonry ones within the year.

16. "(4.) COMMUNICATIONS, LOCAL.—The Road from Alikam to Heramandalam is reported to have been completed to the extent of twelve miles, with all necessary masonry works. The earthwork for the remaining part of the road was also finished, and about twenty small tunnels constructed. This road can be completed in the current year if funds are provided. The Range Officer reports that he was obliged to postpone certain emergent repairs on the road from Chintada to Gara in consequence of your orders communicated to him in Mr. Carr's letter, No. 293, dated 21st March 1871. He also reports that the road from Bommali to Raghunadhapuram has fallen into disrepair in consequence of

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no maintenance allowance having been provided. The other roads are reported to be in fair order.

17. "(5.) AGRICULTURAL ORIGINAL WORKS.—Two masonry calingulahs and two masonry dams are reported to have been constructed in the year, at a cost of Rupees 594, and no other new works appear to have been made.

18. "(6.) AGRICULTURAL REPAIRS.—Thirty-six tanks, thirteen channels, fifty-six calingulahs, one masonry dam, and one timber bridge (over the irrigation channel at Battem) were reported to have been repaired during the year. Most of these repairs were executed on every emergency caused by heavy rains. None of the main channels were repaired during the year, but those necessary repairs have lately been estimated for and sanctioned.

19. "(7.) Having assumed charge of the division but lately in the end of April, I have not yet had an opportunity of visiting all the roads and other public works. I have, therefore, not been able to speak of all the works from personal observation."

WORKS IN THE GUMSUR MALAYAS OR KHOND TRACTS.

20. The road and buildings in the Khond tracts, the Board are aware, are under the charge of the Junior Assistant Agent, Captain Smith, whose remarks on the progress and condition of the works are appended:—

21. "BUILDINGS.—The following bungalows in the Maliahs were repaired at a cost of Rupees 500; and Rupees 4,888 were expended in repairing the roads from Kalingia by Udayagiri, Raikia, Durmpur, Nowgam, Mahasinghy, Baligudah and Korlungur to Tumiribund and the road from Lehoraj to Nilingia.

Bungalows.

Baligudahs.	Udayagiri.	Durmpur.	Ruttinga.
Lemembodi.	Chodakia.	Raikia.	Birkote.
Kalingia.	Dokalla.	Kusadindi.	

22. "The rains last year were not over till about 6th November, and work could not be begun till 1st December, owing to delay in getting the money from the Assistant Engineer.

23. "All the bungalows in the Maliahs have been put in thorough repair. The sum of Rupees 500 appears to be allowed annually for this work. It is very necessary, as all the bungalows are thatched except the Government building at Baligudah for the Junior Assistant Agent and Assistant Superintendent of Police. This building would be made much more comfortable if Government would allow a sum of Rupees 500 for plastering it with chunam and putting mats on the floor.

24. "NEW BUILDINGS.—No funds are allotted during 1870-71 for new buildings in the Maliahs. The Sub-Magistrates have no Cutcheries, though I quite agree with my predecessor, Captain Lys, that the elaborate Cutcheries thought necessary for the low country are not necessary up here; I think Government should erect some sort of building for the Sub-Magistrates to hold office in. An expenditure of Rupees 2,000 at each head quarters would suffice for a small substantial building that would answer all necessary purposes.

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25. "NEW ROADS.—There was no allotment for new roads in 1870-71, and I see there is none for 1871-72, of course I have been able to do nothing to the new roads began by Captain Lys, and what he made is overgrown with jungle.

26. "I would especially bring to your notice the urgent necessity for a road from Russelcondah to Birkote, a distance of about 14 miles, over flat country. We have now two capital ghauts made, by which bandies can easily get into the Maliahs. One by the Kalingia ghaut, from which there is a capital road made by the Public Works Department to Russelcondah. The other ghaut is the Dakapalla ghaut; there is a bandy road from Baliguda to Dakapalla at the top of the ghaut, and a very good road down the ghaut to Birkote, where I have just completed a bungalow, but there is no road from Birkote to Russelcondah.

27. "Bandies come across country to this ghaut in the hot weather, but it is not feasible in the rains. From Russelcondah to Birkote and Dakapalla ghaut is much the shortest route to Baliguda, and if that bit of road was once made the traffic to the plains would increase wonderfully. The country the road would cross belongs properly to the Department Public Works, as it is on the plains of the Gumsur taluq.

28. "This bit of road is most urgently required for the improvement of the Maliahs. It would open up the hill to the traders from the low country, and they would come in much greater numbers to the hill markets I have been establishing.

29. "Last year Captain Lys in his report strongly recommended, and was supported by Mr. Ellis, that Rupees 6,000, passed by Government for a Sub-Magistrate's Cutcherry at Udayagiri, be transferred to the extension and repair of roads. The Board of Revenue in their Proceedings, 20th October 1870, No. 6,387, entirely concurred in the proposal; they also recommended that cheap but durable offices be substituted for the more costly structures, but I am sorry to say we have had no transfer of this sum yet to our funds for roads. May I recommend that this sum be allotted either for the necessary road between Russelcondah and Birkote or to the erection of three small Cutcherries for the Sub-Magistrates.

30. "REPAIRS OF ROADS.—The road from Kalingia, the top of the ghaut *via* Udayagiri, Raikia, Durmpur, Nowgair, Mahasinghy, Baliguda, Kartungur to Tumiribund, a distance of about 70 miles, has been put in thorough repair for bandy traffic; also about six miles from Hohorj to Nillingia on the Dakapalla ghaut. I thought it better to keep one bandy road from the plains all through these hills in thorough repair than to divide the allotment in repairing bits of roads here and there. The Kalingia ghaut from which this road begins was made by the Department Public Works, and runs north into our Gumsur Maliahs. The Dakapalla ghaut road leads direct east into the Kimedy Maliahs, therefore the necessity of the piece of new road from Russelcondah to Birkote.

31. "BRIDGES.—There are two cracks that I imagine are of no importance in the buttresses of the Mahasinghy bridge. No allotment was made in 1870-71 for the repair of old bridges or the erection of new ones, but in repairing hill roads, the wooden bridges that lie in the course of the road are taken as part of the road, therefore all the wooden bridges, but three, over streams, rivers, and nullahs, along the 70 miles of road named above, have been put in good repair for bandy traffic.

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ENCLOSURE No. 1.—Statement.

ENCLOSURE No. 2.—List of Roads.

THE Collector of Ganjam submits the report on the work of the Department of Public Works for 1870-71.

2. The grant for the previous official year was cut down in the course of that period by as much as Rupees 88,249, owing to the financial pressure, the district ultimately obtaining about a lakh of rupees only. The Budget allotment for the year under review was Rupees 1,30,148, of which only 76,671 Rupees were expended. Under *New works*, the allotment and expenditure show the following comparison:—

							Allotted.	Expended.
							RS.	RS.
Irrigation ...	...	...	...	...	...	...	52,177	1,915
Communications ...	...	...	...	...	...	...	800	603
Buildings ...	...	...	...	...	...	...	6,367	5,148

The great difference under Irrigation is because the "Rooshkoolia" project, for which 50,000 Rupees were assigned, is still undisposed of. The Government are aware that at present and for the second time since the last famine, the scantiness of the rain-fall is causing much anxiety and suffering in those tracts of Ganjam, which the Rooshkoolia scheme is designed to benefit.

3. The "Chilka Canal" is an important work of "communication." It was commenced at the close of the famine, and shortly afterwards completed in a rough way, so far as to open up a passage for boats from the Chilka lake to the port of Ganjam. In 1869-70, a sum of Rupees 40,000 was assigned for its improvement, but when about a seventh part of this allotment had been spent, the rest was disallowed owing to the general necessity for retrenchment. In 1870-71, Rupees 400 were sanctioned for it, the Government promising however that the matter would be considered when the appropriations for the Budget of 1871-72 came under discussion. The Board find, however, that it has no place there. They much regret this, for it has been repeatedly pointed out that it is necessary to the complete success of the canal not only to deepen and improve it, but to extend it, as is perfectly feasible, to the port of Gopaulpore. At present the traders who engage in importing rice from Cuttack to the Ganjam district unload their boats for the most part at Rumba on the Chilka lake, as before, whence the rice is conveyed at great trouble and expense, across unbridged rivers, further south.

Government Order, 6th October 1869, No. 3,216, Department Public Works.

4. In other directions Rupees 46,099, being nearly the full allotment, have been spent on Communication *Repairs*. For *new communications* the grant, *vide supra*, was next to nothing. Rupees 35,000 was however, it is observed, assigned under this head for 1871-72, and this has been increased to 53,050 by the Local Fund Boards. Adverting to the allowance for repairs, it is equally satisfactory to note that the figures for the current year (now transferred to the Local Fund

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Budgets) are Rupees 65,576, seeing that nearly 500 miles of road (18,650 Rupees being for the Great Northern Trunk road alone) share in the distribution.

5. The Collector complains again that sufficient funds are not allotted for new buildings. The Board pointed out in their last Review, paragraphs 11 and 12, Proceedings, 28th October 1870, No. 6,387, the great wants of the district in this respect; and it is to be regretted

Assigned	...	...	...	Rs.	6,367
Expended	...	...	...		5,118
Difference...					1,219

that what was assigned* in the year under notice was not all spent; and that very little is assigned in the current year's Budget.

6. Paragraph 20 to the close of the report are extracted from the report of Captain Smith, the Assistant Agent for the Hill tracts. The Board support his proposal to expend 500 Rupees for chunaming and matting the officers' Bungalow at Baliguda. He complains that there is no Budget provision for new roads in the Maliahs, but only for repairs. The Board observe that an annual grant of Rupees 10,000 has been obtained for new roads in the Vizagapatam hill country, which is certainly much more extensive, but not so liable to disturbing influences as the more unsettled tracts in Ganjam, where the people are all Khonds, without any real feudal superiors. The Board would recommend a fixed assignment of 5,000 Rupees for new roads in addition to the Rupees 5,000 allowed for repairs.

7. The three Sub-Magistrates in the Ganjam Maliahs still continue without Cutcheries. Captain Smith states that for 6,000 Rupees all three could be provided with suitable accommodation, including, it is presumed, lock-ups and subsidiary Jails. The Board note that this identical sum was inserted in last year's Budget for "a Sub-Magistrate's Cutcherry and subsidiary Jail in the Maliahs" but has since been omitted. If the same sum of money were made over to the Assistant Agent, the work would shortly be completed not for one but for all three stations. The estimate was probably for one of Mr. Chisholm's designs; but the class of buildings proposed by that gentleman is neither required nor would be suitable in the Ganjam hills, as already remarked by the Board, paragraph 15 of their last Review.

8. Paragraph 26.—The road from Birkote to Russelcondah here suggested will probably come under the consideration of the President and Members of the new Local Fund Board.

(A true Copy and Extract.)

(Signed)

J. B. PENNINGTON,

Sub-Secretary.

No. 398.

ORDER THEREON, 23rd February 1872, No. 512.

CIVIL WORKS, No. 16.

COMMUNICATED to the Superintending Engineer of the 1st Division.

has been considered in the orders of Government in the Revenue Department under date the 17th January 1872, No. 109.

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3. Paragraphs 5 to 7 will receive consideration when the Provincial Budget comes under review.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Acting Superintending Engineer, 1st Division.
.. Revenue Board.
.. Revenue Department.

1512. P.H.D.
Proceedings of the Madras Government
Read the following

Pro: of the Board
of Revenue (H. E. No. 45 of 6th Jan'y/72)

Communicated to the
Super Engineer of the 1st
Division.

The subject of the
Chilka Canal has been
considered in the orders
of Government in the
Revenue Department
under date the 17th Jan'y/72,
No. 109.

Paras 6 to 7 will re-
ceive consideration when
the Provincial Budget
comes under review.

Super Eng. 1st Div.
Rev: Board
Rev: Department

Dec 26/71

[Signature]

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C/ 345

Gobt. of 1872 Madras.

PUBLIC WORKS.

To the *Superintendent*
1st Division

Dated

Recd.

Encl. *2*

G. O 23rd *Feb* 1872, No. 512.

Nos. *397 & 398*

Public Works in the *Madras* District