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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 2944	Press ~~Mis~~
94-95	
Dated 5-12	1870.

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*Proceedings of the Madras Government, Public Works Department,
5th December 1870.*

No. 94. Read the following Proceedings of the Board of Revenue, dated 28th October 1870, No. 6,387.

Read the following letters:—

From the Acting Collector of Ganjam, to the Acting Secretary to the Board of Revenue, dated Chatterpore, 4th August 1870, No. 1,050.

I HAVE the honour to report on the Public Works of this District for the past official year 1869-70.

2. The Board will observe from Appendix C. of this report that out of the allotment for the year, Rupees 88,249 were surrendered on account of the "Deficit." Fortunately during the past year no serious damage was done to irrigation works or embankments by floods or storms, and as the roads and public bulidings were in a tolerably fair condition, the sudden and enormous reduction of the grant for the year has not to any extent affected the Pullic Works of this district.

3. *Communications.*—The expenditure on "Improvements to the general trunk road" was 11,126 Rupees. The grant for the year for the sandy portion of the trunk road between Teckaly, Raghinathpur to Cavety near Cassiboogah was Rupees 10,000; on the expenditure reaching 7,300 Rupees, the work was stopped for financial reasons. Five-and-a-half miles of this road appear to have been completed and maintained in good order.

4. The subjoined statement affords the information respecting Imperial roads required by Government to be supplied in the Annual Reports submitted by Collectors on the progress of Public Works:—

Description of the Road.	Total mileage.	Number of miles which have been maintained in order during the year 1869-70.	Number of miles of new road which have been completed during the year 1869-70.	Mileage still under construction.	Mileage not yet commenced.	Remarks.
Grand Northern Trunk Road No. VI. from Bengal frontier to Chicacole, comprising.	136½	32½	13	.....	—	
South approach to the Chicacole bridge ...	1	1	.....	.....	...	
Road from Cavety to Nowpada ...	12½	12½	.....	.....	...	
Road from Gopaulpore Port to Trunk Road No. 6 at Ampoovah.	6½	6½	.....	.....	...	
Road from Berhampore via Aska to Russelcondah.	49	19	.....	.....	...	
Road from Russelcondah via Mojogodo to the Bengal frontier en route to Sunkercole.	38½	29	.....	3	6½	
Road from Surada to Piplaponka ...	14½	.....	.....	5	3½	
Range Officer says ...	8½	.....	.....	.....	.....	
<i>Imperial Salt Roads.</i>						
Road from Chicacole to Calingapatam ...	17	17	.....	.....	...	
Road from Chicacole to Jagganathpur en route to Palakonda in Vizagapatam District.	25	15	.....	.....	...	
Road from Teckaly to Nowpada ...	5	5	.....	.....	...	
Road from Nowpada via Bomaly, Jeerjan-ghy, Jalmoor to Jagganathpur, on the Vizagapatam frontier.	36	14	2	.....	...	
Road from Beersola near Itchapur to Sonapur via Soorla Salt Pans.	6	6			...	
<i>Navigable Canal.</i>						
A Canal from the Chilka Lake to the port of Ganjam.	10½	10			...	

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<i>Malayah Roads.</i>						
Road from Birkote Pakeribundo via Dakpalla, Lokyabadi, Durmapur, Nowgaum, Baliguda, and Barakuma.	48	40			...	
Road from Udyaghi to Mahasinghi via Kusadandy, Gotingia, Sarungada, and Kurtheli.	38	38			...	Bridges broken.
Road from Lynepada to Baminagam via Padanpada, Purnagada, Udyaghi, Kotangra, Lindrakia, Boripanka, Degee, Daraugabady, Chorakia, and Sonpura.	80	41	3	12	...	The road from Degee to Saminawadi (about 15 miles) has become very bad.
Road from Padanpada to Udayaghi via Purnagada.	13	13			...	
Road from Saminawadi to Tumeribund via Bodaguda and Parigar.	31	10	None.		21	
Road from Baliguda to Kotgar via Buttiguda, Kurtamgar, and Tumeribundo.	40	12	None.		...	
Road from Posara to Purnagada ...	10	10			...	
Road from Baliguda to Budaguda ...	17	...	3	14	...	

5. *Agricultural Works.*—No important new work of irrigation has been taken in hand during the year. A channel at Nowry in the Chicacole Range costing 490 Rupees, two new sluices and two drains in the Russelcondah or Gumsur Range constructed for 285 Rupees, were the only new minor works of irrigation executed in the year under report. The repairs to works of irrigation were made at a total cost of Rupees 9,146, and appear to have been done satisfactorily, and the works are reported to be in good order.

6. The Cottapally Tampara Gara Channel, mentioned in the reports for 1867-68 and 1868-69, still remains in abeyance, as also Captain Beckley's projects for irrigating North Ganjam. That Officer is now engaged in examining the capabilities of the sub-division in respect to irrigation works of a productive character.

7. The grant for the year for the Chilka Lake Canal was Rupees 40,000, Rupees 6,097 only have, however, been expended. This money was spent, the Range Officer reports, in deepening the bed of the canal and in finishing and sloping the banks. The bed of the canal requires still further deepening to make it navigable throughout the year. A dredging machine is much needed. The traffic during the year has been trifling. Of the fifty boats which plied on the canal, thirty-three only brought paddy, and one timber to Ganjam.

8. *Civil Buildings.*—No Civil Building has been completed during the year under report. Several buildings were commenced; but from surrender of funds owing to the "Deficit" the works were put a stop to till further orders. The Subsidiary Jails still remain incomplete, and many buildings that needed repairs were left untouched in consequence of the restriction put on public expenditure.

9. No works of public utility were constructed during the year by private individuals.

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10. *WORKS IN THE SUB-DIVISION.*—The report of the Acting Principal Assistant Collector on Public Works and buildings in the sub-division is annexed:—

11. *Buildings.*—"The chief works in course of construction under this head were the Subsidiary Jails at Chicacole and Narasanapetta, both which were stopped some months ago for want of funds. The Narasanapetta Subsidiary Jail is very nearly completed. An allotment this year of Rupees 282 is all that is required for its completion, and of this sum Rupees 241 is for asphaltting the floor. In Kimedy, Government sanctioned the omission of asphaltte flooring for the Subsidiary Jail there—(Vide Proceedings of Government, No. 246, dated 19th February 1870,) and if the same departure from the standard plan were sanctioned in Chicacole and Narasanapetta, a considerable saving would be effected. At Narasanapetta the work can be completed for Rupees 41. The Chicacole Subsidiary Jail and Talook Cutcherry work is also far advanced towards completion; Rupees 4,500 have been expended on it, and Rupees 3,360 still remain to be expended if the standard plan is to be adhered to. I find that the estimate includes a new cook-room and latrine. The old ones still exist and are serviceable. If these are dispensed with, and also the asphaltting of the floor, a saving of Rupees 1,247 can be effected, and the work finished for Rupees 2,113. These works cannot remain in their present unfinished state without injury involving probably subsequent heavier expenditure."

11. "The Kimedy Subsidiary Jail will be finished and fit for use before the setting in of the approaching monsoon, Government having sanctioned the temporary appropriation of Estate funds for the purpose.

12. "As regards the corresponding work at Teekaly, (Raghunathpur,) nothing has been done beyond collecting material on which Rupees 400 were expended.

13. "Little has been done in the way of repairs to buildings. The Post Office and Police Hospital at Kimedy are the only buildings that have required repair, and the work has been done in a satisfactory manner.

14. *Agricultural Works.*—"No Minor New Works were executed by the Supervisor in consequence of orders he received at the beginning of the working season; but all the main channels are cleared and kept in good order, and also a considerable number of village tanks.

15. *Communications—I. Imperial.*—"The chief work under this head is the improvement of the trunk road, and this work is progressing slowly. A few tunnels have been built on the line of road on both sides of Nowpada, but it is still true that for several miles at this place the line of road is indicated rather by the telegraph wire than by the road itself. It seems that the Supervisor has done what he could with the funds at his disposal. Two miles of earthwork have been executed and about a mile and a half metalled and gravelled besides a quantity of materials collected.

16. "The want of a bridge over the Wumshadara river at Byree is greatly felt. In other parts the road is in passable order. So also are the other roads maintained from Imperial Funds, namely, the road from Chicacole to Calingapatam, that from Chicacole to Palcondah, that from Teekaly to Nowpada, (five miles,) that from Jagganathpur to Jeerjanghy, and the south approach of the Chicacole bridge (one mile).

17. *II. Local.*—"The new road from Alikam to Hiramundalum is in rapid progress. Earthwork to nineteen miles of road has been executed, and five miles have been gravelled. Four bridges and a large number of tunnels have been built along the line. The Range Officer expects to have it completed by next year. The Local Fund roads already existing have been kept in good repair, except the road from Raghunathpur to Bomaly, which, in some parts, is in very bad order."

18. *Travellers' Bungalows.*—"Of these there are four under the charge of the Chicacole Range Officer, namely, Gopaulpore, Pata Teckaly, Cassiboogah, and Hurripuram, all on the line of the trunk road. The bungalows at Cassiboogah, Pata Teckaly, and Hurripuram are in good order. The bungalows at Gopaulpore is, however, in a very dangerous state. On the 24th January last you sanctioned an estimate of Rupees 911 for its repair, which sanction I at once communicated to the Supervisor when I visited Gopaulpore about a month ago. I found no steps had been taken towards the carrying out of the repairs. The Supervisor has explained to me that funds have not yet (up to date) been allotted for the work by the Superintending Engineer. I am afraid that it is now too late to complete the repairs before the setting in of the monsoon, and, if so, I shall have to close the bungalow for a time, as the roof is not unlikely to fall in at the first burst of the rains.

19. (This bungalow has since the date of Mr. Hope's report been closed to the public.) Further information respecting travellers' bungalows in this district will be found in paragraph 13 of the report on Local Fund expenditure submitted to the Board on the 2nd ultimo, No. 867, statement No. 4.

20. *Works in the Gumsur Malayahs.*—The Public Works in these tracts, the Board are aware, are under the charge of the Junior Assistant Agent, Captain Lys, whose remarks on the progress and condition of the works are appended.

21. "The subjoined table shows the sums allotted, expended, and refunded on account of each description of work:—

Nature of Work.	Amount expended on each work.	Total.	Amount sanctioned.	Amount refunded.	Sale proceeds of old iron roofing.
<i>New Works.</i>					
Road from Baliguda to Sankasabally	RS. A. P. 1,161 5 0	RS. A. P.	RS. A. P.	RS. A. P.	
Road from Chorakia to Baminagam	431 10 3	.....	.....	.....	
New Bridges	46 5 8	1,592 15 3	5,000 0 0	3,407 0 9	
Sub-Magistrates' Cutcherries	.....	46 5 8	2,000 0 0	1,953 10 4	
			10,000 0 0	10,000 0 0	
<i>Repairs.</i>					
Baliguda Bungalow	1,209 3 4	1,209 3 4	300 0 0	.....	
Chorakia do.	20 0 0	.....	.....	.....	
Birkote do.	10 0 0	.....	.....	.....	
Nowgaum do.	10 0 0	.....	.....	.....	
Repairing roads from Udyaghiri to Baliguda, from Baliguda to Dakpala, and from Baliguda to Tumeribund	3,257 13 8	3,297 13 8	5,200 0 0	1,257 0 0	
Total...	.....	6,146 5 11	22,700 0 0	7,263 13 5	In 1869 Rs. 43-15-3. In 1870 Rs. 804-1-8.

22. "The rains last year did not cease till quite the end of October. Work was commenced about the middle of November. The sum, Rupees 10,000, allotted

for Cutcherries was surrendered intact, no expenditure having been incurred on that head except a small sum for tools. These tools were utilized in road making, and their cost was debited to the grant for roads.

23. "A sum of Rupees 46-5-8 was expended on two small wooden bridges in the neighbourhood of Udyaghiri. The whole grant could easily have been spent had it not been withdrawn. The want of good bridges is the greatest blemish in the Malayah roads.

24. "Two new roads were commenced, one from Baliguda towards Budaguda via Sunkasabally, the other from Chorakia towards Baminagam; about three miles had been completed on each of these roads, and some jungle in advance cleared when the order to stop work was received.

25. "The road from Baliguda to Tumeribund had become much overgrown with jungle, and the small wooden bridges were in a very bad condition; about ten miles of this road have been well cleared and repaired. The small bridges have been removed and replaced by Iron bridges. The road from Calingia via Udyaghiri to Baliguda, and that from Daspala to Baliguda have been repaired in places.

26. "The iron roof on the big bungalow at Baliguda proved a failure. It leaked during the rains; was intolerably hot during the hot weather, and gave forth alarming noises at all seasons of the year. When Mr. Carmichael visited Baliguda in February 1869, he permitted me to remove this roofing and re-place it by tiles. This change was effected during the past cold season at a cost of Rupees 1,209-3-4; but the sale proceeds of the old materials amounted to Rupees 848-0-11. Of this sum, Rupees 43-15-3 were realized last year, the balance, Rupees 804-1-8, this year. I beg that sanction may be obtained to apply this sum to meet the cost of tiling.

27. "I take this opportunity to submit my opinion that the Sub-Magistrates Cutcherries of the elaborate nature planned by Mr. Chisholm are not yet required in the Malayahs. Crime is rare among the Khonds. During the year 1869, the Sub-Magistrate of Tumeribund had only four criminal cases on his file. The erection of pukka buildings would, in the present imperfect condition of the roads, be attended with great cost. At most places in the Malayahs chunam is not procurable. To convey it from the low country on Elephants' backs would be injurious to the animals, as was proved in 1864 at Daringabady. Carriage by coolies would be tedious and expensive. I would respectfully suggest that the sum of Rupees 6,000 allotted this year to Cutcherries be diverted to the extension and repairs of roads."

28. I beg strongly to support Captain Lys' recommendation for the transfer of funds.

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5th December 1870.

A.

GANJAM DISTRICT.

Comparative Statement of Estimates and Expenditure during the years 1868-69 and 1869-70.

	Expenditure in 1868-69.	Expenditure in 1869-70.	DIFFERENCE.		Budget allotment of estimate of 1869-70.
			Increase.	Decrease.	
New Works.	RS.	RS.	RS.	RS.	RS.
Irrigation	3,136	1,229	...	1,907	1,426
Communications	13,077	27,225	...	35,852	29,093
Buildings	23,888	19,069	...	4,819	21,583
Repairs.					
Irrigation	20,535	13,858	...	6,677	14,500
Communications	47,827	35,208	...	12,619	35,731
Buildings	2,225	2,880	...	...	3,294
Total..	1,60,688	99,461	655	61,874	1,05,627

DOWLAISHWERAM,
16th May 1870.

(Signed)

J. F. FISCHER, Major, R. E.,
Actg. Supg. Engineer, 1st Division.
(Signed) G. ELLIS,
Acting Collector of Ganjam.

(True Copy.)

B.

List of Works, the estimated cost of which exceeds Rupees 500, each completed during the year 1869-70, and of those in progress.

	Estimate.	Total expenditure up to 31st March 1870.	Remarks.
Works completed.	RS.	RS.	
Road from Ganjam to Aska	62,700	62,602	
Works in progress.			
Subsidiary Jail at Narasanapetta	3,200	2,917	
Improvements to Chicacole Jail	7,860	4,500	
Sea Custom-house at Bavanapad	2,750	458	
Paving and draining round wells in the Cantonment at Berhampore	1,190	520	
Talook Cutcherry at Berhampore	11,764	3,170	
Subsidiary Jail at Chatterpore	1,300	595	
Do. do. at Ganjam	975	776	
Do. do. at Poorshotapore	2,590	497	
Do. do. at Itchapore	935	23	
Deputy Tahsildar's Cutcherry at Sompetta	5,240	1,785	
Police Station-house at Gopaulpore	1,146	1,008	
Subsidiary Buildings, etc., at Russelcondah	6,780	4,369	
Do. do. at Aska	3,970	1,636	
Road from Aska to Russelcondah via Ballipadra	46,170	44,028	
Chilka Canal Works	1,61,110	82,992	
Improving Trunk Road No. 6 between Chicacole and Bengal frontier	...	27,642	
Clearing and improving Ganjam Town	13,000	9,200	
Balliguda Magazine and Police huts at Poorshotapore	1,175	595	
Huts at Russelcondah	2,254	2,254	
Extending roads in Malayahs	17,600	4,800	
Bridges in Malayahs	2,000	46	

DOWLAISHWERAM,
26th May 1870.

(Signed)

J. F. FISCHER, Major, R. E.,
Actg. Supg. Engineer, 1st Division.
(Signed) G. ELLIS,
Acting Collector of Ganjam.

(True Copy.)

Proceedings of the Madras Government, Public Works Department,
5th December 1870.

C.

GANJAM DISTRICT.

List showing the original and revised allotment of the Ganjam District for the year 1869-70.

	Original allotment.	Revised allotment.	Difference, columns 2 and 3, which has been surrendered by Government.	Remarks.
1	2	3	4	5
	RS.	RS.	RS.	
Sea Custom-house at Bavanapad	2,750	373	2,377	
Police Stations	6,500	4,200	2,300	
Sub-Magistrates' Cutcherries, etc., in Malayahs.	10,000	200	9,800	
Improvements to Chicacole Jail	3,500	3,500	...	
Extending roads in Malayahs	5,000	3,497	1,503	
Improvements to Trunk Road No. 6	40,000	17,433	22,567	
Bridges in Malayahs	2,000	10	1,990	
Canal from Chilka Lake to Ganjam river	40,000	6,097	33,903	
Purchasing Mr. Lever's house for Jailor's quarters	400	400	...	
Road from Aska to Ganjam Port and Salt pans.	713	616	97	
Do. from Aska to Russelcondah via Bullipadra	2,037	1,425	612	
Cleaning and improving Ganjam Town	4,000	4,000	...	
Paving and draining round wells at Berhampore	1,190	520	670	
Sinking wells in the Cantonment at do.	820	...	820	
Subsidiary Jail at Nursempett	20	20	...	
Tahsildar's Cutcherry at Berhampore	690	690	...	
Subsidiary Jail at Chatterpore	430	430	...	
Do. do. at Ganjam	540	540	...	
Do. do. at Poorshotapore	380	380	...	
Do. do. at Itchapore	250	250	...	
Deputy Tahsildar's Cutcherry at Sompet	1,020	1,020	...	
Subsidiary Jail at Russelcondah	1,430	1,430	...	
Do. do. at Aska	810	810	...	
Do. do. at Purlah Kimeddy	2,340	2,340	...	
Military	200	...	200	
Minor New Works—Civil Buildings	500	480	20	
Agricultural	3,000	1,426	1,574	
Communications	1,000	15	985	
Tools and Plant—New supplies	200	210	...	
Repairs	400	400	...	
Repairs—Military	620	620	...	
Civil Buildings	2,000	2,611	611	
Agricultural	16,000	14,500	1,500	Addition.
Communications	43,636	35,731	7,905	
Miscellaneous Public Improvements	100	33	67	
Total...	1,94,476	1,06,227	88,249	

DOWLAISHWERAM,
9th July 1870.

(Signed)

J. F. FISCHER, Major, R. E.,
Acting Superintending Engineer, 1st Division.
(True Copy.)

(Signed)

G. ELLIS,
Acting Collector.

*Proceedings of the Madras Government, Public Works Department,
5th December 1870.*

From the Assistant Engineer in charge of No. 2 Range, Ganjam, to the Superintending Engineer,
1st Division, dated Berhampore, 3rd August 1870, No. 88.

With reference to your's, No. 1,357, dated 26th ultimo, I respectfully beg to inform you that, for the present, one dredge will be sufficient for the Chilka Canal, though the cutting through this small portion, which is only partially done, opens the navigation of seventy miles of the Coast Canal; it is a very insignificant portion and, only for the Port of Ganjam, there is hardly any object or inducement for boats to use the latter ten miles through which the Chilka Canal is cut. However, the Traffic Return of last month shows clearly that this line of communication is likely to be very extensively used, the boats in and out of canal up to the 28th were total 166, and since then, up to 30th, I learn more was passed through, or 180; probably 200 boats have passed through the canal in last month, and, from the information now before me, probably that number will be doubled in the current month, and, if this goes on till the lake falls to summer level again, it will have very beneficial effects and will materially aid the dredging operations that would otherwise be required; but I respectfully beg to inform you that the Ganjam Canal, though a perfect success in every respect in an Engineering point of view, and not the less satisfactory as a famine work for which the people are still loud in their expressions of gratitude for all the assistance then so generously afforded by the foresight and wisdom of a generous Government, cannot be expected to yield a fair return direct for the money expended thereon till it is extended further along the coast, or at least to the Port of Gopaulpore, where all the principal merchants reside, and where stores are located, as the Port of Ganjam is shunned by Europeans and native merchants on account of the unhealthiness of the place, though I believe myself Ganjam to be as healthy a climate as any in the Madras Presidency; parts of Ganjam District are feverish, but not Ganjam Town Port or its vicinity unless so far as is due to causes that are removable, *vide* my letter, No. 119, dated 8th February 1869. Already the native merchants apply for the extension of the canal to the Port of Gopaulpore, and I beg strongly to recommend this extension: I then truly believe, the canal will yield a direct profit of from 5 to 10 per cent. on the total outlay immediately: this I may add was the view that Captain Beckley took of the subject long ago, and it was by his direction I prepared the plans and estimates which were forwarded to Government with your's, No. 1,595, dated 26th July 1869, and with reference to Government Order, No. 3,216, dated 6th of October 1869. I now beg most respectfully to solicit the favour of your bringing the subject prominently to the notice of Government. I can positively assure you that the project, if carried out in connection with the Chilka Lake Canal, will prove a positive success. I have no hesitation in assuring you of this, and I am prepared to complete the project in one year, should you desire it, for the sum allotted in the estimate forwarded with mine, No. 199, dated 8th February 1869.

No. 7,120.

COPY submitted for the Board's information, with reference to paragraph 7 of the Public Works Report, dated 4th August 1850, No. 1,050.

CHETTERPORE,
15th August 1870.

(Signed) G. ELLIS,
Acting Collector of Ganjam.

In forwarding to the Board my report on Public Works in this district, and more particularly in respect to the Chilka Canal, I have to state that I was not in possession of the information contained in the above copy of Mr. Harris' letter, which only reached me on the 13th instant.

(Signed) G. ELLIS,
Acting Collector.

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5th December 1870.*

SUBMITTED for the information of Government.

2 With the first of the foregoing letters the Collector submits the Public Works report for the past year, and with the second he forwards a letter from the Assistant Engineer to the Superintending Engineer regarding the proposed extension of the Chilka Lake Canal.

3. On this latter subject Government* have already passed orders to the effect that the consideration of the proposed extension of the canal must lie over until the appropriations for the Budget of the year 1871-72 are brought under discussion. The Board, however, submit the letter for such further orders as Government may see fit to pass on the subject.

4. The original grant for the year 1869-70 in Ganjam was Rupees 1,94,476, but financial exigencies demanding a relinquishment of Rupees 88,249, the revised grant stood at Rupees 1,06,227, of which Rupees 99,469 were spent during the year. The retrenchment unfortunately fell on some of the most urgently needed works.

5. The following is an outline of the report:—

6. COMMUNICATIONS.—Imperial roads are classified as follows:—

1st.—General Roads.—There appears to be some clerical error in the figures contained in the statement, but it may be stated in round numbers that the length of such roads is 260 miles, of which 229 were maintained in good order, 13 were re-constructed, 8 were still under construction, and 10 had not been commenced.

2nd.—Salt Roads.—There are 89 miles of these roads which are now completed, 2 miles having been re-constructed.

3rd.—Malayah Roads.—Of 275 miles, 164 are in a more or less efficient state, 6 miles were newly opened during the year, and 26 were in progress at its close.

7. The Board consider it of the utmost importance that the Malayah roads should be pushed on with liberal grants, indeed the whole system of works which has been adopted for the Malayahs should be speedily and fully worked out, as the peace of the country depends in a great measure on its being effectively opened out.

8. The progress of Trunk Road No. 4, which is slow and unsatisfactory, likewise calls for liberality and for assiduity on the part of local officers.

9. In paragraph 16, the Collector points out the great inconvenience caused by the want of a bridge over the Wumshadara river at Byree, and there is no doubt that the bridge should, if possible, be completed without delay, as all traffic is stopped there at times during the monsoon.

10. The Ganjam and Chilka Canal is reported by the Collector to have been excavated throughout, but to be in a very incomplete state. The letter of the Assistant Engineer's submitted with the Collector's letter of 15th August, reports a great improvement in the traffic on the canal, and urgently points out the advisability of its extension to Gopaulpore as soon as possible. The Board consider the efficient deepening of what has already been cut of very great importance, for, if this is properly carried out, the water communication will extend during the rains from Sambalpoore *via* Cuttack on the Mahanuddy river to the port of Ganjam. This

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5th December 1870.*

cannot fail to be of very great value to the district and to that part of the Central Provinces to which the Mahanuddy river affords the means of water carriage.

11. No agricultural irrigation work of importance was undertaken in the principal division, and the Civil buildings which are left incomplete for want of funds are exposed to deterioration, or where they have not yet been commenced their want is much felt.

12. The Board are of opinion that early grants for the completion of those already begun should be accorded. In many cases the amount required is very small.

13. The last paragraphs of Mr. Ellis' report are devoted to the requirements of the Khond Malayahs.

14. Of an original grant of Rupees 22,700, Rupees 17,262 were withdrawn, so that little could be done by the Officer in charge of these works, Captain Lys, whose operations, so far as they went, were judicious.

15. Paragraph 27 contains a suggestion by Captain Lys which commends itself to the Board. He points out that Sub-Magistrates' Cutcheries of the class designed by Mr. Chisholm are not wanted in the Malayahs, criminal cases being very rare among the Khonds, and he suggests that "Rupees 6,000 allotted this year to Cutcheries be diverted to the extension and repair of roads."

16. The Board entirely concur with this proposal. They have already expressed their opinion as to the importance of communications in this tract, and recommend that cheap but durable offices be substituted for the more costly structures which are better suited to the requirements and means of the low country.

No. 95. ORDER THEREON, 5th December 1870, No. 2,944.

ESTABLISHMENT, No. 6.

COMMUNICATED to the Superintending Engineer of the 1st Division.

2. Referring to paragraph 15 of the Board's Proceedings the Government observe that the allotment of Rupees 6,000 for a Sub-Magistrate's Cutcherry at the Malayahs has been withdrawn* and diverted to other objects.

* G. O. No. 1,136, dated 29th April 1870.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Acting Superintending Engineer, 1st Division.

" Board of Revenue.

" Revenue Department.

Exd. E. C. Shunker.

*2944 P. W. D.
Proceedings of the Madras
Read the following
Proc. of the Board of
Revenue } (H. E. No. 6387 of 28th Oct/70)*

*Communicated
to the Super Engineer
of the 1st Division.*

*Referring to Para
15 of the Board's Proceed-
ings the Government
observe that the allot-*

** G. O. No. 1136 of 29th April/70. - ment of Rs 6,000 for a
Sub Magistrate's Cutcherry
at the Malayahs has been
+ withdrawn and diverted
to other objects.*

*To the Super Eng. 1st Div.
Board of Revenue
Revenue Department
Dec/27/70.*

W. B.

1250

Govt. of 1870 Madras.

PUBLIC WORKS.

To The Dy. Superintending Engr.
1st Division

Date

Recd.

Exd.

G. O. 5 Dec 1870. No. 2944.

Nos. 94 & 95

Public Works. No. 18-13
Revenue on the Collector's Report
on Public Works in the Gungam
District for 1870, Comd to the
Supergr. of the Dy. with
Remarks.