M.R.O. 14-5,450—22-10-25.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 2141 Press ~~Mis.~~

195-196

Dated 11—5—1867.

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department,
11th September 1867.

No. 195. Read the following Proceedings of the Madras Government in the Public Works Department:—

Passing orders on Board's Proceedings submitting report on Public Works executed in Nellore District in 1866-67. } (Here enter 7th September 1867, No. 2,763.)

No. 196. ORDER THEREON, 11th September 1867, No. 2,141.

Miscellaneous. Ordered to be recorded.

(True Extract.)

(Signed) F. H. WILKINSON,
Acting Under Secretary to Government.

Exd. S. T. Augustin.

No. 173. Read the following Proceedings of the Board of Revenue, dated 15th August 1867, No. 5,284.

Read the following letter from the Acting Collector of Nellore, to the Acting Secretary to the Board of Revenue, dated 12th July 1867, No. 203 :—

1. I have the honor to submit the Annual Report on Public Works executed in this district during the past official year 1866-67.

2. Subjoined is a general Comparative Statement of the expenditure incurred during the past two years :—

Works.	Expenditure of 1865-66.	Expenditure of 1866-67.	Difference.	
			Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.
New Works.				
1. Communications	45,742	48,858	3,116	.....
2. Irrigation	17,548	24,843	7,295	.....
3. Buildings	7,960	5,977	.....	1,983
Total...	71,250	79,678	10,411	.....
Repairs.				
1. Communications	39,003	44,376	5,373	.....
2. Irrigation	25,245	27,408	2,163	.....
3. Buildings	2,768	1,775	.....	993
Total...	67,016	73,559	6,536	.....
Grand Total...	1,38,266	1,53,237	17,947	.....

3. Communications.—Under this head the expenditure amounted to Rupees 48,858, which is an excess of Rupees 3,116 over the expenditure of the previous year. Out of this sum, Rupees 12,947-5-8 was laid out on Trunk Road No. VI., in the construction of certain masonry works between the 116th and 187th mile-stones, and in improving a portion of the road itself, and putting aprons to tunnels between the 49th and 95th mile-stones. The most important masonry work to be noticed is the bridge across the Paideru river. By the end of the official year the whole structure had been raised to the springing line, two arches turned, and the third in an advanced state. Further, on the same Trunk Road No. VI., Rupees 18,741-15-5 were laid out in prosecuting the construction of an embanked road, and masonry works across the Musunur valley, referred to in paragraph 4 of the last Report. The earth-work of the embankment has been finished, except close to the unfinished bridges. The Musunur and Pillavagu bridges have been completed. Of the Munganur bridge, three of the arches have been turned, and four of the Tullapoliam viaduct, while a considerable quantity of materials have been collected for the Ubbalivagu bridge.

4. In completing the Kottapatnam and Ongole road to Cumbum, Rupees 5,624-7-10 were spent this year; on the road from the Dorenal pass *via* Nellore to the beach at Krishnapatnam Rupees 9,581; on a portion of the road leading from Koppolu on the Ongole and Kottapatnam road to the Vinayakuni salt platforms near Biramgunta Rupees 525; and on the road from Dugarazupatam to the Salt Cotaur Rupees 1,439. The expenditure noticed in this paragraph has been for the

development of the salt revenue and the improvement of the means of access to salt stations.

5. Under the head of "Repairs to Communications" the expenditure was Rupees 44,376, being Rupees 5,373 more than last year, consisting of the annual grants allowed by Government at a certain rate per mile on Trunk Roads Nos VI. and VII.; the road from Cumbum to Kottapatnam *via* Ongole; the road from the Dorenal pass *via* Nellore to Krishnapatnam; and the road from the foot of the Rapur ghaut to Gudoor besides minor repairs.

6. IRRIGATION WORKS.—On new works of irrigation in the year under review there was an expenditure of Rupees 24,843, which is an excess of Rupees 7,295 on the previous year. On repairs the expenditure amounted to Rupees 20,408, which is an excess of Rupees 2,163 above the year before.

7. There is subjoined the Comparative Statement usually given by Mr. Dykes, showing the aggregate expenditure both for New Works and Repairs on works of irrigation, compared with the revenue :—

Names of Talooks.	Area irrigated and the assessment as adjusted for 1866-67.		Expenditure under the Public Works Department during 1866-67 on works of irrigation.		Total.	Comparison of expenditure with revenue.	
	Area.	Assessment.	New Works.	Repairs.		On Repairs.	Total.
	Acres.	Rs.	Rs.	Rs.		Per Cent.	Per Cent.
Gudur	36,105	1,90,669	1,233	5,193	6,426	3	3
Rapur	4,284	25,479	.....	2,339	2,339	9	9
Nellore	80,864	3,42,256	6,492	6,033	12,525	2	4
Atmakur	16,793	77,716	141	3,840	3,981	5	5
Kavali	14,535	77,955	2,470	1,747	4,217	2	5
Udayagiri	1,149	7,096	334	638	972	9	14
Kandukur	9,599	57,359	421	679	1,100	1	2
Ongole	2,396	15,617	05	1,152	1,247	7	8
Kanigiri	689	4,380	.....	.....	.....	.....	.....
Total...	1,66,413	7,98,527	11,186	21,621	32,807	.....	.....
Expenditure on the Pennair Anicut distributed over two talooks ...	.....	.....	.....	2,458	2,458	.....	.....
Do. do. Jaffer Sahib Channel	.....	.....	1,786	3,142	4,928	.....	.....
Do. Sarvapalli new cut from Jaffer Sahib Channel ...	.....	.....	101	.....	101	.....	.....
Krishtnapatnam Canal	.....	.....	3,000	187	3,187	.....	.....
Pennair embankments	.....	.....	8,770	.....	8,770	.....	.....
Total...	.....	.....	13,657	5,787	19,444	.....	.....
Grand Total...	1,66,413	7,98,527	24,843	27,408	52,251	3½	7½

8. The Board will observe that only 3½ per cent. of the revenue has been laid out on Repairs, and 7½ per cent. on irrigation works altogether. In the current year, the Sarvapalli Irrigation project is being undertaken, but I would urge that a larger allotment of funds should be annually made for the purpose of

agricultural repairs. I have this year had complete lists made of all tanks, channels, &c., requiring repair, and have forwarded them to the Department of Public Works; but of course, the funds available will only allow of a selection being made of works of the most emergent character, and until the works of irrigation are put into order, it cannot be surprising that a large sum is annually lost to Government under the head "Waste charged free and remitted," a sum which, for Nunjah, amounted in Fusly 1275 in this district to Rupees 1,41,403, besides Rupees 9,185 for Shavy. Of course, to some extent, the amount will be affected by the state of the season, but it will be very largely regulated by the state of repair of the tanks and channels.

9. BUILDINGS.—The expenditure on New Buildings was Rupees 5,977, the chief item in which was an outlay of Rupees 3,295 on the Nellore Jail and the Hospital connected with it, which have been greatly improved. The new wards are airy, and commodious, and well ventilated. The front quadrangle still remains to be undertaken. The Talook Cutcherry at Ongole, built on the standard plan, has also been completed within the year, with the exception of some plastering, &c.

10. The outlay on "Repairs to Buildings" was Rupees 1,775, and calls for no remark. It consisted of repairs to the Court-house and District Munsiff's Court at Nellore, the Centre Range Officers' store on the north bank of the Pennair, and the conversion of the old Barrack at Ongole into an Office for the Range Officer.

11. With reference to Board's Standing Circular No. LXXXI., dated 7th November 1865, the reports, received from the Acting [illegible] Acting Head Assistant, of the progress of Public Works in their respective Ranges during the year under report, are transmitted herewith.

From the Acting Sub-Collector, to the Acting Collector of Nellore, dated Ramapatam, 30th June 1867, No. 91.

1. I have the honor to report on the operations of the Public Works Department, in the Sub-division of the Nellore District during the year 1866-67.

2. As I have only very recently joined the district, my report must be necessarily meagre in its observations upon work performed, and I cannot pretend to make suggestions for future operations until I am more fully acquainted with its requirements.

3. The total expenditure of Imperial Funds during the year under review was 22,893 Rupees, as stated in detail in the margin.

IMPERIAL FUND.

NEW WORKS.

	Rs.
Communication	2,662
Irrigation	516
Buildings	6,149
Total ...	9,327

REPAIRS.

	Rs.
Communication	360
Irrigation	1,831
Buildings	11,375
	13,566
Grand Total ...	22,893

LOCAL FUND.

ORIGINAL WORKS.

Communication	5,141

REPAIRS.

Communication	331
	5,472

4. Trunk Road No. 6 is in capital order from the southern point where it enters the Sub-division as far as Tangutur, except where it is broken.

First.—Some four or six miles south of Singarayakonda by an unmade piece of about 100 yards where the track passes through some low marshy ground.

Second.—A couple of miles or so south of Singarayakonda there is another breach caused by the river Mannair, on the south side.

I was very glad to see, that the road is made almost up to the very bed of the river. I do not see why this course should not be adopted at all rivers and large nullahs, but generally the roadway

is left unfinished some distance from the river or nullah; curiously enough at this very river while on the south side the road has been made up to the bank as I have said, on the north side, a heavy sandy piece of ground has to be traversed for some distance after leaving the bed of the stream. Probably these roadways are not finished as a rule up to the bed of the stream, because it may be intended at some future period to bridge the rivers or nullahs; but as in very many cases the bridges will be a work of years, I confess, I think, it would be quite worth while to metal a roadway close up to the river.

Third.—Between Singaraykonda and Tangutur the river Paleru breaks the road.

5. From Tangatur to Nayadupalem, a distance of some four miles, the road has either not been made at all, or the metal put down has been washed away. It strikes me that wherever bridges or culverts have been erected, the roadway immediately over them should be metalled and kept in repair, even if the rest of the road cannot be finished. I noticed the bricks in one bridge or culvert about here were being worn away from the friction of cart-wheels upon them without the intervention of road material. Fortunately a good fair-weather track runs nearly parallel with the gap from Tangatur to Nayadupalem.

6. From this latter point, the road is again metalled and in good order, getting better on the other side of Vulloor, it is a little cut up near Ongole, but I noticed the other day that material had been collected for its repair.

7. Trunk Road No. 7, from Ongole northwards as far as Velampalli, appeared to have very little depth of road material upon it, and would not stand much rain, I should imagine; but from the appearance of the country, gravel must have to be brought from some distance. There is a breach at Vellampalli caused by the unbridged river Gundlacumma. Thence northwards as far as Addanki the road is fair. I have not seen it north of Addanki.

8. I have not seen the piece some fifteen or twenty miles east of Podile of the Cumbum road, but with the exception of a heavy sandy piece at the bottom of the Vemulapad ghaut, the rest is in very good order, being well made and sloped down to the nullahs.

9. The road between Ramapatam and Tettu is in capital order.

10. The Kottapatam Ongole road I have not seen, but I learn that it is progressing satisfactorily.

11. The Ongole Talook Cutcherry is finished, and, as far as an unprofessional eye can judge, is everything that could be wished.

12. The Tangella Police station, I am informed, has not been built satisfactorily, as the roof leak, and the walls are cracked.

13. The agricultural works I have not seen, but they are reported to have been efficiently performed.

From the Acting Head Assistant Collector, to the Acting Collector of Nellore, dated 25th May 1861.

1. I beg to submit the information relative to the Public Works in my division called for in your docket, No. 29, dated 1st May 1867. I have deferred replying to it till my return from my talooks, in order that I might be able to speak from personal observation.

2. The Public Works consist of three classes: Roads, Irrigation Works, and Talook Cutcherries. On the Subsidiary Jails included in the latter, I shall report separately as directed.

3. Roads.—The Division is even worse off for roads than the rest of the district. The only roads worthy of the name are, in the Udayagiri talook, the roads leading over the Dorenala pass to Badvail, and in the Kavali talook, the Trunk Road No. 6. I have seen the whole of the old Dorenala road within the Udayagiri talook and the whole of the new, except two or three miles at the eastern extremity near Bhimavaram. The two join at Kadanelipad. The traffic which is considerable seems to follow the old road almost altogether. I believe the incomplete state of the new road north of Mahimalur in Atmakur talook is the cause of this. The old line is also more direct. From Cadanelipadu to Pallavole this road is a mere track through the jungle, over beds of large loose stones and across nullahs, and so rough that it is a marvel to me how heavily-laden bandies get over it. East of Pallavole some labor appears to have been expended on making a road, but the embankments, &c., are now useless. The new road from the foot of the hills about two miles to the west of Maripad to the foot of the Ghaut proper, about the same distance west of Kadanelipad, is a very fair road. It is broad, smooth, and hard, but this is to be attributed, not to the amount of labor expended, but to the exceptionally favorable character of the soil, which consists of hard gravel. To make the road, nothing was required but to clear the jungle, remove the large loose stones, and dig trenches at the sides. This is all that has been done for the ghaut itself, but not under such favorable conditions; the road is still fearfully rough; to ride over it faster than at a walk, is impossible. I have received no information as to the amount expended during the past year, but saw no signs of new work. No metalling has been laid down. It might easily be made a really good road, as there are no very bad nullahs, and the gradients are not steep. Judging by the eye one is apt to be mistaken; but I should say that, except at the edges of nullahs, the steepest slope is one in twelve, and that is but for a short distance. Near Maripad and to the east, the road is merely traced out. There is no other road in Udayagiri. A trace exists in places between Nandavaram and Udayagiri, but it cannot be called a road. The largest piece traced is about five miles, between Udayagiri and Nandipadu. In Kavali talook, the only roads are, the trunk road and the Sangam and Kaligiri road for a few miles. The break in the trunk road at the Musunur valley still exists, and I am afraid there is little chance of its being open for traffic before the rains. Of the five bridges three are nearly complete, one about half built, and one not even commenced; while the whole length, about three miles, has to be metalled. The remainder of the road cannot be said to be in as good repair as such a road should be: It is deeply rutted in many places and much worn everywhere, yet I saw nowhere, except for about ten yards, near, Gowravaram, any sign of even a shovel-full of gravel having been spread on it, though there are heaps of gravel, in some places three deep all along the sides. No traffic has yet passed over the Kaligiri road, which has been, however, ordered to be pushed on with all despatch; yet I do not think that this road is at all comparable in importance to the Dorenala road, which is the great artery of communication between the whole of this district and the interior. The jungle has been cleared for a road from Kavali to Kaligiri, but I am informed that the trace is so rough that it is not used at all by bandies.

4. Irrigation Works.—With regard to these I know very little from my own observation, but you will have ere this received from the Tahsildars the lists of repairs necessary, from which it will appear that of sixty-six works in Kauli, thirty-one only are in good repair, and of these six require some new sluices and channels, and some repair to the old ones. I have not received the list from Udayagiri.

5. Talook Cutcherries.—The Talook Cutcherry at Kavali is in excellent repair. The same cannot be said for Udayagiri. The Cutcherry there is a very old building, on a bad site, to repair which is like putting new cloth on an old garment, and I think it would be better to have a new one built. Some repairs are, however, most urgent. The roof of the whole is very bad, and especially that of the shed—it is nothing else—in which the records are kept. There, the light appears through the roof in many places, and I am told, and can easily believe, that water streams through in the rainy season. A new gable of mud was built for this shed a little while ago by the Department of Public Works, but the state of the roof was apparently not noticed. It is absolutely necessary that the roof should be repaired before the next rains, else serious injury to the records will result. It would be better to destroy them at once than to find a few years hence that they are past keeping from neglect. I find that this state of things was brought to the Collector's notice in December last by Mr. Clogstoun, who was in charge of my Office before my arrival, but nothing, as far as I am aware, has been done. I have requested the Supervisor in charge of the Range to furnish, with the least possible delay, an estimate of the cost of repairing the roof of the Cutcherry, and this, when received, shall be submitted. The matter is urgent, and the amount will, I should think, be within that which you are empowered to sanction without reference. Part of the wall of the Cutcherry enclosure has also fallen down.

Proceedings of the Madras Government, Public Works Department, 7th September 1867.

Proceedings of the Madras Government, Public Works Department, 7th September 1867.

1. Resolved that the foregoing letter be submitted for the information of Government.

2. The Board regard the Head Assistant Collector's report (enclosed) on the state of the roads in his district, as anything but satisfactory; but some of the roads are "Local," and funds for the repair of these will now be available.

No. 174. ORDER THEREON, 7th September 1867, No. 2,763.

ESTABLISHMENT, No. 22.

1. Communicated to the Superintending Engineer of the 2nd Division, who will give his attention to the remarks contained in paragraphs 4 and 5 of the Acting Sub-Collector's letter.

2. Colonel Winscom will report the cause of the present unsatisfactory condition of the Tangella Police station, and the name of the Officer who superintended the construction of the building.

3. Adverting to paragraph 5 of the letter from the Acting Head Assistant Collector, the Government observe that an estimate of Rupees 11,425 was approved of in G. O. No. 1,794 of the 21st June 1864, for the construction of a new Talook Cutcherry at Oodiagiri. This estimate will have to be revised with reference to paragraph 33 of the Proceedings of Government No. 3,938, dated 14th Decembe 1866, and to subsequent orders.

(True Extract.)

Colonel, R. E.
Secretary to Government.

To the Superintending Engineer, 2nd Division.
,, Revenue Department.
,, Judicial Department.
,, Board of Revenue.

Revenue 1867. Oct 7th
Rec'd from Govt for Sept—
No. 2425
Proceedings in the
P. W. Department—

Dated 7th Sept
Received 9th 1867.
No. 2763—

Superintendent
on Board to furnish
a Report on Public
Works expended in the
District in 1866/67.

No. 195.196.

No. 2141.
Received
11th Sept 1867