

(1) Number of pages 12(2) Date of repair Oct 1944

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.***Public Works* **DEPARTMENT.**

G.O. No.	3098	Press Mis.
Dated 27-10-1894		

Not to be folded or roughly handled

No. 538. Read the following Proceedings of the Board of Revenue, dated 10th October 1864, No 6,656.

Read the following letters :—

From J. W. B. DYKES, Esq., Collector of Nellore, to W. HUDLESTON, Esq., Secretary to the Board of Revenue, dated 3rd September 1864, No. 292.

1. I have the honor to report on Public Works in this District in 1863 64.
2. Rupees 95,000 are put down to "Public Improvements;" but of this sum Rupees 55,000 are for works of irrigation; and I think it is to be regretted that a nomenclature is adopted so calculated to mislead, and so disadvantageous to countries that require from their climate much assistance in this respect. The 55,000 Rupees are a revenue charge.

3. Rupees 40,000 is the sum really spent for the public, and I am glad to add to advantage on the whole. It is a matter for congratulation that our Trunk Road No. 6 is really becoming a road, instead of a chain of detached specimens. With the big causeway as long as the Pennair anicut finished at Guduru, Trunk Road No. 6 from the thirty-fifth mile from Madras to the Musunuru valley, will soon be a continuous road in the wild country beyond Kaval, it is getting into shape; in the Sub-division much of the road is in very fair order; and before long it will only be the big rivers, the Manubole drainage, and the Panangad backwater that will arrest the free transit of goods through the whole length of the District; and for the rivers causeways laid flush with the bed, like the Vigay at Madura, would be amply sufficient; whilst for Manubole, we have, I believe, received sanction, and for the Panangad backwater, estimates have been prepared that cannot too soon be carried out.

4. With a small exception, our expenditure on new works has been wholly to the north of the river, and some 22,000 have been laid out in the Ongole Taluq, where, I am sorry to hear, breaches have occurred in the late rains, and carts have been detained in consequence. When I was up there in January, I noticed we were doing a good deal in earth; an expenditure I am never very partial to; and probably it is some of the big banks I then saw that have given way, and will have to be repaired next year. They make it pleasant to drive, after they have hardened and been metalled; but, dirt on a large scale, they yield like a pack of cards to fresh water. A gap stops traffic; and, were we less aspiring, and more attentive to causeways, I question whether we should be further from providing effectively for the wants of the country, whilst assuredly less likely to build works the first floods will wash away.

5. The Ongole and Kottapatnam road to date shows an expenditure of Rupees 39,292* of which, as shown in the margin, Rupees 9,448 have been expended from the Local Funds, and should, I think, be made good from the Imperial, for it is a through line and made on this understanding, though when it will get through I don't know; for the estimate was 50,000 Rupees; and my last news of what has been done with little short of 40,000 was not encouraging.

6. Some seven miles of earth work and metalling, I am informed, have been completed, and the latter worn out about half the distance. In the seventh to the eighth mile we have the nine-arch bridge, the piers* of which I saw being built with broken bricks. Some banking and

* Or rather foundations of arches.

	Rupees,
* Expenditure from Local Funds up to the end of the official year under report, or up to 30th April 1864	9,448
Do. do. do. from Imperial Funds	27,056
Expenditure from Imperial Funds in May, June, and July 1864	2,788
Total	39,292

*Proceedings of the Madras Government, Public Works Department,
27th October 1864.*

metalling have been also done in this mile, and materials collected, which brings us into the coast swamp on the other side of which is Kottapatnam. From Koppole, three miles out of Ongole, the traffic takes the old line; the wear and tear is therefore due to the carts employed on the work; and these being the results; and a street laid down in Kottapatnam completing an expenditure of nearly 5,000 Rupees a mile, how the difficult swamp is to be satisfactorily disposed of, the materials brought into shape, the additional wat-rway provided, and the road completed through heavy sand from Kottapatnam to the beach is difficult to be seen, and an unsatisfactory prospect to look at especially as regards cotton.

7. Another item north of the Pennair is the new line of the Dorenal and Nellore, which in my last report I have referred to as another great cotton outlet. I hear good accounts of the progress made on this line, which I hope myself to visit in the course of the current month; and as I will report specially on the progress made, should it seem to require it, to this expenditure of Rupees 9,000, I will not further refer now.

8. A fine Bungalow has been built at Guduru, the most central spot south of the Pennair, and completes the expenditure in behalf of the public in the matter of new works of any importance.

9. Irrigation progresses most satisfactorily. Our expenditure in this department during the last year has, I am glad, been free from what is open to trickery; and with 39,000 Rupees on the anicut distributing works, on tanks we have laid out 15,000, not in making them higher, a hill here and hollow there, but making them safer, and building sluices, instead of allowing the Ryots to cut banks we had been at pains to raise, or at all events had paid for raising.

10. The main items in the anicut works are widening, constructing regulating works, and otherwise making more effective the main lines; and, conducted by Lieutenant C. J. Smith, R. E., the District has been fortunate in the superintendence; whilst in the matter of tanks, under the same superintendence, we have been adding still to the strength and beauty of the Nellore

tank,† putting another big reservoir, Viranakapur,‡ also in thorough repair, and adding to what I hope will prove a satisfactory investment, viz, Alluru, Rupees 1,092, the remainder of the expenditure being in smaller sums, but equally profitably laid out.

11. A lac completes our expenditure on new works, the odd 5,000 being Constabulary huts for the general force and salt guards.

12. And a lac and 69,000 Rupees completes the total expenditure of the Public Works Department from Imperial Funds in Nellore in 1863-64, and leaves it open to doubt whether the wants of the District have been met in the matter of repair. With the cotton traffic we have got, I fear our expenditure is not enough. We have only one Officer for seventy miles; and he has the anicut. Where is his establishment for the forty miles in the Zemindary tracts?

13. Again, are our irrigation works receiving the attention they ought in the matter of providing funds for repairs. Rupees 7,000 being repairs on the anicut are 15,000 enough for our tanks? I fear not. And the next monsoon, if it is heavy, will decide the point. Meanwhile I close this report by a Statement similar to that furnished last year, and showing, in the principal division, an increase in the area of twenty thousand acres, in the revenue a lac. In reality the actual increase is only a small portion of this amount, which chiefly consists of the irrigated area in villages previously rented, and Sriharikotta, &c. But to a certain extent, there is also a *bona fide* increase. And whether increase or transposed, for an irrigated area of one lac and twenty thousand acres, and a revenue of six lacs our repairs, it will be observed, have been only two per cent., and the Board will be able to form an opinion as to whether so small an amount is likely to meet the requirements of a country where the tanks are ill provided with the requisite masonry works, and, generally shallow, have long and ill defended banks that are difficult to keep in good order.

*Proceedings of the Madras Government, Public Works Department,
27th October 1864.*

Statement showing irrigation expenditure, Talukwar, and with reference to the area irrigated, in 1863-64.

Names of Taluks.	Area irrigated and the assessment as adjusted for 1863-64.		Expenditure under the Public Works Department during 1863-64 on Works of irrigation.		Total expenditure under the Public Works Department during 1863-64 on works of irrigation.	Comparison of expenditure with assessment as shown in Column 2		Remarks.
	Area.	Assessment	New Works.	Repairs.		On repairs.	Total	
Names	Acres	Rupees	Rupees	Rupees	Rupees	Per cent	Per cent	
Guduru	30,971	1,70,602	5,366	5,773	11,139	3	7	
Rapuru	3,300	18,561	934	143	1,077	1	6	
Nellore	60,301	2,81,403	8,248	1,802	10,050	1	4	
Atmakuru	11,855	64,440	...	522	522	1	1	
Kavali	12,715	67,969	227	2,403	2,630	3½	4	
Udayagiri	966	5,662	...	...	...	...	...	
Total ...	1,20,108	6,08,637	14,775	10,643	25,418	2	4	Principal Division.
	1,00,781	5,12,489	24,682	10,602	35,284	2	7	Do. Division total for 1862-62.
Kandukuru ... ..	.....	.....	882	5,055	5,937	...	...	
Kanigiri ... ..	.....	.....	...	...	.....	...	...	
Ongole ... ..	.....	.....	...	...	.....	...	...	
Total ...	.....	.....	882	5,055	5,937	...	...	Sub-division.
	...	.....	15,657	15,698	31,355	...	...	
Expenditure on the Pennair anicut distributed over two Taluks.	.....	.....	...	4,358	4,358	...	...	
Do. do. Jaffer Sahib Channel.	.....	.....	11,555	248	11,803	...	...	
Do. do. Sarvapalli new cut from Jaffer Sahib.	.....	.....	12,761	1,377	14,138	...	...	
Do. do. Sarvapalli Channel.	.....	.....	...	490	490	...	...	
Do. do. Canal of Irrigation from Nellore to Krishnapatnam.	.....	.....	15,088	1,261	16,349	...	...	
Total ...	.....	.....	39,404	7,734	47,138	...	...	
Grand Total ..	.....	.....	55,061	23,432	78,493	...	...	

ENCLOSURE No. I.

ABSTRACT.—Statement showing the particulars of expenditure on Public Works in the Nellore District during the official year 1863-64.

From J. W. B. DYKES, Esq., Collector of Nellore, to W. HUDLESTON, Esq., Secretary to the Board of Revenue, dated 19th September 1864, No. 308.

I have the honor to acknowledge the receipt of your Official Memorandum of the 14th instant, and give below the abstract statement of the expenditure incurred on account of New Works and Repairs, in 1863-64, in comparison with the year preceding, as required in Board's Circular, No 4,412 of 27th September 1860, which I regret I by an oversight overlooked when submitting my report on Public Works for 1863-64.

* The Sub-division is not given owing to the Revenue Returns not having yet been received.

*Proceedings of the Madras Government, Public Works Department,
27th October 1864.*

(Letter No. 292 of 3rd September 1864.)

WORKS.	Expenditure of 1862-63. Rupees.	Expenditure of 1863-64. Rupees.	DIFFERENCE.		Estimate of 1863-64.	Remarks
			Increase. Rupees.	Decrease. Rupees.		
<i>New Works.</i>						
Irrigation	66,034	55,061	...	10,973	...	
Communications ...	37,120	40,228	3,108	...	...	
Buildings	7,445	4,868	...	2,577	...	
Total...	1,10,599	1,00,157	3,108	13,550	...	
<i>Repairs.</i>						
Irrigation	18,331	23,432	5,101	...	...	
Communications ...	39,513	45,003	5,490	...	...	
Buildings	1,162	781	...	381	...	
Total...	59,006	69,216	10,591	381	...	
Grand Total...	1,69,605	1,69,373	13,699	13,931	...	

1. Submitted for the information of Government. Attention is requested to the Collector's remarks on the Kottapatnam road works; on the advisability of substituting paved flush causeways generally for raised embankments and viaducts; and on the insufficient provision for necessary repairs to irrigation works.

2. The Collector will report separately regarding the expenditure of local funds on the Kottapatnam road.

(True Copies and Extract.)

(Signed) W. HUDLESTON, Secretary.

No. 539.

ORDER THEREON, 27th October 1864, No. 3,098.

1. The foregoing report will be communicated to the Superintending Engineer, 2nd Division, whose attention will be drawn to the remarks of the Collector in paragraphs 5 and 6. Colonel Anderson will report on the extent and description of the work which has been carried out on the Ongole and Kottapatnam road, and on the sufficiency or otherwise of the sanctioned estimate. It is observed that in Proceedings of 3rd August last, No. 2,224, a sum of Rupees 1,200 was allotted for maintaining eight miles of this road in repair during the current official year. The Government trust that this money is now being expended in placing in order the portions of the line which, at the date of the Collector's report, were represented to be worn out.

2. Mr. Dykes urges the expediency of making an increased provision of funds for irrigation repairs. The expenditure under this head in 1863-64 amounted to Rupees 23,432, which was Rupees 5,101 in excess of the outlay of the previous year. The available grant in the Budget of the current official year under "Agricultural," after deducting transfers, is Rupees 43,300, which it is hoped will to some extent meet the requirements of the District as regards the repair of its works of irrigation. When the Budget of 1865-66 is under preparation, the question of making a more liberal provision will be considered.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

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

Exd. T. O'Connor.

No. 6,656.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 10th October 1864

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* Or rather foundations of arches.

* Rupees 3,198.
† Rupees 4,668 in addition to the sum of Rupees 4 679 for repairs.

Statement showing irrigation expenditure, Talukwar, and with reference to the area irrigated in 1863-64.

Names of Taluks.	Area irrigated and the assessment as adjusted for 1863-64		Expenditure under the Public Works Department during 1863-64 on works of irrigation.		Total expenditure under the Public Works Department during 1863-64 on works of irrigation.	Comparison of expenditure with assessment as shown in Column 2.		Remarks
	Area.	Assessment.	New works.	Repairs.		On repairs.	Total.	
Names,	Acres.	Rupees.	Rupees.	Rupees.	Rupees.	Per cent.	Per cent.	
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Total...	1,20,108	6,08,637	14,775	10,643	25,418	2	4	Principal Division
	1,00,781	5,12,489	24,682	10,602	35,284	2	7	Do Division total for 1862-63.
Kandukuru			882	5,055	5,937	...	...	
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Total...			882	5,055	5,937	...	...	Sub-division.
			15,657	15,698	31,355	...	...	
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Total...			39,404	7,734	47,138	...	...	
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• The Sub division is not given owing to the Revenue Returns not having yet been received

(Letter No. 292 of 3rd September 1864)

WORKS.	Expenditure of 1862-63.	Expenditure of 1863-64.	DIFFERENCE.		Estimate of 1863-64.	Remarks.
			Increase.	Decrease.		
<i>New Works.</i>	Rupees.	Rupees.	Rupees.	Rupees.		
Irrigation	66,034	55,061	...	10,973	...	
Communications	37,120	40,228	3,108	...	...	
Buildings	7,445	4,868	...	2,577	...	
Total...	1,10,599	1,00,157	3,108	13,550	...	
<i>Repairs.</i>						
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Total...	59,006	69,216	10,591	381	...	
Grand Total...	1,69,605	1,69,373	13,699	13,931	...	

1. Submitted for the information of Government. Attention is requested to the Collector's remarks on the Kottapatnam road works; on the advisability of substituting paved flush causeways generally for raised embankments and viaducts; and on the insufficient provision for necessary repairs to Irrigation works.
2. The Collector will report separately regarding the expenditure of local funds on the Kottapatnam road.

(True Copies and Extract.)

[Signature]
Secretary.
8 March / 64 - 697

To Colonel C. A. Orr, R. E., Secretary to Government, P. W. D.,
with a Statement.
Copy to J. D. Sim, Esq., Secretary to Government, R. D.
" to J. W. B. Dykes, Esq., Collector of Nellore.

Exd. J. Wright.

Submitting for information letter from the
Collector of Nellore reporting on the progress of
Public Works in 1863-64.

No. 6,656.

Dated 10th October 1864.
J. D. Sim
Secy to Govt.

PROCEEDINGS OF THE BOARD OF REVENUE.

No. 1864. Department
No. of Civil & Public Works
No. 4472

228 3098-274 80/64

228 3098-274 80/64

18588

Proceedings of the Madras Government
under date the 27 Oct/64.

Read the following
Proceedings of the Board
of Revenue.

Submitting for information
letter from the Collector of
Nellore reporting on the progress
of Public Works in 1863/4.

18.10.64
No. 6656

The foregoing report
will be communicated to the
Superintending Engineer & on
whose attention will be drawn
to the remarks of the Collector
in paras 5 & 6. Col. And
son will report on the extent
& description of work which
has been carried out on the
Ongole & Kottapatnam Road,
the probable benefit to be derived
therefrom & on
the sufficiency or otherwise of
the sanctioned estimate. It

[Signature]

is observed that in Pro. of 3rd
August last, No 2224, a sum
of Rs 1200 was allotted for
maintaining eight miles of
this road in repair during
the current official year. The
Govt trust that this money is now
being expended in placing in
order the portions of the line
which, at the date of the Col.
lector's report, were ^{represented to be} worn out.

Mr Dykes urges
the expediency of making an
increased provision of funds for
irrigation repairs. The expenditure
under this head in 1903-4
amounted to Rs 23,632, which
was Rs 5101 in excess of the
outlay of the previous year. The
available grant in the Budget
of the current official year under
"Agricultural", after deducting
transfers, is Rs 43,300 which it
is hoped will to some extent

meet the requirements of the
District as regards the repair of
its works of irrigation. - When
the Budget of 1905-6 is under
preparation, the question of
making a more liberal pro-
vision will be considered

W.B.

The Supy Dykes & Co
110 of Riverside Station, Bangalore
Recd Sept 5
Staff 28th October

Pro. of 1864 Depart
Pro. of Govt for Oct

N^o 3098

Pro. of the Algon
27 Oct/64

2044/66

Pro. of the D. of
Rev. submitting, with
their remarks, the re-
port of the Collector
of Yellow on the
progress of 1894. in
the D. during 1863/64.
Communicated to the
Supy. Engr. 2^d Dec.

N^o 538. 539