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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>2290</u>	Press Mis.
Dated <u>10-2-43</u>	18

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th October 1862.*

No. 96. Read the following Proceedings of the Board of Revenue, dated 18th September 1862, No. 6,257 :—

Read the following letter from J. FRASER, Esq., Acting Collector of North Arcot, to W. HUDLESTON, Esq., Secretary to the Board of Revenue, Madras, dated Chittoor, 30th August 1862, No. 183.

SIR,

1. I have the honor to submit my report on the operations of Public Works during the official year 1861-62.

2. The marginal Statement exhibits the expenditure incurred during the year under review as compared with that of the preceding year.

3. From this it will be seen that the total outlay during the official year 1861-62 exceeds that of the previous year by Rupees 34,066, the "New works" exhibiting an increased expenditure of Rupees 62,640, whilst the "Repairs" show a decrease of Rupees 23,574.

4. NEW IRRIGATION WORKS.—Of Rupees 50,532 laid out on new works of Irrigation, Rupees 6,566-14-4 were expended in collecting materials for the Palar Anicut bridge Rupees 15,137-15-7 on the Mahandravady channel and its

northern and southern Calingulahs, Rupees 14,473-4-5 on the branches from the main channels belonging to the Palar Anicut, and Rupees 10,001-2-3 on the western channel from the Ponni Anicut; the remainder (Rupees 4,352-11-5) being spent on new minor projects. Thus the Board will observe that the expenditure on account of new works of irrigation was chiefly confined to two principal projects in the District.

5. The effects of the Palar and Ponni Anicuts have been but slightly felt as yet, owing both to the incomplete condition of these works, and to the very scanty rain-fall of the last two or three years. The rivers have scarcely flooded at all; no return therefore is given of additional revenue realized. The returns hitherto made under this head are fallacious. The Tahsildars compare the usual revenue of a village in good seasons with the present revenue, and any increase is put down as increase from new works, a manifestly useless and mischievous mode of calculating. Orders have been issued on the subject. In regard to the Anicut the enclosed Statement will explain my meaning. The standard of comparison is the revenue of Fasli 1262 (a very good year) for the Ponni works, and probably the revenue of Fasli 1265 for the Palar one; and the increase in each succeeding year is not above the previous one; but as compared with the standard no doubt there has been increased revenue from these works already, but I cannot trust to the account now in the office to give it correctly.

6. REPAIRS OF IRRIGATION WORKS.—Under this head, Rupees 40,630 were expended during the year in question on existing works, in order to keep them in an efficient condition.

7. NEW ROADS.—Out of Rupees 50,189 expended on new communications, Rupees 27,005 were laid out in completing the four noted in the margin. The construction of three other roads is also in progress, the expenditure on their account amounting to Rupees 21,054. I have not myself seen any of these roads, as my duties hitherto have not led me to those parts of the District; but I hope to

Works.	Expenditure of 1860-61.	Expenditure of 1861-62.	Difference.		Estimate of 1861-62.
			Increase.	Decrease.	
NEW WORKS.					
Irrigation.....	5,895	50,532	44,637		
Communications ..	34,277	50,189	15,912		
Buildings.....	..	2,091	2,091		
	40,172	1,02,812	62,640		
REPAIRS.					
Irrigation.....	63,854	40,630	..	23,224	
Communications ..	47,746	45,018	..	2,728	
Buildings.....	9,604	6,082	..	3,522	
	1,21,204	92,630	..	28,574	
Grand total...	1,61,376	1,95,442	62,640	28,574	1,56,098
			Net Increase Rupees 34,066		

	RS.	A.	P.
Road from Arconum to Conjeveram.....	9,998	0	0
Do. from Tirthani to Arcot Kuppam.....	4,315	0	0
Do. from Ramakistapuram to Tirthani.....	5,688	0	0
Do. from Vellore to Arni..	7,004	0	0
	27,005	0	0

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7th October 1862.*

inspect them all during the coming cold season. Rupees 2,130 were expended during the year under report for widening the approaches of the Palar bridge near Vellore.

8. OLD ROADS.—The existing communications are generally in good order, and the expenditure incurred for their maintenance amounts to Rupees 45,018, being less than the outlay for the previous year by Rupees 2,728.

9. I would here remark on one road proposed by Government, and which I think should be abandoned; it is the one from Guriatam to Venkatagerycotta by the Naiknary pass. There is now a good road from Guriatam, *via* Syengoonta to Palmaner, and there will shortly be the Bangalore branch rail road from near Vaniembady through Cooppani. The Naiknary is a bad and difficult pass, and to make a good road over it will be very costly. It is also a very unhealthy part of the country, very feverish. With good communications with the Mysore plateau to the right and left of it at reasonable distances, I think this may fairly be abandoned.

10. NEW BUILDINGS.—On new buildings, Rupees 2,091 were laid out during the year under review. The three principal ones are noted in the margin, for the construction of which materials are being collected.

Sub-Magistrate's Kacheri at Tirupati.
Do. at Poonganoor.
District Moonsiff's Court at Tirupati.

11. REPAIRS OF BUILDINGS.—Out of Rupees 6,982 spent on repairs, 3,890 Rupees were laid out exclusively on Military buildings.

12. The Statement required by Order of Government, dated 13th November 1858, No. 2,386, showing the irrigation works in repair and "out of repair," has not been prepared, as the necessary statistics have not as yet been received from all the Taluqs. Strict orders have been issued in regard to this omission.

13. The repair of Dasabundum tanks has been specially attended to this year. The Ináms have been resumed in some cases in default of the holders neglecting to execute the necessary repairs within a prescribed period; in other cases, the Inámdars have been warned to pay early attention to the works under their charge.

14. In the report for the official year 1860-61, Mr. Robinson exhibited the additional revenue realized from the repair and improvement of minor works of irrigation. I believe, for reasons already given, that these returns are not in any degree trustworthy. The object of these repairs is not to increase but to keep up existing revenue at its nominal standard, and in a year like the past when the north-east monsoon entirely failed, there can have been no increase generally.

ENCLOSURE No. 1.
MEMORANDUM.

Palar Anicut constructed in Fasli 1265.

Increase of Revenue in Fasli 1266	...	...	1,435
Do. 1267	...	...	2,168
Do. 1268	...	...	8,770
Do. 1269	...	...	3,706
Do. 1270	...	...	5,111
Do. 1271	...	...	3,497
Total...			24,687

Poni Anicut constructed in Fasli 1264.

Increase of Revenue up to 1266	...	...	2,012
Do. 1267	...	...	0
Do. 1268	...	...	1,727
Do. 1269	...	...	854
Do. 1270	...	...	25
Do. 1271	...	...	434
Total...			5,002

North Arcot,
25th August 1862.

(Signed) J. FRASER,
Acting Collector.

1. The total expenditure on Public Works in North Arcot in 1861-62 was Rupees 1,95,412 against Rupees 1,61,376 in the previous year, or a net increase of Rupees 34,066. The Chief increase took place on new Irrigation works, the expenditure in 1861-62 having been 50,532 Rs.

*Proceedings of the Madras Government, Public Works Department,
7th October 1862.*

against only 5,895 Rupees in 1860-61, or an increase of Rupees 44,637. The next notable increase was that of 15,912 Rupees on new works under the head of Communications, the expenditure in the two years respectively having been 34,277 Rupees and 50,189 Rupees. The third item of increase was from the expenditure of 2,091 Rupees in Buildings, on which nothing was spent in the previous year. In repairs there was a decrease under all three heads in the year under report to a total extent of Rupees 23,574. A decrease of 23,224 Rupees occurred under the head of Irrigation repairs, the expenditure in 1860-61 and 1861-62 having been respectively 63,854 Rupees and 40,630 Rupees; 2,728 Rupees decrease in Communications, the outlay in the two years having been respectively 47,746 Rupees and 45,018 Rupees; and Rupees 2,622 decrease in Buildings, the expenditure under that head in the two years in question having been respectively 9,604 Rupees and 6,982 Rupees.

	Rs.	A.	P.
Materials for Palar Anicut bridge.....	6,566	14	4
Mahindravady channel and its northern and southern Calingulabs	15,137	15	7
Branches from the main channel of the Palar Anicut.....	14,473	4	5
	36,178	2	4
Western channels from the Poiney Anicut.....	10,001	2	3
Minor works.....	4,352	11	5
	Rs. 50,532	0	0

2. The whole of the expenditure on new works of Irrigation (Rupees 50,532), with the exception of 4,353 Rupees spent on minor projects, was laid out on the two principal systems of works of the District, viz., those in connection with the Palar and Poiney Anicuts, in the proportion of Rupees 36,178 to the former, and Rupees 10,001 to the latter project, as shown in the margin. The two projects are still incomplete, and owing to this cause and the scanty rain-fall

of the last two or three years, their effect has been but slightly felt as yet. In a separate Statement, the Acting Collector shows a total increase of revenue to the extent of 24,687 Rupees from the Palar Anicut for the six Faslis from 1266 to 1271, and of 5,002 Rupees from the Poiney Anicut for the same period; but these results are avowedly fallacious, and the Collector states that he has issued further orders on the subject.

3. The Irrigation repairs were simply to conserve existing works.

4. In respect to new roads, 27,005 Rupees were laid out on the undermentioned four roads:—

	Rs.
1. From Arconum to Conjeveram..	9,998
2. From Tritani to Arcot Coopum ...	4,315
3. From Ramakistnapuram to Tritani ..	5,688
4. From Vellore to Arni ...	7,004
Rupees...	27,005

21,054 Rupees were laid out on three other roads which the Collector does not specify; and 2,130 Rupees on widening the approaches of the Palar bridge near Vellore. 45,018 Rupees were laid out in the maintenance of old roads said to be generally in good order. The Collector recommends the abandonment of the proposed road from Gooriattum to Venkatagherrycotta by the Naikenary pass, as there is not only a good road now to Palmanair by the Synegoonta pass, but the former pass is both difficult and costly to make, while the tract of country is feverish and unhealthy. The Board consider that the Collector shows good grounds for his proposal.

5. Mr. Fraser explains in paragraph 12 that he has not been able to submit the Statement required by Government,* of the condition of the minor works of irrigation in his District, in consequence of the non-receipt of the necessary statistics from all the Taluqs. He has issued strict orders in respect to this omission; but he should impress on his subordinates the necessity of timely compliance with the instructions of Government. The remaining paragraphs of the report need no remark.

(True Copies and Extract.)

(Signed) W. HUDLESTON, Secretary.

*Proceedings of the Madras Government, Public Works Department,
7th October 1862.*

No. 97.

ORDER THEREON, 7th October 1862, No. 2,392.

The attention of the Acting Deputy Chief Engineer, Central Circle, is requested to the latter part of paragraph 4 of the Board's Proceedings with a view to a report being obtained and submitted on the Collector's suggestion.

(Signed) W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

No. 6,257.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 18th September 1862.

Read the following letter from J. FRASER, Esq., Acting Collector of North Arcot, to W. HUDLESTON, Esq., Secretary to the Board of Revenue, Madras, dated Chittoor, 30th August 1862, No. 183:—

1. I have the honor to submit my Report on the operations of Public Works during the official year 1861-62.

Works.	Expenditure of 1860-61.	Expenditure of 1861-62.	Difference.		Estimate 1861-62.
			Increase.	Decrease.	
NEW WORKS.					
Irrigation.....	5,895	50,532	44,637	...	...
Communications..	34,277	50,189	15,912	...	...
Buildings.....	..	2,091	2,091	...	...
	40,172	1,02,812	62,640	...	...
REPAIRS.					
Irrigation.....	63,854	40,630	...	23,224	...
Communications..	47,746	45,018	...	2,728	...
Buildings.....	9,604	6,982	...	2,622	...
	1,21,204	92,630	...	28,574	...
Grand total..	1,61,376	1,95,442	62,640	28,574	1,56,098
Net Increase Rupees 31,066.					

2. The marginal Statement exhibits the expenditure incurred during the year under review as compared with that of the preceding year.

3. From this it will be seen that the total outlay during the official year 1861-62 exceeds that of the previous year by Rupees 34,066, the "New works" exhibiting an increased expenditure of Rupees 62,640, whilst the "Repairs" show a decrease of Rupees 28,574.

4. NEW IRRIGATION WORKS.—Of Rupees 50,532 laid out on new works of Irrigation, Rupees 6,566-14-4 were expended in collecting materials for the Palar anicut bridge, Rupees 15,137-15-7 on the Mahandravady channel and its northern and southern Calingulabs, Rupees 14,473-4-5 on the branches from the main channels belonging to the Palar anicut, and Rupees 10,001-2-3 on the western channel from the Poni anicut; the remainder (Rupees 4,352-11-5) being spent on new minor projects. Thus the Board will observe that the expenditure on account of new works of irrigation was chiefly confined to two principal projects in the District.

5. The effects of the Palar and Poni anicuts have been but slightly felt as yet, owing both to the incomplete condition of these works, and to the very scanty rain-fall of the last two or three years. The rivers have scarcely flooded at all; no return therefore is given of additional revenue realized. The returns hitherto made under this head are fallacious. The Tahsildars compare the usual revenue of a village in good seasons with the present revenue, and any increase is put down as increase from new works, a manifestly useless and mischievous mode of calculating. Orders have been issued on the subject. In regard to the anicut the enclosed Statement will explain my meaning. The standard of comparison is the revenue of Fasli 1262 (a very good year) for the Poni works, and probably the revenue of Fasli 1263 for the Palar one; and the increase in each succeeding year is not above the previous one; but as compared with the standard no doubt there has been increased revenue from these works already, but I cannot trust to the account now in the office to give it correctly.

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Road from Arcotum to Con- jeveram.....	9,998	0	0
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Do. from Vellore to Arni.....	7,004	0	0
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8. OLD ROADS—The existing communications are generally in good order, and the expenditure incurred for their maintenance amounts to Rupees 45,018, being less than the outlay for the previous year by Rupees 2,728.

9. I would here remark on one road proposed by Government, and which I think should be abandoned; it is the one from Guriatam to Venkatagerycotta by the Naiknary pass. There is now a good road from Guriatam, *via* Syengoonta to Palmaner, and there will shortly be the Bangalore branch rail road from near Vaniembady through Cooppani. The Naiknary is a bad and difficult pass, and to make a good road over it will be very costly. It is also a very unhealthy part of the country, very feverish. With good communications with the Mysore plateau to the right and left of it at reasonable distances, I think this may fairly be abandoned.

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Rupees...27,005

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* Proceedings 13th November 1858,
No. 2,386.

strict orders in respect to this omission; but he should impress on his subordinates the necessity of timely compliance with the instructions of Government. The remaining paragraphs of the report need no remark.

(True Copies and Extract.)

(Signed) W. HUDLESTON,
Secretary.

To Honorable T. Pycroft, Chief Secretary to Government.

Copy to Colonel W. I. Birdwood, Chief Engineer, D. P. W.

„ to J. Fraser, Esq., Acting Collector of North Arcot.

Ed. J. Tulloch.

PROCEEDINGS OF THE BOARD OF REVENUE,

No. 2871.

Dated 18th September 1862.

Despatched.

Received. 24th "

No. 6237.

Submitting with the Board's remarks a report from the Acting Collector of North Arcot, on the operations of the Public Works Department during the official year 1861-62.

With an order
No. 2392-7 dated 1862.

15-10-1862

1862-94

Wm. Fraser
1862. Department.

13th Sept
1862
15-10-1862

Mr. Tulloch
The addition of the following
to the Board's remarks
is requested. It is
submitted with a view to
be placed before the Board
for their consideration
and approval.
15-10-1862