

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 2467

Press

~~Mis.~~

199-200

Dated

12-10-1868.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
12th October 1865.*

No. 199. Read the following Proceedings of the Board of Revenue:—

Submitting, for information, report of the Collector of the Kistna District on the operations of the Public Works during 1864-65, and requesting attention to certain works therein mentioned. } (Here enter 29th September 1865, No. 6,128.)

No. 200. ORDER THEREON, 12th October 1865, No. 2,467.

Miscellaneous.

Ordered to be recorded.

(True Extract.)

(Signed) J. GROSE,
Acting Under Secretary to Government.

To the Board of Revenue.

Exd. S. T. Augustin.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 29th September 1865.

Read the following letter from G. THORNHILL, Esq., Collector of the Kistna District, to R. A. DALYELL, Esq., Acting Secretary to the Board of Revenue, dated Masulipatam, 11th August 1865, No. 131 :—

1. I have the honor to submit my Report on the operations of the Public Works in this District, during the Official year 1864-65.

2. The total expenditure in the year under report, inclusive of advances, was Rupees 4,21,781-15-10.

3. The subjoined abstract shows the particulars of the expenditure compared with the results of the previous year, from which it will be seen that there was a net increase of Rupees 62,365 over the expenditure of the previous year :—

Works.	Expenditure in 1863-64.	Expenditure in 1864-65.	Difference.		Estimate for 1861-65.
			Increase.	Decrease.	
NEW WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
Irrigation	2,01,856	1,68,446	...	33,410	
Communications	7,251	32,577	25,326	...	
Buildings	10,939	7,074	...	3,865	
Total...	2,20,046	2,08,097	25,326	37,275	
REPAIRS.					
Irrigation	1,08,016	1,62,551	54,535	...	
Communications	21,982	41,535	19,553	...	
Buildings	3,695	6,945	3,250	...	
Total...	1,33,693	2,11,031	77,338	...	
BOATS.					
Bridges... ..	970	1,492	522	...	
Ferries... ..	7,708	4,162	...	3,546	
Advances in addition					
Total...	8,678	5,654	522	3,546	
Grand Total...	3,62,417	4,24,782	1,03,186	40,821	4,25,263
Deduct Decrease			40,821		
Net Increase...			62,365		

Faslia.	Land cultivated by means of Anicut irrigation.	Jamabundy Sist. Rupees.
1273... ..	131,629	5,34,369
1274... ..	136,780	5,83,543
Increase...	5,151	49,174

4. The new works of irrigation and improvements to old works resulted in an increase of 5,151 acres in the extent of land watered, and of Rupees 49,174 in the assessment above the preceding year, as shown in the margin.

5. I beg to subjoin notes of some of the most important works classed under their respective heads.

NEW WORKS.—IRRIGATION.

The total outlay under this head during the year was Rupees 1,68,446.

The works executed all form part of the Kistna Anicut Project already sanctioned and approved.

Poolair Canal.

1. Embanking channel from Poolair along Polrauzecodoo and its continuation to the Comalair swamp	1,237
2. Excavating a branch channel from Polrauzecodoo at Gurajah to Chegurucotah	2,712
3. Excavating a channel from Poolair at the head of Polrauzecodoo to Buntumilly	8,018
4. Constructing a lock at the head of proposed channel from Poolair to Buntumilly	5,654
5. Do. a calingulah do. do.	8,806
6. Do. four calingulahs across Poolair between the head of Polrauzecodoo for regulating the supply to Poolair and Todecherla cut	1,442
7. Do. lock at Pamurroo at the head of a channel leading from Poolair to Masulipatam canal.	127
8. Constructing an irrigation canal from Poolair to Pamurroo to irrigate the lands from Ryve's branch channel to Gudivada	3,393
9. Constructing a head sluice to Butter Codoo and excavating a channel from Poolair to Chuttrum.	553
	26,942

leading from Inkollu to Chinna Ganjam with subsidiary works, seven-and-a-half miles of this have been completed, while three-and-a-half miles were dug to one yard in depth, the rest being in progress, and materials collected for masonry works. On the completion of this channel, a very large increase of wet cultivation may be expected in the Baupetlah Taluk.

9. A channel has been excavated at an outlay of Rupees 8,443 for the supply of drinking water to Masulipatam from Ankoomarroo lock to Sultanagarum bridge.

This was rendered necessary by the cyclone, and was constructed on emergency. Without it, the inhabitants of the town would have been without fresh water to drink.

Tanks.

1. Improving and cleaning Moonuany drainage and constructing under tunnel	8,890
2. Constructing escape calingulah near Nursoyyalem	1,998
3. Do. Foottypaud	1,202
4. Excavating a drainage for conveying surplus and drainage water from lands about to be reclaimed from bed of Sandole tank	857
5. Enlarging the drainage channel from the road leading from Gudivada to Polrauzecodoo	833
6. Excavating a drainage channel in Masulipatam	719
7. Do. do. between Sultanagarum and tunnel under Masulipatam canal	1,578
8. Re-constructing a tunnel under Masulipatam canal near Sultanagarum	5,501
	16,563

COMMUNICATIONS.

32,577; of which, Rupees 8,477 were expended on metalled roads, and Rupees 1,752 in commencing to excavate a navigable canal from Masulipatam to the Salt Cotaur at Mungana-poody; this work, I regret to say, has since been stopped for want of funds.

BRIDGES.

13. Rupees 5,588 were expended in constructing a masonry bridge across Comamoor channel on the road from Guntour to Baupetlah, and Rupees 9,055 for re-constructing the Sultanagarum bridge near Masulipatam on the road to Bezoarah, which was entirely destroyed by the storm of the 1st November last.

BUILDINGS.

2,999 were laid out in enlarging salt platform No. 7 at Chinna Ganjam, and Rupees 2,976 in making certain improvements to the Judicial buildings, such as Taluk Cutcheries and Police huts, &c.

6. Of the above sum, Rupees 26,942.88

were laid out in widening the lower portion of the Poolair channel, and executing other subsidiary works in connection therewith, as enumerated in the margin.

7. Rupees 25,020 were expended in widening the western branch channel from Vullabhapuram to tide-water. Fair progress has been made both in the main channel and in the side channels.

The sluices at Vellatur and Kollur have also been completed.

8. Rupees 38,107 were expended in constructing the Commamoor channel from the twenty-eighth mile from the head to the road

leading from Inkollu to Chinna Ganjam with subsidiary works, seven-and-a-half miles of this have been completed, while three-and-a-half miles were dug to one yard in depth, the rest being in progress, and materials collected for masonry works. On the completion of this channel, a very large increase of wet cultivation may be expected in the Baupetlah Taluk.

9. A channel has been excavated at an outlay of Rupees 8,443 for the supply of drinking water to Masulipatam from Ankoomarroo lock to Sultanagarum bridge.

This was rendered necessary by the cyclone, and was constructed on emergency. Without it, the inhabitants of the town would have been without fresh water to drink.

10. Rupees 764 were laid out in improvements to tanks, and Rupees 1,575 on river embankments.

11. Rupees 16,606 were laid out on works of drainage, of which the chief are shown in the margin with their expenditure.

The tunnel under the Masulipatam canal (No. 7) is intended to replace that washed away by the cyclone. It is now advancing to completion, and appears to have been very well constructed.

12. The total outlay under this head, during the year under report, was Rupees

32,577; of which, Rupees 8,477 were expended on metalled roads, and Rupees 1,752 in commencing to excavate a navigable canal from Masulipatam to the Salt Cotaur at Mungana-poody; this work, I regret to say, has since been stopped for want of funds.

13. Rupees 5,588 were expended in constructing a masonry bridge across Comamoor channel on the road from Guntour to Baupetlah, and Rupees 9,055 for re-constructing the Sultanagarum bridge near Masulipatam on the road to Bezoarah, which was entirely destroyed by the storm of the 1st November last.

14. Under this head, Rupees 7,074 were expended during the year, of which Rupees

2,999 were laid out in enlarging salt platform No. 7 at Chinna Ganjam, and Rupees 2,976 in making certain improvements to the Judicial buildings, such as Taluk Cutcheries and Police huts, &c.

REPAIRS.—IRRIGATION.

15. The expenditure on repairs of irrigation works was Rupees 1,62,551, of which Rupees 1,16,504 were for repairing irrigation canals; Rupees 38,656 for repairing tanks; Rupees 3,717 on dykes; and Rupees 8,673 on drainages. Repairs this year were unusually heavy owing to the damage done by the cyclone, and the very high rates at which every thing at that time had to be paid for.

COMMUNICATIONS.

16. Under this head, Rupees 41,535 were expended during the year, of which Rupees 17,364 were laid out on metalled roads, viz., Rupees 10,875 on repairs to seventy-two and a half miles of made road from Ibrampatam to the Nizam's frontier, and Rupees 4,062 on Trunk road No. 7 between Copperapaud and Nakrikul, the remainder on some other roads.

17. The road to Hyderabad between Masulipatam and Bezoarah has been repaired at an expenditure of Rupees 5,359, and the cause-way leading from the Fort to the Basin at Masulipatam at an expense of Rupees 12,031.

BRIDGES.

1. Temporary road-way over breach of Sultanagarum bridge	1,391
2. Repairing Sultanagarum bridge	494
3. Repairing Pettah gate road-way over Fort ditch.	36
4. Repairing Chintagontapalem bridge	48
5. Repairing Chinnapuram do.	45
	2,014

Accommodation for Travellers.

BUILDINGS.

18. A sum of Rupees 2,014 has been expended in repairing bridges, and making sundry repairs in the Town of Masulipatam, as noted in the margin, and Rupees 1,492 in repairing ferry boats.

19. Under this head, Rupees 2,167 were spent on repairs executed to the Travellers' Bungalows.

20. Some of the Revenue and Judicial buildings were repaired at a cost of Rupees 6,945. Sundry repairs to certain Military buildings were also executed.

21. The past year has been altogether exceptional owing to the cyclone of the 1st of November. The destruction of works caused by it was so great that since its occurrence, the energies of the Officers of the Department Public Works have been chiefly directed towards repairing them; and this will account for the decrease in the sums spent on new works, and the increase under the head of "Repairs."

22. The completion and perfection of the Anicut Project has been steadily kept in view, and all the works of irrigation constructed in the delta form parts of the sanctioned scheme.

23. The chief difficulty that Engineer Officers have to contend with, in carrying out the great plan of operation, is the accumulation of silt in the channels, by a careful attention to the slopes of the channels, and by separating as far as possible the channels for navigation from those purely for irrigation purposes; this evil has been somewhat mitigated.

24. As, however, every year adds to the numbers of miles of channels in use, it becomes a serious question how these clearances are to be eventually provided for.

25. At present all but the very smallest channels are cleared by the Department of Public Works, and already the work is almost more than the Officers can efficiently supervise.

26. It will be necessary to throw the burden of clearing the minor channels on the Ryots, but it will be a matter of some difficulty to frame rules by which the labour may be fairly and equitably distributed amongst the different villages, and it will require some consideration to determine how they shall be remunerated for their labour.

27. The Superintending Engineer and some of his more experienced Range Officers are giving their attention to this subject, and I hope before long that some feasible plan may suggest itself.

28. In my Report of last year I ventured to suggest the necessity of metalling the road between Bezarah and Ibrampatam. I am happy to report that a sum of money has been sanctioned for that work, and that it is now in progress. I would again bring to notice the need of bridges over the Mo onair and Palair rivers on the Bezarah and Hyderabad road. The importance of keeping up a good road between Hyderabad and the nearest sea port is obvious.

29. The high level canal between Ellore and Bezarah is destitute of bridges for a distance of thirty miles, and traffic is impeded.

The Superintending Engineer is about to submit plans for one at Kasarapelly, and another at Perikeed, which I trust may be approved.

30. The gradual reclamation of the Collair lake is also engaging that Officer's attention.

31. Several works, which were sanctioned shortly after the cyclone, have been discontinued for want of funds. I trust means may be found for their continuance another year.

32. I would more especially specify the canal from the basin to Munganapoody salt pans as a canal for carrying salt, as a means of supplying the coast villages with fresh water for drinking, and as a protection to the town from inundation, this work is alike necessary.

33. The road from Masulipatam to Sullapilly, with which was combined a system of drainage from the town, and of embankment to protect the town, and the navigable canal from the floods, both of the Kistna and the sea on the south side, is also a most valuable project.

This work, as in the case of the last mentioned work, was commenced and afterwards abandoned. I trust it may be again taken in hand.

34. The question of increasing the supply of water from the Kistna in the channels is also one of great importance. In the month of October there is generally a great cry for water: the demand for water to bring the rice crop to perfection is generally beyond the supply, and unless rain falls seasonably, there is always risk of a vast loss of crops. To remedy this a rough stone dam has yearly been placed on the top of the anicut, and with very good effect, but it is not sufficient, and it will be necessary in future to provide for the want in some more permanent manner.

1. Submitted for the information of Government. Under the extraordinary circumstances of the year, the Report is decidedly satisfactory. The remarks of the Collector in paragraphs 24 to 27 of his letter are, however, deserving of grave consideration, and the Board would request the special attention of Government to Mr. Thornhill's requests in paragraphs 31 to 34.

2. The Collector's remarks on the wants of the great north road, which appeared in his Report for the previous year, have not apparently received the attention they deserved, though the road between Masulipatam and Bezwada has been metalled. Mr. Thornhill's observations in paragraphs 28 and 29 of his present letter also merit attention.

(A true Copy and Extract.)



Acting Secretary.

To Colonel C. A. Orr, R. E., Secretary to Government, P. W. D.
„ W. Hudleston, Esq., Acting Secretary to Government, R. D.
„ T. A. N. Chase, Esq., Acting Collector of the Kistna District.

Exd. J. Wright.

No. 2816

Rev: 1863. Department.
Wm. J. G. J. G. J. G.

No. 2816.
PROCEEDINGS OF THE BOARD OF REVENUE,

Dated 20th September 1863.
Wm. J. G. J. G. J. G.

No. 6,128.

Submitting for information report of the Col-
lector of the Kistna district on the operations of
the Public Works during 1861-65; and request-
ing attention to certain works therein mentioned.

RECORDED

122. Oct 1/63

19/10/63

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