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*Proceedings of the Madras Government, Public Works Department,
1st October 1875.*

No. 31. Read the following Proceedings of the Board of Revenue, dated 30th August 1875, No. 2,437:—

Read the following letter from W. McQUIHAE, Esq., Collector of Madura, to H. E. STOKES, Esq., Acting Secretary to the Board of Revenue, dated Madura, 24th July 1875, No. 317:—

I HAVE the honor to submit the annual report on the progress of public works in this district during 1874-75, with the usual detailed statement of work done. I also forward the reports of the Sub-Collector and Head Assistant Collector on the Public Works in their divisions, as directed by Standing Circular No. XXXI. of 1861.

2. The annexed comparative abstract shows that, out of an allotment of Rupees 1,08,385, Rupees 99,678 or 92 per cent. have been spent. This expenditure bears nearly the same proportion as in the previous year, but savings were chiefly effected under the head "New Works" in the items, Civil Buildings, Communications, Agricultural, and Tools and Plant.

Description.	Amount of Allotment for the year 1874-75.	Expenditure of 1873-74.	Expenditure of 1874-75.	Increase.	Decrease.
<i>New Works.</i>					
Civil Buildings ...	RS. 32,850	RS. A. P. 46,400 7 7	RS. A. P. 30,952 15 7	RS. A. P. ...	RS. A. P. 15,447 8 0
Communications ...	10,000	37,250 12 2	4,339 9 10	...	32,911 2 4
Agricultural ...	3,000	3,499 15 10	2,667 7 2	...	832 8 8
Salt Works ...	4,830	2,885 8 5	4,170 7 2	1,284 14 9	...
Tools and Plant ...	644	4,425 0 0	628 0 0	...	3,797 0 0
Total ..	51,324	94,461 12 0	42,758 7 9	1,284 14 9	52,988 3 0
<i>Repairs.</i>					
Civil Buildings ...	3,975	5,392 8 7	4,024 3 4	631 10 9	...
Communications ...	8,200	6,023 6 0	8,253 5 11	2,229 15 11	...
Agricultural ...	42,000	42,005 7 2	42,055 15 1	50 7 11	...
Salt Works ...	750	449 3 1	635 3 1	186 0 0	...
Tools and Plant ...	2,136	1,098 0 0	1,951 0 0	853 0 0	...
Total...	57,061	52,968 8 10	56,919 11 5	3,951 2 7	...
Grand Total...	1,08,385	1,47,430 4 10	99,678 3 2	5,236 1 4	52,988 3 0
Net decrease...	...	...	...	...	47,752 1 8

3. NEW WORKS—*Civil Buildings.*—There is a decrease of Rupees 15,447-8-0 under this head against an increase of Rupees 16,937 in the previous year, owing to short expenditure during the year under review on Tirumal Naick's Palace, constructing wards in the vicinity of the new jail at Madura, and construction of

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Sub-Magistrates' Cutcherries at Tiruchuli and Muducolattur, &c., many of them having been completed. Except in two or three items, the bulk of the expenditure was made for completing works under progress.

4. *Communications*.—There is a great falling off in the expenditure under this head, which amounts only to Rupees 4,339-9-10, while Rupees 37,250-12-2 were spent in the previous year. This result is due to the very small sum laid out on the Gudalore Ghaut road, and the progress report does not afford any information regarding this short expenditure. The following are the two works executed under this head:—

- (1.) Gudalore Ghaut road.
- (2.) Deepening the Paumben Channel.

5. *Agricultural*.—The amount spent during the year is Rupees 2,667-7-2, which is less than the expenditure of the previous year by Rupees 832-8-8, and nearly the whole of this sum was utilized in constructing calingulahs and sluices of tanks, all of the ordinary description.

6. The conservancy establishment entertained for the maintenance of the Nelayore Channel has been discontinued under the sanction conveyed in the Board's Proceedings, No. 1,089, dated 30th April 1875.

7. *Salt Works*.—There is an increase of expenditure in this item, amounting to Rupees 1,284-14-9, which is owing to the large amount of Rupees 3,500 having been spent on the construction of eighteen Police huts at the Muttaregunadapatam Salt station. The remainder, or Rupees 670-7-2 of the expenditure, was incurred for erecting a merchant's shed and raising a compound wall at Attengarai, and for an irrigation channel with a sluice at its head to supply sea water to the pans at Viravanadapatam.

8. *REPAIRS—Civil Buildings*.—A sum of Rupees 4,024-3-4 was laid out on repairs to Civil Buildings against Rupees 3,392-8-7 in the preceding year, the difference being Rupees 631-10-9. The whole of the allotment was utilized. The buildings which received a considerable share are the following:—

	RS.	A.	P.
1. Repairing Deputy Tahsildar's cutcherry and cook-room attached to the Subsidiary Jail at Tripatur.	220	6	10
2. Repairing and improving the Christian Burial-ground at Ramnad	114	9	8
3. Repairing Government House, No. 4, at Paumben.	362	6	4
4. Do. „ 2, at do. ...	310	0	0
5. Repairing and improving the Sea Custom Office at Keelakarai... ..	299	13	10
6. Repairing the District Judge's Court in Tirumal Naick's Palace at Madura	150	0	0
7. Repairing the Police Constables' huts in the new Jail at Madura	275	0	0
8. Repairing the Sea Custom Office at Paumben ...	442	6	8
9. Do. the Protestant Church at do. ...	120	0	0
10. Do. the Sub-Collector's Cutcherry and Bungalow at Dindigul... ..	1,031	4	0

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9. *Communications*.—The expenditure under this head exceeds that of the previous year by Rupees 2,229-15-11, due chiefly to Rupees 2,822-7-3 having been spent on the repair and maintenance of the Gudalore Ghaut road, an item on which no money was spent before. A sum of Rupees 73-1-0 spent on salt branch roads is also included in this item.

10. *Agricultural*.—There is a slight increase under this head, and it is probable that a larger sum would have been spent if funds had been available. The expenditure is a little above the allotment. The money was wholly spent on the repair of tanks and channels as described in the accompanying detailed list. At the same time the wants of the district have not been met, and the District Engineer thinks the old tanks incapable of improvement, their capacity being diminished by gradual silting up. All the channels require masonry work and other improvements, but I see no prospect of getting these works carried out.

11. *Salt Works*.—Rupees 635-3-1 have been spent under this head, showing an increase of Rupees 186. This does not call for any notice.

12. I beg to call the particular attention of the Board to paragraph 11 of the Sub-Collector's report containing his suggestion for the improvement of irrigation in the sub-division, and urging the necessity of detailing a special establishment for the investigation of irrigation projects.

13. I beg to subjoin a statement in the form prescribed in the Circular Memorandum of the Board of Revenue, No. 1,678, dated 14th October 1874, showing the progress of public works as compared with the result of the previous year. It will be seen that no money was spent in the Revenue Department. The expenditure incurred in the Salt Department was not included in this statement, most of the works not falling within the category of buildings and communications.

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The major Head to which the Work relates.	Whether New Works or Repairs and by what Department the work was executed.	1873-74.			1874-75.		
		Budget Allotment whether Imperial or Provincial.		Expenditure.	Budget Allotment.		Expenditure.
		Originally sanctioned.	Revised Allotment.		Originally sanctioned.	Revised Allotment.	
1	2	3	4	5	6	7	8
Irrigation ...	New Works...	RS. 3,500	RS. 3,500	RS. A. P. 3,499 15 10	RS. 3,000	RS. 3,000	RS. A. P. 2,667 7 2
	Repairs ...	50,000	42,000	42,005 7 2	50,000	42,000	42,055 15 1
	New Works...	...	...	...	...	...	...
	Repairs ...	...	...	...	...	...	...
Civil Buildings ...	New Works...	150	473	473 3 8	118	188	140 9 6
	Repairs ...	...	...	...	...	...	...
	New Works...	...	...	...	...	...	...
	Repairs ...	...	...	...	...	...	...
Communications ...	New Works...	...	...	...	...	...	...
	Repairs ...	...	...	...	...	...	...
	New Works...	...	...	...	...	...	...
	Repairs ...	...	...	...	...	...	...
Communications ...	New Works...	43,000	38,000	37,250 12 2	10,000	10,000	4,339 9 10
	Repairs ...	6,100	6,000	5,786 0 8	8,720	7,760	8,180 4 11
	New Works...	33,637	51,714	46,400 7 7	38,350	32,850	30,952 15 7
	Repairs ...	3,500	3,000	2,919 4 11	3,787	3,787	3,883 9 10
Buildings ...	New Works...	80,157	93,214	87,151 3 7	51,350	45,850	37,960 0 7
	Repairs ...	59,750	51,473	51,134 0 5	62,625	53,735	54,260 7 4
	New Works...	...	...	...	...	...	...
	Repairs ...	...	...	...	...	...	...
Total ...	Total ...	1,39,907	1,44,687	1,38,285 4 0	1,13,975	99,585	92,220 7 11

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14. With reference to G. O., dated 16th July 1874, No. 1,174, Financial Department (paragraph 1), I have the honor to annex a comparative abstract of the expenditure incurred by the Public Works agency on Local Fund Works.

Description.	Amount of Allotment for the year 1874-75.	Expenditure of 1873-74.	Expenditure of 1874-75.	Increase.	Decrease.
<i>New Works.</i>					
Communications ...	RS. 2,12,420	RS. 1,39,978	RS. 1,25,616	RS. ...	RS. 14,362
Educational ...	...	...	...	...	...
Sanitary and Miscellaneous ...	27,998	5,313	10,630	5,317	...
Total ...	2,40,418	1,45,291	1,36,246	5,317	14,362
<i>Repairs.</i>					
Communications ...	1,21,436	1,16,663	1,00,389	...	16,279
Educational ...	...	335	...	...	335
Sanitary and Miscellaneous ...	16,694	12,713	9,083	...	3,630
Total ...	1,38,130	1,29,716	1,09,472	...	20,244
Grand Total ...	3,78,548	2,75,007	2,45,718	5,317	34,606
Net decrease ...	...	...	...	...	29,289

15. There is a net decrease of Rupees 29,289 in the expenditure, which is the result of an increase of Rupees 5,317 against a decrease of Rupees 34,606. The increase occurs in the item "Sanitary and Miscellaneous" under New Works, and is due chiefly to the expenditure incurred on the execution of works for the conversion of the jails at Ramnad and Paumben into dispensaries, and on the construction of a dispensary at Periacolum, and the decrease was occasioned by short expenditure under all the other heads.

16. It is to be regretted that the allotments have not been fully utilized as was expected. A list of the principal roads and buildings under construction in the Madura and Dindigul Circles, showing the allotments and expenditure in each

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item, is subjoined. It will be seen that, except in a few items, the allotments were not properly spent.

Circles.	Description of Works.	Amount of Estimate.	Allotment for 1874-75.	Expenditure.
NEW WORKS.				
Communications.				
Madura.	Madura to Rameswaram	Rs. 78,300	Rs. 20,200	Rs. 15,081 9 4
	Do. to Sayelgudi	56,800	21,000	18,545 1 5
	Melur to Shevagungah	16,000	12,000	8,773 11 6
	Manamadura to Partibanur	14,500	13,000	5,956 13 4
	Kariaputti to Pundulgudi	48,000	20,000	12,750 6 0
	Madura to Veralur	7,110	3,912	2,391 1 1
	Do. to Alagarcovil	9,500	3,581	1,742 8 6
	Do. to Tondi	49,300	1,350	1,411 12 2
	Constructing a causeway over the Vigai at Melacka	10,700	6,000	1,634 0 0
	Road from Madura to Nuttom	27,000	6,000	779 0 2
Dindigul.	Madura to Allinagarem	27,000	12,000	5,272 14 9
	Branch to Ammainaickenur	4,010	3,000	1,427 11 0
	Pulni to Udamalapettai	10,700	7,000	1,380 0 0
	Constructing and repairing tunnels and road dams from Mettair to Pulkanooth	29,281	23,095	20,005 15 2
	Terumangalam to Strivilliputtur	14,240	9,283	10,602 0 0
	Dindigul to Butlagundu	24,000	4,000	1,476 0 0
	Do. to Trichinopoly	14,220	3,000	...
	Masonry works on Road No. 38 from Periacolum to Cumbum	6,660	3,775	1,218 10 4
	Cumbum to Gudalore	4,800	1,443	1,071 12 0
	Periacolum to Cumbum	35,200	853	648 11 4
Dindigul.	Road No. 5 portion between Andiputty and Allinagarem	36,680	98	95 0 0
	Improving road from Dindigul to Aravacurichi	16,000	5,000	1,483 1 7
SANITARY AND MISCELLANEOUS.				
Dindigul.	Erection of a dispensary at Tiruchuli	3,550	5,000	...
	Conversion of a portion of the Paumben Jail into a dispensary	2,700	2,700	2,698 13 0
	Conversion of the old jail at Ramnad into a dispensary	4,650	2,825	2,824 7 0
	Improving the new Chuttrum at Muttanendal.	2,132	362	361 4 6
	Constructing a verandah to the dispensary at Ramnad	1,375	1,375	1,190 0 0
	Bungalow at Ammainaickenur	5,000	5,000	49 15 6
	Erecting a dispensary at Periacolum	4,960	4,042	1,504 13 2

ENCLOSURE No. 1.—Statement.

From H. W. BLISS, Esq., Sub-Collector, to W. McQUIHAE, Esq., Collector of Madura, dated Kodaikanal, 4th June 1875, No. 181.

I HAVE the honor to submit the usual report on the progress of public works in the sub-division during the past official year.

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2. The expenditure was as follows:—

Original Works.

		BY PUBLIC WORKS DEPARTMENT.	
		Imperial.	Provincial.
		RS.	RS.
Civil Buildings	...	...	5,475
Agricultural	...	193	...
Communications	...	...	...
Total ...		193	5,475

Repairs.

		BY PUBLIC WORKS DEPARTMENT.	
		Imperial.	Provincial.
		RS.	RS.
Civil Buildings	...	...	1,196
Agricultural	...	5,072	...
Communications	...	...	...
Total ...		5,072	1,196

Total... Rs. 11,936

3 The above is exclusive of Local Fund expenditure.

4. There is an increase under all heads of expenditure except under the head Original, Agricultural (Imperial), as compared with the preceding year as shown below:—

		In 1873-74.	In 1874-75.	Difference.
		RS.	RS.	RS.
Original ...	Civil Buildings	5,446	5,475	+ 29
	Agricultural	741	193	— 548
	Communications	...	...	...
Repairs ...	Civil Buildings	243	1,196	+ 953
	Agricultural	3,626	5,072	+ 1,446
	Communications	...	...	...
Net Increase...		...	...	1,880

5. The following items require brief remark:—

6. ORIGINAL—Civil Buildings.—Rupees 427 have been spent on the provision of racks in the new record room of the Dindigul Taluq Cutcherry, which work has, to my mind, been done very roughly and unsatisfactorily, as I frequently told the Range Officer while it was in progress; Rupees 548 on a Police Station-house at Mettur, and Rupees 4,499 on the new Taluq Cutcherry at Pulni. The progress made on this latter work has been satisfactory neither in quantity nor in quality; but, as I am aware that the District Engineer has fully reported on the subject to Government, it does not seem to me necessary to enter into details.

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7. *Agricultural*.—The potty expenditure under this head has been on tank sluices and on shutters to close tank calingulabs, and has been almost entirely on the completion of works in progress at the beginning of the year.

8. *REPAIRS—Civil Buildings*.—The chief expenditure (Rupees 1,031) has been on the repairs of the Sub-Collector's house and cutcherry at Dindigul.

9. *Agricultural*.—There has been a gratifying increase in the expenditure under this important head. The irrigation works taken in hand and the expenditure on each particular one are, however, generally too small for it to be worthwhile to mention them here, except in the following instances:—

Vannampatti Channel...	234	In continuation of repairs in hand at the beginning of the year.
Attur Pinnetti Tank ...	358	
Butlagundu Virankolum ...	151	In progress.
Do. Vedankolum ...	302	Completed.
Kalayambuthur Agraharam Athi-		
karikolum ...	319	Do.
Kothamangalum Puthukolum ...	672	Do.
Palny Pappakolum ...	579	Do.
Porulur Karusalkolum ...	728	In progress and about half done

10. An estimate, amounting to Rupees 9,000, has also been sanctioned for the thorough repair and regulation of the important channel (Vyapuri) which supplies the Pulni group of tanks and Kothamangalum Puthukolum, upon which a very large revenue is dependent, and to which I have for years vainly invited attention, until the present District Engineer took the matter up. The work is now proceeding rapidly, but, as it was not commenced until March, the expenditure in 1874-75 was trifling.

11. *SUGGESTIONS FOR THE FUTURE*.—The only one I have to make is that Government should place at the disposal of the District Engineer the services of a competent officer who takes an interest in irrigation, and of a suitable staff of Surveyors to investigate the projects which have from time to time been suggested for the improvement of the sub-division. One is mentioned and discussed in some detail in my letter, No. 71, dated 6th March 1875, and recorded in Board's Proceedings, No. 1,251, dated 12th May 1875. There are others in the neighbourhood of Pulni, upon which the District Engineer has already reported to Government and received answer that no officer can be spared, and that before the investigation of new projects is undertaken, existing works should be improved and repaired so as to irrigate their full ayacut. The principle is no doubt good, but like most good principles it may be carried too far, and by rigid enforcement in the face of adverse circumstances may be made positively injurious in its application. It is so in this case. We have in this division a number of works of irrigation, the great majority of which are most petty and should, in my opinion, be swept out of the lists altogether, and, with their ayacuts, made over to the ryots at dry rates. Of the remainder, the great majority again are capable of irrigating their full ayacuts or very nearly so; and, where not, generally require such simple and ordinary repairs and deepenings, as a good Maistry should be as capable of supervising as any Engineer. There are, however, a few good systems of irrigation which require different treatment. They are generally in fair order, and, where not, require but simple ordinary occasional repairs such as the regular staff of the district can and do attend to. But there is hardly one of them which is not, I think, capable of great extension, to the benefit both of the revenue and of the people. These extensions the ordinary staff of the district cannot attend to for want of time; and to insist that they shall be left uninvestigated until all ordinary repairs are executed, and all the existing works made to irrigate their full areas of cultivation, seems to me an act of unwisdom, which I cannot characterize as I think it deserves lest I should be thought wanting in respect to Government. The facts are, first, that the great majority of our *nunjah* waste and *shari* is under the wretched petty tanks which I say should be made over to the ryots at dry rates; and, secondly, that, as fast as the ordinary establishment of the Public Works Department

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repair one tank, another gets out of repair and demands attention, and that the day will no more come when they will have no ordinary repairs of old works to attend to, and will have time to turn their thoughts and devote their time to extensions and improvements, than will the day when the poor shall cease out of the land. Every day therefore that the investigation of new projects is delayed until the ordinary establishment shall have leisure to take them up is a day lost. It is as if a man had a gold mine on his estate, which he refused to work except when his gardeners had a few spare hours with nothing to do in the garden, or he had not taken his carriage out and his groom had not to clean it. And what I say of the sub-division may with equal truth be said of the whole district. We have now been in peaceable possession of it for three-quarters of a century, and what have we done? We have made a few roads, some passably good, some very bad, in the Government taluqs. In the Zemindaries we have hardly done that. We built a jail a few years ago, so badly that the timbers of the roof sagged enough, almost in a few months, to allow the prisoners to escape through the ventilators. We have not built a single decent public building. Many of our public offices are simple hovels. We have allowed the palace at Madura, one of the grandest and most nobly conceived public buildings I have ever seen, to fall into such a state of ruin that it is doubtful whether any expenditure will ever again make it safe to use. We have allowed great numbers of irrigation works, the legacy of the ancient rulers, to silt up to such an extent that the late Captain Ryves reported that 30 per cent. of the water received in them was wasted, and we have done nothing to replace them. We have indeed spent much money and valuable time on the investigation of the Perryaur Project, which there is too much reason to fear is impracticable, and which, even if carried out, would irrigate a portion only of I think only one taluq. For the rest of the district we have not even got to the stage of investigation. In the mean time, the population is increasing at a rate we can hardly as yet do more than conjecture, but which is certainly very great. In a few, a very few, years the whole of the cultivable area will be occupied and no waste left to meet the wants of the growing numbers who have nothing, and can have nothing, in this non-manufacturing country but the land to depend on for their livelihood. As it is, none but inferior land is left uncultivated. Are we to continue to stand still and to let things drift? I humbly venture to think not, and, as a first instalment of better days to come, I ask for the investigation of the natural resources of the district with the view of providing against such waste thereof as I believe now to be of constant occurrence.

12. This report has been delayed pending the receipt from the Public Works Department of the information required to fill up the statement prescribed in the Board's Circular Memorandum, No. 1,678, dated 14th October, 1874. It has not yet been received. The statement shall be forwarded as soon as it is.

From L. MOORE, Esq., Acting Head Assistant Collector of Madura, to W. McQUIHAE, Esq., Collector of Madura, dated Ramnad, 27th May, 1875, No. 164.

I HAVE the honor to submit the usual annual report for 1874-75 on the Public Works in this division.

2. *Road No. 2 from Madura to Rameswaram via Ramnad and Paumben*.—The portion of this road from Madura up to the river Vaigai, within a couple of miles of Permagudi, is, on the whole, in good order. A few of the culverts are under repair. From the Vaigai up to Ramnad it is, however, in a very bad condition. Even in the best weather it is full of enormous ruts and most inconvenient to travel over, and in wet weather it is almost impassable. Portions of this road are now under repair. From Ramnad to Mandapam opposite Paumben, it is simply a sandy track which, at the best of times, it is very troublesome to get over. The causeway between Paumben and Rameswaram is reported to be very much out of repair.

3. *Road No. 3 from Madura to Sayelgudi*.—This road is in good order up to Kariapatti, about 18 miles from Madura. After that place it is in bad condition.

4. *Road No. 8 from Madura to Tondi*.—This road is in good condition up to Tiruvadanei. From that village to Tondi, about 8 miles, it is in very bad order.

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5. *Road No. 9 from Dindigul to Tondi via Tirupattur.*—This road is reported to be in good order, but the Deputy Tahsildar brings to notice that a number of the avenue trees between Vattanam and Devacottah have fallen down and should be replaced by young trees.
6. *Road No. 10 the Coast Road.*—This road is throughout its entire course in this division in very bad order. In fact, it would be scarcely possible for it to be worse.
7. *Road No. 12 from Melur to Pudukotta via Tirupattur.*—This road is in good order.
8. *Road No. 15 from Tirupattur to Manamadurai via Sheragunga.*—This road is in good order throughout.
9. *Road No. 16 from Sheragunga to Eliangudi.*—A small portion of this road is reported to have been repaired recently. The rest is in bad order.
10. *Road No. 23 from Kariapatti to Pundalgudi.*—It is reported that this road has been completely repaired, and is in good order.
11. The several Sub-Magistrates report that their offices and sub-jails are in good repair. The only one of them that I have as yet been able to visit, that at Ramnad, is in proper order and clean.
12. The principal wants of this division as regards public works are, so far as I have as yet been able to ascertain, that the road from Permagudi to Ramnad should be put in a thorough state of repair, and that a road should be constructed from Ramnad to its principal seaport, Kilakarai. There is at present, as you are aware, nothing but a sandy track between these places.

SUBMITTED for the information of Government.

2. The total expenditure from Imperial and Provincial Funds was Rs. 99,678 out of allotments aggregating Rupees 1,08,385 or 92 per cent., about the same proportion as in the previous year, in which Rupees 1,47,430 out of an allotment of Rupees 1,59,261 were expended.

The principal items under New Works, Civil Buildings, appear to have been the same as in the preceding year, *viz.*, the restoration of Tirumal Naick's Palace, construction of wards at the new jail, and the provision of office accommodation at certain places; the expenditure during the year on the chief items is given in the margin.

Tirumal Naick's Palace	...	...	Rs. 10,784
Wards at the New Jail	...	...	1,492
Sub-Magistrate's Cutcherry at Tiruchuli	...	...	959
Do. at Muducollatur	...	...	656
Cutcherry at Periacolum	...	...	7,836
Do. at Pulni	...	...	4,500

The outlay under "New Works," "Communications," was very small as compared with the year before, owing to short expenditure on the Gudalore Ghaut road, *viz.*, Rupees 400 only. The rest of the expenditure was on the Paumben Channel.

3. The outlay on "Repairs" was chiefly under the head of Agricultural; the allotment, Rupees 42,000, having been laid out in the repair of tanks and channels. The Collector states that the wants of the district have not been met, and seems to regard the condition of the irrigation works as very unsatisfactory.

4. With reference to paragraph 12 of the Collector's letter, the Board observe that the question of entertaining a special establishment for the investigation of irrigation projects in the sub-division has been already laid before Government in Board's Proceedings, dated 12th May 1875, No. 1,251, and the proposal negatived in G. O., 1st July 1875, No. 1,836, Public Works Department.

5. The expenditure of Local Funds by the Public Works Department was very unsatisfactory; the proportion of the allotment for New Works (*viz.*, Rupees 2,40,418) expended being only 57 per cent., Rupees 1,36,246; of the allotment

*Proceedings of the Madras Government, Public Works Department,
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for Repairs (Rupees 1,38,130) about 80 per cent., Rupees 1,09,472, was utilized. The Collector expresses regret at this result, but does not assign any particular reason for the shortcoming. The short outlay in the previous year was attributed by the Chief Engineer in his memorandum, recorded in G. O., dated 8th July 1875, No. 1,449, Financial Department, mainly to the weakness of the Public Works Department establishment, and the Board presume that the continuance of a large unutilized balance is due to the same cause.

(True Copies and Extract.)

(Signed) C. A. GALTON,
Acting Sub-Secretary.

No. 32. ORDER THEREON, 1st October 1875, No. 2,838.

ESTABLISHMENT, No. 3.

COMMUNICATED to the District Engineer, Madura, who will, it is hoped, with the increased subordinate Local Fund Establishment authorized to be entertained in G. O., No. 2,619, dated 13th September 1875, be able to show more satisfactory progress with the communications of the district.

2. The attention of the Chief Engineer for Irrigation is called to paragraph 3 of the Board's Proceedings.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, Madura.
" Chief Engineer for Irrigation.

Exd. E. C. Shunker.

Spare Copies

o. 2,437.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 30th August 1875.
Read the following letter from W. McQUHAE, Esq., Collector of Madura, to
H. E. STOKES, Esq., Acting Secretary to the Board of Revenue, dated
Madura, 24th July 1875, No. 317:—

I HAVE the honor to submit the annual report on the progress of public works in this district during 1874-75, with the usual detailed statement of work done. I also forward the reports of the Sub-Collector and Head Assistant Collector on the public works in their divisions, as directed by Standing Circular No. XXXI. of 1861.

2. The annexed comparative abstract shows that out of an allotment of Rupees 1,08,385, Rupees 99,678 or 92 per cent. have been spent. This expenditure bears nearly the same proportion as in the previous year, but savings were chiefly effected under the head "New Works" in the items, civil buildings, communications, agricultural, and tools and plant:—

Description.	Amount of Allotment for the year 1874-75.	Expenditure of 1873-74.			Expenditure of 1874-75.			Increase.			Decrease.		
		RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
New Works.													
Civil Buildings ...	32,850	46,400	7	7	30,952	15	7	...	...	...	15,447	8	0
Communications..	10,000	37,250	12	2	4,339	9	10	...	...	...	32,911	2	4
Agricultural ...	3,000	3,499	15	10	2,667	7	2	...	...	...	832	8	8
Salt Works...	4,830	2,885	8	6	4,170	7	2	1,284	14	9	3,797	0	0
Tools and Plant...	644	4,425	0	0	628	0	0	...	...	...	...	...	...
Total ...	51,324	94,461	12	0	42,758	7	9	1,284	14	9	52,988	3	0
Repairs.													
Civil Buildings ...	3,975	3,392	8	7	4,024	3	4	631	10	9	...	...	...
Communications...	8,200	6,023	6	0	8,233	5	11	2,229	15	11	...	...	...
Agricultural ...	42,000	42,005	7	2	42,055	15	1	50	7	11	...	...	...
Salt Works...	750	449	3	1	635	3	1	186	0	0	...	...	...
Tools and Plant...	2,136	1,098	0	0	1,951	0	0	853	0	0	...	...	...
Total ...	57,061	52,968	8	10	56,919	11	5	3,951	2	7	52,988	3	0
Grand Total ...	1,08,385	1,47,430	4	10	99,678	3	2	5,236	1	4	47,752	1	8
Net decrease ...	...												

3. New Works.—Civil Buildings.—There is a decrease of Rupees 15,447-8-0 under this head against an increase of Rupees 16,937 in the previous year, owing to short expenditure during the year under review on Tirumal Naick's Palace, constructing wards in the vicinity of the new jail at Madura, and construction of

Sub-Magistrates' Cutcheries at Tiruchuli and Muducolattur, &c., many of them having been completed. Except in two or three items, the bulk of the expenditure was made for completing works under progress.

4. *Communications*.—There is a great falling off in the expenditure under this head, which amounts only to Rupees 4,339-9-10, while Rupees 37,250-12-2 were spent in the previous year. This result is due to the very small sum laid out on the Gudalore Ghaut-road, and the progress report does not afford any information regarding this short expenditure. The following are the two works executed under this head:—

(1.) Gudalore Ghaut-road.

(2.) Deepening the Paumben Channel.

5. *Agricultural*.—The amount spent during the year is Rupees 2,667-7-2, which is less than the expenditure of the previous year by Rupees 832-8-8, and nearly the whole of this sum was utilized in constructing calingulahs and sluices of tanks, all of the ordinary description.

6. The conservancy establishment entertained for the maintenance of the Nelayore Channel has been discontinued under the sanction conveyed in the Board's Proceedings, No. 1,089, dated 30th April 1875.

7. *Salt Works*.—There is an increase of expenditure in this item, amounting to Rupees 1,284-14-9, which is owing to the large amount of Rupees 3,500 having been spent on the construction of eighteen Police huts at the Muttaregunadapatam Salt-station. The remainder, or Rupees 670-7-2 of the expenditure, was incurred for erecting a merchant's shed and raising a compound wall at Attengarai, and for an irrigation channel with a sluice at its head to supply sea-water to the pans at Viravanadapatam.

8. *REPAIRS.—Civil Buildings*.—A sum of Rupees 4,024-3-4 was laid out on repairs to civil buildings against Rupees 3,392-8-7 in the preceding year, the difference being Rupees 631-10-9. The whole of the allotment was utilized. The buildings which received a considerable share are the following:—

	RS.	A.	P.
1. Repairing Deputy Tahsildar's Cutcherry and cook-room attached to the Subsidiary Jail at Tripatur.	220	6	10
2. Repairing and improving the Christian Burial-ground at Ramnad	114	9	8
3. Repairing Government House, No. 4, at Paumben...	362	6	4
4. Do. „ 2, at do.	310	0	0
5. Repairing and improving the Sea Custom Office at Keelakarai	299	13	10
6. Repairing the District Judge's Court in Tirumal Naick's Palace at Madura	150	0	0
7. Repairing the Police Constables' huts in the new Jail at Madura	275	0	0
8. Repairing the Sea Custom Office at Paumben	442	6	8
9. Do. the Protestant Church at do.	120	0	0
10. Do. the Sub-Collector's Cutcherry and Bungalow at Dindigul	1,031	4	0

Progress of Public Works in the District of Madura.

The major Head to which the Work relates.	Whether New Works or Repairs and by what Department the work was executed.	1873-74.		1874-75.	
		Budget Allotment whether Imperial or Provincial.		Budget Allotment.	
		Originally sanctioned.	Revised Allotment.	Originally sanctioned.	Revised Allotment.
1	2	3	4	5	6
Irrigation...	Imperial.	RS.	RS.	RS.	RS.
	New Works.	3,500	3,500	3,499 15 10	3,000
	Repairs	50,000	42,000	42,005 7 2	50,000
Civil Buildings...	Imperial.	150	473	473 3 8	118
	New Works.				
	Repairs				
Communications	Provincial.	43,000	38,000	37,250 12 2	10,000
	New Works.				
	Repairs				
Buildings...	Provincial.	33,657	51,714	46,400 7 7	38,350
	New Works.				
	Repairs				
Total	Imperial.	80,157	93,214	87,151 3 7	51,350
	Provincial.	59,750	51,473	51,134 0 5	62,625
		1,39,907	1,44,687	1,38,285 4 0	1,13,975
Total					99,585
					92,220 7 11

9. *Communications.*—The expenditure under this head exceeds that of the previous year by Rupees 2,229-15-11, due chiefly to Rupees 2,822-7-3 having been spent on the repair and maintenance of the Gudalore Ghaut-road, an item on which no money was spent before. A sum of Rupees 73-1-0 spent on salt branch roads is also included in this item.

10. *Agricultural.*—There is a slight increase under this head, and it is probable that a larger sum would have been spent, if funds had been available. The expenditure is a little above the allotment. The money was wholly spent on the repair of tanks and channels as described in the accompanying detailed list. At the same time the wants of the district have not been met, and the District Engineer thinks the old tanks incapable of improvement, their capacity being diminished by gradual silting up. All the channels require masonry work and other improvements, but I see no prospect of getting these works carried out.

11. *Salt Works.*—Rupees 635-3-1 have been spent under this head, showing an increase of Rupees 186. This does not call for any notice.

12. I beg to call the particular attention of the Board to paragraph 11 of the Sub-Collector's report containing his suggestion for the improvement of irrigation in the Sub-division, and urging the necessity of detailing a special establishment for the investigation of irrigation projects.

13. I beg to subjoin a statement in the form prescribed in the Circular Memorandum of the Board of Revenue, No. 1,678, dated 14th October 1874, showing the progress of public works as compared with the result of the previous year. It will be seen that no money was spent in the Revenue Department. The expenditure incurred in the Salt Department was not included in this statement, most of the works not falling within the category of buildings and communications.

14. With reference to G. O., dated 16th July 1874, No. 1,174, Financial Department (paragraph 1), I have the honor to annex a comparative abstract of the expenditure incurred by the public works agency on Local Fund Works.

Description.	Amount of Allotment for the year 1874-75.	Expenditure of 1873-74.	Expenditure of 1874-75.	Increase.	Decrease.
	RS.	RS.	RS.	RS.	RS.
<i>New Works.</i>					
Communications	2,12,420	1,39,973	1,23,616	...	14,362
Educational	27,998	5,313	10,630	5,317	...
Sanitary and Miscellaneous				5,317	14,362
Total ...	2,40,418	1,45,291	1,36,246		
<i>Repairs.</i>					
Communications	1,21,436	1,16,668	1,00,389	...	16,279
Educational	16,694	335	9,083	...	335
Sanitary and Miscellaneous		12,713		...	3,630
Total ...	1,38,130	1,29,716	1,09,472	...	20,244
Grand Total ...	3,78,548	2,75,007	2,45,718	5,317	34,606
Net decrease ...	...	...	...	...	29,289

15. There is a net decrease of Rupees 29,289 in the expenditure, which is the result of an increase of Rupees 5,317 against a decrease of Rupees 34,606. The increase occurs in the item "Sanitary and Miscellaneous" under New Works, and is due chiefly to the expenditure incurred on the execution of works for the conversion of the jails at Ramnad and Paumben into dispensaries, and on the construction of a dispensary at Periacolam; and the decrease was occasioned by short expenditure under all the other heads.

16. It is to be regretted that the allotments have not been fully utilized as was expected. A list of the principal roads and buildings under construction in the Madura and Dindigul Circles, showing the allotments and expenditure in each

item, is subjoined. It will be seen that except in a few items the allotments were not properly spent.

Circles.	Description of Works.	Amount of Estimate.	Allotment for 1874-75.	Expenditure.
	NEW WORKS.	RS.	RS.	RS. A. P.
	Communications.			
Madura.	Madura to Rameswaram	78,300	20,200	15,081 9 4
	Do. to Sayelgudi	56,800	21,000	18,545 1 5
	Melur to Shevagungah	16,000	12,000	8,773 11 6
	Manamadurai to Partibanur	14,500	13,000	5,956 13 4
	Kariaputti to Pundulgudi	48,000	20,000	12,750 6 0
	Madura to Veralur	7,110	3,942	2,391 1 1
	Do. to Alagarcovil	9,500	3,581	1,742 8 6
	Do. to Tondi	49,300	1,350	1,411 12 2
	Constructing a causeway over the Vigai at Melackal	10,700	6,000	1,634 0 0
	Road from Madura to Nuttom	27,000	6,000	779 0 2
Dindigul.	Madura to Allinagarem	27,000	12,000	5,272 14 9
	Branch to Ammainaickenur	4,010	3,000	1,427 11 0
	Pulni to Udamalapettai	10,700	7,000	1,380 0 0
	Constructing and repairing tunnels and road dams from Mettiar to Pulkanooth	29,281	23,095	20,005 15 2
	Terumangalam to Strivilliputtur	14,240	9,283	10,602 0 0
	Dindigul to Butlagundu	24,000	4,000	1,476 0 0
	Do. to Trichinopoly	14,220	3,000	...
	Masonry works on Road No. 38, from Periacolam to Cumbum	6,660	3,775	1,218 10 4
	Cumbum to Gudalore	4,800	1,443	1,071 12 0
	Periacolam to Cumbum	35,200	853	648 11 4
Dindigul.	Road No. 5, portion between Andiputti and Allinagarem	36,680	98	95 0 0
	Improving road from Dindigul to Aravacurichi	16,000	5,000	1,483 1 7
	SANITARY AND MISCELLANEOUS.			
	Erection of a dispensary at Tiruchuli	3,550	5,000	...
	Conversion of a portion of the Paumben Jail into a dispensary	2,700	2,700	2,698 13 0
	Conversion of the old jail at Ramnad into a dispensary	4,650	2,825	2,824 7 0
	Improving the new Chuttrum at Muttanendal	2,132	362	364 4 6
	Constructing a verandah to the dispensary at Ramnad	1,375	1,375	1,190 0 0
	Bungalow at Ammainaickenur	5,000	5,000	49 15 6
	Erecting a dispensary at Periacolam	4,960	4,042	1,504 13 2

ENCLOSURE No. 1.—Statement.

ENCLOSURE No. 2.

From H. W. BLISS, Esq., Sub-Collector, to W. McQUIHAE, Esq., Collector of Madura, dated Kodaikanal, 4th June 1875, No. 181.

I HAVE the honor to submit the usual report on the progress of public works in the Sub-division during the past official year.

7. *Agricultural*.—The petty expenditure under this head has been on tank sluices and on shutters to close tank calingulahs, and has been almost entirely on the completion of works in progress at the beginning of the year.

8. *REPAIRS—Civil Buildings*.—The chief expenditure (Rupees 1,031) has been on the repairs of the Sub-Collector's house and Cutcherry at Dindigul.

9. *Agricultural*.—There has been a gratifying increase in the expenditure under this important head. The irrigation works taken in hand and the expenditure on each particular one are, however, generally too small for it to be worthwhile to mention them here, except in the following instances:—

	RS.	
Vannampatti Channel	234	In continuation of repairs in hand at the beginning of the year.
Attur Pilnetti Tank	358	In progress.
Butlagundu Virankolum	151	Completed.
Do. Vedankolum	302	Completed.
Kalayambuthur Agraharam Athi-karikolum	349	do.
Kothamangalum Puthukolum	672	do.
Palny Pappankolum	579	do.
Porulur Karusalkolum	728	In progress and about half done.

10. An estimate, amounting to Rupees 9,000, has also been sanctioned for the thorough repair and regulation of the important channel (Vyapuri) which supplies the Pulni group of tanks and Kothamangalum Puthukolum, upon which a very large revenue is dependant, and to which I have for years vainly invited attention, until the present District Engineer took the matter up. The work is now proceeding rapidly, but as it was not commenced until March, the expenditure in 1874-75 was trifling.

11. *SUGGESTIONS FOR THE FUTURE*.—The only one I have to make is that Government should place at the disposal of the District Engineer the services of a competent officer who takes an interest in irrigation, and of a suitable staff of Surveyors to investigate the projects which have from time to time been suggested for the improvement of the Sub-division. One is mentioned and discussed in some detail in my letter, No. 71, dated 6th March 1875, and recorded in Board's Proceedings, No. 1,251, dated 12th May 1875. There are others in the neighbourhood of Pulni, upon which the District Engineer has already reported to Government and received answer that no officer can be spared, and that before the investigation of new projects is undertaken, existing works should be improved and repaired so as to irrigate their full ayacut. The principle is no doubt good, but like most good principles, it may be carried too far, and by rigid enforcement in the face of diverse circumstances may be made positively injurious in its application. It is so in this case. We have in this division a number of works of irrigation, the great majority of which are most petty and should, in my opinion, be swept out of the lists altogether, and, with their ayacuts, made over to the ryots at dry rates. Of the remainder, the great majority again are capable of irrigating their full ayacuts or very nearly so; and, where not, generally require such simple and ordinary repairs and deepening, as a good Maistry should be as capable of supervising as any Engineer. There are, however, a few good systems of irrigation which require different treatment. They are generally in fair order, and, where not, require but simple ordinary repairs such as the regular staff of the district can and do attend to. But there is hardly one of them which is not, I think, capable of great extension, to the benefit both of the revenue and of the people. These extensions the ordinary staff of the district cannot attend to, for want of time; and to insist that they shall be left uninvestigated until all ordinary repairs are executed, and all the existing works made to irrigate their full areas of cultivation, seems to me an act of unwisdom, which I cannot characterize as I think it deserves lest I should be thought wanting in respect to Government. The facts are, first, that the great majority of our *nunjah* waste and shavi is under the wretched, petty tanks which I say should be made over to the ryots at dry rates; and, secondly, that as fast as the ordinary establishment of the Public Works Department

2. The expenditure was as follows :—

Original Works.

	By Public Works Department.	
	Imperial.	Provincial.
Civil Buildings	Rs. ...	Rs. 5,475
Agricultural	193	...
Communications	...	...
Total ...	193	5,475

Repairs.

	By Public Works Department.	
	Imperial.	Provincial.
Civil Buildings	Rs. ...	Rs. 1,196
Agricultural	5,072	...
Communications	...	...
Total ...	5,072	1,196

Total Rupees... 11,936

3. The above is exclusive of Local Fund expenditure.

4. There is an increase under all heads of expenditure except under the head Original Agricultural (Imperial) as compared with the preceding year as shown below :—

		In 1873-74.	In 1874-75.	Difference.
Original ...	Civil Buildings...	Rs. ...	Rs. ...	Rs. ...
	Agricultural	5,446	5,475	+ 29
	Communications	741	193	— 548
Repairs ...	Civil Buildings...	...	...	...
	Agricultural	243	1,196	+ 953
	Communications	3,626	5,072	+ 1,446
Net Increase ...		...	...	1,880

5. The following items require brief remark :—

6. ORIGINAL—*Civil Buildings.*—Rupees 427 have been spent on the provision of racks in the new record-room of the Dindigul Taluq Cutcherry, which work has, to my mind, been done very roughly and unsatisfactorily, as I frequently told the Range Officer while it was in progress; Rupees 548 on a Police Station-house at Mettur; and Rupees 4,499 on the new Taluq Cutcherry at Pulni. The progress made on this latter work has been satisfactory neither in quantity nor in quality; but as I am aware that the District Engineer has fully reported on the subject to Government, it does not seem to me necessary to enter into details.

5. *Road No. 9, from Dindigul to Tondi via Tirupattur.*—This road is reported to be in good order, but the Deputy Tahsildar brings to notice that a number of the avenue trees between Vattanam and Devacottah have fallen down and should be replaced by young trees.

6. *Road No. 10, the Coast Road.*—This road is, throughout its entire course in this division, in very bad order. In fact, it would be scarcely possible for it to be worse.

7. *Road No. 12, from Melur to Pudukotta via Tirupattur.*—This road is in good order.

8. *Road No. 15, from Tirupattur to Manamadura via Shevagunga.*—This road is in good order throughout.

9. *Road No. 16, from Shevagunga to Eliangudi.*—A small portion of this road is reported to have been repaired recently. The rest is in bad order.

10. *Road No. 23, from Kariapatti to Pundalgudi.*—It is reported that this road has been completely repaired, and is in good order.

11. The several Sub-Magistrates report that their offices and sub-jails are in good repair. The only one of them that I have as yet been able to visit, that at Ramnad, is in proper order and clean.

12. The principal wants of this division as regards public works are, so far as I have as yet been able to ascertain, that the road from Permagudi to Ramnad should be put in a thorough state of repair, and that a road should be constructed from Ramnad to its principal seaport, Kilakarai. There is at present, as you are aware, nothing but a sandy track between these places.

SUBMITTED for the information of Government.

2. The total expenditure from Imperial and Provincial Funds was Rupees 99,678 out of allotments aggregating Rupees 1,08,385 or 92 per cent., about the same proportion as in the previous year, in which Rupees 1,47,430 out of an allotment of Rupees 1,59,261 were expended.

The principal items under New Works, Civil Buildings, appear to have been the same as in the preceding year, viz., the restoration of Tirumal Naick's Palace, construction of wards at the new jail, and the provision of office accommodation at certain places; the expenditure during the year on the chief items is given in the margin.

The outlay under "New Works," "Communications," was very small as compared with the year before, owing to short expenditure on the Gudalore Ghaut-road, viz., Rupees 400 only. The rest of the expenditure was on the Paumben Channel.

3. The outlay on "Repairs" was chiefly under the head of Agricultural; the allotment, Rupees 42,000, having been laid out in the repair of tanks and channels. The Collector states that the wants of the district have not been met, and seems to regard the condition of the irrigation works as very unsatisfactory.

4. With reference to paragraph 12 of the Collector's letter, the Board observe that the question of entertaining a special establishment for the investigation of irrigation projects in the Sub-division has been already laid before Government in Board's Proceedings, dated 12th May 1875, No. 1,251, and the proposal negatived in G. O., 1st July 1875, No. 1,836, Public Works Department.

repair one tank, another gets out of repair and demands attention, and that the day will no more come when they will have no ordinary repairs of old works to attend to, and will have time to turn their thoughts and devote their time to extensions and improvements, than will the day when the poor shall cease out of the land. Every day, therefore, that the investigation of new projects is delayed until the ordinary establishment shall have leisure to take them up is a day lost. It is as if a man had a gold mine on his estate, which he refused to work except when his gardeners had a few spare hours with nothing to do in the garden, or he had not taken his carriage out and his groom had not to clean it. And what I say of the Sub-division may with equal truth be said of the whole district. We have now been in peaceable possession of it for three-quarters of a century, and what have we done? We have made a few roads, some passably good, some very bad, in the Government taluqs. In the Zemindaries we have hardly done that. We built a jail a few years ago, so badly that the timbers of the roof sagged enough, almost in a few months, to allow the prisoners to escape through the ventilators. We have not built a single decent public building. Many of our public offices are simple hovels. We have allowed the palace at Madura, one of the grandest and most nobly conceived public buildings I have ever seen, to fall into such a state of ruin that it is doubtful whether any expenditure will ever again make it safe to use. We have allowed great numbers of irrigation works, the legacy of the ancient rulers, to silt up to such an extent that the late Captain Ryves reported that 30 per cent. of the water received in them was wasted: and we have done nothing to replace them. We have indeed spent much money and valuable time on the investigation of the Periyar Project, which there is too much reason to fear is impracticable, and which, even if carried out, would irrigate a portion only of, I think, only one taluq. For the rest of the district we have not even got to the stage of investigation. In the mean time, the population is increasing at a rate we can hardly as yet do more than conjecture, but which is certainly very great. In a few, a very few, years the whole of the cultivable area will be occupied and no waste left to meet the wants of the growing numbers who have nothing, and can have nothing, in this non-manufacturing country but the land to depend on for their livelihood. As it is, none but inferior land is left uncultivated. Are we to continue to stand still and to let things drift? I humbly venture to think not, and as a first instalment of better days to come, I ask for the investigation of the natural resources of the district with the view of providing against such waste thereof, as I believe now to be of constant occurrence.

12. This report has been delayed pending the receipt from the Public Works Department of the information required to fill up the statement prescribed in the Board's Circular Memorandum, No. 1,678, dated 14th October 1874. It has not yet been received. The statement shall be forwarded as soon as it is.

ENCLOSURE No. 3.

From L. MOORE, Esq., Acting Head Assistant Collector of Madura, to W. McQUIHAE, Esq., Collector of Madura, dated Ramnad, 27th May 1875, No. 164.

I HAVE the honor to submit the usual annual report for 1874-75 on the public works in this division.

2. *Road No. 2, from Madura to Rameswaram via Ramnad and Paumben.*—The portion of this road from Madura up to the river Vaigai, within a couple of miles of Permagudi, is, on the whole, in good order. A few of the culverts are under repair. From the Vaigai up to Ramnad it is, however, in a very bad condition. Even in the best weather it is full of enormous ruts and most inconvenient to travel over, and in wet weather it is almost impassible. Portions of this road are now under repair. From Ramnad to Mandapam, opposite Paumben, it is simply a sandy track which, at the best of times, it is very troublesome to get over. The causeway between Paumben and Rameswaram is reported to be very much out of repair.

3. *Road No. 3, from Madura to Sayelgudi.*—This road is in good order up to Kariapatti, about eighteen miles from Madura. After that place it is in bad condition.

4. *Road No. 8, from Madura to Tondi.*—This road is in good condition up to Tiruvadanai. From that village to Tondi, about eight miles, it is in very bad order.

5. The expenditure of Local Funds by the Public Works Department was very unsatisfactory: the proportion of the allotment for new works (*viz.*, Rupees 2,40,418) expended being only 57 per cent., Rupees 1,36,246; of the allotment for repairs (Rupees 1,38,130) about 80 per cent., Rupees 1,09,472, was utilized. The Collector expresses regret at this result, but does not assign any particular reason for the shortcoming. The short outlay in the previous year was attributed by the Chief Engineer in his Memorandum, recorded in G. O., dated 8th July 1875, No. 1,449, Financial Department, mainly to the weakness of the Public Works Department establishment, and the Board presume that the continuance of a large unutilized balance is due to the same cause.

(True Copies and Extract.)

W. McQuihae
Acting Sub-Secretary.

To the Secretary to Government, Public Works Department,
with one original Statement, to be returned.

.. the Collector of Madura.

Copy to the Acting Secretary to Government, Revenue Department.

1344-175-2632

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PROCEEDINGS, 30TH AUGUST 1875, No. 2,437.

Dear Sir,

Enck

Received of Mr. J. P. ...
the sum of ...

AUGUST.

No. 2,437.

Public Works—in Madras District.—Colonel's report on progress of—during 1874-75, reviewed and submitted to Government with remarks.

We have declined for
the present to give any
special endorsement
for investigating projects
for extension of copyright
in this district - and it

whether we cannot do
something in the present in general, we would like
you to send investigation. But if the investigation really
perhaps the chief say we are decided by it
and for investigation could that rapidly becoming
consider the matter & "used up" by nothing &
suggest a commitment. Other causes - it may
of which may be a useful
to be determined to these

5799
Govt. of 1875 Madras.
PUBLIC WORKS.

To The Dy. Supt.
Madras.

Dated

Issued

Recd.

Encl.

2838

Nos 31-32

Public Works executed in
the Madras Str. during
1874-75. — Passing orders
on Progs. of the Board
of Revenue submitting
with remarks the
Collector's report on