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MADRAS RECORD OFFICE.

Government of Madras.

Public DEPARTMENT.

G.O. No. 823 Press Mis.

Dated 6-9- 1877.

Not to be folded or roughly handled

No. 50. Read the following Proceedings of the Board of Revenue, dated 1st August 1871, No. 3,197 :—

Read the following letter from the Acting Collector of Madura, to the Acting Secretary to the Board of Revenue, dated 5th June 1871, No. 173.

I HAVE the honour to submit the usual report on the progress of Public Works in the district during the year 1870-71, with a detailed statement of works executed.

2. Under the Board's Standing Circular No. XXXI. of 1865, the reports of the Acting Sub-Collector and the Head Assistant Collector are herewith forwarded.

3. I beg to annex an abstract showing the expenditure under each head in comparison with that of the preceding year. There is a slight increase in the expenditure during the year. The difference between allotment and expenditure under the head "Agricultural" is due to the Perryaur project, to which Rupees 50,000 was allotted, but in which only Rupees 4,098 was spent :—

Description.	Amount of allotment for the year 1870-71.	Expenditure of 1869-70.	Expenditure of 1870-71.	Increase.	Decrease.
New Works.	RS.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Civil Buildings ...	16,540	4,148 3 11	15,905 10 6	11,757 6 7	.....
Communications ...	29,925	24,402 8 2	29,674 8 7	5,272 0 5	.....
Agricultural ...	58,336	10,310 8 3	7,271 4 3	.....	3,039 4 0
Salt Works	845	6,926 0 0	845 0 0	... .	6,081 0 0
Tools and Plant ...	254	220 0 0	220 3 0	0 3 0	.....
Total...	1,05,900	46,007 4 4	53,916 10 4	17,029 10 0	9,120 4 0
Repairs.					
Civil Buildings ...	3,125	2,641 5 0	2,814 0 5	172 11 5	.....
Communications ...	55,648	46,900 5 8	54,616 6 0	7,716 0 4	.....
Agricultural ...	41,000	49,512 13 8	38,459 0 5	.....	11,053 13 3
Salt Works	835	5,130 0 3	698 14 0	.....	4,431 2 3
Tools and Plant ...	1,330	1,039 3 0	1,679 14 9	640 11 9	.....
Total...	1,01,938	1,05,223 11 7	98,268 3 7	8,529 7 6	15,484 15 6
Grand Total...	2,07,838	1,51,230 15 11	1,52,184 13 11	25,559 1 6	24,605 3 6
Net increase	.....	.....	.....	953 14 0	.....

4. NEW WORKS—*Civil Buildings.*—The expenditure under this head exceeds that of the preceding year by Rupees 11,757. This is due to the fact of Rupees 10,000 having been spent this year on the restoration of Tirumala Naick's Palace. The other buildings on which money was laid out are chiefly the Subsidiary Jails and Police Station-houses.

5. COMMUNICATIONS.—There is an increase of Rupees 5,272 in the expenditure on communications. In the preceding year nothing was spent on Imperial Road No. XII., while a sum of Rupees 11,976 was laid out on it during the year under report. This accounts for the above increase. A sum of Rupees 15,000

was spent in constructing road No. XIII. from Paumben to the Coimbatore boundary. Nearly half of this important line still remains unmade.

6. Having only recently joined the district, I cannot report on the condition of the roads from personal knowledge.

7. On the construction and maintenance of local roads a sum of Rupees 98,244 was spent from the Road Fund, the result of which was explained in my report on Local Funds.

8. I beg to subjoin a memorandum showing the mileage of Imperial Roads maintained in good order, and the number of miles constructed and under construction. Twenty-three miles of new road were made during the year, and four miles are under construction.

Class.	Imperial Roads.	Number of miles which have been maintained in good order.	Number of miles which have been completed.	Number of miles which are still under construction.	Number of miles which are not yet commenced upon.	Remarks.
		A.				The length of unmade portions of roads which had maintenance allowances was hitherto included in Column A, but it has now been omitted from it.
I.	Great Southern Road No. 2 from Madras to the Travancore Frontier	64	...	...	...	
	Road No. 12 from Tondy, on Madura Coast, to Dindigul *via* Devicotta, Tripatore, and Nuttam	73	17	...	...	
	Road No. 13 from Paumben to Palghaut *via* Ramnad, Madura, Pulni, and Pullachy	78	6	4	88	
...	Cotton Road No. 14 from Madura to Tuticorin *via* Ettiapuram	19½	...	...	19½	
I. District Road.	Road No. 21 from Sayelgoody to Thoppoor	...	...	...	43	

9. Agricultural.—No important work of irrigation was constructed during the year. Out of the sum of Rupees 7,271 expended under this head, Rupees 4,098 was spent on the Perryaur project, and the rest on constructing masonry sluices, etc., for existing works.

10. Considerable difficulty is experienced in keeping up the establishments for the conservancy of the channels noted in the margin. These establishments are paid by a cess consented to by the ryots, and it is found nearly impossible to collect it.

Nalayur, Madacal, Thenur, and Vadakarai.

11. Salt Works.—The expenditure under this head falls short of the sum spent in the preceding year by Rupees 6,081. This is attributable to the erection, in 1869-70, of a bund across the Virisilai Aur to protect the salt works at Vuttanum.

12. Repairs—*Civil Buildings.*—A sum of Rupees 2,814 was laid out on ordinary repairs to Civil Buildings, which exceeds the expenditure of the preceding year by Rupees 172.

13. Communications.—The expenditure on Communications, Rupees 54,616, includes the cost of maintaining the branch salt roads, for which provision was made in the Revenue Department under "Petty Construction and Repairs." There is an increase of Rupees 7,716 under this head, which chiefly occurs in Imperial lines No. XIII. from Paumben to the Coimbatore Boundary *via* Madura and Dindigul, and No. XXI. from Sayelgoodi to Thopoor.

14. Agricultural.—There is a decrease of Rupees 11,053 in the expenditure owing to a decrease in the allotment under this head. The money was distributed in small sums among the numerous works of irrigation.

15. Salt Works.—The decrease of Rupees 4,431 is owing to the large expenditure incurred in 1869-70 in filling up abandoned salt pans.

From the Acting Sub-Collector, to the Collector of Madura, dated Camp at Kodaikanel, 20th April 1871.

I have the honour to submit the usual report on the progress of Public Works in the subdivision during the official year 1870-71.

2. I regret that as I have only recently re-joined the district I can do little more than state the expenditure of the year, and am unable to give a detailed opinion as to its results.

3. The expenditure has been as follows :—

Original Works.

Items.	By Department of Public Works.		By Revenue Department.	
	Imperial.	Local.	Imperial.	Local.
	Rs.	Rs.	Rs.	Rs.
Civil Buildings	...	.....	.....	.....
Agricultural	135	.....	.....	.....
Communications	20,197	3,477	.....	12,139
Total..	20,332	3,477	.....	12,139

Repairs.

Items.	By Department of Public Works.		By Revenue Department.	
	Imperial.	Local.	Imperial.	Local.
	Rs.	Rs.	Rs.	Rs.
Civil Buildings	249	.....	.....	.....
Agricultural	7,268	.....	.....	.....
Communications	9,428	300	.....	8,313
	16,945	300	.....	8,313
Repairs to wells	.....	.....	.....	22
Total...	.....	.....	.....	61,528

Excluding the last item, which refers to a small well at the foot of the Siroomalay ghaut, of great use to travellers up and down, there has been a small net decrease on the expenditure of the year as compared with 1869-70, as shown below :—

Items.		1869-70.	1870-71.	Difference.
		RS.	RS.	RS.
Original...	Civil Buildings	2,088	.....	— 2,088
	Agricultural	.....	135	× 135
	Communications	33,304	35,813	× 2,509
Repairs ...	Civil Buildings	1,104	249	— 855
	Agricultural	14,749	7,268	— 7,481
	Communications	11,126	18,041	× 6,915
	Net decrease...	.....	.....	865

4. NEW WORKS.—The expenditure by the Department of Public Works under the head of Communications has been (Imperial Funds) Rupees 14,999 on the road from Dindigul to Palani, and Rupees 5,198 on that from the same place to Nattam. The first of these roads has been completed as far as Palakanooth (fourteen miles), and from Palani to three miles to the east of Chattrapully (thirteen miles). The road is so far, I hear, in good order ; seven miles remain to be completed. The Nattam road has been completed ; it is in good order for the few miles I have been over it. The Local Fund expenditure by the Department of Public Works under this head (Rupees 3,477) has been entirely on the formation of a ghaut to the Lower Pulnies. The work is I understand completed, and the improvement of the bandy track from the foot of the hills to the road from Palkanooth to Ammaianaicknur is now in hand.

5. The expenditure under this head by the Revenue Department has been on the road from Dindigul to Battalagoondu. I have not inspected this road since I returned to the district, but fear the progress made has not been adequate ; indeed, the non-expenditure of the very moderate allotment (Rupees 15,000) for the year shows this.

6. REPAIRS—*Agricultural.*—There is a decrease under this head of Rupees 7,481 from the amount expended in 1869-70. The repairs which have been executed are for the most part of a petty nature. I have not inspected any of them, but shall endeavour to do so while on my Jummahbundy tour.

7. *Communications.*—The repairs under this head by the Department of Public Works have mainly consisted of the maintenance of the formerly-completed portions of the two roads above mentioned (paragraph 4) as being under construction, and of the usual repairs to the Siroomalay ghaut.

8. In the Revenue Department Rupees 8,313 have been expended in maintenance works as follows :—

	RS.
I.—Road from Dindigul to Vedasandoor (allotment Rs. 1,500) ...	1,179
II.— Do. from Dindigul towards Caroor (do. „ 5,100) ...	4,964
III.— Do. do. to Battalagundu (do. „ 2,200) ...	1,128
IV.—Portion of road from Pallaputti to Pereacolum within sub-division (allotment Rupees 1,220)...	1,042

9. The first of these roads I have not yet inspected. The second is throughout in fairly good order, but on a recent inspection I was not satisfied that the most had been made of the large sum expended on it. On the third road the expenditure has been materially less than the allotment, owing to so small a mileage of the portion which is now under construction having been completed and handed over by the contractors and brought under maintenance during the year under review. The fourth road is in pretty good order, but its repairs have been delayed so long after the proper time that much of the gravel lately put on has already been pulverized and

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blown away. This is always the case where the repair of a road through a dry part of the country is attempted during the hot weather, and much money is, I fear, annually wasted in this way.

10. *Future requirements of the Sub-division.*—Under this head I have nothing to add to my remarks in my reports for 1868-69 and 1869-70, except that I think that, to facilitate the transport of Railway material, it is more than ever important that something should at once be done to make the road from Trichinopoly to Dindigul at least passable. Provision was made for the commencement of this work in the original Local Fund Budget for 1870-71 ; but the allotment was subsequently struck out, as explained in paragraph 11 of my letter embodied in Board's Proceedings, No. 4,270, dated 21st June 1870, I think also that early arrangements should be made for the formation of roads to connect the Kannivady Zemindary and the Lower Pulni Hills with the proposed Railway stations at Dindigul and Ammianaicknur. The existing road from Kannivady to the latter place is now, I understand, in a most deplorable state, and not passable without absolute danger. I may also again draw attention to the state of the Pulni Talook Cutcherry. Hardly any language could be too strong to apply to the miserable, leaky, dirty, unhealthy, and almost unsafe state of this building. A new one ought to be built at once.

From the Head Assistant Collector, to the Collector of Madura, dated 14th April 1871, No. 88.

I HAVE the honour to submit the usual annual report on the state of the roads in my division, as required by the Board's Standing Circular Order, dated 7th November 1865, No. 81.

2. Road No. XIII.—This is the road leading from Paumben to Palghat *via* Ramnad and Madura. The first eight miles of it outside Madura, that is, between Madura and Manaloor, is in good condition, the rest of it has not been made, and is only capable of being used during the dry season. The sanctioned estimate for repairs amounts to Rupees 18,900, but only Rupees 2,173 have been spent on it up till February last.

3. Road No. XIV. from Tondy to Manaloor *via* Shevagunga.—The portion between Tondy and Kaliarkovil is almost completely destroyed, and is really dangerous for bandy traffic. The portion between Kaliar Kovil and Shevagunga is in fair condition, but the remainder between Shevanga and Puvandy is not so good, it having been greatly cut up by the rains. It is, however, undergoing repairs.

4. Road No. XII. from Tondy to Dindigul by way of Tirpattoor is in good condition.

5. Road No. V. from Melur to Puducottah by Tirpattoor.—No repairs have been executed during the official year, and the road remains in much the same state as when last reported on.

6. Road No. VIII. or coast road is sandy and heavy throughout its length, with the exception of the portion between Devipatam and Ramnad, and this portion is in very bad condition. No repairs have been executed during the year.

7. Road No. IX. between Ramnad and Camudy by way of Mudugulattur is in bad condition.

8. Road No. XXI. between Soyalgoody and Topoor is in rather a bad state. 2,588 Rupees have been spent on it during the year, but sand has been in great part used, and the road when I rode over it was soft and perfectly useless, at least as far as bandies were concerned.

9. The branch cotton road leading to Tuticorin is good only between Arupucotta and Pundalagoody.

10. BUILDINGS—*Paumben.*—The Sea Custom-house and Sub-Jail are undergoing repairs.

11. *Ramnad, Mudugulattur, and Tiruchuly.*—The new Jails at these places still remain unfinished.

12. *Shevagungah.*—A new Jail, or, at least, additional Wards, are necessary, and likewise a new Cutcherry for the Sub-Magistrate. It will be impossible to use the present Cutcherry much longer ; in fact, it is nothing but a mere shed, without one-tenth proper accommodation.

13. *Tiruvadanai.*—A new Cutcherry and Sub-Jail is much needed here too.

14. *Tiruppattoor.*—Subsidiary Jail has been repaired, and is at present in a good state.

Proceedings of the Madras Government, Public Works Department.
4th September 1871.

ABSTRACT.—Detailed Statement of Public Works showing the amount expended on them and the progress made during the official year 1870-71 in the district of Madura.

SUBMITTED for the information of Government.

2. The expenditure during the year fell short of the allotment by Rupees 55,654, and exceeded that of the previous year but slightly.

3. It will be seen from paragraph 10 of the report that the voluntary system of irrigation cess has failed, as in Coimbatore, and that it has been found impossible to collect the cess.

4. The expenditure under the head "Agricultural Repairs" is less than that of last year by Rupees 11,053, owing to a decrease in the allotment.

Vide paragraph 14.

5. This the Board consider is much to be regretted, as the small irrigation works on which the money is spent are in a very bad state, and the people are not only paying wet revenue, but are also obliged in self-defence to keep the works in a certain state of repair.

6. It appears from paragraph 15 that Rupees 4,431 have been expended in filling up abandoned salt pans. The Board doubt the advisability of such expenditure.

7. As regards communications, it appears from paragraph 5 that Road No. XIII. is still one-half unmade. As a Railway feeder this line is most important.

8. The Sub-Collector draws special attention to the Trichinopoly and Dindigul road in connection with Railway projects, and urges the need of its being rendered at least passable.

9. Mr. Bliss repeats his complaints regarding the dilapidated condition of the Pulni Talook Cutcherry, and the Board trust that an adequate allotment may be shortly made for its repair and improvement.

No. 51. ORDER THEREON, 4th September 1871, No. 2,253.

ESTABLISHMENT, No. 8.

COMMUNICATED to the Superintending Engineer of the 8th Division.

(True Extract.)

Captain, R.E.,
Under-Secretary to Government.

To the Superintending Engineer, 8th Division.

Exd. E. C. Shunker.

Roofing two main and two Side rooms of Subsidiary Jail at Tandoor	Supdt Engr 23-12-70	60 — —	"	60 — —	60 — —	
Total Civil Buildings	—	—	12696-6-11	15402-10-6	28098-1-5	
Communications						
Making Guide Stone &c. Causeway across Vegetiner near Sowrimuttu Road No XIII	G.O. 16-10-69	550 — —	277-8-"	272-8-"	550 — —	
Constructing Road No XIII from Madura via Tirumanicknur Dindigul Palaykaroth and Pulney to Coimbatore	G.O. No 3453 25-11-68 & No 3003 25-9-69	165000 — —	111361-7-3	149319-6-8	126363-11-11	
Improving the Road No XII between Dindigul and Sultans	G.O. No 3165 6-10-68	10000 — —	4769-7-5	5197-10-2	9967-6-7	Total for Road
Improving the Road No XII between Sattanam via Daviedah to Trichatore	G.O. No 618 26-2-69.	36750 — —	30619-—-4	6778-14-2	37397-14-6	
Miscellaneous Public Improvements						
Cutting Lower eight of the Pershaumbo at Tandoor	G.O. No 2106 5-9-62.	42340 — —	37358-5-0	1206 — —	40664-5-11	
Deepening Pandian Channel from 12 to 14 feet at low water	G.O. No 721 2-3-66	22810 — —	21613-10-"	1141-14-7	4600-8-7	
Total Communications	—	—	159879-5-11	33676-5-7	279555-15-6	
Agricultural						
Constructing Sluices in Nadiveacottay Tank of Nadiveacottay Village	Est 4-9-69	110 — —	"	109-14-7	109-14-7	
Constructing a Calingulah in Caravagoody Tank of Caravagoody	Do 10-4-69	440 — —	"	439-9-3	439-9-3	
Do a Sluice in Cokalapy Calingulah of Cokalapy	Est 1-8-70	80 — —	"	80 — —	80 — —	
Do Sluices in Thencuray Channel of Tholavinadaw	1-8-70	460 — —	"	266-2-7	266-2-7	
Do an Anicut across Sattanam Odoy	G.O. No 2319 1-10-70	570 — —	"	275-15-1	275-15-1	
Do a Calingulah in Poolamgoody Tank of Pooloongoody	Est 20-5-70	268 — —	"	260 — —	260 — —	
Do a Sluice & Calingulah in Mirutloor Tank of Maroothoor	14-2-71	325 — —	"	318 — —	318 — —	
Improving one Irrigation Channels Constructed in the District Roads	—	—	"	135 — —	135 — —	
Supply & Erection Connected with the Surveys of Periyar Project	G.O. No 1792 27-7-70 & No 2978 8-12-70	—	"	4098-10-9	4098-10-9	
Value of Brick for Sluices in blasting Operations in Connection with the Periyar Project	G.O. No 1522 28-6-70	—	"	95 — —	95 — —	
Salary of Lascars &c employed under Superintending Engineer on Special duty	—	—	"	1213 — —	1213 — —	

Total Agricultural	"	"	"	7271 4 3	7271 4 3
⊗ Salt Works	"	"	"	845 — —	845 — —
Tools & Plants	"	"	"	220 3 —	220 3 —
Total Orgnab. Works	"	"	202575 13 10	53916 10 4	256492 8 2
⊗ Constructing of a Sluice in the Channels at Manakolam	"	240 — —	"	240 — —	240 — —
D° Pilot Ant for Station Officer at Viravanallapatam	"	395 — —	—	395 — —	395 — —
D° Deputy Constables Ant at Vellanaud	"	210 — —	"	210 — —	210 — —
	—	—	—	845 — —	845 — —

Repairs					
Civil Buildings					
Opening & fixing a window in the Chamber of Civil Court at Madura	L. A. 12 5 70	40 — —	—	40 — —	40 — —
Repairing the Subsidiary Jail at Trisulam	S.A. 8 2 70	800 — —	250 — —	538 — —	788 — —
D° the Salary Cutcherry at Madura	S.A. 29 12 70	360 — —	"	359 — —	359 — —
D° the Tailors & Barbers Huts attached to the New Jail at Madura	S.A. 1 11 70	10 — —	—	10 — —	10 — —
D° the Post Office at Madura	S.A. 9 8 70	224 — —	"	224 — —	224 — —
D° the Burger Treasury room at Madura	S.A. 8 9 70	178 — —	—	175 — —	175 — —
D° the Salary Cutcherry at Melur	S.A. 4/71	190 — —	—	183 — —	183 — —
D° the Repairing of the Cabrine of the Deputy Subsidiary Cutcherry at Trisulam	S.A. 8 9 70	45 — —	—	43 — —	43 — —
D° Store Shed at Parialam	S.A. No 1219 of 4-8-70	35 — —	—	32 — —	35 — —
D° Sub Collectors Cutcherry at Dindigul	D° No 1719 of 19-9-70	90 — —	—	81 — 8	81 — 8
D° Cookroom attached to the Subsidiary Jail at Dindigul	D° No 2440 of 6 12 70	58 — —	—	55 — —	55 — —
D° Salary Cutcherry at Dindigul	D° No 2848 of 9-1-71	113 — —	—	113 — —	113 — —
D° Post Office at Ramnad	Supt Engr 14-10-70	12 — —	—	12 — —	12 — —
D° Moonsiffs Court House at Paramagudy	D° 2 12 70	128 — —	—	113 — —	128 — —
D° Inspectors Bungalow at Shevagunga	D° 5 1 71	135 — —	—	129 — 8	129 — 8
D° Subsidiary Jail at Periavaloor	D° 9 1 71	58 — —	—	58 — —	58 — —

Repairing Record Room of	Do				
Sub-Magistrates Cutcherry at Ramnad	20-2-71	22		22	22
Do Telegraph Office at Pamben	Do 28-1-71	613-10-1		613-10-1	613-10-1
Total first Bun Dues			257	2814-6	3064-6
Communications					
Road No II Great Southern Road from Madras to the Travancore frontier	G.O. No 183 18-1-64	16920		16918-15-10	16918-15-10
Road No XII from Trichy to Dindigul	Do Do	10293		10292-14-4	10292-14-4
Road No XIII from Pamben to Palghaut via Ammiamaicktinor Dindigul Pulkamotta and Palacy	Do Do	17748		17748-12-11	17748-12-11
Road No XIV Cotton road from Madura to Tuticorin	Do Do	2068		2066-11	2066-11
Road No 21 from Sayalcoody to Thoffpur	Budget for 70-71	4371		4370-7-11	4370-7-11
Repairing the Verandah in the Travellers Bungalow at Melur	C. A. 19-2-70	18	73	18	18
Erecting Chunam & supplying Shutters for the Office room in the Travellers Bungalow at Melur	C. A. 12-6-70	43		43	43
Repairing the Travellers Bungalow at Tiroomungalam	15-2-71				
Do Travellers Bungalow at Dindigul	C. A. No 1720 of 19-9-70	84		80	80
Do Do at Palacy	Do Do	46		62-8	62-8
Maintenance allowance of Road Banks Channels	G.O. dated 1790 of 25-5-58	1880		1528	1528
Total Communications			13	53168-6	53169-6
Salt Roads					
Maintenance & Repairs of the Salt Branch Road from Karthiringanda Palaiam to Coast Road		848		300	300
Do from Morekolam to Ettiyapl		1207		900	900
Do from Vellanaim to Coast Road		110		110	80
Do from Veruvanattepalaiam to Coast Road		300		150	150
Total Salt Roads				1460	1460
Total Communications			13	54616-6	54629-6
Agriculture &c					
Closing breaches in the Periyakulam Tank & repairing Sluices	C. A. 17-5-71	800	576	280	196

Vellaveram Record Room &c Do

Sur.						
D.	Repairing Velangood Parra Cumoy Tank of Velangood	19-5-69	2100	881	1136-7-8	2017-7-8
	Closing breaches in Coothroolam Tank & Channel of Cutchakutty	Ct	240		167-7-6	167-7-6
	Repairing Chittaway Anicut across the river Vygay	20-5-70	1100		1099-15-9	099-15-9
Do.	Thumbuttaw Cumoy Tank of Thavia-mungulam	27-9-69	60		60	60
Do	Pulavaiaunthel Tank of Cutchanypauk	Do Do	103		98-12	98-12
Do	Vyoshy Cumoy Tank of Cutchanypauk	Do Do	118		118	118
Do.	Oyauanthel Tank of Vellaveltangood	Do Do	60		60	60
Do	Vellipullaw Cumoy of Vellaveltangood	Do Do	70		70	70
Do	Chittatangood Tank of Pulaiaattangood	Do Do	110		110	110
Closing breach in Cadiolam Tank of Thulla-Kolam		26-2-70	55		55	55
Do	in the Channel of Crasspauur Tank of Crasspauur	20-5-70	150		150	150
Do	in Corayoor Vesspaugulam Tank of Corayoor	Do Do	87		87	87
Do	in the Channel supplying Kelavaury Tank of Kelavaury	20-5-70	110		110	110
Do	in Alapitchery Tank of Alapitchery	31-5-70	350		338	338

	Closing breach in Nelegoor Channel of Velacherry	24-1-70	360		340-15-11	340-15-11
Do.	in Maduvolam Channel of Maduvolam	20-5-70	370		369-15-11	369-15-11
Do	in Velacherry Tank of Velacherry	20-5-70	130		130	130
Do	in Kelamvolam Tank of Kelamvolam	22-11-69	33		33	33
	Repairing Chinnacadambenvolam Tank of Chinnacadambenvolam	4-9-69	420		387-1-9	387-1-9
	Closing breach in Vellanvolam Odapenvolam Tank of Vellanvolam	20-5-70	64		63-15-11	63-15-11
Do	in Callicoody Arasenvolam Channel of Callicoody	17-5-70	36		36	36
	Repairing Odangly Caroopauranthel Tank of Collamputty	10-4-69	52		50	50
"	Alacommoy Tank of Thombaputty	31-5-70	99		98-9-4	98-9-4
"	Kerravanoor Tank of Kerravanoor	16-5-70	120		120	120
"	Ayavolam Tank of Cuckiputty	27-9-69	184		184	184
"	Vallaswaranthel Tank of Thiroovallore	Do	86		86	86
"	Nagamoottoo Tank of Do	Do	109		109	109
"	Pareavolam Tank of Pallore	31-5-70	100		100	100
"	Vachayanauthel Tank of Thovaravolam	16-5-70	110		110	110
"	Thottoor Tank of Kerravanoor	Do	440		440	440
"	Cuchayan Tank of Melior	31-5-70	39		39	39
"	Vethiencrumply Tank of Cuckiputty	Ct 16-9-69	64		64	64

Vellicareputty

Closing breach in Paraway tank of Paraway	20 — 5 — 70	110 — —		110 — —	110 — —	
Do in Vadagoray Channel of Sholavandan	20 — 5 — 70	175 — —		129 — 10 — 1	129 — 10 — 1	
Do in Odaycolam Tank of Carusuty	Let 30 — 10 — 69	232 — —		231 — 15 — 11	231 — 15 — 11	
Repairing Paraway mound across the river Vygay	20 — 5 — 70	280 — —		270 — —	270 — —	
Closing breach in Carusuty tank of Carusuty	31 — 10 — 69	325 — —		318 — 15 — 9	318 — 15 — 9	
Repairing Sooloo Coonoy tank of Boothamungalam	31 — 5 — 70	116 — —		112 — 6 — 1	112 — 6 — 1	
Do Vyraman tank of Pattoor	80	120 — —		120 — —	120 — —	
Do Varasanadaw Coonoy of Pattoor	80	95 — —		93 — — 1	93 — — 1	
Do Thomaray Coonoy of Cutcheray Carusuty	Let 31 — 5 — 70	155 — —		155 — —	155 — —	
Do Pappal Coonoy of Boothamungalam	31 — 5 — 70	87 — —		86 — 8 — 10	86 — 8 — 10	
Do Paria coonoy tank of Thiruvalloor	20 — 5 — 70	580 — —		580 — —	580 — —	
Closing breach in the Channel supplying Sevana Colley tank of Sevanacotta	Let 19 — 5 — 70	238 — —		222 — —	222 — —	
Do in the Supplying Channel of Sewadoraputty tank of Sewadoraputty	80 23 — 7 — 70	138 — —		138 — —	138 — —	
Do in Mapilachery tank of Mapilachery	80	118 — —		109 — — 6	109 — — 6	
Do in Collorputty tank of Coulier putty	17 — 5 — 70	140 — —		140 — —	140 — —	
Repairing Thoombacolum tank & Channel of Thoombacolum	12 — 11 — 69	1970 — —		1859 — 1 — 11	1859 — 1 — 11	
Closing breach in Theran Perimealam tank of The Iran	31 — 5 — 70	55 — —		55 — —	53 — —	
Repairing Mahilachery tank & Mahilachery	10 — 11 — 69	900 — —		854 — 14 — 10	854 — 14 — 10	
Closing breach in the Supplying Channel of Kalavanary tank of Kalavanary	23 — 7 — 70	98 — —		90 — 6 — —	90 — 6 — —	
Repairing Upary Coonoy tank of Villoor	12 — 4 — 69	1100 — —		1075 — 2 — 9	1075 — 2 — 9	
Closing breach in Villoor Paria Coonoy tank & Channel of Villoor	17 — 5 — 70	180 — —		173 — —	173 — —	
Repairing Yeroo calam Mauw tank of Yeroo = Calacattaw	19 — 6 — 69	116 — —		116 — —	116 — —	
Do Anoopanady tank of Anoopanady	20 — 5 — 70	1200 — —		220 — 1 — —	220 — 1 — —	
Closing breach in Mangalcoody tank of Mangalcoody	8 — 9 — 70	74 — —		73 — 15 — 11	73 — 15 — 11	
Do in Nambalanjy tank of Nambalanjy	Let 20 — 5 — 70	88 — —		88 — —	88 — —	
Do in Caradipully tank of Caradipully	80	78 — —		72 — —	72 — —	
Do in Vadavalanjy tank of Vadavalanjy	80	88 — —		86 — —	86 — —	
Do in Nambalanjy Channa Coonoy tank of Nambalanjy	80	43 — —		43 — —	43 — —	
Do in Parapully tanks of Parapully	20 — 5 — 70	58 — —		58 — —	58 — —	
Repairing Tonevancolam Paracoonoy of Tonevancolam	Let 14 — 5 — 70	370 — —		358 — 9 — 4	358 — 9 — 4	
Do Paracockoo Coonoy tank of Boothamungalam	31 — 5 — 70	64 — —		61 — 5 — 5	61 — 5 — 5	
Closing breaches in Coopparam & Paracoonoy tank of Vandary	23 — 7 — 70	70 — —		66 — 13 — 6	66 — 13 — 6	
Do in the Supplying channel of Parivacolam tank of Ottiacarputty	20 — 5 — 70	190 — —		185 — —	185 — —	

Repairing Kreanachiperaw tank of Shiromaiee	Lt 10 4 69	2100	"	1500	1500	
Closing breach in Authanoor tank of Authanoor	Set 23-7-70	167	"	162	162	
Do in Supplying Channel of Poolicolam tank of Chittraw Poolicolam	20-5-70	70	"	66	66	
Repairing Perea perumungoody tank	10-4-69	1870	999-8	272-6-10	1271-14-10	
Do Calliearay Sluice in Vadgaray tank of Tholavundan	Let 10-9-70	210	"	147	147	
Do the wing wall of Caliyulah in Chatchiecolam tank of Chatchiecolam	Let 15-9-69	383	"	163-12	163-12	
Diverting the Course of Supplying Channel of Velangoody tank of Velangoody	29-5-69	45	"	45	45	
Closing breaches in Thingaray Channel of Coorvilthoray	26-2-70	160	"	33-2	33-2	
Do in the Supplying Channel of Parancomniay of Canowanoor	8-9-70	60	"	60	60	
Deepning Channel & throwing earth in rear of wingwall of Sluice across Cullany & Kulacossiaprondo	17-5-70	23	"	20.15.6	20.15.6	
Closing breach in the Supplying Channel of Arrapetty & Vellencolam	Let 29-10-70	195	"	194-11-7	194-11-7	
Closing breach in Sembaraay tank of Sembaraay	Let 29-10-70	130	"	129-10-11	129-10-11	
Do in Rammelaiem tank of Kuttraycaiechuon	29-10-70	43	"	40-11-6	40-11-6	
Do in Vadgaray Channel of Vadgaray	Do	140	"	138-13	138-13	
Do in the Channel of Kuttucaray & Kunnigalam	Let 29-10-70	36	"	37-14-10	37-14-10	
Repairing Singaiy Coonnoy tank of Cottampetty	Do 27-9-70	37	"	37	37	
Do Kunnigalam Poothacolam tank of Coonnoa petty	22-8-70	200	"	200	200	
Closing breach in north bank of near at the head of Sugadinnungalam Channel of Sugadinnungalam	1-2-71	205	95	190	285	
Do in the Channel of Vencatasamiedam tank of Vencatasamiedam	20-12-70	167	"	159-15-3	159-15-3	
Repairing Perrungaraiyan tank	Let 20-12-70	452	"	444	444	
Do Moonootham tank of Kedaripetty	20-12-70	450	"	434	434	
Do Attiecary Coonnoy tank of Boothanungalam	4-8-70	482	"	437	437	
Do Kolacolam tank of Kolacolam	L.A. 4-9-70	530	"	279-6-2	279-6-2	
Do Vancolam tank of Paraiy	12-9-70	136	"	136	136	
Closing breach in Paniamoo petty tank of Paniamoo petty	29-10-70	45	"	40-10-9	40-10-7	10
Repairing Karagroody tank of Kariripetty	4-8-70	193	"	184	184	
Do Kookipetty Coonnoy of Chittanoay	23-9-70	480	"	480	480	
Do Poodoo Coonnoy of Thillacolam	13-1-70	165	"	164	164	

Clearing Soubulpooram tank of Soubulpooram	29 - 9 - 70	300		287 - 1 - 2	287 - 1 - 2	
Do Chittamoor tank of Muttamoor	12 - 4 - 69	310		306	306	
Do Chittalangum Do tank of Pallipalliy	18 - 7 - 70	530		300 - 6 - 10	300 - 6 - 10	
Do Annapully tank of Do	31 - 5 - 70	1280		865 - 15 - 9	865 - 15 - 9	
Do Thavarimun tank of Do	16 - 2 - 71	100		130 - 7 - 9	130 - 7 - 9	
Do Vyjeyrey Colam tank of Pulney	Ct. 12-1-69	7000	6780	220 - 6	7000	
Do Seer Colam tank of Agraram	Ct 12-1-69	700	454 - 9	245 - 7	700	
Do Velaiy Colam tank of Vadagarey	Ct & No 2230/26-8-69	310	82	232	310	
Clearing breaches in Edumbum Colam tank of Pulney	Do No 2287/6-1-70	820	668		718 4	
Clearing Kuroor Lamandy Sluice in Ottamuttoo Channel	Ct & of 15-9-69	180		100	100	
Do Chingalah in Errumagaramundum tank	Ct & No 1047/9-2-69	100		100	100	
Do Tungaroo Lamundum tank of Egumpully	Ct & No 1061, 11-6-70	160		160	160	
Do Vyhalum Colam tank of Vadagarey	Ct & No 1061, 11-6-70	210		209 - 3 - 4	209 - 3 - 4	
Do Coonoor Tungum tank	Do 13-7-68	1370	1200	70	1270	
Clearing breaches in the Head Embankment of Ottamuttoo Channel	Do No 925 8-7-70	300		300	300	
Clearing Kaanoor Channel	Do No 9771 13-7-70	2700		2687 - 10	2687 - 10	
Do Eastern Chingalah in Parra Colam land of Egumpully	Co No 1761 23-9-70	220		220	220	

Do Vyjeyrey Colam tank	Do No 1022, 26-8-69	420	230 - 4 - 7	184 - 8	415 - 12 - 7	
Do Coppampully Channel	Do 17-3-69	1020	520 - 3	185	705 - 3	
Do Seelampully Channel	Do	840	102 - 10 - 3	10	112 - 10 - 3	
Do Karuthattan Colam Tank	Do - 12 - 6 - 69	4450	665 - 10	1221 - 4	1886 - 14	
Do Nada Colam tank of Poolliachy	Do Do	1130	259	871	1130	
Do Attoo Colam tank of Cumbum	Do 17-3-69	240		40	40	
Do Seeroo Colam tank of Cumbum	Do	640		153	153	
Do Puttagoundoo Paria Channel	Ct & No 1046, 2-8-69	280		272 - 1 - 2	272 - 1 - 2	
Do Seenangampully tank	Do No 1370, 20-9-69	500		487 - 7 - 3	487 - 7 - 3	
Do Coonoor Channel	Do No 979, 13-7-70	3600		1982 - 2 - 9	1982 - 2 - 9	
Do Paulimpoorawoo Channel	Do 12-8-70	5080		1642	1642	
Do Agraram Channel	Do	1780		542 - 8	542 - 8	
Clearing breaches in the Seppeyrey Channel of Veroomal Colam tank of Veroopachy	Do No 1786 of 29-9-70	350		360	358	
Clearing Paria Colam tank of Egumpully	Do No 2001, 20-10-70	610		598 - 6 - 9	598 - 6 - 9	
Do Veerapandy Channel	Do	965		218	218	
Do Thennampully Channel supplying Do Attoo Colam	Do 18 - 11 - 70	120		120	120	
Clearing breaches in Rotton Colam tank of Cottamapolam	Do	98		96 - 4	96 - 4	
Clearing & Strengthening the bund of Pumbherelly Colam tank	Ct & 16 - 12 - 70	160		160	160	

Repairing Puncu Calam tank	Rs. A. P. 40 6 7				
of Thungurayan	2 6 70	2170 — —	"	45 — —	45 — —
Closing breaches in Coopoo Chetty	Do No 2634				
Calam Tank	7 1 71	120 — —	"	120 — —	120 — —
Do — Do — in Parianaickel	Supg Engr.				
Tank	1 8 70	320 — —	"	316 10 6	316 10 6
Do — Do — in Chittanaickel					
Tank	Do Do	400 — —	"	390 — —	390 — —
Do — Do — in Sadurvadanungalam					
tank	Do Do	210 — —	"	208 1 3	208 1 3
Closing breaches in Kokaniaickel					
tank	Do Do.	360 — —	"	353 14 5	353 14 5
Total Agricultural			13432 — 10	38259 — 5	51871 1 3
Salt Works.					
For destruction of Salt Beds at					
Aagundaygy	"	350 — —	"	350 — —	350 — —
Do — Do at Coopoor	"	120 — —	"	116 14 —	116 14 —
Repair of plank form at					
Vallanaud	"	195 — —	"	62 — —	62 — —
Clearing Channel from the Creek to the					
spans at Marekolam	"	170 — —	"	170 — —	170 — —
Total Salt Works.	"	"	"	698 14 —	698 14 —
Tools and Plants.	"	"	"	1679 14 9	1679 14 9
Total Repairs	"	"	13695 — 10	98268 3 7	111963 4 5
Grand Total of New Works & Repairs	"	"	216270 14 8	152184 13 11	368455 12 7

Collectors Office
Madura
5th June 1871

W. M. Dickie
Ag. Collector

Enclosure No 3 in pl
letter from the S
Collector of Madura to
the Sp Secretary to the
Board of Revenue
Judicial dated 5 June
1871 No 176.

F. Pr. 3816/71

Pro. 4 Sept 71 L. No. 39.

In Public 3723/71

Detailed Statement of
Public Works showing the
amount expended on
them & the Progress made
during the official
year 1870-71 in the
District of Madura.

Ch. Sec

P. Dr. 1871 Sept.

No. 3816.

1871.

Board of Revenue,

MADRAS.

PROCEEDINGS, 1ST AUGUST 1871, No. 3,197.

Dupe 11 aug 71 Encl. y

Received. 12 Aug 71

AUGUST.

No. 3,197.

Public Works—in Madura District,—Report of Collector on progress of, during 1870-71, submitted to Government with remarks.

From Collector of Madura
Dated 28th July 1871
Rect 2nd Aug
No. 2253.

To Chief Engineer for Public Works Department
Dated 1st Aug 71
No. 2253.

No. 2253-4 Sept 71
With order

14

No 3876

Govt. of Madras.

PUBLIC WORKS.

To The Superintending Engr
8th Division

Dated

Rec'd. Encl.

G. O. 4 Sept. 1871. No 2253.

Nos. 60857

Public Works. Progress

Ltr. of Rev. Submitting
Sketches of Works on Public
Works in the Madura Dist. 1870/71, Com-
& Tuticorin Office
8" Nos.