

(1) Number of pages 16.
 (2) Date of repair 28.10.86
 (3) Initials of the Referencer low

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public works DEPARTMENT

G.O. No.	1186	W	Press.
B.P. No.			Mis.
Dated	21. 4. 1879		197.

W.C.

Not to be folded or roughly handled

8
1186
1

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

21st April 1879, No. 1,186 W.

General.
Establishment.

Read the following paper:—

No. 162. Proceedings of the Board of Revenue, dated 4th April 1879, No. 890.

Read the following letter from the Collector of Trichinopoly, to J. STURROCK, Esq.,
Acting Secretary to the Board of Revenue, dated 22nd February 1879,
No. 56:—

I HAVE the honor to report upon the progress made in the construction and repair of public works in this district during the official year 1877-78.

2. The annexed statement exhibits the expenditure incurred under the different heads as compared with the amount allotted in the budget and the expenditure of the preceding year:—

Description.	CURRENT YEAR'S EXPENDITURE AS COMPARED WITH THE BUDGET ALLOTMENT.				CURRENT YEAR'S EXPENDITURE AS COMPARED WITH THAT OF THE PRECEDING YEAR.			
	Budget Allotment.	Expenditure.	Increase.	Decrease.	Last Year.	This Year.	Increase.	Decrease.
<i>New Works.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Agricultural ...	12,750	12,185	...	565	13,117	12,185	...	932
Buildings ... { Military ...	21,942	21,873	...	69	11,168	21,873	10,705	...
Civil ...	2,010	2,055	76	...	7,502	2,055	...	5,416
Sanitary and Miscellaneous ...	12,740	3,981	...	8,759	1,129	3,981	2,852	...
Tolls and Ferries ...	114	72	...	42	...	72	...	72
Communications ...	24,071	19,766	...	4,305	14,557	19,766	5,209	...
Total, New Works ...	78,627	59,963	76	13,740	47,473	59,963	18,838	6,345
Net ...	...	...	...	13,664	...	...	12,490	...
<i>Repairs.</i>								
Agricultural ...	95,000	94,962	...	38	98,590	94,962	...	3,628
Buildings ... { Military ...	12,638	12,635	...	3	12,678	12,635	...	7
Civil ...	3,992	3,056	...	936	1,516	3,056	1,540	...
Sanitary and Miscellaneous ...	19,375	8,989	...	1,256	2,920	8,989	6,069	...
Tolls and Ferries ...	...	...	...	...	23	...	...	23
Communications ...	89,354	79,825	...	1,029	82,579	79,825	...	3,024
Total, Repairs ...	2,01,909	1,99,517	...	2,392	1,98,605	1,99,517	7,616	6,704
Net ...	...	...	...	2,392	...	...	912	...
Grand Total ...	2,75,536	2,59,480	76	16,132	2,46,078	2,59,480	26,454	13,052
Net ...	...	...	...	15,056	...	...	13,402	...

3. The total expenditure thus fell short of the budget allotment by Rs. 16,056 and exceeded the expenditure of the preceding year by Rupees 13,402.

4. The difference between the budget allotment and expenditure during the year occurs chiefly under the following heads:—

(a.) NEW WORKS.—Sanitary and Miscellaneous.—The decrease under this head of Rs. 8,759 is due to the following reasons:—

Rs. 5,200 remained unexpended under head "Chuttrams" as sanction was received late in the year.

Rs. 1,100 is the unexpended balance out of the amount sanctioned for Ariyalur Dispensary.

Rs. 2,450 is the amount sanctioned for school buildings during the year. The amount remained unexpended, the buildings not having been constructed during the year.

(b.) *Tolls and Ferries*.—Rs. 42 were sanctioned for Kondaiyampettai Toll-gate. The amount was not spent during the year.

(c.) *Communications*.—The decrease under this head of Rs. 4,305 is due to the following reasons:—

Rs. 1,584.—This amount remained unexpended from the allotment sanctioned for Kolathur Railway feeder. The work was not completed pending the settlement of the dispute about the line of road.

Rs. 2,005.—This is the balance out of the amount sanctioned for Puttannattam road. The work was not completed during the year.

Rs. 496 is the savings out of the amount sanctioned for Uyyakondan Road.

Rs. 75 is the unexpended balance under petty works.

Rs. 145 is the savings from the amount allotted to Edaiyathimangalam Road.

(d.) *REPAIRS—Sanitary and Miscellaneous*.—The unexpended balance out of the amount allotted for Chuttrums and Bungalow and for the maintenance of avenues is Rs. 1,286.

(e.) *Communications*.—Savings from the amount allotted for the maintenance of roads and bridges Rs. 1,029.

5. *NEW WORKS—Agricultural Minor New Works*.—The expenditure under this head, amounting to Rs. 12,185, was utilized chiefly in the construction of waste weirs, sluices, head sluices, surplus sluices, distribution sluices, and other miscellaneous works under Rs. 750 each. Twenty-eight of these were completed and five more were under construction.

6. *BUILDINGS—Military*.—The following are the principal works executed from the outlay of Rs. 21,873 incurred on Military buildings:—

(a.) Re-roofing European Detail Hospital. Estimate Rs. 15,020 and expenditure Rs. 12,670; completed.

(b.) Constructing a contagious disease ward for the European Detail Hospital. Estimate Rs. 5,460 and expenditure Rs. 5,460.

(c.) Provision of punkahs in the female wards of European Detail Hospital. Estimate Rs. 190 and expenditure Rs. 190.

(d.) Constructing a cess-pool and open drain in connection with the latrine of Lock Hospital. Estimate Rs. 100 and expenditure Rs. 100.

(e.) Asphalte-flooring the Garrison Serjeant-Major's Quarters in Cavalry Line. Estimate Rs. 85 and expenditure Rs. 81.

(f.) *Accommodation for European Artillery*.—Altering the punkahs for Royal Artillery. Estimate Rs. 125 and expenditure Rs. 117.

(g.) Flooring the Orderly-rooms and Staff Serjeant's Quarters, Royal Artillery. Estimate Rs. 370 and expenditure Rs. 356.

(h.) Altering shelves in the Royal Artillery Barracks to prevent white-ants getting in. Estimate Rs. 220 and expenditure Rs. 220.

(i.) New boiler for gram for the Royal Artillery. Estimate Rs. 60 and expenditure Rs. 60.

(j.) Asphalting floors of the ranges of family quarters of Royal Artillery. Estimate Rs. 1,850 and expenditure Rs. 1,850.

(k.) *Accommodation for Native Infantry*.—Making a new rack to hold 30 large and 2 small rifles for the Barrack Guard of the 32nd Regiment, Native Infantry. Estimate Rs. 25 and expenditure Rs. 25.

(l.) Making a new arm-rack to hold 24 rifles in the Regimental Barrack Guard and Hospital Guard of 38th Regiment, Native Infantry. Estimate Rs. 30 and expenditure Rs. 30.

(m.) Deepening wells for 38th Regiment, Native Infantry. Estimate Rs. 127 and expenditure Rs. 127.

(n.) Sinking well in the lines of 38th Regiment, Native Infantry. Estimate Rs. 700 and expenditure during the year Rs. 186.

(o.) Sinking well in the line of 19th Regiment, Native Infantry. Estimate Rs. 670 and expenditure during the year Rs. 222.

(p.) Constructing firing platform of rifle ranges. Estimate Rs. 180, and expenditure Rs. 179.

7. *BUILDINGS—CIVIL*.—The expenditure under this head, viz., Rs. 2,086, was incurred in the completion of the undermentioned works:—

(a.) Constructing Police Station-house at Valanod. Estimate Rs. 700 and expenditure during the year Rs. 308.

(b.) Compensation for land of Police Station-house at Kulitalai. Estimate Rs. 9 and expenditure Rs. 8.

(c.) Providing arm-rack and screen wall to the Police Station at Vaitalai. Estimate Rs. 15 and expenditure Rs. 12.

(d.) Constructing Police huts at Kolatur. Estimate Rs. 1,550 and expenditure during the year Rs. 333. The work is completed.

(e.) Constructing Police huts at Valanod. Estimate Rs. 1,550 and expenditure during the year Rs. 318. The work is completed.

(f.) Extending the record-room of the District Judge's Court, Trichinopoly. Estimate Rs. 1,100 and expenditure Rs. 1,099.

(g.) Providing a stand for rain-gauge, Sub-Magistrate's Cutcherry, Lalgudi. Estimate Rs. 6 and expenditure Rs. 5.

(h.) Constructing rain-gauge pillar at the Deputy Tahsildar's Cutcherry at Kilapalur. Estimate Rs. 3 and expenditure Rs. 3.

8. *Sanitary and Miscellaneous*.—The expenditure under this head, viz., Rs. 3,981, was incurred from Local Funds in the construction of the undermentioned works:—

(a.) Constructing Civil Dispensary at Ariyalur. Estimate Rs. 16,140 and expenditure during the year Rs. 531.

(b.) Constructing bathing ghat on the South bank of the Cauvery in Dava-danam limits. Estimate Rs. 7,500 and expenditure Rs. 3,250. The work is completed.

(c.) Constructing bathing ghat at Musiri. Estimate Rs. 200 and expenditure Rs. 200.

9. *Tolls and Ferries*.—The expenditure under this head, viz., Rs. 72, was incurred in the construction of gates to Madura toll-bar. Estimate Rs. 72 and expenditure Rs. 72.

10. *Communications*.—The expenditure under this head, viz., Rs. 19,766, was incurred in the completion of the following works:—

(a.) Constructing railway feeder from Dindigul Road to Kolatur Railway Station. Estimate Rs. 4,700 and expenditure during the year Rs. 47.

(b.) Forming a road along the Uyyakondan North bank from Alliturai to Mulikarumbur, $6\frac{1}{2}$ miles. Estimate Rs. 5,645 and expenditure Rs. 2,954.

(c.) Forming Road No. 2 from Silapitayaputhur to Kattuputtur, 2 miles. Estimate Rs. 7,980 and expenditure during the year Rs. 3,000.

(d.) Extending Road No. 15 from Venganur to Salem frontier at Oodumbiam, $3\frac{1}{2}$ miles. Estimate Rs. 7,650 and expenditure in the year Rs. 4,920.

(e.) Completion of Road No. 19 from Pullumbadi to Araimanikurichi. Estimate Rs. 4,780 and expenditure in the year Rs. 2,607. This work is completed.

(f.) Improving the course of Marudaiyar river at the place where it crosses Road No. 15. Estimate Rs. 420 and expenditure Rs. 420.

1186
2

- (g.) Constructing three tunnels on Edayathimangalam road. Estimate Rs. 675 and expenditure during the year Rs. 530. Tunnels completed. Earth-work in progress.
- (h.) Forming road from Manaparai to Puttanattum. Estimate Rs. 7,700 and expenditure during the year Rs. 4,695. Ten miles completed.
- (i.) Constructing a road tunnel of 2 vents of 2 feet space each proposed in the 4th quarter of the second mile of the Tanjore road. Estimate Rs. 460 and expenditure Rs. 460.
- (j.) Constructing parapet wall over the bridge at Poyadanallur, Udaiyarpalayam Taluk. Estimate Rs. 133 and expenditure Rs. 133.

11. The works repaired during the year were of the following character:—

Agricultural.

Anicut and weirs	8
Embankments and dykes	15
Canals	24
Distributaries	3
Tanks	44

Buildings.

Military, repaired and maintained	75
Civil, do. do.	17

12. The outlay of Rs. 94,962 on agricultural repairs was utilized in repairing and improving sluices, irrigation dams, dykes, groynes, calingulabs, anicuts, stone revertments, clearing the silt, closing breaches, replacing and repairing shutters, raising and widening channels and tank banks, planting nanal, &c.

13. The accompanying statement (No. 1) giving the description of each work and the amount expended on it is herewith submitted.

14. The usual statement showing the irrigation works in this district is appended. Out of 4,502 works only 342 are reported to be out of order:—

Description.	In Repair.	Out of Repair.	Total.
Large tanks	298	134	432
Small do.	599	5	604
Irrigation channels	854	26	880
Supplying do.	761	48	809
Dams	59	7	66
Bridges	276	3	279
Tank sluices	600	68	668
Channel sluices	472	24	496
Calingulabs	241	27	268
Total ...	4,160	342	4,502

15. The existing roads were kept in good repair during the year at a cost of Rs. 79,825. The upkeep of the travellers' bungalows and avenues, &c., cost Rs. 8,284.

16. The roads are in good order. No village roads were newly constructed or repaired during the year. 533½ miles of roads already in existence are maintained in good order. Seven miles of new road were completed during the year and 19 miles were in progress.

17. The statement (No. 2) prescribed in Board's Circular Memorandum, dated 4th October 1874, No. 1,676, is herewith submitted.

Enclosures Nos. 1 and 2.—Statements.

SUBMITTED for the information of Government.

2. The explanation for short expenditure is on the whole satisfactory, though more information should have been afforded regarding some items. Agricultural works are generally in a fairly good state, but the number of large tanks out of repair requires attention.

(A true Copy and Extract.)

(Signed) L. A. CAMPBELL,
Acting Sub-Secretary.

No. 163. ORDER THEREON, 21st April 1879, No. 1,186 W.

COMMUNICATED to the Chief Engineer for Irrigation and the Superintending Engineer, Fifth Circle, for information.

(True Extract.)

Major, R.E.,
Ag. Under Secy. to Govt., P.W.D.

To the Superintending Engineer, Fifth Circle.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.

Exd. C. Howarth.
Spare Copies

GENERAL
ESTABLISHMENT.

Govt. of (1879) Madras
PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,
FIFTH CIRCLE.

&c. &c. &c.

Dated April 21st.

Issued

Recd.

Encl.

G. O., 21st April 1879, No. 1,186 W.

APRIL
Nos. 162-163.

Public Works in Trichinopoly District.—
Proceedings, Board of Revenue, submitting
Collector's report on — for 1877-78, com-
municated to the Chief Engineer for Irriga-
tion and the Superintending Engineer, Fifth
Circle.

No. 890.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 4th April 1879.

Read the following letter from the Collector of Trichinopoly, to J. STURROCK, Esq.,
Acting Secretary to the Board of Revenue, dated 22nd February 1879,
No. 56:—

I HAVE the honor to report upon the progress made in the construction and
repair of public works in this district during the official year 1877-78.

2. The annexed statement exhibits the expenditure incurred under the different
heads as compared with the amount allotted in the budget and the expenditure of the
preceding year:—

Description.	CURRENT YEAR'S EXPENDITURE AS COM- PARED WITH THE BUDGET ALLOTMENT.				CURRENT YEAR'S EXPENDITURE AS COM- PARED WITH THAT OF THE PRECEDING YEAR.			
	Budget Allotment.	Expendi- ture.	In- crease.	De- crease.	Last Year.	This Year.	In- crease.	De- crease.
<i>New Works.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Agricultural	12,750	12,185	...	565	13,117	12,185	...	932
Buildings ... { Military	21,942	21,873	...	69	11,168	21,873	10,705	...
Civil	2,010	2,086	76	...	7,502	2,086	...	5,416
Sanitary and Miscellaneous ...	12,740	3,981	...	8,759	1,129	3,981	2,852	...
Tolls and Ferries	114	72	...	42	...	72	72	...
Communications	24,071	19,766	...	4,305	14,557	19,766	5,209	...
Total, New Works ...	73,627	59,963	76	13,740	47,473	59,963	18,888	6,848
Net ...	...	...	...	13,664	...	...	12,490	...
<i>Repairs.</i>								
Agricultural	95,000	94,962	...	38	98,590	94,962	...	3,628
Buildings ... { Military	12,688	12,685	...	3	12,678	12,685	7	...
Civil	3,092	3,056	...	36	1,516	3,056	1,540	...
Sanitary and Miscellaneous ...	10,275	8,989	...	1,286	2,920	8,989	6,069	...
Tolls and Ferries	...	...	...	...	22	...	...	22
Communications	80,854	79,825	...	1,029	82,879	79,825	...	3,054
Total, Repairs ...	2,01,999	1,99,517	...	2,482	1,98,605	1,99,517	7,616	6,704
Net ...	...	...	...	2,392	...	...	912	...
Grand Total ...	2,75,526	2,59,480	76	16,132	2,46,078	2,59,480	26,454	13,652
Net ...	...	...	...	16,066	...	...	12,402	...

3. The total expenditure thus fell short of the budget allotment by Rs. 16,056
and exceeded the expenditure of the preceding year by Rupees 13,402.

4. The difference between the budget allotment and expenditure during the
year occurs chiefly under the following heads:—

(a.) NEW WORKS.—Sanitary and Miscellaneous.—The decrease under this head
of Rs. 8,759 is due to the following reasons:—

Rs. 5,200 remained unexpended under head "Chuttrums" as sanction
was received late in the year.

Rs. 1,109 is the unexpended balance out of the amount sanctioned for
Ariyalur Dispensary.

Rs. 2,450 is the amount sanctioned for school buildings during the year. The amount remained unexpended, the buildings not having been constructed during the year.

(b.) *Tolls and Ferries*.—Rs. 42 were sanctioned for Kondaiyampettai Toll-gate. The amount was not spent during the year.

(c.) *Communications*.—The decrease under this head of Rs. 4,305 is due to the following reasons:—

Rs. 1,584.—This amount remained unexpended from the allotment sanctioned for Kolathur Railway feeder. The work was not completed pending the settlement of the dispute about the line of road.

Rs. 2,005.—This is the balance out of the amount sanctioned for Puttannattam road. The work was not completed during the year.

Rs. 496 is the savings out of the amount sanctioned for Uyyakondan Road. Rs. 75 is the unexpended balance under petty works.

Rs. 145 is the savings from the amount allotted to Edaiyathimangalam Road.

(d.) *Repairs—Sanitary and Miscellaneous*.—The unexpended balance out of the amount allotted for Chuttrams and Bungalow and for the maintenance of avenues is Rs. 1,286.

(e.) *Communications*.—Savings from the amount allotted for the maintenance of roads and bridges Rs. 1,029.

5. *NEW WORKS—Agricultural Minor New Works*.—The expenditure under this head, amounting to Rs. 12,185, was utilized chiefly in the construction of waste weirs, sluices, head sluices, surplus sluices, distribution sluices, and other miscellaneous works under Rs. 750 each. Twenty-eight of these were completed and five more were under construction.

6. *BUILDINGS—Military*.—The following are the principal works executed from the outlay of Rs. 21,873 incurred on Military buildings:—

(a.) Re-roofing European Detail Hospital. Estimate Rs. 15,020 and expenditure Rs. 12,670; completed.

(b.) Constructing a contagious disease ward for the European Detail Hospital. Estimate Rs. 5,460 and expenditure Rs. 5,460.

(c.) Provision of punkahs in the female wards of European Detail Hospital. Estimate Rs. 190 and expenditure Rs. 190.

(d.) Constructing a cess-pool and open drain in connection with the latrine of Lock Hospital. Estimate Rs. 100 and expenditure Rs. 100.

(e.) Asphalted flooring the Garrison Serjeant-Major's Quarters in Cavalry Line. Estimate Rs. 85 and expenditure Rs. 81.

(f.) *Accommodation for European Artillery*.—Altering the punkahs for Royal Artillery. Estimate Rs. 125 and expenditure Rs. 117.

(g.) Flooring the Orderly-rooms and Staff Serjeant's Quarters, Royal Artillery. Estimate Rs. 370 and expenditure Rs. 356.

(h.) Altering shelves in the Royal Artillery Barracks to prevent white-ants getting in. Estimate Rs. 220 and expenditure Rs. 220.

(i.) New boiler for gram for the Royal Artillery. Estimate Rs. 60 and expenditure Rs. 60.

(j.) Asphalted floors of the ranges of family quarters of Royal Artillery. Estimate Rs. 1,850 and expenditure Rs. 1,850.

(k.) *Accommodation for Native Infantry*.—Making a new rack to hold 30 large and 2 small rifles for the Barrack Guard of the 32nd Regiment, Native Infantry. Estimate Rs. 25 and expenditure Rs. 25.

(l.) Making a new arm-rack to hold 24 rifles in the Regimental Barrack Guard and Hospital Guard of 38th Regiment, Native Infantry. Estimate Rs. 30 and expenditure Rs. 30.

(m.) Deepening wells for 38th Regiment, Native Infantry. Estimate Rs. 127 and expenditure Rs. 127.

(n.) Sinking well in the lines of 38th Regiment, Native Infantry. Estimate Rs. 700 and expenditure during the year Rs. 186.

(o.) Sinking well in the line of 19th Regiment, Native Infantry. Estimate Rs. 670 and expenditure during the year Rs. 222.

(p.) Constructing firing platform of rifle ranges. Estimate Rs. 180, and expenditure Rs. 179.

7. *BUILDINGS—CIVIL*.—The expenditure under this head, viz., Rs. 2,086, was incurred in the completion of the undermentioned works:—

(a.) Constructing Police Station-house at Valanod. Estimate Rs. 700 and expenditure during the year Rs. 308.

(b.) Compensation for land of Police Station-house at Kulitalai. Estimate Rs. 9 and expenditure Rs. 8.

(c.) Providing arm-rack and screen wall to the Police Station at Vaitalai. Estimate Rs. 15 and expenditure Rs. 12.

(d.) Constructing Police huts at Kolatur. Estimate Rs. 1,550 and expenditure during the year Rs. 333. The work is completed.

(e.) Constructing Police huts at Valanod. Estimate Rs. 1,550 and expenditure during the year Rs. 318. The work is completed.

(f.) Extending the record-room of the District Judge's Court, Trichinopoly. Estimate Rs. 1,100 and expenditure Rs. 1,099.

(g.) Providing a stand for rain-gauge, Sub-Magistrate's Cutcherry, Lalgudi. Estimate Rs. 6 and expenditure Rs. 5.

(h.) Constructing rain-gauge pillar at the Deputy Tahsildar's Cutcherry at Kilapalur. Estimate Rs. 3 and expenditure Rs. 3.

8. *Sanitary and Miscellaneous*.—The expenditure under this head, viz., Rs. 3,981, was incurred from Local Funds in the construction of the undermentioned works:—

(a.) Constructing Civil Dispensary at Ariyalur. Estimate Rs. 16,140 and expenditure during the year Rs. 531.

(b.) Constructing bathing ghat on the South bank of the Cauvery in Dava-danani limits. Estimate Rs. 7,500 and expenditure Rs. 3,250. The work is completed.

(c.) Constructing bathing ghat at Musiri. Estimate Rs. 200 and expenditure Rs. 200.

9. *Tolls and Ferries*.—The expenditure under this head, viz., Rs. 72, was incurred in the construction of gates to Madura toll-bar. Estimate Rs. 72 and expenditure Rs. 72.

10. *Communications*.—The expenditure under this head, viz., Rs. 19,766, was incurred in the completion of the following works:—

(a.) Constructing railway feeder from Dindigul Road to Kolatur Railway Station. Estimate Rs. 4,700 and expenditure during the year Rs. 47.

(b.) Forming a road along the Uyyakondan North bank from Alliturai to Mulikarumbur, $6\frac{1}{2}$ miles. Estimate Rs. 5,645 and expenditure Rs. 2,954.

(c.) Forming Road No. 2 from Silapitayaputhur to Kattupattur, 2 miles. Estimate Rs. 7,980 and expenditure during the year Rs. 3,000.

(d.) Extending Road No. 15 from Venganur to Salem frontier at Oodumbiam, $3\frac{1}{2}$ miles. Estimate Rs. 7,650 and expenditure in the year Rs. 4,920.

(e.) Completion of Road No. 19 from Pullumbadi to Arainanikurichi. Estimate Rs. 4,780 and expenditure in the year Rs. 2,607. This work is completed.

(f.) Improving the course of Marudaiyar river at the place where it crosses Road No. 15. Estimate Rs. 420 and expenditure Rs. 420.

1186.
5

- (g.) Constructing three tunnels on Edayathimangalam road. Estimate Rs. 675 and expenditure during the year Rs. 530. Tunnels completed. Earth-work in progress.
- (h.) Forming road from Manaparai to Puttanattum. Estimate Rs. 7,700 and expenditure during the year Rs. 4,695. Ten miles completed.
- (i.) Constructing a road tunnel of 2 ver's of 2 feet space each proposed in the 4th quarter of the second mile of the Tanjore road. Estimate Rs. 460 and expenditure Rs. 460.
- (j.) Constructing parapet wall over the bridge at Poyadanallur, Udaiyarpalayam Taluk. Estimate Rs. 133 and expenditure Rs. 133.

11. The works repaired during the year were of the following character:—

Agricultural.

Anicut and weirs	8
Embankments and dykes	15
Canals	24
Distributaries	3
Tanks	44

Buildings.

Military, repaired and maintained	75
Civil, do. do.	17

12. The outlay of Rs. 94,962 on agricultural repairs was utilized in repairing and improving sluices, irrigation dams, dykes, groynes, calingulahs, anicuts, stone revertments, clearing the silt, closing breaches, replacing and repairing shutters, raising and widening channels and tank banks, planting nanal, &c.

13. The accompanying statement (No. 1) giving the description of each work and the amount expended on it is herewith submitted.

14. The usual statement showing the irrigation works in this district is appended. Out of 4,502 works, only 342 are reported to be out of order:—

Description.	In Repair.	Out of Repair.	Total.
Large tanks	298	134	432
Small do.	599	5	604
Irrigation channels	854	26	880
Supplying do.	761	48	809
Dams	59	7	66
Bridges	276	3	279
Tank sluices	600	68	668
Channel sluices	472	24	496
Calingulahs	241	27	268
Total ...	4,160	342	4,502

15. The existing roads were kept in good repair during the year at a cost of Rs. 79,825. The upkeep of the travellers' bungalows and avenues, &c., cost Rs. 8,284.

16. The roads are in good order. No village roads were newly constructed or repaired during the year. 533½ miles of roads already in existence are maintained in good order. Seven miles of new road were completed during the year and 19 miles were in progress.

17. The statement (No. 2) prescribed in Board's Circular Memorandum, dated 4th October 1874, No. 1,678, is herewith submitted.

ENCLOSURES Nos. 1 and 2.—Statements.

1186
6

SUBMITTED for the information of Government.

2. The explanation for short expenditure is on the whole satisfactory, though more information should have been afforded regarding some items. Agricultural works are generally in a fairly good state, but the number of large tanks out of repair requires attention.

(A true Copy and Extract.)

Acting Sub-Secretary.

To the Secretary to Government, Public Works Department,
with two original statements to be returned.

Collector of Trichinopoly.

Copy to the Secretary to Government, Revenue Department.

Exd. W. J. Lewis.

Proc of 21-4-79 No. 1186/78

P.W. 1879 Dept

c/o 3081

[Faint handwritten text]

Public Works — in Trichinopoly District —
Submitting to Government Collector's report on
— for the official year 1877-78.

No. 890.

APRIL

PROCEEDINGS, 4TH APRIL 1879, No. 890.

Dated April 4th.
Printed 5th.
Received

TO
THE SECRETARY TO GOVT.,
PUBLIC WORKS DEPT.,
&c., &c., &c.
BOARD OF ENGINEERS,
MADRAS.

Recd 10th

Returned - 5-5-79

[Faint handwritten text]

No. 1186 W ¹¹⁸⁶/₇ P.W.D. Genl Estab

Proceedings of the Madras Govt.
Under date the 21st April 79
Read the following

Pro: of the Board of Rev. (H.C. No. 890 of 4th April 1879)

Communicated to
the Chief Engineer for
Irrigation and the Supp.
Engineer Fifth Circle for
information.

S. 20.4

S.E. Fifth Circle
Ch. Engr for Irrig.
Genl P.W. Accts.

17th 5.4
S.E. Accts. Despd 5-5-79

C^o 3081
Govt. of (1879) Madras.
PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O., 21 April 1879, No. 1186 W

Nos. 102, 163

O. W. in Lichino poly D.
Prop. Board of Rev. Sub.
writing Collector's Report
on the 1877. 10. Comm.
to the Chief S. & the Supp
Range by the Circle.