

(1) Number of pages 12

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(3) Initials of the Referencer \_\_\_\_\_

## MADRAS RECORD OFFICE.

Government of Madras.

*Public works* DEPARTMENT.

|                       |                          |
|-----------------------|--------------------------|
| G.O. No. <u>2693.</u> | Press<br><del>Mis.</del> |
| <u>37-38.</u>         |                          |
| Dated <u>3-9-</u>     | <u>1867.</u>             |

Not to be folded or roughly handled

**Proceedings of the Madras Government, Public Works Department.**  
3rd September 1867.

No. 37. Read the following Proceedings of the Board of Revenue, dated 12th August 1867, No. 5,186.

Read the following letter from the Collector of North Arcot, to the Acting Secretary to the Board of Revenue, dated Chittoor, 27th July 1867, No. 193 :—

1. I have the honor to submit my report on the operations of the Public Works Department during the past official year 1866-67.

2. The subjoined abstract statement shows the expenditure of the year under review as compared with that of the previous year :—

| Works.               | Expenditure<br>in 1865-66. | Expenditure<br>in 1866-67. | DIFFERENCE. |           | Estimate of<br>1866-67. |
|----------------------|----------------------------|----------------------------|-------------|-----------|-------------------------|
|                      |                            |                            | Increase.   | Decrease. |                         |
| <i>New Works.</i>    | RS.                        | RS.                        | RS.         | RS.       |                         |
| Irrigation ... ..    | 34,372                     | 26,518                     | .....       | 7,854     |                         |
| Communication ... .. | 4,306                      | 4,057                      | .....       | 249       |                         |
| Buildings ... ..     | 6,740                      | 31,686                     | 24,946      | .....     |                         |
|                      | 45,418                     | 62,261                     | 24,946      | 8,103     |                         |
| <i>Repairs.</i>      |                            |                            |             |           |                         |
| Irrigation ... ..    | 68,967                     | 62,112                     | .....       | 6,855     |                         |
| Communication ... .. | 55,177                     | 53,638                     | .....       | 1,539     |                         |
| Buildings ... ..     | 4,846                      | 4,623                      | .....       | 223       |                         |
|                      | 1,28,990                   | 1,20,373                   | .....       | 8,617     |                         |
| Total...             | 1,74,408                   | 1,82,634                   | 24,946      | 16,720    |                         |
| Net increase...      | .....                      | .....                      | 8,226       | .....     |                         |

3. IRRIGATION WORKS, NEW.—A sum of Rupees 26,518 was, as shown above, laid out on new irrigation works. Of this, Rupees 19,774-13-6 were spent in raising the body, and enlarging the masonry works of the Cheyar Anicut, and in widening its main channel. This work had been commenced during the previous year, and the improvements provided for in the estimate have now been completed.

4. The balance of the Budget allotment, Rupees 6,743-2-6, was laid out on a variety of minor works, such as the improvement of channels, the construction of dams, head sluices and such like operations too unimportant to deserve particular notice in this place.

5. The decrease in this year's expenditure under this head is principally due to the larger portion, Rupees 18,182, of the entire estimate, for the improvement of the Palar and Cheyar Anicut projects, having been spent during 1865-66.

6. IRRIGATION REPAIRS.—Rupees 62,112 were laid out on repairs. This, for reasons given in previous reports, will always be a heavy item of expenditure in this district. A list of the more important works of this kind is enclosed. This expenditure is less by Rupees 6,855 than that of the previous year. Large sums, however, were allotted for repairs from the Famine Relief Funds, and thus operations of this class were conducted, during the year under review, on a far more extensive scale than the ordinary annual Budget allotment will admit of.

*Proceedings of the Madras Government, Public Works Department,  
3rd September 1867.*

7. The subjoined statement shows the progress in growth of Revenue under the three anicuts during the year under report:—

| Anicuts.            | Talook.          | INCREASE OF REVENUE. |     |     |                |    |    |        |    |    |
|---------------------|------------------|----------------------|-----|-----|----------------|----|----|--------|----|----|
|                     |                  | Up to Fusly 1275.    |     |     | In Fusly 1276. |    |    | Total. |    |    |
|                     |                  | RS.                  | A.  | P.  | RS.            | A. | P. | RS.    | A. | P. |
| Palar Anicut ... .. | Wallajah ... ..  | 9,456                | 1   | 4   | 2,477          | 5  | 0  | 11,933 | 6  | 4  |
|                     | Arcot ... ..     | 36,458               | 5   | 5   | 4,403          | 15 | 6  | 40,861 | 4  | 11 |
|                     | Total...         | 45,914               | 6   | 9   | 6,881          | 4  | 6  | 52,795 | 11 | 3  |
| Ponne do. ... ..    | Wallajah ... ..  | 11,920               | 2   | 1   | 2,742          | 15 | 5  | 14,663 | 1  | 6  |
|                     | Gudliatham... .. | .....                | ... | ... | 9,293          | 9  | 3  | 92     | 9  | 3  |
|                     | Chittoor ... ..  | .....                | ... | ... | 535            | 0  | 0  | 535    | 0  | 0  |
|                     | Total...         | 11,920               | 2   | 1   | 3,570          | 8  | 8  | 15,290 | 10 | 9  |
| Cheyar do. ... ..   | Wandiwash... ..  | 45,864               | 1   | 1   | 4,626          | 8  | 7  | 50,490 | 10 | 6  |

8. Under the head "Irrigation," the principal requirements of the district are the following:—

*First.*—The extension of the Anicut Channels on the south bank of the Palar, and of those on both banks of the Cheyar river.

*Second.*—The network of Channels from the Ponne Anicut, east and west, may be said to be complete, or very nearly so, as are also the Palar Anicut Channels on the northern bank of that river.

*Third.*—Restoration of the Purunjicuppam and Kalasamudram high level reservoirs, and of the Alliabaddam dam in the Polur talook.

*Fourth.*—Restoration of the high level reservoir of Nagapatla and Malleswaram, in the Chendraghiri talook. The former project was taken up and partially completed years ago. These, with the projects immediately preceding in the Polur talook, will find place in the list which I am called on to submit in Proceedings, dated 29th May 1867, communicating Order of Government, dated 17th May 1867, No. 1,490, Public Works Department.

*Sixth.*—The construction of a

*Sixth.*—The construction of a new anicut at Ellathur or Mambakam, in the Polar talook, some 20 miles higher up the Cheyar river than the present one. Surveys are now being made for the purpose of determining which of these two points is the more eligible. The Polar talook has suffered so grievously for years past from drought that I regard this, as perhaps, the most important project in the district.

9. COMMUNICATION, NEW.—The amount expended on the formation of new Road from Tirpathi to Tirpathi Railway Station and during the year, falls short of the Rs. A. P. of the year.

|                                  | RS.   | A. | P. |
|----------------------------------|-------|----|----|
| Road from Tirupathi to Tirupathi |       |    |    |
| Railway Station and to           |       |    |    |
| Kalastri ... ..                  | 2,606 | 13 | 11 |
| Constructing tunnels on the      |       |    |    |
| Arcot and Arnee roads ...        | 772   | 13 | 3  |

But here again large sums were spent from Relief Funds in forming several lines, and pushing forward to completion roads already under execution.

*Proceedings of the Madras Government, Public Works Department,  
3rd September 1867.*

10. COMMUNICATION, REPAIR.—Rupees 53,638 were laid out on the repair of roads during the year. This figure represents the total annual allowance assigned for the maintenance of the several roads throughout the district. I have been over most of the roads during the year, and found them, with the exception of portions here and there, in fair working order.

I can note a marked improvement in all of them during the last two years.

11. The most important wants under this head are the improvements of the Moghili ghaut on the road to Bangalore, and the completion of the new gradients on the Syragunta Pass.

12. NEW BUILDINGS.—A sum of Rupees 31,686 was laid out in the construction of new buildings during the year. The most important item is the construction of a Central Jail at Vellore which is in full progress. The expenditure on this amounted, at the end of the year, to Rupees 19,248-15-8. The new Civil Dispensary at

The new Civil Dispensary at Chittoor, which I reported last year as well advanced, has been completed and

Office.  
Repairing Sub-Magistrate's Cutcherry at Tir-  
pathi. District Munsiff's Court at Tirpathi.

pathi.  
Repairing District Munsiff's Court at Tirpathi.  
Improving the Subsidiary Jail at Narraiana-

Improving Police Lock-up at Tirpathi.

Improving Police Lock-up at Naggeri.  
Do. do. do. at Naggeri.

The new Civil Dispensary at Chittoor, which I reported last year as well advanced, has been completed and opened for the reception of patients.

13. REPAIR OF BUILDINGS.—Rupees 4,623 were laid out on the repair of public buildings during the year. Of this expenditure Rupees 1,973-11-10

pertain to Military buildings, the balance having been spent on other buildings, the more important of which are specified in the margin.

*List of principal Irrigation Works repaired by Department of Public Works, in the North Arcot District, during the official year 1866-67.*

| No. | Name of Work.                                                     | Amount of Estimate. | Amount spent in 1866-67. |
|-----|-------------------------------------------------------------------|---------------------|--------------------------|
|     |                                                                   | RS.                 | RS. A. P.                |
| 1   | Repairing the Sluices in the body of the Ponney Anicut ...        | 1,200               | 1,127 5 6                |
| 2   | Do. do. Mambakam, first class Tank ...                            | 2,150               | 1,544 13 4               |
| 3   | Do. do. Boodoor large Tank ...                                    | 1,380               | 295 15 9                 |
| 4   | Do. do. Mambakam Supply Channel ...                               | 1,060               | 1,044 12 6               |
| 5   | Do. do. Torappadi first class Tank ...                            | 2,200               | 2,100 0 0                |
| 6   | Do. do. Oonavaniemboddy Anicut and Channel ...                    | 2,960               | 1,099 15 1               |
| 7   | Do. do. Sathupari Tank and Sluice ...                             | 5,330               | 2,216 4 1                |
| 8   | Widening and deepening the Tatny branch of the Cheyar Channel ... | 1,500               | 1,499 11 0               |
| 9   | Repairing Mardadoo large Tank ...                                 | 2,500               | 2,496 5 0                |
| 10  | Do. Nedungumam Tank and Supply Channel ...                        | 1,060               | 1,059 6 9                |
| 11  | Do. Valayar second class Tank ...                                 | 1,100               | 1,099 0 0                |
| 12  | Do. Polur Tank ...                                                | 1,070               | 1,068 7 0                |
| 13  | Do. Cheyar main Channel ...                                       | 1,250               | 1,249 9 9                |
| 14  | Do. Tappur Condun and Channel ...                                 | 2,080               | 2,080 0 6                |
| 15  | Do. Kolattur Tank ...                                             | 4,000               | 4,000 0 0                |
| 16  | Do. Moodoor Tank ...                                              | 3,600               | 3,600 0 0                |
| 17  | Do. Keefnedy Peryery Tank ...                                     | 2,640               | 2,640 0 0                |
| 18  | Do. Polloor large Tank ...                                        | 1,480               | 1,480 0 0                |
| 19  | Emergent work to Palar Anicut and Channel's Head Sluice.          | 2,500               | 1,600 0 0                |
| 20  | Repairing the breach of Rendady Avasam Tank...                    | 1,010               | 810 0 0                  |

CHITTOOR,  
27th July 1867.

(Signed) J. D. ROBINSON,  
Collector.

*Proceedings of the Madras Government, Public Works Department,  
3rd September 1867.*

1. Submitted for the information of Government.
2. The Collector's remarks in paragraphs 8 and 11 are deserving of the special attention of Government.

No. 33. ORDER THEREON, 3rd September 1867, No. 2,693.

**ESTABLISHMENT, No. 4.**

1. Extension of the anicut channels on the south bank of the Cheyaur river.
  2. Restoring the Turunjecupum and Kalasamudram tanks.
  3. Re-construction of the Alliabad dam. See G. Os. Nos. 3,713 and 3,714 of 1866, and 588 and 1,494 of 1867.
- \* Proceedings of Government, No. 4,027, 20th December 1866.
- † See paragraph 8 of G. O. No. 1,490, 17th May 1867.
- whether the investigation of any of the other four projects referred to by Mr. Robinson has been undertaken, and, if so, when the plans and estimates are likely to be laid before Government.

3. The Superintending Engineer will give his attention to the remarks in paragraph 11 of the Collector's report regarding the Moghili and Synagunta ghauts.

(True Extract.)

(Signed) **CHARLES A. ORR**, Colonel, R. E.,  
*Secretary to Government.*

To the Superintending Engineer, 4th Division.  
.. Board of Revenue.  
.. Revenue Department.

No. 5,186.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 12th August 1867.

Read the following letter from J. D. ROBINSON, Esq., Collector of North Arcot, to the Acting Secretary to the Board of Revenue, dated Chittoor, 27th July 1867, No. 198:—

1. I have the honour to submit my report on the operations of the Public Works Department during the past official year 1866-67.

2. The subjoined abstract Statement shows the expenditure of the year under review as compared with that of the previous year:—

| Works.               | Expenditure<br>in 1865-66. | Expenditure<br>in 1866-67. | DIFFERENCE. |           | Estimate of<br>1866-67. |
|----------------------|----------------------------|----------------------------|-------------|-----------|-------------------------|
|                      |                            |                            | Increase.   | Decrease. |                         |
|                      | RS.                        | RS.                        | RS.         | RS.       |                         |
| <i>New Works.</i>    |                            |                            |             |           |                         |
| Irrigation ... ..    | 34,372                     | 26,518                     | .....       | 7,854     |                         |
| Communication ... .. | 4,306                      | 4,057                      | .....       | 249       |                         |
| Buildings ... ..     | 6,740                      | 31,686                     | 24,946      | .....     |                         |
|                      | 45,418                     | 62,261                     | 24,946      | 8,103     |                         |
| <i>Repairs.</i>      |                            |                            |             |           |                         |
| Irrigation ... ..    | 68,967                     | 62,112                     | .....       | 6,855     |                         |
| Communication ... .. | 55,177                     | 53,638                     | .....       | 1,539     |                         |
| Buildings ... ..     | 4,846                      | 4,623                      | .....       | 223       |                         |
|                      | 1,28,990                   | 1,20,373                   | .....       | 8,617     |                         |
| Total...             | 1,74,408                   | 1,82,634                   | 24,946      | 16,720    |                         |
| Net increase...      | .....                      | .....                      | 8,226       | .....     |                         |

3. IRRIGATION WORKS, NEW.—A sum of Rupees 26,518 was, as shown above, laid out on new irrigation works. Of this Rupees 19,774-13-6 were spent in raising the body, and enlarging the masonry works of the Cheyar anicut, and in widening its main channel. This work had been commenced during the previous year, and the improvements provided for in the estimate have now been completed.

4. The balance of the Budget allotment, Rupees 6,743-2-6, was laid out on a variety of minor works, such as the improvement of channels, the construction of dams, head sluices and such like operations too unimportant to deserve particular notice in this place.

5. The decrease in this year's expenditure under this head is principally due to the larger portion, Rupees 18,182, of the entire estimate, for the improvement of the Palar and Cheyar anicut projects, having been spent during 1865-66.

6. IRRIGATION REPAIRS.—Rupees 62,112 were laid out on repairs. This, for reasons given in previous reports, will always be a heavy item of expenditure in this district. A list of the more important works of this kind is enclosed. This expenditure is less by Rupees 6,855 than that of the previous year. Large sums, however, were allotted for repairs from the Famine Relief Funds, and thus operations of this class were conducted, during the year under review, on a far more extensive scale than the ordinary annual Budget allotment will admit of.

7. The subjoined statement shows the progress in growth of revenue under the three anicuts during the year under report:—

| Anicuts.     | Taluk.    | INCREASE OF REVENUE. |       |       |                |    |    |
|--------------|-----------|----------------------|-------|-------|----------------|----|----|
|              |           | Up to Fyaly 1275.    |       |       | In Fyaly 1276. |    |    |
|              |           | RS.                  | A.    | P.    | RS.            | A. | P. |
| Palar anicut | Wallajah  | 9,456                | 1     | 4     | 2,477          | 5  | 0  |
|              | Arcot     | 36,458               | 5     | 5     | 4,403          | 15 | 6  |
|              | Total     | 45,914               | 6     | 9     | 6,881          | 4  | 6  |
| Ponne do.    | Wallajah  | 11,920               | 2     | 1     | 2,742          | 15 | 5  |
|              | Gudiatham | .....                | ..... | ..... | 9,293          | 9  | 3  |
|              | Chittoor  | .....                | ..... | ..... | 535            | 0  | 0  |
|              | Total     | 11,920               | 2     | 1     | 3,370          | 8  | 8  |
| Cheyar do.   | Wandiwash | 45,864               | 1     | 1     | 4,626          | 8  | 7  |
|              |           |                      |       |       | 50,490         | 10 | 6  |

8. Under the head "Irrigation," the principal requirements of the district are the following:—

1st.—The extension of the Anicut Channels on the south bank of the Palar, and of those on both banks of the Cheyar river.

2nd.—The network of Channels from the Ponne anicut, east and west, may be said to be complete, or very nearly so, as are also the Palar Anicut Channels on the northern bank of that river.

Third.—Restoration of the Purunjicupam and Kalasamudram high level reservoirs, and of the Alliabad dam in the Polur taluk.

Fourth.—Restoration of the high level reservoir of Nagapatla and Malleswaram, in the Chendraghiri taluk. The former project was taken up and partially completed years ago. These, with the projects immediately preceding in the Polur taluk, will find place in the list which I am called on to submit in Proceedings, dated 29th May 1867, communicating Order of Government, dated 17th May 1867, No. 1,490, Public Works Department.

Fifth.—An anicut and channel to feed the tanks at and around Palamanair, where the want of water for even drinking purposes is an almost annual calamity.

Sixth.—The construction of a new anicut at Ellathur or Mambakam, in the Polur taluk, some 20 miles higher up the Cheyar river than the present one. Surveys are now being made for the purpose of determining which of these two points is the more eligible. The Polur taluk has suffered so grievously for years past from drought that I regard this, as perhaps, the most important project in the district.

9. COMMUNICATION, NEW.—The amount expended on the formation of new roads during the year, falls short of the outlay of the previous year, amounting only to Rupees 4,037. The only new works of this class executed from the Imperial Funds were those shown in the margin. But here again large sums were spent from Relief Funds in forming several new lines, and pushing forward to completion roads already under execution.

10. COMMUNICATION, REPAIR.—Rupees 53,638 were laid out on the repair of roads during the year. This figure represents the total annual allowance assigned for the maintenance of the several roads throughout the district. I have been over most of the roads during the year, and found them, with the exception of portions here and there, in fair working order. I can note a marked improvement in all of them during the last two years.

11. The most important wants under this head are the improvements of the Moghilli Ghaut on the road to Bangalore, and the completion of the new gradients on the Syragunta Pass.

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The new Civil Dispensary at Chittoor, which I reported last year as well advanced, has been completed and opened for the reception of patients.

13. REPAIR OF BUILDINGS.—Rupees 4,623 were laid out on the repair of public buildings during the year. Of this expenditure Rupees 1,973-11-10 pertain to Military buildings, the balance having been spent on other buildings, the more important of which are specified in the margin.

ENCLOSURE No. 1.  
List of principal Irrigation Works repaired by Department of Public Works, in the North Arcot district, during the official year 1866-67.

| No. | Name of Work.                                                         | Amount of estimate. | Amount spent in 1866-67. |    |    |
|-----|-----------------------------------------------------------------------|---------------------|--------------------------|----|----|
|     |                                                                       | RS.                 | RS.                      | A. | P. |
| 1   | Repairing the Sluices in the body of the Ponney Anicut                | 1,200               | 1,127                    | 5  | 6  |
| 2   | Do. do. Mambakam, first class Tank                                    | 2,150               | 1,544                    | 13 | 4  |
| 3   | Do. do. Boodoor large Tank                                            | 1,380               | 295                      | 15 | 9  |
| 4   | Do. do. Mambakam Supply Channel                                       | 1,060               | 1,044                    | 12 | 6  |
| 5   | Do. do. Torappadi first class Tank                                    | 2,200               | 2,100                    | 0  | 0  |
| 6   | Do. do. Oonavaniemboddy Anicut and Channel                            | 2,960               | 1,099                    | 15 | 1  |
| 7   | Do. do. Sathupari Tank and Sluice                                     | 5,330               | 2,216                    | 4  | 1  |
| 8   | Do. do. Widening and deepening the Tatny branch of the Cheyar Channel | 1,500               | 1,499                    | 11 | 0  |
| 9   | Repairing Mardadoo large Tank                                         | 2,500               | 2,496                    | 5  | 0  |
| 10  | Do. Nedungumam Tank and Supply Channel                                | 1,060               | 1,059                    | 6  | 9  |
| 11  | Do. Valayar second class Tank                                         | 1,100               | 1,099                    | 0  | 0  |
| 12  | Do. Polur Tank                                                        | 1,070               | 1,068                    | 7  | 0  |
| 13  | Do. Cheyar main Channel                                               | 1,250               | 1,249                    | 9  | 9  |
| 14  | Do. Tappur Condun and Channel                                         | 1,250               | 2,080                    | 0  | 0  |
| 15  | Do. Kolattur Tank                                                     | 2,080               | 4,000                    | 0  | 0  |
| 16  | Do. Moodoor tank                                                      | 3,600               | 3,600                    | 0  | 0  |
| 17  | Do. Keelnedy Peryery Tank                                             | 2,640               | 2,640                    | 0  | 0  |
| 18  | Do. Polloor large Tank                                                | 1,480               | 1,480                    | 0  | 0  |
| 19  | Emergent work to Palar Anicut and Channel's Head Sluice.              | 2,500               | 1,600                    | 0  | 0  |
| 20  | Repairing the breach of Rendady Avasam Tank                           | 1,010               | 810                      | 0  | 0  |

CHITTOOR,  
27th July 1867.

- Submitted for the information of Government.
- The Collector's remarks in paragraphs 8 and 11 are deserving of the special attention of Government.

(True Copies and Extract.)

*[Signature]*  
Secretary.

To the Secretary to Government, Public Works Department.  
.. the Secretary to Government, Revenue Department.  
Copy to the Collector of North Arcot.  
Exd. J. Wright.

2320 dated 1/17/1867

2693

2693-300 80 p.m. 1867

Submitting to Government letter from Collector of North Arcot reporting on operations of P. W. D. during 1866-67.

No. 6,186.

Dated 12th August 1867.  
C. P. 20  
P. W. D.

PROCEEDINGS OF THE BOARD OF REVENUE.

No.

1867.

Department.

12th 1867  
No. 3740

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 3rd Sept/67

Read the following

Pro. of the B. of Revenue.

(Here enter No. 556 dated 12th August/67)

Communicated to the Superintending Engineer of the 4th Division -

Adverting to para 8 of the Collector's report, the Governor in Council ob.

- 1 Extension of the ancient channels on the South bank of the Cheyam river.
  - 2 Rectifying the Turunjeappam and Kattawamicham tanks.
  - 3 Reconstruction of the Allabad dam - 3713-4  
see G.O's Nos 3714 of 1866 - & 588 & 1494 of 1867 -
- W. W.
- \* Proc of Govt No 4027 - 20 Dec/66.
- & see para 8 of G.O. No 1490 - 17 May 1867.
- shows that the works marginally noted are now under execution. The extension of the ancient channels on the north bank of the Cheyam river has been deferred for the reasons set forth in Col. Bailean's letter of the 17th December 1866, No 3725. The preparation of a scheme for an ancient across the Cheyam river at Kumbakram is now in hand. Colonel

6✓

(Dean will report whether  
the investigation of any  
of the other four projects  
referred to by Mr Robinson  
has been undertaken,  
and, if so, when the  
plans and estimates are  
likely to be laid before  
Government -

3 The Superintending  
3 Engineer will give his  
attention to the remarks  
in para 11 of the Colonel's  
report regarding the  
Uoghili and Synagumba  
ghauts -

M.

To  
The P. Engr 4<sup>th</sup> Div  
18 (Bd of Rev. I  
8 (Rev. Dept)

Recd 4/9/67

P. W. 1867. Department.

*Pro: of Govt for September*  
No. 2693

PROCEEDINGS OF GOVERNMENT. *of Madras*

Dated 3<sup>rd</sup> September 1867

Communicating with  
Remarks to the Supg. Engineer  
of the 4<sup>th</sup> Division the Pro:  
of the Board of Revenue  
Submitting the Collector's report  
on P. W. in the North Arcot  
District for 1866/67.

*Ch. 37-38*

*c. 25<sup>th</sup> August 1867. (R. 28<sup>th</sup>)*