

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.***Public works* **DEPARTMENT.**

G.O. No. 1934	Press
237-238	Mis.
Dated 13. 8.	1872.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
13th August 1872.*

No 237. Read the following Proceedings of the Board of Revenue, dated 25th July 1872, No. 1,414 —

Read the following letter from the Acting Collector of the Godavery District, to the Secretary to the Board of Revenue, dated Cocanada, 25th June 1872, No. 193.

I HAVE the honour to submit my report on the Public Works executed in this district during the official year 1871-72, with the usual statement showing the expenditure on those works compared with that of the preceding year.

2. The following is an abstract of it. —

Items	Actual expenditure in 1870-71			Actual expenditure in 1871-72.			Increase			Decrease		
	RS.	A	P.	RS.	A	P.	RS.	A	P.	RS.	A	P.
<i>New Works</i>												
Irrigation	89,961	2	9	1,63,934	5	8	73,973	2	11	4,022	12	5
Communications ..	4,274	11	3	251	14	10						
Buildings	11,993	1	0	14,983	14	2	2,990	13	2			
Total ..	1,06,228	15	0	1,79,170	2	8	76,964	0	1	4,022	12	5
Net .							72,941	3	8			
<i>Repairs</i>												
Irrigation	1,54,240	13	2	1,59,676	6	7	5,435	9	5	21,206	0	1
Communications ..	22,750	1	5	1,544	1	4						
Buildings	3,822	11	2	4,911	8	7	1,088	13	5			
Total .	1,80,813	9	9	1,66,132	0	6	6,524	6	10	21,206	0	1
Net .							..			14,681	9	3
Total New Works and Repairs	2,87,042	8	9	3,45,302	3	2	72,941	3	8	14,681	9	3
Tools and Plant ..	225	2	6	5,559	3	0	5,334	0	6			
Total ..	2,87,267	11	3	3,50,861	6	2	78,275	4	2	14,681	9	3
Net .							63,593	10	11	...		

3. The expenditure during the year on new works and repairs amounted to Rupees 3,45,302-3-2, or Rupees 58,259-10-5 above the outlay of the year preceding.

4. NEW WORKS—Irrigation —There is a striking increase in the new works of irrigation, consequent on the extension of the Eastern and Western delta

Eastern Delta projects. In connection with the former, the Cocanada canal has been much improved, the locks at Tossipudi and Chintapalli have been nearly completed, and those at Medapadu and Covur and the calingulabs at Tossipudi, Chintapalli, and Medapadu have been partly proceeded with. Excavating the Tulyabhaga and the Kutukuluru drains and constructing the escape over the Bhimavaram aqueduct on the Samalcottah canal have been almost completed; the Samalcottah canal has been excavated throughout, and some minor works of no importance excavated.

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The Cocanada canal was for a long time during the year closed for repairs. The navigation on it, which is very great, was diverted to the Samalcottah canal as usual. A sum of Rupees 63,995-4-10 has been expended during the year against Rupees 41,342-4-3 in that preceding in completing the western section of the Godavery delta. A list of the works executed in connection therewith is given in the column of remarks in the enclosed statement. The Itampudi lock and the Perawaly and Itampudi weirs on the Narsapur canal and the head sluice on the junction canal, are the most important of the works finished. The lock at Peravaly and the double lock on the junction canal, besides a number of drains and irrigation channels are in progress. The expenditure on minor new works to Irrigation canals, etc., is only Rupees 4,514-15-1, against Rupees 8,151 7-5 in the preceding year. In 1869-70 the expenditure was only Rupees 4,331.

5 *Communications*.—The expenditure under this head during the year is very slight, the several works named having been completed during the preceding year.

6 *Buildings*.—The increase of Rupees 2,990-13-2 under this head is due to the partial construction of a Telegraph Office at Rajahmundry* and another at Cocanada†. In the first, main walls 11 feet high and outer walls and cross walls to the full height were raised as also the walls of the out-house. In the second the foundations were excavated, and walls 2 feet high raised. The Central Jail is the next important work in which tarring the palisading and white-washing the wards and cells, have been done by convicts.

7. *REPAIRS—Irrigation*.—Repairs to the amount of Rupees 17,830-10-2 have been executed to the anicut, and to the amount of Rupees 1,21,671-7-11 to the several irrigation canals and drainage channels scattered through the whole district. Several tanks have been repaired at a cost of Rupees 20,174 4-6.

8. *Communications*.—Under this head, there is a large falling off consequent on the Great Northern Road from Madivu to the Bengal frontier with a branch from Jaggampetta to Cocanada, and the roads in the Rampa country on which a sum of Rupees 15,882-12-11 was spent last year having been transferred to the Local Funds this year.

9. *Buildings*.—The increase of Rupees 1,088-13-5 is due to the large repairs executed to the church at Rajahmundry, and the petty repairs to different Court-houses, Jails, and Engineer Offices. The office buildings of the Tahsildars and Sub-Magistrates at Amalapur, Cocanada, Sivakodu, Kottapetta, Chintalapudi, Ellore, Peddapur, Viravasaram, Tanuku, and Pittapur, and those of the Collector and the Account Deputy Collector have also been repaired.

10. The number of irrigation and other works repaired during the year under report is as follows:—

	No
Irrigation Canal, etc.	286
Tanks	95
Drainage Channels...	26
Civil Buildings	37

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There are no roads in the district maintained from the Imperial funds.

11. Having only lately joined the district, I have not had the opportunity of personally inspecting any of the works, and I cannot consequently give a report of their state.

ENCLOSURE No 1.—Statement.

SUBMITTED for the information of Government.

(True Copy and Extract.)

(Signed) J. GROSE,
Secretary.

No. 238. ORDER THEREON, 13th August 1872, No. 1,934.

CIVIL WORKS, No. 16.

COMMUNICATED to the Superintending Engineer of the 1st Division.

(True Extract)

Colonel, R E,
Secretary to Government.

To the Acting Superintending Engineer, 1st Division.

Exd S T. Austin.

Completed

9th Making certain improvements to the 86 77 143
Superintending Engineer's Office 1st Div
10 Making certain alterations & additions ^{2nd Div} 138 138
to Government Workshop to accommodate
date 1st & 2nd Range Office - - - - - 80

11 Repairing Range Officer's Quarters 92 91 99 80
Range 2 - - - - -

Total Quarters 700 6 6 497 34

Military
Hil

Total Buildings 3822 11 2 4911 87

Total Communications 22750 15 1544 14

Total Irrigation 1574240 132 1526766 7

Total Repairs 150813 99 166132 6

Total New works 10622815 179170 28

Grand Total of New works & Repairs 28704289 34580232

Tools and Plant 225226 3559 3

287267 11 3 35564 62

Secretary District
Collector's Office
Cannara
25th June 1872
Asst Collector

Metalled Roads - - - - -
 Bridges - - - - -
 Navigable Canals - - - - -

15882 12/11 - - -
 170 87 - - -
 1013 29 - - -

Steel Communications including Mains

22750 15 1844 14

Buildings

Civil Administration

Revenue

Sanat and Miscellaneous - - - - -

2340 71 1526 12/10

Steel Revenue

2340 71 1526 12/10

Co-Operative

Canals

1 Repairing Canal at Pajimundry 1031

1092 41 Completed

Canal Sowers

1 Repairing Canals at Samalotta - - - - -

200

180 12 6 Works Completed

Steel Co-Operative

1273 7

Public

Comd Houses

Public

Building money to Hospital
 Hospitals and Quarters - - - - -

Public Justice

General

1 Repairing No 1 Range Office at Samalotta 55

55 27 Completed

2 20- Superintending Engineer's Office 100

100 1 Completed

3 20- a shed in the workshop

Completed 270

270 - - - - -

4 Repairing a building occupied by
 No 6 Range Office at Samalotta 127

71 159 - - - - -

5 20- the Samalotta Compound at

6 20- at Pajimundry 354

37 143 - - - - -

7 20- at Jagannatha 34

23 118 - - - - -

8 20- at Kallachanda and Pargary - - - - -

21 - - - - -

21 1 - - - - -

cut stone & Calumet in progress

Conute all done. Stimulations
examined, walls 2 feet high.

Amplecter

Completet)

254 129 10/13 44

11993 / . 14983 / 4 2

4274 11 3 251 14 10

899612916093458

106228 15 - 179170 28

Completed

22

~~He~~ agrees

" 11852 7.4.2017 4 4

154,240/3.2 1596/66

5700 8688 112 " " Confirmed

Estimate will be closed as soon

5683 11 2. 1844 1 4 Brought for 1872/73.

Stuntia calypsa } *Gratula*
Arundinacea } nearly collected
Agave }
Sporophyllum }
Alnus }

Spent - finished the progress

Harpacticoid Crustaceans
 Canal }
 Harpacticoid Crustaceans
 Harpacticoid Crustaceans
 Harpacticoid Crustaceans

Canal }
 Harpacticoid Crustaceans
 Harpacticoid Crustaceans
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Canal }
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 Harpacticoid Crustaceans

Canal }
 Harpacticoid Crustaceans
 Harpacticoid Crustaceans
 Harpacticoid Crustaceans
 Harpacticoid Crustaceans

Completing the western section of the

Harvey Wells

1870/71

Extension of navigation 22,999-1-

the western side

2nd Cutting navigation channel
 into a continuous stream
 by sluices on Elmore
 Canal
 Extension of navigation
 from Elmore Canal

3 Navigation Canal from the
 Elmore Canal to Harrison's

14577-5-6
 41342-4-3

3 South side channel from Thompson's
 on Mandapeta Canal } 4850 102 46 30 86 Completed

4 Side channel from Mandapeta on
 south side } 4460 " " 160 83 16588 cubic yards earth work done

5 Widening and rebuilding side wall of
 improvement to Elmore Canal } 20500 23 312 " " 87 2 1/2 2000 rough stone in channel
 Elmore works to navigation canal } 108234 446 87 " " 4-12 20000 laid in 2000

State Navigation
 Communications
 Metal Road

Bridge

1 Construction on side of bridge over old } 3490. 1071 " 7 135 136
 2 Do - across Mandapeta Canal } 7360 645 310 96 14
 3 Do - across Coniga Canal } 1490 2077 76 " "
 4 Do - across over a stream side } 291 290 154 " "
 5 Do - across Mandapeta } 291 290 154 " "

State Navigation
 State Bridge
 State Communications

190 190 " " "
 4274 113 251 14 10
 4274 113 251 14 10

20

22

Stewart, Peter B., Bone &
Coast Expeditions, 1891-1892

Shirley

Backs & wings black, ventral light -
calyculat or tenate irregular is -
13 of 8 long dors.
brachyptera 6 long
black

Bookish children nearly completed
Philosophical course all done

1888/10/16 3.8.15

Providence
at 20

Arriving nearly
immediately, delayed in
consequence of difficulty
of procuring papers and

3/4 done, second
and complete
Cinnigalatta Conata 2/3 done

Catalogue of the
 Concrete of Stone
 by the ^{the} rule
 in the same and
 look at Corny
 Concrete completed.
 Successory completed
 1 good design.
 Completed to basement
 level, front culverts
 in two rows. See
 wall plan of post.

Recomendation } *The reduced medium*
Adgar's drum } *ordered 23 completed*
Satanstuln's do } *finished completed*

improving } otherwise than
by a } by
means } confuted.

Quadrans } 2/3 collected.
 Quadrans }
 Quadrans }

Expenditure } and separated
In our accounts } throughout to
to small bills } bills action.
and ——— } parallel or is

Richard Lutz Concrete all done
No 1 Drafts 2 weeks that under

do not do —
Material to the
Foundation
1/2 year old

1872. Sept.
In a letter from the
Collector of Danvers Mass.
where living in the
Board of Revenue
dated 25 Jan 72
Recd
No 193.
V. L. No 3389/72
Retention of Public
Books executed by
The Collector for 1871-72
p 7 373/72
Nov 15 signed 1872 1873

S. O. 1872 Madras
1872. *Aug 23.*

BOARD OF REVENUE,
MADRAS.

PROCEEDINGS, 25TH JULY 1872, NO 1,414

21 Aug 1872
Encl. 1

Received 2^d August 1872.

JULY.
No. 1,414.

Public Works—erected in Godavery Dis-
trict during 1871-72.—Report of Collector on
—submitted to Government.

1872-73-13 Aug 6/72
W. H. Gordon

18.10.82
Recd 19/8/72

*Communicated to the Secy.
19.10.74.
Inspector of the 1st Division. W.H.*

1872-73-13 Aug 6/72

Ch^o 3731.

Govt. of 1872 Madras.

PUBLIC WORKS. ✓)

To The Acting Superintendent
Eng^r of the Museum

Dated

Recd

Incl. ✓)

G O 13 Aug 1872 934.

Nos. 237-238

Pub. Works - Report of
the collector on Public
Works executed in the
Coastal District during
1871/72, Com^d to the
Eng^r of the 1st Div.