

(1) Number of pages 20(2) Date of repair 1-1-1864(3) Initials of the Referencer **MADRAS RECORD OFFICE.****Government of Madras.***Public Works* **DEPARTMENT.**G.O. No. 218Press
Mis.*4461-4462*Dated 20-1- 1864.**Not to be folded or roughly handled**

1 V

*Proceedings of the Madras Government, Public Works Department,
20th January 1864.*

No. 441. Read the following Proceedings of the Board of Revenue, dated 22nd December 1863, No. 8,108:—

Read the following letter from H. MORRIS, Esq., Acting Collector of the Godavery District, to W. HUDLESTON, Esq., Secretary to the Board of Revenue, dated Cocanada, 22nd October 1863, No. 349.

SIR,

1. I have the honor to submit a report on the Public Works executed in this District during the official year 1862-63, accompanied by a Statement showing the expenditure on those works compared with that of the preceding year.

This Statement will explain the progress made, and it will be necessary for me only to add a few remarks on the principal works, and to express my opinion regarding their effect on the welfare of the people and the country.

2. A large portion of the sum sanctioned for the improvement of the Cocanada Harbour has been expended during the year in dredging the river, and in strengthening the sides of the river with stone groynes. The Cocanada Light House was raised twenty-four feet, but the Estimate proved insufficient, and the work had to be suspended on the last day of December. Cocanada is one of the most important Commercial Towns on the Eastern Coast, and it is absolutely necessary that the harbour should be improved as much as the resources of the Public Works Department will permit. Both the imports and exports exceeded those of the previous year, and I hope that, the communications between this District and the Kistna District being nearly complete, the commerce of the port will considerably increase.

3. The Godavery Anicut was raised two feet at a cost of upwards of Rupees 70,000. The work appears to be extremely solid and compact, and will be the means of strengthening the important structure upon which the irrigation of the whole District depends. The Godavery lately rose to a height almost as great as that attained by the peculiarly destructive fresh which occurred two years ago: but the Anicut and the subordinate Engineering works appear to have borne the strain most admirably.

4. A Canal was opened from the head of the Samulcotta Canal to the quarry at Gudipalli, and it has been of great use in supplying material for the work at the Anicut.

5. One of the most important works that has been carried on during the year is the Ellore High Level Canal, which is to connect the waters of the Kistna and the Godavery. It has been vigorously prosecuted, and is now, I believe, nearly completed. It has already exercised considerable influence on the commerce of Cocanada, a great deal of Cotton having been brought by that route from the neighbourhood of Guntoor for exportation at this place.

6. Much care and pains have been bestowed by the Engineer Officers on the preservation and repair of Canals, in dredging and clearing these important sources of communication, and in strengthening the embankments of the river.

7. Among other useful works a road has been constructed between Cocanada and the Salt Pans at Karapá, which will be of great service, if it stands the violence of the weather.

8. A station house has been built at Peddapore, and a great number of huts have been raised in various places for the comfort and convenience of the Constabulary.

9. In conclusion, I would press on the Board the necessity of using all their influence for the extension and completion of all the works connected with the Godavery Anicut, which has already conferred great benefits on the people of the District, and may yet increase them to a considerable degree. Much has already been done, but much still remains to be done, before the whole scheme of Godavery irrigation will be complete.

10. I hope that I have prepared this report in accordance with the wishes of the Board; but, as I stated in a previous communication, this is the first report of the kind which has been submitted from this District.

*Proceedings of the Madras Government, Public Works Department,
20th January 1864.*

ENCLOSURE No. 1.

ABSTRACT.—Report on Public Works in the Godavery District for 1862-63.

1. Ordered that the above Report be submitted for the information of Government.
2. The following Abstract of the Statement accompanying Mr. Morris's Report, shows that, a total sum of nearly 6 lacs was expended under the two general heads of New Works and Repairs in the year 1862-63, exceeding the expenditure of 1861-62 by upwards of a lac and thirty thousand Rupees. The only minor heads under which there was less expenditure in 1862-63, are Irrigation and building Repairs.

ABSTRACT.

Items.	Actual expenditure in 1861-62.	Actual expenditure in 1862-63.	Increase or Decrease.
<i>New Works.</i>			
Irrigation	97,310	2,11,533	+ 1,14,223
Communications	47,900	63,773	+ 15,873
Buildings	1,020	11,931	+ 10,911
Total New Works...	1,46,230	2,87,237	+ 1,41,007
<i>Repairs.</i>			
Irrigation	2,29,089	1,90,711	— 38,378
Communications	84,851	1,17,507	+ 32,656
Buildings	7,266	4,540	— 2,726
Total Repairs...	3,21,206	3,12,758	— 8,448
Total New Works and Repairs ...	4,67,436	5,99,995	+ 1,32,559

3. Referring to the concluding paragraph of Mr. Morris's Report, the Board request that an abstract in the above form may be included in the body of future reports. The object in view in receiving these reports is to ascertain that Collectors are satisfied with the progress of the works under execution, and to give them an opportunity of stating how far in their opinion the needs of their Districts are met by the operations of the Department Public Works.

(A true Copy and Extract.)

(Signed) W. HUDLESTON, Secretary.

No. 442.

ORDER THEREON, 20th January 1864, No. 218.

Communicated to the Superintending Engineer, 1st Division.

(True Extract.)

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

To the Superintending Engineer, 1st Division.

Exd. S. T. Augustin.

No. 8,108.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 22nd December 1863.

Read the following letter from H. MORRIS, Esq., Acting Collector of the Godavery District, to W. HUDLESTON, Esq., Secretary to the Board of Revenue, dated Cocanada, 22nd October 1863, No. 349:—

1. I have the honor to submit a report on the Public Works executed in this District during the Official year 1862-63, accompanied by a Statement showing the expenditure on those works compared with that of the preceding year.

This Statement will explain the progress made, and it will be necessary for me only to add a few remarks on the principal works, and to express my opinion regarding their effect on the welfare of the people and the country.

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3. The Godavery Anicut was raised two feet at a cost of upwards of Rupees 70,000. The work appears to be extremely solid and compact, and will be the means of strengthening the important structure upon which the irrigation of the whole District depends. The Godavery lately rose to a height almost as great as that attained by the peculiarly destructive fresh which occurred two years ago: but the Anicut and the subordinate Engineering works appear to have borne the strain most admirably.

4. A canal was opened from the head of the Samulcotta Canal to the quarry at Gudipalli, and it has been of great use in supplying material for the work at the Anicut.

5. One of the most important works that has been carried on during the year is the Ellore High Level Canal, which is to connect the waters of the Kistna and the Godavery. It has been vigorously prosecuted, and is now, I believe, nearly completed. It has already exercised considerable influence on the commerce of Cocanada, a great deal of Cotton having been brought by that route from the neighbourhood of Guntoor for exportation at this place.

6. Much care and pains have been bestowed by the Engineer Officers on the preservation and repair of Canals, in dredging and clearing these important sources of communication, and in strengthening the embankments of the river.

7. Among other useful works a road has been constructed between Cocanada and the salt pans at Karapa, which will be of great service, if it stands the violence of the weather.

8. A station house has been built at Peddapore, and a great number of huts have been raised in various places for the comfort and convenience of the Constabulary.

9. In conclusion, I would press on the Board the necessity of using all their influence for the extension and completion of all the works connected with the Godavery Anicut, which has already conferred great benefits on the people of the District, and may yet increase them to a considerable degree. Much has already been done: but much still remains to be done, before the whole scheme of Godavery irrigation will be complete.

SV

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ENCLOSURE No. 1.

ABSTRACT.—Report on Public Works in the Godavari District for 1862-63.

Ordered that the above Report be submitted for the information of Government.

2. The following Abstract of the Statement accompanying Mr. Morris's Report, shows that, a total sum of nearly 6 lacs was expended under the two general heads of New Works and Repairs in the year 1862-63, exceeding the expenditure of 1861-62 by upwards of a lac and thirty thousand Rupees. The only minor heads under which there was less expenditure in 1862-63, are Irrigation and Building Repairs.

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Total New Works and Repairs.....	4,67,436	5,99,995	+ 1,32,559

3. Referring to the concluding paragraph of Mr. Morris's Report, the Board request that an abstract in the above form may be included in the body of future reports. The object in view in receiving these reports is to ascertain that Collectors are satisfied with the progress of the works under execution, and to give them an opportunity of stating how far in their opinion the needs of their Districts are met by the operations of the Department Public Works.

(A true Copy and Extract.)

To Colonel C. A. Orr, R. E., Secretary to Government, P. W. D., with enclosure. Secretary.

Copy to H. Morris, Esq., Acting Collector of the Godavari District.

Exd. J. Wright:

Produce
 and Miscellaneous
 Salt
 Customs

1744	933	10	7
546	533	1	7
49	2	2	2

✓

Total Revenue

2290	2015	144
------	------	-----

Excise and

Total Civil
Administration

3213	2869	89
------	------	----

General
Public Works

44	66	610
----	----	-----

General
Public Works

1616	571	104
------	-----	-----

General
Public Works

141	441	1510
-----	-----	------

Total General

1489	953	102
------	-----	-----

Total Building

1266	4520	63
------	------	----

Total Engineering

2290	891	9011
------	-----	------

Total Communication

84857	11302	110
-------	-------	-----

Total Building

712	46	4520
-----	----	------

321206	312	959110
--------	-----	--------

Total Revenue

1462230	289239	153
---------	--------	-----

Total Revenue

321206	312	959110
--------	-----	--------

General Public Works

Total Building

463	436	5999114
-----	-----	---------

General Public Works

Total Building

M. Revenue

20 October 1863

By the Collector

Charles W. Brown
 Collector

Communications
 Marine
 Special Mail
 Navigation
 Transit 80 00
 Road Light House

Total Marine

29	11	9
3	21444	4
	383	4

Canal
 McMillan Canal
 New Castle Roads
 Bridges
 Service & Boat Bridges
 Navigable Canals
 Accommodation
 Tunnels
 Dams & Improvements

3	21857	2
97		
11504	16664	3
1528	1495	97
4366	370	11
1028	262	
65758	52424	92
567	1171	96
	7096	12

Other Improvements
 Barge, Bridges &c
 Special
 Navigable Canals
 Canal Communication
 Barge
 Mill
 Accommodation for
 American
 Fortifications
 Naval Military
 Civil Administration
 Special
 Canal Service
 Pacific
 Pacific
 Special
 Total Special

84057	113809	146
	15369	145
2164	310	93
58	653	
	325	14
2222	650	126
1675	441	8
248	23	68
	379	153
	8	126
9203	853	145

Judicial Office.

23 Case Station House
at Belknap 12.40

Constable's Office throughout
the Station 10.085

2 Station House

Constable's Office 50.00 2.58

Subsidary Jail at

Elora, Canada, Ontario

Justice, Ontario 640

and June 640

at Judicial 2.58

at Station House 10.20

at Station House 11.93

at Station House 4.3

at Station House 9.31

at Station House 11.93

at Station House 4.3

at Station House 9.31

at Station House 11.93

at Station House 4.3

at Station House 9.31

at Station House 11.93

at Station House 4.3

at Station House 9.31

at Station House 11.93

at Station House 4.3

at Station House 9.31

at Station House 11.93

at Station House 4.3

at Station House 9.31

at Station House 11.93

Completed

Some Completed some in progress

Station out of Commission funds.

in progress

4,190.00 6,343.00

10.20 11.93

146,230 20,200

1,992.148

20,442 8,452

1,957.2 14,041

1,445.310

11,135 14,548

2,320.92

50,536.3

98.13

22,908.9

1,904.91

1,904.91

1,904.91

1,904.91

1,904.91

Road from Hudson's to Gailswanum	1200	1332	35	
Bridges.				
2 Iron Chain Bridges on Elbow River Road	11600	50		
Canals				
Canals in Standapit	28650	1400	11506	77
Canal				in progress
Completing & turning path at Chagaram	23360	7286	1519	114
signed				Completed.
turning the Road of the Old Main Canal	12000	5836	10694	811
				at o.
Steel Communications	—	47900	6343	2

Contract with Messrs Wright
submitted for approval.

Building				
Building				
Constructing a lighting structure to the House				
Magazine at the upper situation Camp at Donlandman	474	405	70	104
Building for the use of lighters & wharves at Donlandman	54078	357		
Steel Milling				
Civil administration				
Revenue				
Land & Miscellaneous				
Constructing Roads.				
Settling at Kuluam	6290		606	145
Settling Revenue			605	145

Completed.
Completed.
in progress.

Completing the Amherst	151073	8428	15217	Completed with the exception of an inlet in the north bank of the canal
Constructing a Calivada	27410	1597	1341155	Complete road
Rear Wharf	17850	162021010		3 Becks have been completed & the 4 th is nearly done.
Constructing 4 Becks in the South bank of the Elmore Canal	17850			
Improving & clearing the existing canals in the Elmore Canal	11868			Nearly completed
Minor new works to Irrigation Canals & Banks &c below 5700 ft. level	2834	2809		
Minor work in the Victoria Port	73			
Minor new works to Irrigation Channels	3473			14 ft. new and 20 ft. minor improvements to be built.

20-50-50 Damages	157	158	210	2 Damages Channels built.
Water Irrigation	97310	211533109		
Communication				
Improvement of the Coenada Harbor	41250			
Coenada Harbor Light				
House, Pigsties, Redging & flag staff	20909	23378	32753155	Flag staff completed & other works are in progress.
Salmon of original settlement	2046			
Survey of the River				
Wharf	1720	1084	99	Completed.
Wharf & Docks. Canal Machine		33378	33838	92
Constructing a second class Road from Coenada to Pigeon	4490		4353	9 Completed.

Port of Discharge					
and Navigation in the					
Cut, at Belle	3/5932	14808	5752	4	Imperial.
Additional Estimate	3002				
Navigation & drainage					
Channel in the Mississippi	21000		2114	57	Completed with the exception of a drainage sluice in the channel near Chittagong.
Channel Channel	1101	-	-	-	Abandoned to become a road for more important other works.
Caligala across the					
Bugari River	7420				
Aguedes over a drain					
Arved by the Aqueduct					
Channel	5400	1257	1952	511	Completed.
Completing the drainage					
Loche	23500	925			Completed.
Caligala in the Bugari					
Gutter in Longanputi	610	607	138	59	Completed.
Portion of Elmore High					
Local Canal from the main					
to the main, Channel in the	214385	45883	51582	9	Canal excavated for 13 miles, Elmore
Arch, Elmore Lake &c					Arch, Caligala, & drainage completed.
Raising a dam on the	300000		2228	54	Dr. Progress.
Excavating a Channel					
from the head of the main					
Canal to the Guadalupe	4826		4828	16	Completed.
Canal in the upper					
Channel	2590		2638	4	do.

Report on Public Works in the Pandanery District for 1862-63.

Description of work	Estimated Cost.	Actual Expenditure		Remarks
		During the year 1861/62	During the year 1862/63	
San works.				
Excavation.				
Canigala across the Pandanery Channel re	59,135	"	9	Spends taken for digging channels between Puthupudi & Pannidipudi & other small ports works.
As well for the draining of the country on both sides of the Portman	7260	"	"	It appears that Rs 5960 had been expended prior to 1861/62 - No work has been subsequently executed.
Canal irrigation re from Pannir near the Pandanery Canal to Ellore & Pothu of irrigation and navigation in the	287644	18043	3604	Completed.
Canal Wells	35932	14008	3752	Impending.
Additional estimate.	3002	"	"	
Irrigation & drainage channels in the Puthupudi & Pandanery Channel	11000	"	2111	Completed with the exception of a drainage sluice in the channel near Puthupudi. The work has been ordered to be completed when an order is issued.
Ellore Canal Channel from the Coconna Canal	1101	-	-	
Canigala across the Pandanery River	7420	"	"	
As well over a drain crossed by the Pandanery Canal	5400	4257	1953	Completed.
Completing the Pandanery Canal	23500	925	"	Completed.
Canigala in the Pandanery Cut in Pandanery Cut	610	609	138	Completed.
Canal from Pandanery to Pandanery, Pandanery & Pandanery, Ellore & Pandanery	24385	45003	51582	Canal completed for 13 miles, Ellore & Pandanery, Pandanery & Pandanery, Pandanery & Pandanery nearly done.
Canal from Pandanery to Pandanery	30000	"	92218	As Pandanery.
Canal from Pandanery to Pandanery	4026	"	4078	Completed.
Canal in the Pandanery Channel	2590	"	2630	do.

1833 Sept:

by a Mr. P. Smith

by letter

Edmund 184

The Secretary to the

Board of Revenue

London

Aug 22 8 Oct 1843

Recd

no 349

no 57/184

Report on Public Law
in the following Acts
in 1842-43.

Wm. 1849 Oct
in Law 30 Oct 41

(47)

1863. Department

Proc of Govt for January

1863

PROCEEDINGS OF THE BOARD OF REVENUE.

No.

No. 8,108.

Dated 22nd December 1863.

Recd 26 Jan 1864

Rs. 7

Rs. 108

Proc.

15-1-64

Submitting a report from the Acting Collector of the Godavery District on the Public Works executed in the District during the year 1862-63, together with statement of expenditure as compared with that of the preceding year.

Op 441. 442

2. 12th Jan 1864. O. 15

Subscribed

218

Public

Communicates

to the Superintendent Engineer

of the Division

1/11

Chelapattu 20th Jan 1864

Atty.

Recd 26 Jan 1864

1863

23

Recd 21 Jan 1864

18-218-20 January

With no. 8108