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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 2243	Press <u>Mis.</u>
32-33	
Dated 2-9-	1871.

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
2nd September 1871.*

No. 32. Read the following Proceedings of the Board of Revenue, dated 14th August 1871, No. 3,423.

Read the following letters :—

From the Collector of the Godavery District, to the Acting Secretary to the Board of Revenue, dated Cocanada, 26th June 1871, No. 218.

I HAVE the honour to submit my Report on the Public Works executed in this district during the official year 1870-71, with the usual statement showing the expenditure on those works compared with that of the preceding year.

2. The expenditure during the year on New Works and Repairs amounted to Rupees 2,87,267-11-3, or Rupees 39,680-6-5 below the outlay of the year preceding.

3. The following is a comparative statement of expenditure in the two years :—

Items.	Actual expenditure in 1869-70.			Actual expenditure in 1870-71.			Increase.	Decrease.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	
<i>New Works.</i>										
Irrigation	1,17,700	10	10	89,961	2	9		27,739	8 1	
Communications	15,617	14	8	4,274	11	3		11,343	3 5	
Buildings	32,675	6	9	11,993	1	0		20,682	5 9	
Total New Works...	1,65,994	0	3	1,06,228	15	0		59,765	1 3	
<i>Repairs.</i>										
Irrigation	1,38,288	3	7	1,54,240	13	2	15,952 9 7			
Communications	17,661	3	8	22,750	1	5	5,088 13 9			
Buildings	4,955	6	0	3,822	11	2		1,132	10 10	
Total Repairs...	1,60,904	13	3	1,80,813	9	9	21,041 7 4	1,132	10 10	
Net...							19,908 12 6			
Total New Works and Re- pairs	3,26,898	13	6	2,87,042	8	9	19,908 12 6	59,765	1 3	
Tools and Plant	49	4	2	225	2	6	175 14 4			
	3,26,948	1	8	2,87,267	11	3	20,084 10 10	59,765	1 3	
								20,084	10 10	
Net...								39,680	6 5	

4. The decrease on new Irrigation works is chiefly on the improvements to Akeed canal and extension of irrigation in the Western Delta. The amount spent in the previous year on the first item was Rupees 7,734-8-0, but it was not necessary this year to spend more than Rupees 446-8-7 to complete the work. The expenditure this year on the second item was Rupees 22,199-1-0 against Rupees 46,508-8-11 in the year past. The Itempudi lock is in progress and the drain west of Narsapur canal is partly completed.

5. The work of widening and improving the Cocanada canal, and the lock at Chintapalli, have actively progressed: 3,178 cubic yards of earthwork to Chintapalli lock and 2,229½ cubic yards to canal have been executed, and the lock at Thossipudi is in progress.

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6. The improvements to the Samulcotta canal are being carried on; 30 miles of earthwork was done; 41 bridges and culverts were built. These works proved very beneficial both to the agricultural and commercial interests of the district. The main or Cocanada canal having been closed for repairs the navigation on this canal, which is very great, was diverted to the Samulcotta canal. The tract of country irrigated by these canals is large, and the trade carried on by boats on these channels is very extensive.
7. The next important work is the navigation canal from Ellore canal to Wyaru, estimated at a cost of Rupees 70,460. About this of earthwork was executed.
8. Several minor new works to irrigation canals for the extension of irrigation have been executed.
9. Under Communications there has been less expenditure this year than in 1869-70. The iron girder bridge across the Coringa canal, for which a sum of Rupees 2,077-7-6 was spent in this year, was completed. Two small tunnels have been constructed on Trunk Road No. 6. With this exception the Trunk road work has not made any progress.
10. The amount spent in this year on Buildings was Rupees 11,993-1-0, while the expenditure of the previous year amounted to Rupees 32,675-6-9. The decrease of Rupees 20,682-5-9 is partly due to a limited expenditure on the construction of the Central Jail at Rajahmundry, which has been completed, and partly to several works under this head having been stopped for want of funds. The Subsidiary Jail at Cocanada has been completed.
11. The increase of Rupees 15,952-9-7 in the expenditure on "Repairs—Irrigation Works" is attributable to the extensive repairs executed this year to the different irrigation canals and drainage channels.
12. An increase of Rupees 5,038-13-9 is also observable under "Communications," in consequence of the usual work of dredging Cocanada harbour having been re-commenced. On repairs to a portion of the Great Northern Road from Rajahmundry to Tuni Rupees 6,339-10-1 were spent this year; 140 Rg. yards in No. 5 mile were gravelled; 1,470 Rg. yards of road metalled and gravelled in 11th and 12th miles; and 166 Rg. yards in 13th mile metalled and partly gravelled. Earthwork and gravelling on 26 bridges and tunnels between Rajanagram and Juggumpeta have been finished. Repairs to the other portion of the trunk road in this district have been executed at a cost of Rupees 4,698-6-8. A sum of Rupees 3,997-13-7 was spent on repairing roads in the Rumpa country; 6½ miles of road from Gokaram to Rumpa are finished. Rupees 452-14-6 were spent on repairing certain travellers' bungalows.
13. The head Repairs to buildings shows a decrease of Rupees 1,132-10-10, owing to most part of the works under this head having been completed in the previous year.
14. The number of irrigation and other works repaired during the year under report is as follows:—

Irrigation canals	...	...	...	...	...
Tanks	...	...	...	...	328
Drainages	...	...	...	...	63
Civil Buildings	...	...	...	...	13
	...	...	...	...	28

*Proceedings of the Madras Government, Public Works Department,
2nd September 1871.*

15. A statement showing the mileage, etc., of the Imperial roads constructed or maintained during the year will be submitted on receipt of the information from the Superintending Engineer, who has been requested to furnish me with the same in the form prescribed in the Board's Proceedings, dated 14th January 1870, No. 261.

ENCLOSURE No. 1.—Statement showing expenditure.

From the same Officer, dated Cocanada, 13th July 1871, No. 235.

In continuation of my Report, No. 218, dated 26th June 1871, on the Public Works executed during the last official year, I have the honour to submit, herewith, a statement of the mileage, etc., of Imperial roads constructed or maintained during 1870-71.

ENCLOSURE No. 1.—Statement showing mileage, etc., of Imperial roads.

SUBMITTED for the information of Government.

2. With the first of the foregoing letters the Collector forwards his annual statement of the progress of the Public Works in the District. The second letter encloses the usual statement of the mileage of Imperial roads.

3. It will be seen that there was a considerable decrease in the expenditure on New Works, as compared with the previous year.

4. There is an increase in the expenditure on Repairs to Irrigation works and Communications. It seems probable, however, that much of this "Repair money" has been laid out on work which belongs properly to capital outlay.

5. The repairs to the Cocanada canal have been carried on, and during the time that it has been closed for traffic the improvements to the Samulcotta canal have proved most beneficial; 30 miles of earthwork and 41 bridges have been completed on this latter canal, which has thus been made available for the traffic of the Cocanada canal.

6. Both the Rajahmundry Central Jail and the Subsidiary Jail at Cocanada have been completed.

7. Under the head of "Repairs to Communications" good work appears to have been executed on the High North road and in the Rumpa Hill country.

8. It does not appear that a single tank has been repaired.

No. 33. ORDER THEREON, 2nd September 1871, No. 2,243.

ESTABLISHMENT, No. 4.

COMMUNICATED to the Superintending Engineer of the 1st Division.

(True Extract.)

Captain, R.E.,

Under Secretary to Government.

To the Acting Superintending Engineer, 1st Division.

Exd. S. T. Augustin.

528

Grand total of tax for 1870 & 1871 32,689.81
Sole and Plant 49.42 225.26
Grand total 32,694.81 287,267.13

God every district
Collector's office
June 17, 1871
Sole and Plant

For 1870 & 1871
Collector

Decorated

Shurche.

1	Repairing the Church at Peconac	1100	318 51	" "	Fourplate?
2	do do at Bay行政管理	1040	1031 148	" "	Fourplate?

Bernard Berenson

Repairing Soot Pipes of the Landing at Longmanbury	4.9	39.10.4	£ 39.10.4	Completed
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Day Laboratory	49	39 10 4	
Total Reimbursement		1389 141	<i>Coupled</i>

Individual

Chart House, 1152, 1010, 369, 1000.

97-109 352 29

Notel Judicial _____ 1250-57 721-197

General

Depot of Superintending Engineers Office

at the Cincinnati

Change Office in Government Postoffice	13	"	97	"	"	Complete
--	----	---	----	---	---	----------

Repairing the Travellers Bag below at Folkestone— 250

do at Cowgill's - 250 197. 1211

149 90 57 143

Do _____ do _____ at Philadelphia — 354
 1851 11 2 1850-51 for Plate 2

24 . . . 23 11 8 Completed
 do at Lagrange
 do

Disinfecting 80 at Pharmazentrum to be sent 55 32 61 . . . 61

Defining 20 at Hallayides and Pangidi 21
" " " " 21 1 " Complete 2

Deferring the necessary movement to the Paris Bank

near the Mill Creek at Day's Landing — 650 585 " " Complete

Returning the stone shed at Chattanooga _____ 37 36 126 000 Completed _____

making certain improvements to understanding?

Engineering Office 1st Division } 86
" " " " } 77 1/2 3
" " " " } 77 1/2 3

Mr King's certain alterations and additions to Governor
 } 1938
 } 1938
 } Jan 1860

newest photographs recommended	1882	Range of trees	138	" " "	138	" "	Completed
Determining Range of trees at Gannox or near	92	" " "	91	" "	99	" "	Completed

William

28

Hotel Buildings _____ 4955 6 & 3822 112

Total Communication 1766138 2275015

Total charge accounts 138288 37 154240132

Total Repairs 460904 13 3 180813 9 9

Total from checks 165,994.03 106,228.15.

Brough's forward 3607.50

92

3 Constructing an oceanic office store } 175 " " 177 87 completed
Open cell at office }
4 Erecting cell for Assistant Engineer } 1300
Office at Washington }
Total General 3607.50 254 129

Military
File

Total B. & L. 32675.69 14993.40
Total Communications 15617 128 4274 113
Total Ammunition 117700 1010 89961 29

Total New Stocks 163794 210622 150

Repairs
Amputation

1 Repairing the Goddard's Amput 39800 19990 71 " " completed
2 " " 18965 " " 14908 910 completed
3 Amputation Canals and Drains 186902 2111 127979 12
4 Sinks 11398 59 11352 7 0

138291 117 154240 132

Grand Revenue 380

Net Total Amputation 138288 37 154240 132

Communications
Steamer

1 Working of Canada Harbor Bridge on the 6920 1395 114 " " " " completed
2 Working of Canada Harbor 5700 " " 5688 112 completed
Total Steamer 1395 114 5688 112

Hotel & House 14107 113 13982 124

Bridges 114 " " 170 87

Amputable Canals 2093 131 1013 09

16265 84 17066 63

Total Communications including Marine 17661 38 22750 15

Post Office
Post Office Administration

Revenue 1114 811 2340 71
Land and Miscellaneous 1114 811 2340 71
Total Revenue 1114 811 2340 71

P. W. 1871 Dept.

No 3945.
1871.

Board of Revenue,
MADRAS.

PROCEEDINGS, 14TH AUGUST 1871, No. 3,423.

Dep. 17 Aug 71
Received. 21 Aug 71 Encl. 2

AUGUST.

No. 3,423.

Public Works—executed in Godavery District during 1870-71.—Letters from Collector reporting on, and forwarding a Statement showing mileage, &c, of Imperial roads constructed or maintained during the year, submitted to Government, with remarks.

No 2243-2 Sept 71
in the order.

33151821
19/12
Commenced 1871
Sept 17/71
No 2243
17/12/71

17/12/71 - No 2243

C/No 3945

Govt. of Madras.

PUBLIC WORKS.

To The Chief Engineering Officer
1st Division

Date

Encl. 2

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2 Sept 1871 2243

Nos. 2243

Public Works - Ser. 1

2d Officer Submitting
Report of Collector of the
Madras District. P.W. Ser. 1
1870/71, Comd. W. H. M.
M. H. M. 1871.