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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. *280*
B.P. No.

Press
Mis.

Dated *1-2-* 18 *76*:

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
1st February 1876.

No 1 Read the following Proceedings of the Board of Revenue, dated 7th January 1876, No 31.—

From G D. LEMAN, Esq, Collector of the Kistna District, to H E STOKES, Esq, Acting Secretary to the Board of Revenue, dated Masulipatam, 18th November 1875, No 1,618.

I HAVE the honor to submit my Report for 1874-75 on the Public Works of the district

2 *Imperial*—The original allotment for works was Rupees 2,30,881 Subsequently an addition of Rupees 84,158 was added for repairs, Rupees 50,000 being required to repair the damage done by the Kistna floods of September last to the canals and the river embankments

3 *Eastern Delta—Extraordinary Works—Pulleru Project*—The first of the Extraordinary works that are in hand is the Pulleru Project, which consists of, *first*, the improvement of the Masulipatam Section of the Kistna Canal by widening it between Bezwada and Kankipul, and sloping down the first four miles of bank which was almost completed, *secondly*, of widening the Pulleru from Weyur to Marrwada, and making a regulating bridge at Panarru which were completed The whole estimate was Rupees 1,87,900 and the total expenditure Rupees 1,71,936, which leaves a balance of Rupees 16,964 This would have been spent and the work completed, but unfortunately a severe storm in May flooded the works, and while they were in this state the workmen dispersed and could not again be collected

4 *Extraordinary—Widening the head of Masulipatam Canal for 1,000 yards from the anicut to the head of the Ellore Branch*

	RS
Estimate	1,13,530
Allotment	28,327
Expenditure during the year	26,327
Total Expenditure	90,267
Balance	23,263

The wharf wall which is on the Bezwada side made fair progress.

5 The road from the anicut bridge to the Ellore bridge with its four tunnels was completed, as also the ramp which enables carts to be taken down close to the boats for loading, &c, and the road above it were completed The revetment on both sides has made fair progress, and materials for further work have been collected. More than this could not be done, as the coolies had to be drawn away to repair the damages on the irrigation channels occasioned by the floods of September

6 *Extraordinary—Ryves' Channel Project—Estimate Rupees 4,14,193*—The expenditure during the year amounted to Rupees 33,056, the allotment was Rupees 32,000, total expenditure up to the end of the year Rupees 2,90,999, balance Rupees 1,23,194

7 The sluice and bridge at the head of the new cut, mentioned in paragraph 12 of last year's report, have been completed all but the wooden shutters. The cut is also nearly completed

8 *Extraordinary—Constructing the Inampudi Tunnel at 29th Mile of Masulipatam Canal*—This was undertaken without sanction It had long been wanted, and the floods of September showed that its construction could not be delayed.

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The estimate is	RS
Allotment	19,000
Expenditure	10,000
Balance	7,930
	11,070

9 The canal was kept open for public convenience later than it was expected when the allotment was proposed, and the work could not be commenced till it was empty. There was not time to work out the whole of it.

10 *Western Delta—Extraordinary—Enlarging the head of the Main Canal from Setanagram to Duggirala*

The estimate	RS
Allotment	2,76,400
Expenditure	29,254
Total Expenditure	29,254
Balance	2,69,436
	6,964

This was fully worked out and good progress made. The work is completed save in the 1st mile.

11 On Extraordinary Works then the allotment was Rupees 1,12,226, of which Rupees 1,05,830 were expended, and the short expenditure is but Rs. 6,396. I consider it to be very good indeed, and it must be borne in mind that expenditure on repairs was also large, and being emergent had to be undertaken at the risk of other works being delayed.

12 The Ordinary works that were undertaken in the year were—

Make-shift Sluices in the Divi Division.

The Divi sluices, which had been nearly completed in the previous year, were damaged by the floods of September 1874, and were repaired at an expenditure of Rupees 690. I do not think any further attempt to keep them up should be made in ordinary freshes, they are no use, heavy ones carry them away.

13 The Perikadu bridge is completed, with the exception of the approaches.

14. *The Buddam Project*, estimated cost Rupees 46,420,* and the expenditure during the year is Rupees 6,000, i.e., the whole amount allotted. The project is for the better supply of the Buddam and Alluru lands in Repalli taluq, and is almost finished. The only work that remains to do is the strengthening the bank of the Aremanda channel, where it passes through the Sandole tank, for this there is still Rupees 1,320 of the estimate unspent.

15. Thirty new minor works and 260 repair works were executed in the two deltas.

16 *Upland Taluqs*—The Pedakancharla tank,* the only work budgetted under this head, was completed during the year. It was completed late in the season, and that was given as the reason why it was so little utilized by the ryots as it was. It is expected that they will avail themselves of its water largely this year.

* Estimate	RS
Allotment	26,610
Expenditure	5,563
Total Expenditure	5,473
	26,520

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17 One other new work,* viz, constructing an irrigation sluice to Vyacallu tank in Vinukonda taluq was undertaken, but the work having been given out on contract to the villagers was not finished. Some fifty-three tanks were repaired at an expenditure of Rupees 4,708.

18 A statement showing the financial result of the amcut channels is given below —

	Faslis	Area.	Revenue
		ACRES	RS
1283	..	197,866	9,02,262
1284	..	226,226	10,14,646
	Total ...	28,360	1,12,384

19 From the above it will be seen that there was an increase in wet cultivation to the extent of acres 28,360, paying a revenue of Rupees 1,12,384 in fash 1284. This is due both to the new occupation of wet lands and to the conversion of dry lands in occupation into wet. The entire extent of land irrigated, Government, Zemindari, and Inam, with assessment, water-tax, and quit-rent payable thereon is shown.

20 *Civil Buildings*—The only Civil Buildings made from Imperial Funds was the new Telegraph Office in the town of Masulipatam. It is built on the site of the former Sea Customs House which was blown down in the cyclone of 1864, and is near the native town.

	RS
Estimate	5,880
Allotment during the year	5,880
Expenditure	5,294

and the building having been finished with out-houses has been made over to the Telegraph Officer.

21 The unsuccessful result of Mr Vanstavern's search for coal in this district was recorded in G O, No 383, of 12th February 1875, Public Works Department.

22 *Provincial Civil Buildings*—

(1) The masonry works required for the 1st-class Taluq Cutcherry at Bezvada and all the road work are nearly finished, the roof work being in progress.

	RS
Estimate	17,540
Allotment during the year	2,595
Expenditure during the year	3,611
Total Expenditure	17,125

(2) The improvements required for the Mangalagiri Magistrate's Cutcherry, referred to in (10) paragraph 27 of last year's report, have been finished, save the construction of a cage for the treasury box, stamps, &c, and the building made over.

	RS
Estimate	3,460
Allotment	1,514
Expenditure during the year	1,790
Total Expenditure	3,456

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(3) The Bapatla Subsidiary Jail has been completed and handed over to the Revenue Department

Department					Rs.
Estimate	..	..	..	..	6,000
Allotment	.	.	.	..	3,056
Expenditure during the year	.	.	..	.	3,015
Total Expenditure	.	.	.	..	5,958

(4) The Subsidiary Jail at Repalle is nearly finished

Estimate	..	...	..	..	..	..	..	5,220
Allotment	..	...	..	..	..	..	..	2,800
Expenditure during the year	..	..	..	..	..	..	..	2,914
Total Expenditure	..	..	..	..	..	..	..	5,352

The walls require blue-washing and the floor asphalted. The dry earth store shed is in progress. The excess expenditure of Rupees 132 will be recovered from the sale proceeds of materials.

(5) The Guntoor Subsidiary Jail is quite complete and handed over to Revenue Department.

Estimate	...	..	.	..	..	4,810
Allotment		.	..	--	..	1,205
Expenditure	.		...		.	850
Total Expenditure	.				.	4,455

(6) The Subsidiary Jail at Gadhada is nearly completed. The wood-work requires to be fitted and the masonry work to be pointed.

	RS
Estimate	7,670
Allotment	5,170
Expenditure	4,699
Total Expenditure	7,137

(7) The Subsidiary Jail in the Collector's Cutcherry compound is completed and handed over to this department

									RS
Estimate		...	.	...	.	.	.	.	8,480
Allotment . . .	..	..	..	...	.	..	.	..	1,450
Expenditure . .	...	..	..	..	...	.	...	...	2,254
Total Expenditure		...							9,788

The District Engineer reports that the excess expenditure of Rupees 1,220 will be recovered from the brick manufacturers, and that the excess is within 5 per cent

(8.) Nothing was done to the District Jail at Guntoor, as the estimate referred in (9) paragraph 27 of last year's report was not sanctioned. The allotment made for improving the District Court was surrendered, as the Judge's proposal for a new building was not disposed of.

(9) With reference to paragraph 9 of the Board's Proceedings, No 3,334, dated 20th November 1874, it is to be observed that instead of a compound wall an earthen bank has been made round the school-house at Guntoor at an expenditure of Rupees 151.

23 Thirty-three Civil Buildings were repaired during the year

24 Certain improvements required for the 3rd Range Office at Guntoor were completed in the year at an expenditure of Rupees 805

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1st February 1876.*

25	The building intended for the use of the 5th and 6th Range Officers at Bezvada made fair progress.	R8 7,350
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Estimate	.. .	..	..	..	..	..	7,500
Allotment	. ..	.	..	.	.	..	5,500
Expenditure		..	..	..	..	..	5,509

The District Engineer reports that the building will be completed in a short time

26 *Police*—The Police Station-house at Masulipatam made over to the officers of the department who occupy it

Estimate	...	..	..	..	...	3,720
Allotment	.	.	..	.	..	106
Expenditure	..	..	...	..	...	106
Total Expenditure	.	..				3,748

27. *Local Funds*—The following roads were completed:—

1 Road from Fort to Colonel Anderson's Bridge in Masulipatam

- | | |
|----|--|
| 1 | Road from Fort to Chinnai |
| 2 | Do Vadali to Kankalur |
| 3 | Do. Vellatoor to Sandole. |
| 4. | Do. Jaggiapeta to Serumahammudpeta to join the Hyderabad road. |
| 5 | Do Guntoor to Sattenapalli. |
| 6 | Do. Narsarowpeta to Chinupalakaloor. |
| 7 | Do Chilakalurpeta to Nakarikallu |
| 8 | Do Masulipatam to Kottapalem |

28 The following were nearly finished —

1. Road from Nuzvid to Perikeed
2. Do. Kowtaram to Gudivada
3. Do. Iylur to Guntoor (Masulipatam portion)
4. Do. Voleru to Nizampatam
5. Do. Ibrampatam to Mylavaram
6. Standing road between Sandole and Bapat a.
- 7 The Great Northern Road
- 8 Road from Guntoor to Bapatla via Chebrole and Ponnur
- 9 Do. Inkoale to Channa Ganjam

29. The culverts on the Argole road were made at an expenditure of Rupees 5,399. The bridge at Kolakaloor, referred to in G O, No. 304, of 30th January 1873, is finished and open to traffic.

30 The following statement gives the number of miles of road maintained, &c., in this district during the year —

No of Roads.	Total length in Miles	No of Miles which have been main- tained in good order during the year	No of Miles of new road com- pleted during the year.	No of Miles under con- struction	No of Miles not yet com- menced.
	M F	M	M F	M F	M
55 " " "	711 6	555	41 7	117 0	23

31. There were no educational works undertaken during the year.

32 Under Sanitary and Miscellaneous were.—

- (1.) A channel to convey sweet water to the town of Nizampatam completed.
- (2.) A tank at Venkatakrishnapuram also completed.

33. As usual the greater portion of the allotment made for sanitary, &c, repairs was expended on road avenues

34. The statement called for in Board's Circular Memorandum, No. 1,678, dated 14th October 1874, is enclosed.

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1st February 1876.*

ENCLOSURE No 1—Statement.

SUBMITTED for the information of Government

2 The total expenditure from Imperial and Provincial Funds during the year under report amounted to Rupees 3,42,004 out of allotments aggregating Rs. 3,57,893 or 95 6 per cent, the expenditure in the previous year being Rupees 3,38,718 against a Budget allotment of Rupees 3,48,136 From Local Funds the outlay amounted to Rupees 2,07,127 against an allotment of Rupees 2,14,547 or 96 5 per cent, showing that available funds were utilized in a very satisfactory manner.

3. Under the head of Extraordinary works Rupees 1,05,830 were expended out of an allotment of Rupees 1,12,226. The Pulleru Project progressed and would have been completed but for a storm in May which delayed operations Only about Rupees 16,000 remain unspent out of an estimate amounting to Rupees 1,87,990. On four other Extraordinary works good progress seems to have been made.

4 Sundry ordinary Irrigation works in the delta and upland taluqs were attended to, the expenditure on repairs amounting to Rupees 1,57,689 out of an allotment of Rupees 1,59,600, which is very satisfactory

5 The outlay on Civil Buildings, New Works, was Rupees 9,388 from Imperial and Rupees 29,804 from Provincial Funds. The new Telegraph Office was completed during the year at a cost of Rupees 5,294. The Bezwada Taluq Cutcherry was nearly completed, and satisfactory progress made with several Subsidiary Jails, those at Bapatla, Guntoor, and that attached to the Collector's Cutcherry being completed and handed over

6 On Communications there was no expenditure from Imperial or Provincial Funds From Local Funds the outlay was Rupees 1,21,047 on New Works and Rupees 73,642 on Repairs With these funds 555 miles of road were maintained in good order, 42 miles of new road completed, and 117 miles were under construction.

7. The report shows satisfactory progress in Public Works.

(A true Copy and Extract)

(Signed)

C. A. GALTON,
Acting Sub-Secretary.

No 2.

ORDER THEREON, 1st February 1876, No 280.

ESTABLISHMENT, No 1

COMMUNICATED to the District Engineer, Kistna

(True Extract)

Major-General, R E,
Secretary to Government.

To the District Engineer, Kistna.
" Board of Revenue
" Revenue Department
" Chief Engineer for Irrigation.

Exd E. C Shunker

Spare Copies

Works and Rupees 73,642 on Repairs. With these funds 555 miles of road were maintained in good order, 42 miles of new road completed, and 117 miles were under construction

6 The report shows satisfactory progress in Public Works

(A true Copy and Extract.)

Acting Sub-Secretary,

To the Secretary to Government, Public Works Department,

with original statement, to be returned

Copy to the Collector of the Kistna District

.. to the Secretary to Government, Revenue Department

ENCLOSURE No 1 —Statement.

75 Dec 27/74 .. 3440
 112 = 76 1/2 / 75 .. 383.

Benjamin
1876
no. 702
1876.

**Board of Examiners,
MADRAS.**

PROCEEDINGS, 7TH JANUARY 1876, No 31

① 290279 and 176

Encl

Received 28 Jan'y. 176.

JANUARY
No 31

Public Works—executed in Kristna District during 1874-75.—Collector's report on —, reviewed and submitted for information of Government

ORDER THEREON, 1st February 1860, No. 400.

ESTABLISHMENT, No 1.

COMMUNICATED to the District
neer, Kistna

(True Extract)

Major-General, B
Secretary to Government.

To the District Engineer, Kistna.
 " Board of Revenue
 " Revenue Department
 " Chief Engineer for Irrigation

Exd E. C Shunker
Spare Copies

no. 708

Govt. of Madras.
PUBLIC WORKS.

To J. C. Kistna

4/1/75

D 11

I 11

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For

G. O. 1 Feb 1875, No.

Nos.

Public Works in Madras
District. — Memo of the
Board of Revenue sub-
mitting Collectors report
to — for 1874-75
communicated to the
District Engineer.