Public Works (1897) Department.

G.O., No. 2290 W

20th

DATED August 1897

[Despatch Abstract.]

Famine Relief Works Programme: Proc: Revenue Dept recording Boards Proc; reviewing the — of the Kalahasti Bt for 1897-98 Comfd & Dt. Hul & the Chief Engr for Inspn

J.C
2/8

[P.W. 25. 5,000—30-11-96.]

Indexed.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

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Public Works (1897) department

Current Number: 1770.

Government {1897} of Madras

REVENUE.

Recd. 5. 8. } 1897.
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Enclosures -

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G.O., No. 605, 21st July 1897.

No. 2290 W dt/20-8-97

Communicated to the S.E.I circle & to the Ch. E. for Info

JULY.

Ch

7/8/97

S.E.I circle Vizagapatam

Ch. E. for Periodical copy

B/PRs

Programme of Famine-relief works.

Recording Board's Proceedings reviewing the — of the Vizagapatam district for 1897-98.

23/8/97

O.C.S. 357/1291

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

Read—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 2nd July 1897, No. 482:—

Read—Statement of Programme of works available for Famine Relief during 1897-98 from the Collector of the Vizagapatam district, dated 29th March 1897, Dis. No. 1052.

Read—also the following letter from W. O. HORNE, Esq., Acting Collector of Vizagapatam, to the Famine Secretary, Board of Revenue, Madras, dated Vizagapatam, 3rd June 1897, R. C. No. 2122:—

With reference to paragraph 3 of Board's Proceedings, dated 10th May 1897, No. 352, I have the honour to report that active steps are in progress to carry out the orders of the Board and of Government therewith communicated.

2. I have consulted the Superintending Engineer of this circle as to the staff which will be required in his department in the event of serious famine being caused by the failure of the south-west monsoon. As the whole district would be affected, at least one large work, and in some cases, two, would be required in each taluk in the plains, and we consider that twenty overseers would be needed with a proportionate superior staff. Of course, in the event of total failure of the monsoon, the services of the Local Fund Overseers could be lent, which would reduce the number required for the Public Works Department by six. The list of tools sent with Board's Proceedings, dated 4th May 1897, No. 3113, shows no tools in this district, but I understand from the Executive Engineer that he has tools for about 20,000 workers. Tools for at least 100,000 will be required in the event now contemplated.

3. With regard to paymasters I could spare a taluk gumasta from each taluk for this work, and I think I should not be obliged to ask for extra hands for this particular work. Kitchen Superintendents, I could also procure locally.

4. All taluks are now being divided, and some have already been divided into circles for village relief, sites for poor houses are being fixed on, at one, per taluk, and villagewar lists are being prepared of persons who would probably become eligible for grain doles, those able to go to works and kitchens being excluded. These arrangements will, I hope, be completed in a week. At present the information is only partially to hand. I will report again about June 10, by which date also I shall be able to estimate the number of hands from outside the district required for Circle Inspectors, poor house Superintendents, &c. The existing district establishment affords but little margin to draw upon.

5. With regard to the Famine programme, I have not yet received the Board's review thereon, referred to in paragraph 3 of the Proceedings under reply, but I am painfully aware that my programme is utterly inadequate for any serious emergency.

Hitherto I do not think it was ever regarded very seriously and the required total to be spent on works was made up by all sorts of petty entries which served to swell it, but were utterly useless for practical purposes. I mean such entries, as repairs of drinking tanks at Rs. 200 or 300 each, wells at Rs. 10 to 50, clearing prickly-pear at so much per village and so forth. These works are, of course, of no use at all for the purposes of chapter VII of the Famine Code, and when work is wanted the only useful works on the programme are found to be (1) new roads for which perhaps the compensation for land to be acquired costs nearly as much as the construction, (2) useless and wasteful metal breaking and (3) digging drinking-water tanks which are in but few cases big enough to employ the number of people likely to require employment.

6. I have done what I can to reform the programme by adding new road schemes and omitting entries which were obviously only for show, but as eleven, out of my fourteen taluks, are zamindari, the works available are most limited, and there is no doubt that in a serious famine we should be driven to rely chiefly on the aforesaid metal breaking.

7. In the three Government taluks, the burden of providing large works ought to lie on the Public Works Department. In the Sarvasiddhi and Palkonda taluks there is ample scope for large schemes of irrigation if the subject is properly examined and I consider that in each of those taluks and Golgonda taluk the Public Works Department should prepare and keep ready at least one large scheme capable of employing 20,000 to 30,000 labourers for three or four months. The scheme should be approved too, because at present many of the works in the Public Works Department programme are condemned by the Superintending Engineer, and these objections ought to be made and rectified beforehand. I speak of large works because I do not doubt that in a serious famine we should have to abandon the idea of providing work within reach of the worker's homes and must concentrate labour, as, I believe, is done in the North-West Provinces.

Resolution—dated 2nd July 1897, No. 482.

The abstract of the programme of famine-relief works for 1897-98 received from the Collector of Vizagapatam will be submitted for the information of Government.

2. The programme contains provision for works as noted below:—

		Lakhs.
1. Irrigation works ...	New ...	0·82
	Repair ...	2·73
2. Roads	New ...	12·35
	Repair ...	2·70
3. Drinking water-supply ...		3·25
4. Miscellaneous		6·00
	Total ...	27·85

The total provision amounts to Rs. 27,84,640 and the works are estimated to provide employment for three months for 19 per cent. of the population of the district. The district consists of three Government taluks, eleven zamindaris and seven agency divisions. At present six of the taluks noted on the margin are reported to be affected. The provision made in each taluk or division distinguishing between the affected and non-affected tracts is shown in the subjoined statement:—

1. Chipurapalli.
2. Vizianagram.
3. Sringavarapukota.
4. Bimlipatam.
5. Vizagapatam.
6. Sarvasiddhi.

Taluks.	Population.	Number likely to receive relief (20 per cent.).	Provision required to be made for three months.	Provision made.	Percentage of population for whom this provision will suffice.
			Rs.	Rs.	
Affected.					
Chípurapalli	157,000	31,400	2,35,500	1,32,556	11·3
Vizianagram	167,000	33,400	2,50,500	3,40,146	27·2
Bimlipatam	115,000	23,000	1,72,500	1,11,294	12·9
Vizagapatam	96,000	19,200	1,44,000	5,56,220	77·3
Anakápalli	152,000	30,400	2,28,000	2,73,338	24·0
Sarvasiddhi	155,000	31,000	2,32,500	2,54,114	21·9
Total ..	842,000	168,400	12,63,000	16,67,668	26·4
Non-affected.					
Párvatípuram	109,000	21,800	1,63,500	69,454	8·5
Palkonda	208,000	41,600	3,12,000	1,45,080	9·3
Bobbili	129,000	25,800	1,93,500	1,53,520	15·9
Sálúru	83,000	16,600	1,24,500	66,845	10·7
Gajapatinagram	124,000	24,800	1,85,000	1,62,088	17·4
Sringavarapukóta	129,000	25,800	1,93,500	2,16,482	22·4
Viravalli	198,000	39,600	2,97,000	71,763	4·8
Golgonda	119,000	23,800	1,78,500	2,31,740	26·0
Total ..	1,099,000	219,800	16,48,500	11,16,972	13·6
Agency tracts.					
Rayaghada	90,000	18,000	1,35,000	1,07,500	15·9
Párvatípuram	40,000	8,000	60,000	64,200	21·3
Palkonda	11,000	2,200	16,500	1,000	1·2
Pottanghi	117,000	23,400	1,75,500	2,000	..
Koraput	74,000	14,800	1,11,000	10,000	1·8
Jeypore-Nowrangapuram	256,000	51,200	3,84,000	40,000	2·1
Golgonda	29,000	5,800	43,500	1,19,000	54·7
Total ..	617,000	123,400	9,25,500	3,43,700	7·4

It will be seen that Chípurapalli and Bimlipatam in the affected tracts and the whole of the non-affected tracts except Sringavarapukóta and Golgonda have not been adequately provided for.

3. The details of the provision made under the several classes of works are shown below :—

Taluks.	Irrigation works. Large. Sanctioned. Approximate cost. Number.	Irrigation works. Large. Sanctioned. Approximate cost. Amount.	Irrigation works. Large. Sanctioned. Estimates ready. Number.	Irrigation works. Large. Sanctioned. Estimates ready. Amount.	Irrigation works. Large. Not sanctioned. Approximate cost. Number.	Irrigation works. Large. Not sanctioned. Approximate cost. Amount.	Irrigation works. Large. Not sanctioned. Estimates ready. Number.	Irrigation works. Large. Not sanctioned. Estimates ready. Amount.	Irrigation works. Small. Approximate cost. Number.	Irrigation works. Small. Approximate cost. Amount.	Irrigation works. Small. Estimates ready. Number.	Irrigation works. Small. Estimates ready. Amount.	Roads. Sanctioned. Approximate cost. Number.	Roads. Sanctioned. Approximate cost. Amount.	Roads. Sanctioned. Estimates ready. Number.	Roads. Sanctioned. Estimates ready. Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Rs.				Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
Affected.																
Chípurapalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vizianagram	4	26,000	..	..	..	..	..	..	..	..	..	..	1	7,480	1	7,480
Bimlipatam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vizagapatam	..	..	..	..	..	..	..	..	..	..	..	..	1	7,480	1	7,480
Anakápalli	..	..	..	..	..	..	..	..	..	..	39	7,431	..	..	..	..
Sarvasiddhi	..	..	..	..	3	47,870	3	47,870	76	31,931	62	20,698	..	..	..	..
Total ..	4	26,000	..	..	3	47,870	3	47,870	138	52,629	101	28,129	1	7,480	1	7,480
Non-affected.																
Párvatípuram	..	..	..	..	..	..	..	..	70	7,500	..	..	..	..	..	..
Palkonda	..	..	..	..	..	..	..	..	520	70,030	..	..	..	..	..	..
Bobbili	..	..	..	..	..	..	..	..	8	15,000	..	..	..	..	..	..
Sálúru	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gajapatinagram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sringavarapukóta	..	..	..	..	..	..	..	..	15	4,900	14	10,070	1	5,725	1	5,725
Viravalli	..	..	..	..	..	..	..	..	69	1,03,270	14	61,020	1	33,980	1	33,980
Golgonda	..	..	..	..	..	..	..	..	672	2,00,700	14	61,020	1	28,320	3	68,025
Total ..	..	..	..	..	1	28,000	1	28,000	672	2,00,700	14	61,020	3	68,025	3	68,025
Agency tracts.																
Rayaghada	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Párvatípuram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Palkonda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pottanghi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Koraput	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jeypore-Nowrangapuram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Golgonda	..	..	..	..	..	..	..	..	..	..	..	..	1	10,000	1	10,000
Total ..	..	..	..	..	..	..	..	..	..	..	..	..	1	10,000	1	10,000

Taluks.	Miscellaneous works.																							
	Sanctioned.						Others.																	
	Approximate cost.		Estimates ready.				Approximate cost.				Estimates ready.													
	Number.	Amount.	Number.	Amount.	Estimates ready.		Number.	Amount.	Estimates ready.		Roads—*cont.*													
					Number.	Amount.			Number.	Amount.	Large—*cont.*													
											Not sanctioned.													
											Approximate cost.		Estimates ready.											
											Number.	Amount.	Number.	Amount.										
	26	27	28	29	30	31	32	33	24	25	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Affected.	Rs.			Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
Chipurapalli ..	..	..	..	..	10	2,309	10	2,309	1	6,856	9	1,18,891	2	40,891	5	11,356	1	6,856	..	..	..	..	..	..
Vizianagram ..	..	..	..	..	67	94,179	9	7,079	..	24,127	18	1,82,000	2	22,000	31	38,967	..	24,127	..	..	..	..	..	..
Bimlipatam ..	..	..	..	..	2	1,183	2	1,183	..	25,431	7	54,450	..	..	29	48,181	..	25,431	..	..	..	..	..	..
Vizagapatam ..	..	..	2	2,37,850	..	..	..	..	..	23,345	3	23,475	3	23,475	86	47,445	..	23,345	2	2,37,850	..	..	..	..
Anakápalli ..	..	..	..	..	85	2,47,450	1	1,98,200	..	21,632	7	69,595	2	21,595	63	55,022	..	21,632	..	..	..	..	..	..
Sarvasiddhi ..	..	..	..	..	127	1,16,280	..	88,455	..	11,096	8	96,690	4	44,190	14	23,946	10	11,096	..	..	..	..	..	..
Total ..	..	..	2	2,37,850	291	5,26,311	22	3,44,161	11	1,12,487	52	5,45,011	13	1,52,061	228	2,25,517	11	1,12,487	2	2,37,850	..	..	..	..
Non-affected.																								
Párvatipuram ..	..	..	..	..	62	1,400	61	1,000	7	11,687	3	40,467	1	18,267	10	20,087	7	11,687	..	..	..	..	..	..
Palkonda ..	..	..	..	..	15	5,930	15	6,930	..	12,470	5	40,150	1	9,150	15	28,370	..	12,470	..	..	..	..	..	..
Bobbili ..	..	..	..	..	2	9,700	1	700	3	5,500	4	1,32,820	1	24,820	6	11,000	3	5,500	..	..	..	..	..	..
Sálúru ..	..	..	..	..	23	3,000	..	..	..	10,845	3	34,000	..	..	6	14,845	..	10,845	..	..	..	..	..	..
Gajapatinagram ..	..	..	..	..	76	69,135	11	4,135	..	603	5	88,450	..	..	2	4,503	..	603	..	..	..	..	..	..
Sringavarapukóta ..	..	..	..	..	225	52,175	..	..	4	9,727	8	1,30,330	2	39,150	12	28,252	..	9,727	..	..	..	..	..	..
Viravalli ..	..	..	..	..	4	3,381	..	2,381	..	5,762	2	14,000	..	..	27	15,502	4	5,762	..	..	..	..	..	..
Golgonda ..	..	..	..	..	51	17,300	1	8,600	..	20,760	2	30,890	1	10,890	54	23,960	..	20,760	..	..	..	..	..	..
Total ..	..	..	..	..	458	1,62,021	89	22,746	14	77,154	32	5,11,107	6	1,02,277	132	1,47,119	14	77,154	..	..	..	..	..	..
Agency tracts.																								
Rayaghada ..	..	..	..	..	..	..	..	..	..	..	2	97,500	..	..	..	..	..	..	..	..	..	..	..	..
Parvatipuram ..	..	..	..	..	..	..	..	..	..	..	1	60,000	..	..	1	4,200	..	..	..	..	..	..	..	..
Palkonda ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1,000	..	..	..	..	..	..	..	..
Pottangbi ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2,000	..	..	..	..	..	..	..	..
Korapat ..	..	..	..	..	..	..	..	..	..	..	1	10,000	1	10,000	..	..	..	..	..	..	..	..	..	..
Jypore-Nowrangapuram ..	..	..	..	..	..	..	..	..	..	..	1	40,000	..	..	..	..	..	..	..	..	..	..	..	..
Golgonda ..	..	..	..	..	..	..	..	..	..	..	3	1,19,000	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	..	..	..	..	..	..	8	3,26,500	1	10,000	3	7,200	..	..	..	..	..	..	..	..

4. In Chípurapalli, the total provision made, Rs. 1,32,556, will suffice only for 11 per cent. of its population for three months. This sum, further, is made up of Rs. 1,30,247 provided for the construction and repair of fourteen roads and Rs. 2,309 for ten works designed to improve the supply of drinking water. Estimates are ready for the latter class of works; but, as regards roads, it is observed that none of them are sanctioned and that estimates are ready for only three of them costing Rs. 47,747. The preparation of the estimates for the remaining road works should be pushed on with vigour.

5. The total provision made in Vizianagram is adequate, but the works have mostly not been sanctioned, nor have estimates been prepared for many of them. A sum of Rs. 25,000 is put down for the construction of four irrigation works belonging to the Vizianagram zamindari. These are said to be sanctioned works from which it is presumed that they were sanctioned by the late Maharaja. Fifteen roads are proposed to be repaired at a cost of Rs. 46,891 and estimates are ready except for Rs. 5,930 to be sanctioned by the municipality for repairing four roads and drains. Rs. 1,74,076 are provided for the construction of 23 new roads. None of these works have been sanctioned nor are estimates ready except for a small sum of Rs. 5,166. Rs. 26,179 are proposed to be spent on the improvement of the drinking-water supply, but estimates are ready for only Rs. 7,079. It is shown that in addition to the provision noticed above, a sum of Rs. 1,50,000 may be spent on earthwork of the drinking-water project in Vizianagram municipality, but the project has not yet been investigated.

6. In Bimlipatam provision has been made for only 13 per cent. of the population and the bulk of the amount is proposed to be spent on the construction of fifteen new roads, of which only one, costing Rs. 7,480, has yet been brought under sanction, and for only one other, costing Rs. 2,836, has an estimate been prepared.

7. Twenty-four per cent. of the population in Anakápalli have been provided for, but over 40 per cent. of the provision consists of expenditure on miscellaneous works such as, the repair of drinking-water tanks and improvement of village-sites; and nearly 30 per cent. on the construction of new roads for most of which, estimates have not yet been prepared. No road work has yet been brought on the sanctioned list.

8. For Sarvasiddhi, a sufficient number of works has been entered in the programme. Out of a total provision of $2\frac{1}{2}$ lakhs, nearly 2 lakhs are proposed to be spent on road and irrigation works, but not a single large work under these heads has yet been brought under sanction. Estimates have, however, been prepared for more than a lakh. The Collector should lose no time in bringing large works under sanction. The details of the provision for irrigation works entered in form A (statement I) cannot be reconciled with particulars shown in statement II. This should be explained. It appears from the latter statement that, out of 112 works requiring repair, provision has been made for only 26. This is very inadequate and the programme requires considerable amplification under this head in communication with the Public Works Department. No effort should be spared to provide for works on which large sums can be profitably spent.

9. In Sringavarupukóta, provision has been made for 22 per cent. of the population. The sum provided is Rs. 2,16,482, of which nearly one-fourth is proposed to be spent on petty works, such as, improvement of village-sites, and sources of drinking-water supply, and the rest almost wholly on the construction of new roads. None of these have been brought under sanction and the estimates are ready for only a small amount.

10. In Golgonda taluk, the provision made would suffice for upwards of 25 per cent. of the population. Estimates are also ready for a large number of works. It is noted, however, that the repair of 19 works under Public Works Department has not been provided for.

11. Out of a provision of $5\frac{1}{2}$ lakhs for the Vizagapatam taluk, $4\frac{3}{4}$ lakhs are proposed to be spent on miscellaneous works, the chief of which are the following :—

	Rs.
(*a*) Earthwork in the Vizagapatam swamp connected with the harbour project	1,93,200
(*b*) Earthwork for the Hanumanthavaka water project	77,640
(*c*) Reclamation of the swamp between the railway and the town.	1,60,210
Total ...	4,31,050

Works (*b*) and (*c*) have been sanctioned and estimates are ready for (*a*).

12. In the remaining taluks the provision made is very inadequate; although these are unaffected at present, it is very necessary that the district officers should be ready with schemes of relief in all of them to meet emergencies. It is observed that no proposal is made to repair 41 tanks in Palkonda in charge of the Public Works Department although they are reported to be out of repair.

13. The reason for the omission of forest-fencing works, in the programme, is not explained.

14. It is observed that the Collector has made an additional provision of Rupees 3,43,700 for twelve road works in the Agency tracts of the district, but estimates are ready for only two roads at a cost of Rs. 20,000.

15. No provision is made under loans works in any of the taluks. It should be reported whether there is no scope for this kind of relief in any part of the district.

16. Owing to the fact that most of the taluks in the district are zamindari, the works available for famine relief are limited; the provision made in the Government taluks should however be enlarged by the addition of more "large works" and the necessary steps in this direction should be taken by the Public Works Department.

(True Copy and Extract.)

(Signed) L. E. BUCKLEY,
Famine Secretary.

To the Secretary to Government, Revenue Department.
Copy to the Collector of Vizagapatam.

[Appendix.

APPENDIX.

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98.

Talaks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months. Class of work.	Numbers provided for on.	Total per cent. of population.	Road works. New. Number.	Road works. New. Miles.	Road works. New. Amount.	Forest-fencing works. Number.	Forest-fencing works. Amount.	Irrigation works. New. Number.	Irrigation works. New. Amount.	Irrigation works. Repairs. Number.	Irrigation works. Repairs. Amount.	Number of persons employed on.	Total amount.
1	2	3	4	5	6	13	14	15	11	12	7	8	9	10		
								Rs.						Rs.		
I. Párvatipuram.	1,09,000	21,800	Large— Sanctioned	5,395		..	..	..	..	..	..	..	..	..		
			Not sanctioned	3,865		3	7½	40,467								
			Small			3		8,500					70	7,500		
			Total ..	9,260	8·49	6	20½	48,967					70	7,500		
II. Palkonda ..	2,08,000	41,600	Large— Sanctioned	5,353		..	..	..	..	..	..	..	..	..		
			Not sanctioned	13,991		4	22¼	31,000					520	70,030		
			Small			12		20,051								
			Total ..	19,344	9·30	16	48½	51,051					520	70,030		
III. Bobbili ..	1,29,000	25,800	Large— Sanctioned	17,709		..	..	..	..	..	..	..	..	..		
			Not sanctioned	2,760		4	2½	1,32,820								
			Small			3		5,500								
			Total ..	20,469	15·86	7	47½	1,38,320								
IV. Sálúra ..	93,000	16,600	Large— Sanctioned	4,653		..	..	..	..	..	..	..	..	..		
			Not sanctioned	4,379		2	½	34,000								
			Small			1		1,000								
			Total ..	8,912	10·73	3	18½	35,000								
V. Gajapatinagram.	1,24,000	24,800	Large— Sanctioned	11,793		..	..	..	..	..	..	..	..	..		
			Not sanctioned	9,818		5	62	88,450								
			Small			2	4½	4,503								
			Total ..	21,611	17·42	7	66½	92,953								

Abstract of programme of relief works in the Vizagapatam district for the year 1897–98—*cont.*

Taluks.	Road works—*cont.*		Miscellaneous works.						Grand total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
I. Párvatípuram	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	3	40,467	1	18,267
	7	11,587	62	1,400	..	..	62	1,400	142	28,987	68	12,587
Total ..	7	11,587	62	1,400	..	..	62	1,400	145	69,454	69	30,854
II. Palkonda	..	..	..	..	..	..	..	..	..	..	..	..
	1	9,150	..	..	..	..	..	..	5	40,150	..	..
	3	8,919	15	5,930	..	..	15	5,930	550	1,04,930	75	69,350
Total ..	4	18,069	15	5,930	..	..	15	5,930	555	1,45,080	75	69,350
III. Bobbili	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	4	1,32,820	1	24,820
	3	5,500	6	3,700	65	6,000	71	9,700	77	20,700	4	6,200
Total ..	3	5,500	6	3,700	65	6,000	71	9,700	81	1,53,520	5	31,020
V. Sálúru	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	2	34,000	..	..
	5	13,845	10	2,100	13	900	23	3,000	37	32,845	4	10,845
Total ..	5	13,845	10	2,100	13	900	23	3,000	39	66,845	4	10,845
V. Gajapatinagram	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	5	88,450	..	..
	..	..	76	69,135	..	..	76	69,135	78	73,638	12	4,638
Total ..	..	..	76	69,135	..	..	76	69,135	83	1,62,088	12	4,638

Abstract of programme of relief works in the Vizagapatam district for the year 1897–98—*cont.*

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
						New.		Repairs.				New.		
			Class of work.	Numbers provided for on	Total percentage of population.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Rs.							Rs.
VI. Chípurapalli.	157,000	31,400	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	77	..
			Not sanctioned	15,852		..	..	..	..	..	..	7	..	1,12,791
			Small	1,822		..	..	..	..	..	..	2	8	4,500
			Total ..	17,674	11·25	..	..	..	..	..	..	9	85	1,17,291
VII. Vizianagram.	167,000	33,400	Large—											
			Sanctioned	3,333		4	25,000	..	..	..	..	..	..	..
			Not sanctioned	33,333		..	..	..	..	..	..	16	120	1,60,000
			Small	8,686		..	..	..	..	..	..	7	18	14,076
			Total ..	45,352	27·15	4	25,000	..	..	..	..	23	138	1,74,076
VIII. Sringavarapukota.	129,000	25,800	Large—											
			Sanctioned	763		..	..	..	..	..	..	..	..	..
			Not sanctioned	17,377		..	..	..	..	..	..	7	73	1,23,840
			Small	10,724		..	..	..	..	..	..	8	49	23,605
			Total ..	28,864	22·37	..	..	..	..	..	..	15	122	1,47,445
IX. Bimlipatam.	115,000	23,000	Large—											
			Sanctioned	997		..	..	..	..	..	..	1	10	7,480
			Not sanctioned	7,260		..	..	..	..	..	..	7	54	54,450
			Small	6,582		..	..	..	..	..	..	7	22½	20,336
			Total ..	14,839	12·90	..	..	..	..	..	..	15	86½	82,266
X. Vizagapatam.	96,000	19,200	Large—											
			Sanctioned	31,713		..	..	..	..	..	..	..	..	..
			Not sanctioned	28,890		..	..	..	..	..	..	2	9½	17,700
			Small	13,559		..	..	..	..	..	..	69	66⅔	38,820
			Total ..	74,162	77·25	..	..	..	..	..	..	71	76	56,520

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.*		Miscellaneous works.						Grand total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
VI. Chipurapalli	..	..	..	..	..	..	..	..	..	..	..	..
	1	6,100	..	..	..	..	..	..	8	1,18,891	2	40,891
	3	6,856	10	2,309	..	..	10	2,309	15	13,665	13	9,165
Total ..	4	12,956	10	2,309	..	..	10	2,309	23	1,32,556	15	50,056
VII. Vizianagram	..	..	..	..	..	..	..	..	4	25,000	4	25,000
	2	22,000	..	..	1	68,000	1	68,000	19	2,50,000	2	22,000
	13	24,891	61	26,179	..	..	61	26,179	81	65,146	21	31,206
Total ..	15	46,891	61	26,179	1	68,000	62	94,179	104	3,40,146	27	78,206
VIII. Sringavarapukota ..	1	5,725	..	..	..	..	..	..	1	5,725	1	5,725
	1	6,490	..	..	..	..	..	..	8	1,30,330	2	39,150
	4	4,647	111	11,675	115	40,500	226	52,175	238	80,427	6	9,727
Total ..	6	16,862	111	11,675	115	40,500	226	52,175	247	2,16,482	9	54,602
IX. Bimlipatam	..	..	..	..	..	..	..	..	1	7,480	1	7,480
	..	..	..	..	..	..	..	..	7	54,450	..	..
	22	27,845	2	1,183	..	..	2	1,183	31	49,364	12	26,614
Total ..	22	27,845	2	1,183	..	..	2	1,183	39	1,11,294	13	34,094
X. Vizagapatam	..	..	..	..	2	2,37,850	2	2,37,850	2	2,37,850	2	2,37,850
	1	5,775	..	..	1	1,93,200	1	1,93,200	4	2,16,675	4	2,16,675
	17	8,625	113	14,250	175	40,000	288	54,250	374	1,01,695	65	23,345
Total ..	18	14,400	113	14,250	178	4,71,050	291	4,85,300	380	5,56,220	71	4,77,870

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
						New.		Repairs.				New.		
			Class of work.	Numbers provided for on.	Total per centage of population.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Rs.		Rs.					Rs.
XI. Viravilli ..	198,000	39,600	Large—											
			Sanctioned	4,531	..	..	..	..	..	..	..	1	12	33,980
			Not sanctioned	1,867	..	..	..	..	..	..	..	2	20	14,000
			Small	3,171	..	..	..	15	4,900	..	..	8	32	9,740
			Total ..	9,569	4·83	..	..	15	4,900	..	..	11	64	57,720
XII. Anakápalli.	152,000	30,400	Large—											
			Sanctioned	..	..	..	..	..	..	..	..	..	..	..
			Not sanctioned	12,551	..	..	..	..	..	..	..	4	37	38,000
			Small	23,894	..	9	8,100	67	23,831	..	..	55	70	42,634
			Total ..	36,445	23·98	9	8,100	67	23,831	..	..	59	107	80,634
XIII. Sarvasiddhi.	155,000	31,000	Large—											
			Sanctioned	..	..	..	..	..	..	..	..	..	..	..
			Not sanctioned	19,941	..	2	36,000	1	11,870	..	..	7	48	80,520
			Small	13,941	..	25	2,348	72	18,350	..	..	4	9	12,850
			Total ..	33,882	21·86	27	38,348	73	30,220	..	..	11	57	93,370
XIV. Golgonda ..	119,000	23,800	Large—											
			Sanctioned	3,746	..	..	..	..	..	..	..	1	9	28,320
			Not sanctioned	7,852	..	..	..	1	28,000	..	..	1	8	20,000
			Small	19,271	..	14	10,070	45	93,200	..	..	10	47	10,800
			Total ..	30,869	25·96	14	10,070	46	1,21,200	..	..	12	64	59,120
District Total ..	1,941,000	388,200	Large—											
			Sanctioned	45,114	..	4	25,000	..	..	..	..	3	31	69,780
			Not sanctioned	189,708	..	2	36,000	2	39,870	..	..	71	610½	9,48,038
			Small	136,463	..	48	20,518	797	2,32,811	..	..	191	359 3/6	2,16,915
			Grand Total ..	371,285	19·12	54	81,518	799	2,72,681	..	..	265	1,000 33/36	12,34,733

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.*		Miscellaneous works.						Grand total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
XI. Viravilli	..	..	..	..	..	..	..	..	1	33,980	1	33,980
	..	..	..	..	..	..	..	..	2	14,000	..	..
	4	5,762	4	3,381	..	..	4	3,381	31	23,783	7	8,143
Total ..	4	5,762	4	3,381	..	..	4	3,381	34	71,763	8	42,123
XII. Anakápalli	..	..	..	..	..	..	..	..	..	..	..	..
	3	31,505	4	24,625	..	..	4	24,625	11	94,130	5	41,130
	8	12,988	65	78,330	16	13,325	81	91,655	220	1,79,208	101	97,893
Total ..	11	44,493	69	1,02,955	16	13,325	85	1,16,280	231	2,73,338	106	1,39,023
XIII. Sarvasiddhi	..	..	..	..	..	..	..	..	..	..	..	..
	1	16,170	1	5,000	..	..	1	5,000	12	1,49,560	7	92,060
	10	11,096	126	59,910	..	..	126	59,910	237	1,04,554	189	83,729
Total ..	11	27,266	127	64,910	..	..	127	64,910	249	2,54,114	196	1,75,789
XIV. Golgonda	..	..	..	..	..	..	..	..	1	28,320	1	28,320
	1	10,890	..	..	..	..	..	..	3	58,890	2	38,890
	7	13,160	50	16,300	1	1,000	51	17,300	127	1,44,530	69	39,430
Total ..	8	24,050	50	16,300	1	1,000	51	17,300	131	2,31,740	72	1,06,640
District Total	1	5,725	..	..	2	2,37,850	2	2,37,850	10	3,38,355	6	3,13,355
	11	1,08,080	5	29,625	2	2,61,200	7	2,90,825	93	14,22,813	26	5,43,033
	106	1,55,721	711	2,95,782	385	1,01,725	1,096	3,97,507	2,238	10,23,472	646	4,32,872
Grand Total ..	118	2,69,526	716	3,25,407	389	6,00,775	1,105	9,26,182	2,341	27,84,640	678	12, 89,260

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
			Class of work.	Numbers provided for on.	Total per cent. of population.	New.		Repairs.				New.		
						Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AGENCY TRACTS.														
I. Rayaghada ..	90,000	18,000	Large—											
			Sanctioned	1,333		..	..	..	..	..	..	..	..	..
			Not sanctioned	13,000		..	..	..	..	..	..	..	..	..
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	14,333	15·92	..	..	..	..	..	..	..	..	..
II. Párvatipuram.	40,000	8,000	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	8,000		..	..	..	..	..	..	..	..	..
			Small	560		..	..	..	..	..	..	..	..	..
			Total ..	8,560	21·25	..	..	..	..	..	..	..	..	..
III. Palkonda ..	11,000	2,200	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	..		..	..	..	..	..	..	..	..	..
			Small	133		..	..	..	..	..	..	..	..	..
			Total ..	133	1·20	..	..	..	..	..	..	..	..	..
IV. Pottanghi ..	1,17,000	23,400	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	..		..	..	..	..	..	..	..	..	..
			Small	266		..	..	..	..	..	..	..	..	..
			Total ..	266	·02	..	..	..	..	..	..	..	..	..
V. Koraput ..	74,000	14,800	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	1,333		..	..	..	..	..	..	..	..	..
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	1,333	1·80	..	..	..	..	..	..	..	..	..

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.*		Miscellaneous works.						Grand Total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
AGENCY TRACTS—*cont.*		Rs.								Rs.		Rs.
I. Rayaghada	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000
	2	97,500	..	..	..	..	..	..	2	97,500	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	3	1,07,500	..	..	..	..	..	..	3	1,07,500	1	10,000
II. Párvatípuram	..	..	..	..	..	..	..	..	..	..	..	..
	1	60,000	..	..	..	..	..	..	1	60,000	..	..
	1	4,200	..	..	..	..	..	..	1	4,200	..	..
Total ..	2	64,200	..	..	..	..	..	..	2	64,200	..	..
III. Palkonda	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	1	1,000	..	..	..	..	..	..	1	1,000	..	..
Total ..	1	1,000	..	..	..	..	..	..	1	1,000	..	..
IV. Pottanghi	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	1	2,000	..	..	..	..	..	..	1	2,000	..	..
Total ..	1	2,000	..	..	..	..	..	..	1	2,000	..	..
V. Koraput	..	..	..	..	..	..	..	..	..	..	..	..
	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
						New.		Repairs.				New.		
			Class of work.	Number provided for.	Total per cent. of population	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AGENCY TRACTS—*cont.*							Rs.		Rs.		Rs.			Rs.
VI. Jeypore and VII. Nowrangapuram.	2,56,000	51,200	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	5,333		..	..	..	..	..	..	..	..	..
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	5,333	2·08	..	..	..	..	..	..	..	..	..
VIII. Golgonda ..	29,000	5,800	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	15,866		..	..	..	..	..	..	2	..	47,000
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	15,866	54·71	..	..	..	..	..	..	2	..	47,000
Total of Agency tracts.	6,17,000	1,23,400	Large—											
			Sanctioned	1,333		..	..	..	..	..	..	..	..	..
			Not sanctioned	43,533		..	..	..	..	..	..	2	..	47,000
			Small	960		..	..	..	..	..	..	..	..	..
			Grand Total ..	45,826	7·42	..	..	..	..	..	..	2	..	47,000

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.*		Miscellaneous works.						Grand total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
AGENCY TRACTS—*cont.*		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
VI. Jeypore and VII. Nowrangapuram.	..	..	..	..	..	..	..	..	..	..	..	..
	1	40,000	..	..	..	..	..	..	1	40,000	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	40,000	..	..	..	..	..	..	1	40,000	..	..
VIII. Golgonda	..	..	..	..	..	..	..	..	..	..	..	..
	1	72,000	..	..	..	..	..	..	3	1,19,000	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	72,000	..	..	..	..	..	..	3	1,19,000	..	..
Total of Agency tracts *	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000
	6	2,79,500	..	..	..	..	..	..	8	3,26,500	1	10,000
	3	7,200	..	..	..	..	..	..	3	7,200	..	..
Grand Total ..	10	2,96,700	..	..	..	..	..	..	12	3,43,700	2	20,000

* The provision made in the taluks of Párvatipuram, Palkonda, Bobbili, Sálúru, Gajapatinagram, Chipurapalli, Bimlipatam and Viravilli is far below the prescribed minimum. The attention of the President, District Board, has been invited to this fact and he has been requested to direct the Presidents of Taluk Boards concerned to amplify the existing provision in their respective taluks as far as practicable.

Order—No. 605, Revenue, dated 21st July 1897.

Miscellaneous.

Recorded.

(True Extract.)

for Sg. Secretary to Government.

To the Board of Revenue (Revenue Settlement, Land Records and Agriculture).
,, the Public Works Department.
,, the Local and Municipal Department.

Rd. Shaik Karim.

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JULY.

Programme of Famine-relief works.

Recording Board's Proceedings reviewing the — of the Vizagapatam district for 1897-98.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

Read—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 2nd July 1897, No. 482:—

Read—Statement of Programme of works available for Famine Relief during 1897–98 from the Collector of the Vizagapatam district, dated 29th March 1897, Dis. No. 1052.

Read—also the following letter from W. O. HORNE, Esq., Acting Collector of Vizagapatam, to the Famine Secretary, Board of Revenue, Madras, dated Vizagapatam, 3rd June 1897, R. C. No. 2122:—

With reference to paragraph 3 of Board's Proceedings, dated 10th May 1897, No. 352, I have the honour to report that active steps are in progress to carry out the orders of the Board and of Government therewith communicated.

2. I have consulted the Superintending Engineer of this circle as to the staff which will be required in his department in the event of serious famine being caused by the failure of the south-west monsoon. As the whole district would be affected, at least one large work, and in some cases, two, would be required in each taluk in the plains, and we consider that twenty overseers would be needed with a proportionate superior staff. Of course, in the event of total failure of the monsoon, the services of the Local Fund Overseers could be lent, which would reduce the number required for the Public Works Department by six. The list of tools sent with Board's Proceedings, dated 4th May 1897, No. 3113, shows no tools in this district, but I understand from the Executive Engineer that he has tools for about 20,000 workers. Tools for at least 100,000 will be required in the event now contemplated.

3. With regard to paymasters I could spare a taluk gumasta from each taluk for this work, and I think I should not be obliged to ask for extra hands for this particular work. Kitchen Superintendents, I could also procure locally.

4. All taluks are now being divided, and some have already been divided into circles for village relief, sites for poor houses are being fixed on, at one, per taluk, and villagewar lists are being prepared of persons who would probably become eligible for grain doles, those able to go to works and kitchens being excluded. These arrangements will, I hope, be completed in a week. At present the information is only partially to hand. I will report again about June 10, by which date also I shall be able to estimate the number of hands from outside the district required for Circle Inspectors, poor house Superintendents, &c. The existing district establishment affords but little margin to draw upon.

5. With regard to the Famine programme, I have not yet received the Board's review thereon, referred to in paragraph 3 of the Proceedings under reply, but I am painfully aware that my programme is utterly inadequate for any serious emergency.

Hitherto I do not think it was ever regarded very seriously and the required total to be spent on works was made up by all sorts of petty entries which served to swell it, but were utterly useless for practical purposes. I mean such entries, as repairs of drinking tanks at Rs. 200 or 300 each, wells at Rs. 10 to 50, clearing prickly-pear at so much per village and so forth. These works are, of course, of no use at all for the purposes of chapter VII of the Famine Code, and when work is wanted the only useful works on the programme are found to be (1) new roads for which perhaps the compensation for land to be acquired costs nearly as much as the construction, (2) useless and wasteful metal breaking and (3) digging drinking-water tanks which are in but few cases big enough to employ the number of people likely to require employment.

6. I have done what I can to reform the programme by adding new road schemes and omitting entries which were obviously only for show, but as eleven, out of my fourteen taluks, are zamindari, the works available are most limited, and there is no doubt that in a serious famine we should be driven to rely chiefly on the aforesaid metal breaking.

7. In the three Government taluks, the burden of providing large works ought to lie on the Public Works Department. In the Sarvasiddhi and Palkonda taluks there is ample scope for large schemes of irrigation if the subject is properly examined and I consider that in each of those taluks and Golgonda taluk the Public Works Department should prepare and keep ready at least one large scheme capable of employing 20,000 to 30,000 labourers for three or four months. The scheme should be approved too, because at present many of the works in the Public Works Department programme are condemned by the Superintending Engineer, and these objections ought to be made and rectified beforehand. I speak of large works because I do not doubt that in a serious famine we should have to abandon the idea of providing work within reach of the worker's homes and must concentrate labour, as, I believe, is done in the North-West Provinces.

Resolution—dated 2nd July 1897, No. 482.

The abstract of the programme of famine-relief works for 1897–98 received from the Collector of Vizagapatam will be submitted for the information of Government.

2. The programme contains provision for works as noted below:—

		Lakhs.
1. Irrigation works ...	New ...	0·82
	Repair ...	2·73
2. Roads	New ...	12·35
	Repair ...	2·70
3. Drinking water-supply ...		3·25
4. Miscellaneous		6·00
	Total ...	27·85

The total provision amounts to Rs. 27,84,640 and the works are estimated to provide employment for three months for 19 per cent. of the population of the district. The district consists of three Government taluks, eleven zamindaris and seven agency divisions. At present six of the taluks noted on the margin are reported to be affected. The provision made in each taluk or division distinguishing between the affected and non-affected tracts is shown in the subjoined statement:—

1. Chipurapalli.
2. Vizianagram.
3. Sringavarapukota.
4. Bimlipatam.
5. Vizagapatam.
6. Sarvasiddhi.

Taluks.	Population.	Number likely to receive relief (20 per cent.).	Provision required to be made for three months.	Provision made.	Percentage of population for whom this provision will suffice.
			Rs.	Rs.	
Affected.					
Chípurapalli	157,000	31,400	2,35,500	1,32,556	11·3
Vizianagram	167,000	33,400	2,50,500	3,40,146	27·2
Bimlipatam	115,000	23,000	1,72,500	1,11,294	12·9
Vizagapatam	96,000	19,200	1,44,000	5,56,220	77·3
Anakápalli	152,000	30,400	2,28,000	2,73,338	24·0
Sarvasiddhi	155,000	31,000	2,32,500	2,54,114	21·9
Total ..	842,000	168,400	12,63,000	16,67,668	26·4
Non-affected.					
Párvatípuram	109,000	21,800	1,63,500	69,454	8·5
Palkonda	208,000	41,600	3,12,000	1,45,080	9·3
Bobbili	129,000	25,800	1,93,500	1,53,520	15·9
Sáluru	83,000	16,600	1,24,500	66,845	10·7
Gajapatinagram	124,000	24,800	1,86,000	1,62,088	17·4
Sringavarapukóta	129,000	25,800	1,93,500	2,16,482	22·4
Viravalli	198,000	39,600	2,97,000	71,763	4·8
Golgonda	119,000	23,800	1,78,500	2,31,740	26·0
Total ..	1,099,000	219,800	16,48,500	11,16,972	13·6
Agency tracts.					
Rayaghada	90,000	18,000	1,35,000	1,07,500	15·9
Párvatípuram	40,000	8,000	60,000	64,200	21·3
Palkonda	11,000	2,200	16,500	1,000	1·2
Pottanghi	117,000	23,400	1,75,500	2,000	..
Koraput	74,000	14,800	1,11,000	10,000	1·8
Jeypore-Nowrangapuram	256,000	51,200	3,84,000	40,000	2·1
Golgonda	29,000	5,800	43,500	1,19,000	54·7
Total ..	617,000	123,400	9,25,500	3,43,700	7·4

It will be seen that Chípurapalli and Bimlipatam in the affected tracts and the whole of the non-affected tracts except Sringavarapukóta and Golgonda have not been adequately provided for.

3. The details of the provision made under the several classes of works are shown below :—

Taluks.	Roads.																							
	Irrigation works.																							
	Large.								Small.															
	Sanctioned.				Not sanctioned.				Sanctioned.				Not sanctioned.				Estimates ready.							
	Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17								
		Rs.				Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.						
Affected.																								
Chípurapalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Vizianagram	4	25,000	..	..	3	47,870	..	..	..	..	..	..	1	28,000	..	..	1	7,480						
Bimlipatam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	7,480						
Vizagapatam	..	..	..	..	..	..	..	..	76	31,931	39	7,431	..	..	..	..	..	..						
Anakápalli	..	..	..	..	..	..	..	..	62	20,698	62	20,698	..	..	..	..	..	..						
Sarvasiddhi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	7,480						
Total ..	4	25,000	..	..	3	47,870	..	..	138	52,629	101	28,129	1	28,000	1	7,480	3	68,025						
Non-affected.																								
Párvatípuram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Palkonda	..	..	..	..	..	..	..	..	70	7,500	..	..	..	..	..	..	..	..						
Bobbili	..	..	..	..	..	..	..	..	520	70,030	..	50,950	..	..	..	..	..	..						
Sáluru	..	..	..	..	..	..	..	..	8	15,000	..	..	..	..	..	..	..	..						
Gajapatinagram ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Sringavarapukóta ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Viravalli	..	..	..	..	..	..	..	..	15	4,900	..	..	..	..	..	..	1	5,725						
Golgonda	..	..	..	..	1	28,000	..	..	59	1,03,270	14	10,070	..	..	..	..	1	33,980						
Total ..	..	..	..	..	1	28,000	..	..	672	2,00,700	14	61,020	..	..	..	..	1	28,320						
Agency tracts.																								
Rayaghada	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Párvatípuram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Palkonda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Pottanghi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Koraput	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Jeypore-Nowrangapuram ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Golgonda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	10,000						
Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	10,000						

Taluks.	Roads—*cont.*								Miscellaneous works.							
	Large—*cont.*				Small.				Sanctioned.				Others.			
	Not sanctioned.															
	Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Affected.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
Chípurapalli	9	1,18,891	2	40,891	5	11,356	1	6,856	..	..	..	..	10	2,309	10	2,309
Vizianagram	18	1,82,000	2	22,000	31	38,967	..	24,127	..	..	..	..	67	94,179	9	7,079
Bimlipatam	7	54,450	..	..	29	48,181	..	25,431	..	..	..	..	2	1,183	2	1,183
Vizagapatam	3	23,475	3	23,475	86	47,445	..	23,345	2	2,37,850	2	2,37,850	..	2,47,450	1	1,93,200
Anakápalli	7	69,505	2	21,505	63	55,622	..	21,632	..	..	..	..	85	1,16,280	..	88,455
Sarvasiddhi	8	96,690	4	44,190	14	23,946	10	11,096	..	..	..	..	127	64,910	..	51,935
Total ..	52	5,45,011	13	1,52,061	228	2,25,517	11	1,12,487	2	2,37,850	2	2,37,850	291	5,26,311	22	3,44,161
Non-affected.																
Párvatípuram	3	40,467	1	18,267	10	20,087	7	11,587	..	..	..	..	62	1,400	61	1,000
Palkonda	5	40,150	1	9,150	15	28,970	..	12,470	..	..	..	..	15	5,930	15	5,930
Bobbili	4	1,32,820	1	24,820	6	11,000	3	5,500	..	..	..	..	2	9,700	1	700
Sálúru	3	34,000	..	..	6	14,845	..	10,845	..	..	..	..	23	3,000	..	..
Gajapatinagram	5	88,450	..	..	2	4,503	..	503	..	..	..	..	76	69,135	11	4,135
Sringavarapukota	8	1,30,330	2	39,150	12	28,252	..	9,727	..	..	..	..	225	52,175	..	..
Viravalli	2	14,000	..	..	27	15,502	4	5,762	..	..	..	..	4	3,381	..	2,381
Golgonda	2	30,890	1	10,890	54	23,960	..	20,760	..	..	..	..	51	17,300	1	8,600
Total ..	32	5,11,107	6	1,02,277	132	1,47,119	14	77,154	..	..	..	..	458	1,62,021	89	22,746
Agency tracts.																
Rayaghada	2	97,500	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Parvatipuram	1	60,000	..	..	1	4,200	..	..	..	..	..	..	..	..	..	..
Palkonda	..	..	..	..	1	1,000	..	..	..	..	..	..	..	..	..	..
Pottanghi	..	..	..	..	1	2,000	..	..	..	..	..	..	..	..	..	..
Korapat	1	10,000	1	10,000	..	..	..	..	..	..	..	..	..	..	..	..
Jeypore-Nowrangapuram	1	40,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Golgonda	3	1,19,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	8	3,26,500	1	10,000	3	7,200	..	..	..	..	..	..	..	..	..	..

4. In Chípurapalli, the total provision made, Rs. 1,32,556, will suffice only for 11 per cent. of its population for three months. This sum, further, is made up of Rs. 1,30,247 provided for the construction and repair of fourteen roads and Rs. 2,309 for ten works designed to improve the supply of drinking water. Estimates are ready for the latter class of works; but, as regards roads, it is observed that none of them are sanctioned and that estimates are ready for only three of them costing Rs. 47,747. The preparation of the estimates for the remaining road works should be pushed on with vigour.

5. The total provision made in Vizianagram is adequate, but the works have mostly not been sanctioned, nor have estimates been prepared for many of them. A sum of Rs. 25,000 is put down for the construction of four irrigation works belonging to the Vizianagram zamindari. These are said to be sanctioned works from which it is presumed that they were sanctioned by the late Maharaja. Fifteen roads are proposed to be repaired at a cost of Rs. 46,891 and estimates are ready except for Rs. 5,930 to be sanctioned by the municipality for repairing four roads and drains. Rs. 1,74,076 are provided for the construction of 23 new roads. None of these works have been sanctioned nor are estimates ready except for a small sum of Rs. 5,166. Rs. 26,179 are proposed to be spent on the improvement of the drinking-water supply, but estimates are ready for only Rs. 7,079. It is shown that in addition to the provision noticed above, a sum of Rs. 1,50,000 may be spent on earthwork of the inking-water project in Vizianagram municipality, but the project has not yet been vestigated.

6. In Bimlipatam provision has been made for only 13 per cent. of the population and the bulk of the amount is proposed to be spent on the construction of fifteen new roads, of which only one, costing Rs. 7,480, has yet been brought under sanction, and for only one other, costing Rs. 2,836, has an estimate been prepared.

7. Twenty-four per cent. of the population in Anakápalli have been provided for, but over 40 per cent. of the provision consists of expenditure on miscellaneous works such as, the repair of drinking-water tanks and improvement of village-sites; and nearly 30 per cent. on the construction of new roads for most of which, estimates have not yet been prepared. No road work has yet been brought on the sanctioned list.

8. For Sarvasiddhi, a sufficient number of works has been entered in the programme. Out of a total provision of 2½ lakhs, nearly 2 lakhs are proposed to be spent on road and irrigation works, but not a single large work under these heads has yet been brought under sanction. Estimates have, however, been prepared for more than a lakh. The Collector should lose no time in bringing large works under sanction. The details of the provision for irrigation works entered in form A (statement I) cannot be reconciled with particulars shown in statement II. This should be explained. It appears from the latter statement that, out of 112 works requiring repair, provision has been made for only 26. This is very inadequate and the programme requires considerable amplification under this head in communication with the Public Works Department. No effort should be spared to provide for works on which large sums can be profitably spent.

9. In Sringavarupukóta, provision has been made for 22 per cent. of the population. The sum provided is Rs. 2,16,482, of which nearly one-fourth is proposed to be spent on petty works, such as, improvement of village-sites, and sources of drinking-water supply, and the rest almost wholly on the construction of new roads. None of these have been brought under sanction and the estimates are ready for only a small amount.

10. In Golgonda taluk, the provision made would suffice for upwards of 25 per cent. of the population. Estimates are also ready for a large number of works. It is noted, however, that the repair of 19 works under Public Works Department has not been provided for.

11. Out of a provision of $5\frac{1}{2}$ lakhs for the Vizagapatam taluk, $4\frac{3}{4}$ lakhs are proposed to be spent on miscellaneous works, the chief of which are the following :—

	Rs.
(*a*) Earthwork in the Vizagapatam swamp connected with the harbour project	1,93,200
(*b*) Earthwork for the Hanumanthavaka water project	77,640
(*c*) Reclamation of the swamp between the railway and the town.	1,60,210
Total ...	4,31,050

Works (*b*) and (*c*) have been sanctioned and estimates are ready for (*a*).

12. In the remaining taluks the provision made is very inadequate; although these are unaffected at present, it is very necessary that the district officers should be ready with schemes of relief in all of them to meet emergencies. It is observed that no proposal is made to repair 41 tanks in Palkonda in charge of the Public Works Department although they are reported to be out of repair.

13. The reason for the omission of forest-fencing works, in the programme, is not explained.

14. It is observed that the Collector has made an additional provision of Rupees 3,43,700 for twelve road works in the Agency tracts of the district, but estimates are ready for only two roads at a cost of Rs. 20,000.

15. No provision is made under loans works in any of the taluks. It should be reported whether there is no scope for this kind of relief in any part of the district.

16. Owing to the fact that most of the taluks in the district are zamindari, the works available for famine relief are limited; the provision made in the Government taluks should however be enlarged by the addition of more "large works" and the necessary steps in this direction should be taken by the Public Works Department.

(True Copy and Extract.)

(Signed) L. E. BUCKLEY,
Famine Secretary.

To the Secretary to Government, Revenue Department.
Copy to the Collector of Vizagapatam.

[Appendix.

ks.	Amount.	15
		Rs.
2		33,980
0		14,000
2		9,740
4		57,720
37		38,000
70		42,634
07		80,634
48		80,520
9		12,850
57		93,370
9		28,320
8		20,000
47		10,800
64		59,120
31		69,780
610½		9,48,038
359$\frac{37}{38}$		2,16,915
1,000$\frac{3}{8}$		12,34,733

APPENDIX.

Abstract of programme of relief works in the Vizagapatam district for the year 1897–98.

Persons provided for by relief works daily for three months.		Class of work.	Numbers provided for on.	Total per cent. of population.	Irrigation works. New. Number.	Irrigation works. New. Amount.	Irrigation works. Repairs. Number.	Irrigation works. Repairs. Amount.	Forest-fencing works. Number.	Forest-fencing works. Amount.	Road works. New. Number.	Road works. New. Miles.	Road works. New. Amount.
4			5	6	7	8	9	10	11	12	13	14	15
								Rs.					Rs.
21,800	Large—	Sanctioned	5,395		..	..	..	..	..	..	3	13	40,467
		Not sanctioned	3,865		..	..	70	7,500	..	..	3	7½	8,500
	Small	..	9,260	8·49	..	..	70	7,500	..	..	6	20½	48,967
41,600	Large—	Sanctioned	5,353		..	..	..	..	..	..	4	26	31,000
		Not sanctioned	13,991		..	..	520	70,030	..	..	12	22½	20,051
	Small	..	19,344	9·30	..	..	520	70,030	..	..	16	48½	51,051
25,800	Large—	Sanctioned	17,709		..	..	..	..	..	..	4	45	1,32,820
		Not sanctioned	2,760		..	..	..	..	..	..	3	2½	6,500
	Small	..	20,469	15·86	..	..	..	..	..	..	7	47½	1,38,320
33,000	Large—	Sanctioned	4,653		..	..	..	..	..	..	2	18	34,000
		Not sanctioned	4,379		..	..	8	15,000	..	..	1	½	1,000
	Small	..	8,912	10·73	..	..	8	15,000	..	..	3	18½	35,000
24,800	Large—	Sanctioned	11,793		..	..	..	..	..	..	5	62	88,450
		Not sanctioned	9,818		..	..	..	..	..	..	2	4½	4,503
	Small	..	21,611	17·42	..	..	..	..	..	..	7	66½	92,953

Abstract of programme of relief works in the Vizagapatam district for the year 1897–98—*cont.*

ks.	Road works—*cont.*		Miscellaneous works.						Grand total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
.. ..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	3	40,467	1	18,267
	7	11,587	62	1,400	..	..	62	1,400	142	28,987	68	12,587
Total ..	7	11,587	62	1,400	..	..	62	1,400	145	69,454	69	30,854
.. ..	..	..	..	..	..	..	..	..	..	..	..	..
	1	9,150	..	..	..	..	..	..	5	40,150	..	..
	3	8,919	15	5,930	..	..	15	5,930	550	1,04,930	75	69,350
Total ..	4	18,069	15	5,930	..	..	15	5,930	555	1,45,080	75	69,350
. ..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	4	1,32,820	1	24,820
	3	5,500	6	3,700	65	6,000	71	9,700	77	20,700	4	6,200
Total ..	3	5,500	6	3,700	65	6,000	71	9,700	81	1,53,520	5	31,020
. ..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	2	34,000	..	..
	5	13,845	10	2,100	13	900	23	3,000	37	32,845	4	10,845
Total ..	5	13,845	10	2,100	13	900	23	3,000	39	66,845	4	10,845
..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	5	88,450	..	..
	..	..	76	69,135	..	..	76	69,135	78	73,638	12	4,638
Total ..	..	..	76	69,135	..	..	76	69,135	83	1,62,088	12	4,638

(a) Earthwork in the Vizagapatam swamp connected with the

Abstract of programme of relief works in the Vizagapatam district for the year 1897–98—*cont.*

ion st s in nds.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
					New.		Repairs.				New.		
		Class of work.	Numbers provided for on	Total percentage of population.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
	3	4	5	6	7	8	9	10	11	12	13	14	15
						Rs.							Rs.
000	31,400	Large—											
		Sanctioned	..		..	..	..	..	..	..	..	77	..
		Not sanctioned	15,852		..	..	..	..	..	..	7	..	1,12,791
		Small	1,822		..	..	..	..	..	..	2	8	4,500
		Total ..	17,674	11·25	..	..	..	..	..	..	9	85	1,17,291
167,000	33,400	Large—											
		Sanctioned	3,333		4	25,000	..	..	..	..	..	..	..
		Not sanctioned	33,333		..	..	..	..	..	..	16	120	1,60,000
		Small	8,686		..	..	..	..	..	..	7	18	14,076
		Total ..	45,352	27·15	4	25,000	..	..	..	..	23	138	1,74,076
129,000	25,800	Large—											
		Sanctioned	763		..	..	..	..	..	..	..	..	..
		Not sanctioned	17,377		..	..	..	..	..	..	7	73	1,23,840
		Small	10,724		..	..	..	..	..	..	8	49	23,605
		Total ..	28,864	22·37	..	..	..	..	..	..	15	122	1,47,445
115,000	23,000	Large—											
		Sanctioned	997		..	..	..	..	..	..	1	10	7,480
		Not sanctioned	7,260		..	..	..	..	..	..	7	54	54,450
		Small	6,582		..	..	..	..	..	..	7	22½	20,336
		Total ..	14,839	12·90	..	..	..	..	..	..	15	86½	82,266
96,000	19,200	Large—											
		Sanctioned	31,713		..	..	..	..	..	..	..	..	..
		Not sanctioned	28,890		..	..	..	..	..	..	2	9½	17,700
		Small	13,559		..	..	..	..	..	..	69	66⅔	38,820
		Total ..	74,162	77·25	..	..	..	..	..	..	71	76	56,520

11. Out of a provision of $5\frac{1}{2}$ lakhs for the Vizagapatam taluk, $4\frac{3}{4}$ lakhs are proposed to be spent on miscellaneous works, the chief of which are the following :—

Rs.

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

	Road works—*cont.*		Miscellaneous works.						Grand total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
.. .. ..	..	..	..	..	..	..	..	..	..	..	..	..
	1	6,100	..	..	..	..	..	..	8	1,18,891	2	40,891
	3	6,856	10	2,309	..	..	10	2,309	15	13,665	13	9,165
Total ..	4	12,956	10	2,309	..	..	10	2,309	23	1,32,556	15	50,056
.. ..	..	..	..	..	..	..	..	..	4	25,000	4	25,000
	2	22,000	..	..	1	68,000	1	68,000	19	2,50,000	2	22,000
	13	24,891	61	26,179	..	..	61	26,179	81	65,146	21	31,206
Total ..	15	46,891	61	26,179	1	68,000	62	94,179	104	3,40,146	27	78,206
	1	5,725	..	..	..	..	..	..	1	5,725	1	5,725
..	1	6,490	..	..	..	..	..	..	8	1,30,330	2	39,150
	4	4,647	111	11,675	115	40,500	226	52,175	238	80,427	6	9,727
Total ..	6	16,862	111	11,675	115	40,500	226	52,175	247	2,16,482	9	54,602
.. ..	..	..	..	..	..	..	..	..	1	7,480	1	7,480
	..	..	..	..	..	..	..	..	7	54,450	..	..
	22	27,845	2	1,183	..	..	2	1,183	31	49,364	12	26,614
Total ..	22	27,845	2	1,183	..	..	2	1,183	39	1,11,294	13	34,094
.. ..	..	..	..	..	2	2,37,850	2	2,37,850	2	2,37,850	2	2,37,850
	1	5,775	..	..	1	1,93,200	1	1,93,200	4	2,16,675	4	2,16,675
	17	8,625	113	14,250	175	40,000	288	54,250	374	1,01,695	65	23,345
Total ..	18	14,400	113	14,250	178	4,71,050	291	4,85,300	380	5,56,220	71	4,77,870

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
						New.		Repairs.				New.		
			Class of work.	Numbers provided for on.	Total per centage of population.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Rs.		Rs.					Rs.
XI. Viravilli ..	198,000	39,600	Large—	4,531	..	..	..	..	..	..	..	1	12	33,980
			Sanctioned	1,867	..	..	..	..	..	..	..	2	20	14,000
			Not sanctioned	3,171	..	..	..	15	4,900	..	..	8	32	9,740
			Small											
			Total ..	9,569	4·83	..	..	15	4,900	..	..	11	64	57,720
XII. Anakápalli.	152,000	30,400	Large—	..	..	..	..	..	..	..	..	..	..	..
			Sanctioned	12,551	..	..	..	..	..	..	..	4	37	38,000
			Not sanctioned	23,894	..	9	8,100	67	23,831	..	..	55	70	42,634
			Small											
			Total ..	36,445	23·98	9	8,100	67	23,831	..	..	59	107	80,634
XIII. Sarvasiddhi.	155,000	31,000	Large—	..	..	..	..	..	..	..	..	..	..	..
			Sanctioned	19,941	..	2	36,000	1	11,870	..	..	7	48	80,520
			Not sanctioned	13,941	..	25	2,348	72	18,350	..	..	4	9	12,850
			Small											
			Total ..	33,882	21·86	27	38,348	73	30,220	..	..	11	57	93,370
XIV. Golgonda ..	119,000	23,800	Large—	3,746	..	..	..	..	..	..	..	1	9	28,320
			Sanctioned	7,852	..	..	..	1	28,000	..	..	1	8	20,000
			Not sanctioned	19,271	..	14	10,070	45	93,200	..	..	10	47	10,800
			Small											
			Total ..	30,869	25·96	14	10,070	46	1,21,200	..	..	12	64	59,120
District Total ..	1,941,000	388,200	Large—	45,114	..	4	25,000	..	..	..	..	3	31	69,780
			Sanctioned	189,708	..	2	36,000	2	39,870	..	..	71	610½	9,48,038
			Not sanctioned	136,463	..	48	20,518	797	2,32,811	..	..	191	359 7/16	2,16,915
			Small											
			Grand Total ..	371,285	19·12	54	81,518	799	2,72,681	..	..	265	1,000 3/8	12,34,733

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.*		Miscellaneous works.						Grand total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
XI. Viravilli	..	..	..	..	..	..	..	..	1	33,980	1	33,980
	..	..	..	..	..	..	..	..	2	14,000	..	..
	4	5,762	4	3,381	..	..	4	3,381	31	23,783	7	8,143
Total ..	4	5,762	4	3,381	..	..	4	3,381	34	71,763	8	42,123
XII. Anakápalli	..	..	..	..	..	..	..	..	..	..	..	..
	3	31,505	4	24,625	..	..	4	24,625	11	94,130	5	41,130
	8	12,988	65	78,330	16	13,325	81	91,655	220	1,79,208	101	97,893
Total ..	11	44,493	69	1,02,955	16	13,325	85	1,16,280	231	2,73,338	106	1,39,023
XIII. Sarvasiddhi	..	..	..	..	..	..	..	..	..	..	..	..
	1	16,170	1	5,000	..	..	1	5,000	12	1,49,560	7	92,060
	10	11,096	126	59,910	..	..	126	59,910	237	1,04,554	189	83,729
Total ..	11	27,266	127	64,910	..	..	127	64,910	249	2,54,114	196	1,75,789
XIV. Golgonda	..	..	..	..	..	..	..	..	1	28,320	1	28,320
	1	10,890	..	..	..	..	..	..	3	58,890	2	38,890
	7	13,160	50	16,300	1	1,000	51	17,300	127	1,44,530	69	39,430
Total ..	8	24,050	50	16,300	1	1,000	51	17,300	131	2,31,740	72	1,06,640
District Total	1	5,725	..	..	2	2,37,850	2	2,37,850	10	3,38,355	6	3,13,355
	11	1,08,080	5	29,625	2	2,61,200	7	2,90,825	93	14,22,813	26	5,43,033
	106	1,55,721	711	2,95,782	385	1,01,725	1,096	3,97,507	2,238	10,23,472	646	4,32,872
Grand Total ..	118	2,69,526	716	3,25,407	389	6,00,775	1,105	9,26,182	2,341	27,84,640	67	12, 89,260

Abstract of programme of relief works in the Vizag...

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
			Class of work.		Numbers provided for on.	Total per cent. of population.	New.		Repairs.			New.		
							Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4		5	6	7	8	9	10	11	12	13	14	15
AGENCY TRACTS.															
I. Rayaghada ..	90,000	18,000	Large—												
			Sanctioned ..	.. ..	1,333		..	..	..	..	..	..	..	..	..
			Not sanctioned	.. ..	13,000		..	..	..	..	..	..	..	..	..
			Small	.. ..	..		..	..	..	..	..	..	..	..	..
				Total ..	14,333	15·92	..	..	..	..	..	..	..	..	..
II. Párvatípuram.	40,000	8,000	Large—												
			Sanctioned ..	.. ..	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	.. ..	8,000		..	..	..	..	..	..	..	..	..
			Small	.. ..	560		..	..	..	..	..	..	..	..	..
				Total ..	8,560	21·25	..	..	..	..	..	..	..	..	..
III. Palkonda ..	11,000	2,200	Large—												
			Sanctioned ..	.. ..	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	.. ..	..		..	..	..	..	..	..	..	..	..
			Small	.. ..	133		..	..	..	..	..	..	..	..	..
				Total ..	133	1·20	..	..	..	..	..	..	..	..	..
IV. Pottanghi ..	1,17,000	23,400	Large—												
			Sanctioned ..	.. ..	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	.. ..	..		..	..	..	..	..	..	..	..	..
			Small	.. ..	266		..	..	..	..	..	..	..	..	..
				Total ..	266	·02	..	..	..	..	..	..	..	..	..
V. Koraput ..	74,000	14,800	Large—												
			Sanctioned ..	.. ..	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	.. ..	1,333		..	..	..	..	..	..	..	..	..
			Small	.. ..	..		..	..	..	..	..	..	..	..	..
				Total ..	1,333	1·80	..	..	..	..	..	..	..	..	..

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.* Repairs.		Miscellaneous works. Drinking-water supply.		Others.		Total.		Grand Total.		Works for which estimates are ready.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
AGENCY TRACTS—*cont.*		Rs.								Rs.		Rs.
I. Rayaghada	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000
	2	97,500	..	..	..	..	..	..	2	97,500	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	3	1,07,500	..	..	..	..	..	..	3	1,07,500	1	10,000
II. Párvatípuram	..	..	..	..	..	..	..	..	..	..	..	..
	1	60,000	..	..	..	..	..	..	1	60,000	..	..
	1	4,200	..	..	..	..	..	..	1	4,200	..	..
Total ..	2	64,200	..	..	..	..	..	..	2	64,200	..	..
III. Palkonda	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	1	1,000	..	..	..	..	..	..	1	1,000	..	..
Total ..	1	1,000	..	..	..	..	..	..	1	1,000	..	..
IV. Pottanghi	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	1	2,000	..	..	..	..	..	..	1	2,000	..	..
Total ..	1	2,000	..	..	..	..	..	..	1	2,000	..	..
V. Koraput	..	..	..	..	..	..	..	..	..	..	..	..
	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	10,000	..	..	..	..	..	..	..	10,000	1	..

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months. Class of work.	Number provided for.	Total per cent. of population.	Irrigation works. New. Number.	Amount.	Repairs. Number.	Amount.	Forest-fencing works. Number.	Amount.	Road works. New. Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AGENCY TRACTS—*cont.*							Rs.		Rs.		Rs.			Rs.
VI. Jeypore and VII. Nowrangapuram.	2,56,000	51,200	Large— Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	5,333		..	..	..	..	..	..	..	..	..
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	5,333	2·08	..	..	..	..	..	..	..	..	..
VIII. Golgonda ..	29,000	5,800	Large— Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	15,866		..	..	..	..	..	..	2	..	47,000
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	15,866	54·71	..	..	..	..	..	..	2	..	47,000
Total of Agency tracts.	6,17,000	1,23,400	Large— Sanctioned	1,333		..	..	..	..	..	..	2	..	47,000
			Not sanctioned	43,533		..	..	..	..	..	..	..	..	..
			Small	960		..	..	..	..	..	..	..	..	..
			Grand Total ..	45,826	7·42	..	..	..	..	..	..	2	..	47,000

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G.O., No. 605, 21st July 1897.

JULY.

Programme of Famine-relief works.

Recording Board's Proceedings reviewing the — of the Vizagapatam district for 1897-98.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

Read—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 2nd July 1897, No. 482 :—

Read—Statement of Programme of works available for Famine Relief during 1897-98 from the Collector of the Vizagapatam district, dated 29th March 1897, Dis. No. 1052.

Read—also the following letter from W. O. HORNE, Esq., Acting Collector of Vizagapatam, to the Famine Secretary, Board of Revenue, Madras, dated Vizagapatam, 3rd June 1897, R. C. No. 2122 :—

With reference to paragraph 3 of Board's Proceedings, dated 10th May 1897, No. 352, I have the honour to report that active steps are in progress to carry out the orders of the Board and of Government therewith communicated.

2. I have consulted the Superintending Engineer of this circle as to the staff which will be required in his department in the event of serious famine being caused by the failure of the south-west monsoon. As the whole district would be affected, at least one large work, and in some cases, two, would be required in each taluk in the plains, and we consider that twenty overseers would be needed with a proportionate superior staff. Of course, in the event of total failure of the monsoon, the services of the Local Fund Overseers could be lent, which would reduce the number required for the Public Works Department by six. The list of tools sent with Board's Proceedings, dated 4th May 1897, No. 3113, shows no tools in this district, but I understand from the Executive Engineer that he has tools for about 20,000 workers. Tools for at least 100,000 will be required in the event now contemplated.

3. With regard to paymasters I could spare a taluk gumasta from each taluk for this work, and I think I should not be obliged to ask for extra hands for this particular work. Kitchen Superintendents, I could also procure locally.

4. All taluks are now being divided, and some have already been divided into circles for village relief, sites for poor houses are being fixed on, at one, per taluk, and villagewar lists are being prepared of persons who would probably become eligible for grain doles, those able to go to works and kitchens being excluded. These arrangements will, I hope, be completed in a week. At present the information is only partially to hand. I will report again about June 10, by which date also I shall be able to estimate the number of hands from outside the district required for Circle Inspectors, poor house Superintendents, &c. The existing district establishment affords but little margin to draw upon.

5. With regard to the Famine programme, I have not yet received the Board's review thereon, referred to in paragraph 3 of the Proceedings under reply, but I am painfully aware that my programme is utterly inadequate for any serious emergency.

Hitherto I do not think it was ever regarded very seriously and the required total to be spent on works was made up by all sorts of petty entries which served to swell it, but were utterly useless for practical purposes. I mean such entries, as repairs of drinking tanks at Rs. 200 or 300 each, wells at Rs. 10 to 50, clearing prickly-pear at so much per village and so forth. These works are, of course, of no use at all for the purposes of chapter VII of the Famine Code, and when work is wanted the only useful works on the programme are found to be (1) new roads for which perhaps the compensation for land to be acquired costs nearly as much as the construction, (2) useless and wasteful metal breaking and (3) digging drinking-water tanks which are in but few cases big enough to employ the number of people likely to require employment.

6. I have done what I can to reform the programme by adding new road schemes and omitting entries which were obviously only for show, but as eleven, out of my fourteen taluks, are zamindari, the works available are most limited, and there is no doubt that in a serious famine we should be driven to rely chiefly on the aforesaid metal breaking.

7. In the three Government taluks, the burden of providing large works ought to lie on the Public Works Department. In the Sarvasiddhi and Palkonda taluks there is ample scope for large schemes of irrigation if the subject is properly examined and I consider that in each of those taluks and Golgonda taluk the Public Works Department should prepare and keep ready at least one large scheme capable of employing 20,000 to 30,000 labourers for three or four months. The scheme should be approved too, because at present many of the works in the Public Works Department programme are condemned by the Superintending Engineer, and these objections ought to be made and rectified beforehand. I speak of large works because I do not doubt that in a serious famine we should have to abandon the idea of providing work within reach of the worker's homes and must concentrate labour, as, I believe, is done in the North-West Provinces.

Resolution—dated 2nd July 1897, No. 482.

The abstract of the programme of famine-relief works for 1897-98 received from the Collector of Vizagapatam will be submitted for the information of Government.

2. The programme contains provision for works as noted below :—

		Lakhs.
1. Irrigation works	New ...	0·82
	Repair ...	2·73
2. Roads	New ...	12·35
	Repair ...	2·70
3. Drinking water-supply		3·25
4. Miscellaneous		6·00
	Total ...	27·85

The total provision amounts to Rs. 27,84,640 and the works are estimated to provide employment for three months for 19 per cent. of the population of the district. The district consists of three Government taluks, eleven zamindaris and seven agency divisions. At present six of the taluks noted on the margin are reported to be affected. The provision made in each taluk or division distinguishing between the affected and non-affected tracts is shown in the subjoined statement :—

1. Chipurapalli.
2. Vizianagram.
3. Sringavarapukota.
4. Bimlipatam.
5. Vizagapatam.
6. Sarvasiddhi.

Taluks.	Population.	Number likely to receive relief (20 per cent.).	Provision required to be made for three months.	Provision made.	Percentage of population for whom this provision will suffice.
			Rs.	Rs.	
Affected.					
Chípurapalli	157,000	31,400	2,35,500	1,32,556	11·3
Vizianagram	167,000	33,400	2,50,500	3,40,146	27·2
Bimlipatam	115,000	23,000	1,72,500	1,11,204	12·9
Vizagapatam	96,000	19,200	1,44,000	5,56,220	77·3
Anakápalli	152,000	30,400	2,28,000	2,73,338	24·0
Sarvasiddhi	165,000	31,000	2,32,500	2,54,114	21·9
Total ..	842,000	168,400	12,63,000	16,67,668	26·4
Non-affected.					
Párvatípuram	109,000	21,800	1,63,500	69,454	8·5
Palkonda	208,000	41,600	3,12,000	1,45,080	9·3
Bobbili	129,000	25,800	1,93,500	1,53,520	15·9
Sálúru	83,000	16,600	1,24,500	66,845	10·7
Gajapatinagram	124,000	24,800	1,85,000	1,62,088	17·4
Sringavarapukóta	129,000	25,800	1,93,500	2,16,482	22·4
Viravalli	198,000	39,600	2,97,000	71,763	4·8
Golgonda	119,000	23,800	1,78,500	2,31,740	26·0
Total ..	1,099,000	219,800	16,48,500	11,16,972	13·6
Agency tracts.					
Rayaghada	90,000	18,000	1,35,000	1,07,500	15·9
Párvatípuram	40,000	8,000	60,000	64,200	21·3
Palkonda	11,000	2,200	16,500	1,000	1·2
Pottanghi	117,000	23,400	1,75,500	2,000	..
Koraput	74,000	14,800	1,11,000	10,000	1·8
Jeypore-Nowrangapuram	256,000	51,200	3,84,000	40,000	2·1
Golgonda	29,000	5,800	43,500	1,19,000	54·7
Total ..	617,000	123,400	9,25,500	3,43,700	7·4

It will be seen that Chípurapalli and Bimlipatam in the affected tracts and the whole of the non-affected tracts except Sringavarapukóta and Golgonda have not been adequately provided for.

3. The details of the provision made under the several classes of works are shown below :—

Taluka.	Irrigation works.												Roads.			
	Large.								Small.				Large.			
	Sanctioned.				Not sanctioned.								Sanctioned.			
	Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Affected.		Rs.				Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
Chípurapalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vizianagram	4	25,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bimlipatam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vizagapatam	..	..	..	..	..	..	..	..	..	..	..	..	1	7,480	1	7,480
Anakápalli	..	..	..	..	..	..	..	..	76	31,931	39	7,431	..	..	..	..
Sarvasiddhi	..	..	..	..	3	47,870	3	47,870	62	20,698	62	20,698	..	..	..	..
Total ..	4	25,000	..	..	3	47,870	3	47,870	138	52,629	101	28,129	1	7,480	1	7,480
Non-affected.																
Párvatípuram	..	..	..	..	..	..	..	..	70	7,500	..	..	..	..	..	..
Palkonda	..	..	..	..	..	..	..	..	520	70,030	..	50,950	..	..	..	..
Bobbili	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sálúru	..	..	..	..	..	..	..	..	8	15,000	..	..	..	..	..	..
Gajapatinagram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sringavarapukota	..	..	..	..	..	..	..	..	..	..	..	..	1	5,725	1	5,725
Viravalli	..	..	..	..	..	..	..	..	15	4,900	..	..	1	33,980	1	33,980
Golgonda	..	..	..	..	1	28,000	1	28,000	59	1,03,270	14	10,070	1	28,320	1	28,320
Total ..	..	..	..	..	1	28,000	1	28,000	672	2,00,700	14	61,020	3	68,025	3	68,025
Agency tracts.																
Rayaghada	..	..	..	..	..	..	..	..	..	..	..	..	1	10,000	1	10,000
Párvatípuram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Palkonda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pottanghi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Koraput	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jeypore-Nowrangapuram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Golgonda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	..	..	..	..	..	..	..	..	1	10,000	1	10,000

Taluks.	Miscellaneous works.												Roads—*cont.*											
													Largo—*cont.*											
	Sanctioned.				Others.								Small.											
	Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.						Not sanctioned.											
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.					Approximate cost.		Estimates ready.									
													Number.	Amount.	Number.	Amount.								
	26	27	28	29	30	31	32	33					18	19	20	21								
		Rs.		Rs.		Rs.		Rs.						Rs.		Rs.								
Affected.																								
Chipurapalli ..		..	..	..	10	2,309	10	2,309					9	1,18,891	2	40,891								
Vizianagram ..		..	..	..	67	94,179	9	7,079					18	1,82,000	2	22,000								
Bimlipatam ..		..	..	..	2	1,183	2	1,183					7	54,450	..	..								
Vizagapatam ..		2	2,37,850	2	..	2,47,460	1	1,93,200					3	23,475	3	23,475								
Anakápalli ..		2	2,37,850	..	85	1,16,280	..	88,455					7	69,505	2	21,605								
Sarvasiddhi ..		..	..	..	127	64,910	..	51,936					8	96,690	4	44,190								
Total ..		2	2,37,850	2	291	5,26,311	22	3,44,161					52	5,45,011	13	1,52,061								
Non-affected.																								
Párvatipuram ..		..	..	..	62	1,400	61	1,000					3	40,467	1	18,267								
Palkonda ..		..	..	..	15	5,930	15	5,930					5	40,150	1	9,150								
Bobbili ..		..	..	..	2	9,700	1	700					4	1,32,820	1	24,820								
Sálúru ..		..	..	..	23	3,000	..	..					3	34,000	..	..								
Gajapatinagram ..		..	..	..	76	69,135	11	4,135					5	88,455	..	..								
Sringavarapukota ..		..	..	..	225	52,175	..	..					8	1,30,330	2	39,150								
Viravalli ..		..	..	..	4	3,381	..	2,381					2	14,000	..	..								
Golgonda ..		..	..	..	51	17,300	1	8,600					2	30,890	1	10,890								
Total ..		..	..	..	458	1,62,021	89	22,746					32	5,11,107	6	1,02,277								
Agency tracts.																								
Rayaghada ..		..	..	..	..	..	..	..					2	97,500	..	..								
Párvatipuram ..		..	..	..	..	..	..	..					1	60,000	..	..								
Palkonda ..		..	..	..	..	..	..	..					..	..	..	..								
Pottangi ..		..	..	..	..	..	..	..					..	..	..	..								
Korapat ..		..	..	..	..	..	..	..					1	10,000	1	10,000								
Jaypore-Nowrangapuram ..		..	..	..	..	..	..	..					1	40,000	..	..								
Golgonda ..		..	..	..	..	..	..	..					3	1,19,000	..	..								
Total ..		..	..	..	..	..	..	..					8	3,26,500	1	10,000								

Taluks.	Roads—*cont.*																							
	Small—*cont.*																							
	Not sanctioned—*cont.*												Sanctioned.											
	Approximate cost.		Estimates ready.										Approximate cost.		Estimates ready.									
	Number.	Amount.	Number.	Amount.									Number.	Amount.	Number.	Amount.								
	22	23	24	25									1	2	3	4								
		Rs.		Rs.										Rs.		Rs.								
Affected.																								
Chipurapalli ..	5	11,356	1	6,856																				
Vizianagram ..	31	38,967	..	..																				
Bimlipatam ..	29	48,181	..	..																				
Vizagapatam ..	86	47,445	..	..																				
Anakápalli ..	63	55,622	..	..																				
Sarvasiddhi ..	14	23,946	10	24,181																				
Total ..	228	2,26,517	11	1,30,637																				
Non-affected.																								
Párvatipuram ..	10	20,087	7	11,587																				
Palkonda ..	15	28,970	..	..																				
Bobbili ..	6	11,000	3	12,470																				
Sálúru ..	6	14,845	..	..																				
Gajapatinagram ..	2	4,503	..	..																				
Sringavarapukota ..	12	28,262	..	..																				
Viravalli ..	27	16,502	4	6,762																				
Golgonda ..	54	23,960	..	..																				
Total ..	132	1,47,119	14	77,164																				
Agency tracts.																								
Rayaghada ..	..	..	..	..																				
Párvatipuram ..	1	4,200	..	..																				
Palkonda ..	1	1,000	..	..																				
Pottangi ..	1	2,000	..	..																				
Korapat ..	..	..	..	..																				
Jaypore-Nowrangapuram ..	..	..	..	..																				
Golgonda ..	..	..	..	..																				
Total ..	3	7,200	..	..																				

4. In Chípurapalli, the total provision made, Rs. 1,32,556, will suffice only for 11 per cent. of its population for three months. This sum, further, is made up of Rs. 1,30,247 provided for the construction and repair of fourteen roads and Rs. 2,309 for ten works designed to improve the supply of drinking water. Estimates are ready for the latter class of works; but, as regards roads, it is observed that none of them are sanctioned and that estimates are ready for only three of them costing Rs. 47,747. The preparation of the estimates for the remaining road works should be pushed on with vigour.

5. The total provision made in Vizianagram is adequate, but the works have mostly not been sanctioned, nor have estimates been prepared for many of them. A sum of Rs. 25,000 is put down for the construction of four irrigation works belonging to the Vizianagram zamindari. These are said to be sanctioned works from which it is presumed that they were sanctioned by the late Maharaja. Fifteen roads are proposed to be repaired at a cost of Rs. 46,891 and estimates are ready except for Rs. 5,930 to be sanctioned by the municipality for repairing four roads and drains. Rs. 1,74,076 are provided for the construction of 23 new roads. None of these works have been sanctioned nor are estimates ready except for a small sum of Rs. 5,166. Rs. 26,179 are proposed to be spent on the improvement of the drinking-water supply, but estimates are ready for only Rs. 7,079. It is shown that in addition to the provision noticed above, a sum of Rs. 1,50,000 may be spent on earthwork of the drinking-water project in Vizianagram municipality, but the project has not yet been investigated.

6. In Bimlipatam provision has been made for only 13 per cent. of the population and the bulk of the amount is proposed to be spent on the construction of fifteen new roads, of which only one, costing Rs. 7,480, has yet been brought under sanction, and for only one other, costing Rs. 2,836, has an estimate been prepared.

7. Twenty-four per cent. of the population in Anakápalli have been provided for, but over 40 per cent. of the provision consists of expenditure on miscellaneous works such as, the repair of drinking-water tanks and improvement of village-sites; and nearly 30 per cent. on the construction of new roads for most of which, estimates have not yet been prepared. No road work has yet been brought on the sanctioned list.

8. For Sarvasiddhi, a sufficient number of works has been entered in the programme. Out of a total provision of 2½ lakhs, nearly 2 lakhs are proposed to be spent on road and irrigation works, but not a single large work under these heads has yet been brought under sanction. Estimates have, however, been prepared for more than a lakh. The Collector should lose no time in bringing large works under sanction. The details of the provision for irrigation works entered in form A (statement I) cannot be reconciled with particulars shown in statement II. This should be explained. It appears from the latter statement that, out of 112 works requiring repair, provision has been made for only 26. This is very inadequate and the programme requires considerable amplification under this head in communication with the Public Works Department. No effort should be spared to provide for works on which large sums can be profitably spent.

9. In Sringavarapukóta, provision has been made for 22 per cent. of the population. The sum provided is Rs. 2,16,482, of which nearly one-fourth is proposed to be spent on petty works, such as, improvement of village-sites, and sources of drinking-water supply, and the rest almost wholly on the construction of new roads. None of these have been brought under sanction and the estimates are ready for only a small amount.

10. In Golgonda taluk, the provision made would suffice for upwards of 25 per cent. of the population. Estimates are also ready for a large number of works. It is noted, however, that the repair of 19 works under Public Works Department has not been provided for.

11. Out of a provision of 5½ lakhs for the Vizagapatam taluk, 4¾ lakhs are proposed to be spent on miscellaneous works, the chief of which are the following :—

	Rs.
(*a*) Earthwork in the Vizagapatam swamp connected with the harbour project	1,93,200
(*b*) Earthwork for the Hanumanthavaka water project	77,640
(*c*) Reclamation of the swamp between the railway and the town.	1,60,210
Total ...	4,31,050

Works (*b*) and (*c*) have been sanctioned and estimates are ready for (*a*).

12. In the remaining taluks the provision made is very inadequate ; although these are unaffected at present, it is very necessary that the district officers should be ready with schemes of relief in all of them to meet emergencies. It is observed that no proposal is made to repair 41 tanks in Palkonda in charge of the Public Works Department although they are reported to be out of repair.

13. The reason for the omission of forest-fencing works, in the programme, is not explained.

14. It is observed that the Collector has made an additional provision of Rupees 3,43,700 for twelve road works in the Agency tracts of the district, but estimates are ready for only two roads at a cost of Rs. 20,000.

15. No provision is made under loans works in any of the taluks. It should be reported whether there is no scope for this kind of relief in any part of the district.

16. Owing to the fact that most of the taluks in the district are zamindari, the works available for famine relief are limited ; the provision made in the Government taluks should however be enlarged by the addition of more "large works" and the necessary steps in this direction should be taken by the Public Works Department.

(True Copy and Extract.)

(Signed) L. E. BUCKLEY,
Famine Secretary.

To the Secretary to Government, Revenue Department.
Copy to the Collector of Vizagapatam.

[Appendix.

APPENDIX.

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98.

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
			Class of work.	Numbers provided for on.	Total per cent. of population.	New.		Repairs.		New.		New.		
						Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Rs.		Rs.		Rs.			Rs.
I. Párvatipuram.	1,09,000	21,800	Large— Sanctioned	5,395				70	7,500			3	13	40,467
			Not sanctioned	3,865								3	7½	8,500
			Small											
			Total	9,260	8·49			70	7,500			6	20½	48,967
II. Palkonda	2,08,000	41,600	Large— Sanctioned	5,353				520	70,030			4	26	31,000
			Not sanctioned	13,991								12	22-7/12	20,051
			Small											
			Total	19,344	9·30			520	70,030			16	48-7/12	51,051
III. Bobbili	1,29,000	25,800	Large— Sanctioned	17,709								4	46	1,32,820
			Not sanctioned	2,760								3	2¼	5,500
			Small											
			Total	20,469	15·86							7	47½	1,38,320
IV. Sálúr	93,000	16,600	Large— Sanctioned	4,553				8	15,000			2	18	34,000
			Not sanctioned	4,379								1	½	1,000
			Small											
			Total	8,912	10·73			8	15,000			3	18½	35,000
V. Gajapatinagram.	1,24,000	24,800	Large— Sanctioned	11,793								5	62	88,450
			Not sanctioned	9,818								2	4¾	4,503
			Small											
			Total	21,611	17·42							7	66½	92,953

Abstract of programme of relief works in the Vizagapatam district for the year 1897–98—*cont.*

Taluks.	Road works—*cont.* Repairs.		Miscellaneous works. Drinking-water supply.		Others.		Total.		Grand total.		Works for which estimates are ready.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
I. Párvatípuram	..	..	..	..	..	..	..	..	.. 3	.. 40,467	.. 1	.. 18,267
	.. 7	.. 11,587	.. 62	.. 1,400	.. ..	.. ..	.. 62	.. 1,400	142	28,987	68	12,587
Total ..	7	11,587	62	1,400	..	..	62	1,400	145	69,454	69	30,854
II. Palkonda	..	..	..	..	..	..	..	..	.. 5	.. 40,150	..	..
	1	9,150	..	..	..	..	..	..	..	..	..	..
	3	8,919	15	5,930	..	..	15	5,930	550	1,04,930	75	69,350
Total ..	4	18,069	15	5,930	..	..	15	5,930	555	1,45,080	75	69,350
III. Bobbili	..	..	..	..	..	..	..	..	.. 4	.. 1,32,820	.. 1	.. 24,820
	..	..	..	..	..	..	..	..	77	20,700	4	6,200
	3	5,500	6	3,700	65	6,000	71	9,700				
Total ..	3	5,500	6	3,700	65	6,000	71	9,700	81	1,53,520	5	31,020
V. Sálúru	..	..	..	..	..	..	..	..	.. 2	.. 34,000	..	..
	..	..	..	..	..	..	..	..	37	32,845	4	10,845
	5	13,845	10	2,100	13	900	23	3,000				
Total ..	5	13,845	10	2,100	13	900	23	3,000	39	66,845	4	10,845
V. Gajapatinagram	..	..	..	..	..	..	..	..	.. 5	.. 88,450	..	..
	..	..	..	..	..	..	..	..	78	73,638	12	4,638
	..	..	76	69,135	..	..	76	69,135				
Total ..	..	..	76	69,135	..	..	76	69,135	83	1,62,088	12	4,638

Abstract of programme of relief works in the Vizagapatam district for the year 1897–98—*cont.*

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months. Class of work.	Numbers provided for on	Total percentage of population.	Irrigation works. New. Number.	Amount.	Repairs. Number.	Amount.	Forest-fencing works. Number.	Amount.	Road works. New. Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Rs.							Rs.
VI. Chípurapalli.	157,000	31,400	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	77	..
			Not sanctioned	15,852		..	..	..	..	..	..	7	..	1,12,791
			Small	1,822		..	..	..	..	..	..	2	8	4,500
			Total ..	17,674	11·25	..	..	..	..	..	..	9	85	1,17,291
VII. Vizianagram.	167,000	33,400	Large—											
			Sanctioned	3,333		4	25,000	..	..	..	..	..	..	..
			Not sanctioned	33,333		..	..	..	..	..	..	16	120	1,60,000
			Small	8,686		..	..	..	..	..	..	7	18	14,076
			Total ..	45,352	27·15	4	25,000	..	..	..	..	23	138	1,74,076
VIII. Sringavara-pukota.	129,000	25,800	Large—											
			Sanctioned	763		..	..	..	..	..	..	..	..	..
			Not sanctioned	17,377		..	..	..	..	..	..	7	73	1,23,840
			Small	10,724		..	..	..	..	..	..	8	49	23,605
			Total ..	28,864	22·37	..	..	..	..	..	..	15	122	1,47,445
IX. Bimlipatam.	115,000	23,000	Large—											
			Sanctioned	997		..	..	..	..	..	..	1	10	7,480
			Not sanctioned	7,260		..	..	..	..	..	..	7	54	54,450
			Small	6,582		..	..	..	..	..	..	7	$22\frac{1}{2}$	20,336
			Total ..	14,839	12·90	..	..	..	..	..	..	15	$86\frac{1}{2}$	82,266
X. Vizagapatam.	96,000	19,200	Large—											
			Sanctioned	31,713		..	..	..	..	..	..	..	..	..
			Not sanctioned	28,890		..	..	..	..	..	..	2	$9\frac{1}{2}$	17,700
			Small	13,559		..	..	..	..	..	..	69	$66\frac{1}{2}$	38,820
			Total ..	74,162	77·25	..	..	..	..	..	..	71	76	56,520

Abstract of programme of relief works in the Vizagapatam district for the year 1897–98—*cont.*

Taluks.	Road works—*cont.*		Miscellaneous works.						Grand total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
VI. Chipurapalli	..	..	..	..	..	..	..	..	..	..	..	..
	1	6,100	..	..	..	..	..	..	8	1,18,891	2	40,891
	3	6,856	10	2,309	..	..	10	2,309	15	13,665	13	9,165
Total ..	4	12,956	10	2,309	..	..	10	2,309	23	1,32,556	15	50,056
VII. Vizianagram	..	..	..	..	..	..	..	..	4	25,000	4	25,000
	2	22,000	..	..	1	68,000	1	68,000	19	2,50,000	2	22,000
	13	24,891	61	26,179	..	..	61	26,179	81	65,146	21	31,206
Total ..	15	46,891	61	26,179	1	68,000	62	94,179	104	3,40,146	27	78,206
VIII. Sringavarapukota ..	1	5,725	..	..	..	..	..	..	1	5,725	1	5,725
	1	6,490	..	..	..	..	..	..	8	1,30,330	2	39,150
	4	4,647	111	11,675	115	40,500	226	52,175	238	80,427	6	9,727
Total ..	6	16,862	111	11,675	115	40,500	226	52,175	247	2,16,482	9	54,602
IX. Bimlipatam	..	..	..	..	..	..	..	..	1	7,480	1	7,480
	..	..	..	..	..	..	..	..	7	54,450	..	..
	22	27,845	2	1,183	..	..	2	1,183	31	49,364	12	26,614
Total ..	22	27,845	2	1,183	..	..	2	1,183	39	1,11,294	13	34,094
X. Vizagapatam	..	..	..	..	2	2,37,850	2	2,37,850	2	2,37,850	2	2,37,850
	1	5,775	..	..	1	1,93,200	1	1,93,200	4	2,16,675	4	2,16,675
	17	8,625	113	14,250	175	40,000	288	54,250	374	1,01,695	65	23,345
Total ..	18	14,400	113	14,250	178	4,71,050	291	4,85,300	380	5,56,220	71	4,77,870

Abstract of programme of relief works in the Vizagapatam district for the year 1897–98—*cont.*

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
						New.		Repairs.				New.		
			Class of work.	Numbers provided for on.	Total per centage of population	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Rs.		Rs.					Rs.
XI. Viravilli ..	198,000	39,600	Large—											
			Sanctioned	4,531	..	..	..	..	..	..	..	1	12	33,980
			Not sanctioned	1,867	..	..	..	..	..	..	..	2	20	14,000
			Small	3,171	..	..	..	15	4,900	..	..	8	32	9,740
			Total ..	9,569	4·83	..	..	15	4,900	..	..	11	64	57,720
XII. Anakápalli.	152,000	30,400	Large—											
			Sanctioned	..	..	..	..	..	..	..	..	..	..	..
			Not sanctioned	12,551	..	..	..	..	..	..	..	4	37	38,000
			Small	23,894	..	9	8,100	67	23,831	..	..	55	70	42,634
			Total ..	36,445	23·98	9	8,100	67	23,831	..	..	59	107	80,634
XIII. Sarvasiddhi.	155,000	31,000	Large—											
			Sanctioned	..	..	..	..	..	..	..	..	..	..	..
			Not sanctioned	19,941	..	2	36,000	1	11,870	..	..	7	48	80,520
			Small	13,941	..	25	2,348	72	18,350	..	..	4	9	12,850
			Total ..	33,882	21·86	27	38,348	73	30,220	..	..	11	57	93,370
XIV. Golgonda ..	119,000	23,800	Large—											
			Sanctioned	3,746	..	..	..	..	..	..	..	1	9	28,320
			Not sanctioned	7,852	..	..	..	1	28,000	..	..	1	8	20,000
			Small	19,271	..	14	10,070	45	93,200	..	..	10	47	10,800
			Total ..	30,869	25·96	14	10,070	46	1,21,200	..	..	12	64	59,120
District Total ..	1,941,000	388,200	Large—											
			Sanctioned	45,114	..	4	25,000	..	..	..	..	3	31	69,780
			Not sanctioned	139,708	..	2	36,000	2	39,870	..	..	71	610/36	9,48,038
			Small	136,463	..	48	20,518	797	2,32,811	..	..	191	359 7/36	2,16,915
			Grand Total ..	371,285	19·12	54	81,518	799	2,72,681	..	..	265	1,000 23/36	12,34,733

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.*		Miscellaneous works.						Grand total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
XI. Viravilli	..	..	..	..	..	..	..	..	1	33,980	1	33,980
	..	..	..	..	..	..	..	..	2	14,000	..	..
	4	5,762	4	3,381	..	..	4	3,381	31	23,783	7	8,143
Total ..	4	5,762	4	3,381	..	..	4	3,381	34	71,763	8	42,123
XII. Anakápalli	..	..	..	..	..	..	..	..	..	..	..	..
	3	31,505	4	24,625	..	..	4	24,625	11	94,130	5	41,130
	8	12,988	65	78,330	16	13,325	81	91,655	220	1,79,208	101	97,893
Total ..	11	44,493	69	1,02,955	16	13,325	85	1,16,280	231	2,73,338	106	1,39,023
XIII. Sarvasiddhi	..	..	..	..	..	..	..	..	..	..	..	..
	1	16,170	1	5,000	..	..	1	5,000	12	1,49,560	7	92,060
	10	11,096	126	59,910	..	..	126	59,910	237	1,04,554	189	83,729
Total ..	11	27,266	127	64,910	..	..	127	64,910	249	2,54,114	196	1,75,789
XIV. Golgonda	..	..	..	..	..	..	..	..	1	28,320	1	28,320
	1	10,890	..	..	..	..	..	..	3	58,890	2	38,890
	7	13,160	50	16,300	1	1,000	51	17,300	127	1,44,530	69	39,430
Total ..	8	24,050	50	16,300	1	1,000	51	17,300	131	2,31,740	72	1,06,640
District Total	1	5,725	..	..	2	2,37,850	2	2,37,850	10	3,38,355	6	3,13,355
	11	1,08,080	5	29,625	2	2,61,200	7	2,90,825	93	14,22,813	26	5,43,033
	106	1,55,721	711	2,95,782	385	1,01,725	1,096	3,97,507	2,238	10,23,472	646	4,32,872
Grand Total ..	118	2,69,526	716	3,25,407	389	6,00,775	1,105	9,26,182	2,341	27,84,640	678	12, 89,260

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
						New.		Repairs.				New.		
			Class of work.	Numbers provided for on.	Total per cent. of population.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AGENCY TRACTS.														
I. Rayaghada ..	90,000	18,000	Large—											
			Sanctioned	1,333		..	..	..	..	..	..	..	..	..
			Not sanctioned	13,000		..	..	..	..	..	..	..	..	..
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	14,333	15 92	..	..	..	..	..	..	..	..	..
II. Pârvatipuram.	40,000	8,000	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	8,000		..	..	..	..	..	..	..	..	..
			Small	560		..	..	..	..	..	..	..	..	..
			Total ..	8,560	21·25	..	..	..	..	..	..	..	..	..
III. Palkonda ..	11,000	2,200	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	..		..	..	..	..	..	..	..	..	..
			Small	133		..	..	..	..	..	..	..	..	..
			Total ..	133	1·20	..	..	..	..	..	..	..	..	..
IV. Pottanghi ..	1,17,000	23,400	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	..		..	..	..	..	..	..	..	..	..
			Small	266		..	..	..	..	..	..	..	..	..
			Total ..	266	·02	..	..	..	..	..	..	..	..	..
V. Koraput ..	74,000	14,800	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	1,333		..	..	..	..	..	..	..	..	..
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	1,333	1·80	..	..	..	..	..	..	..	..	..

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.*		Miscellaneous works.						Grand Total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
AGENCY TRACTS—*cont.*		Rs.								Rs.		Rs.
I. Rayaghada	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000
	2	97,500	..	..	..	..	..	..	2	97,500	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	3	1,97,500	..	..	..	..	..	..	3	1,97,500	1	10,000
II. Párvatípuram	..	..	..	..	..	..	..	..	..	..	..	..
	1	60,000	..	..	..	..	..	..	1	60,000	..	..
	1	4,200	..	..	..	..	..	..	1	4,200	..	..
Total ..	2	64,200	..	..	..	..	..	..	2	64,200	..	..
III. Palkonda	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	1	1,000	..	..	..	..	..	..	1	1,000	..	..
Total ..	1	1,000	..	..	..	..	..	..	1	1,000	..	..
IV. Pottanghi	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	1	2,000	..	..	..	..	..	..	1	2,000	..	..
Total ..	1	2,000	..	..	..	..	..	..	1	2,000	..	..
V. Koraput	..	..	..	..	..	..	..	..	..	..	..	..
	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
						New.		Repairs.				New.		
			Class of work.	Number provided for.	Total per cent. of population	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AGENCY TRACTS—*cont.*							Rs.		Rs.		Rs.			Rs.
VI. Jeypore and VII. Nowrangapuram.	2,56,000	51,200	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	5,333		..	..	..	..	..	..	..	..	..
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	5,333	2·08	..	..	..	..	..	..	..	..	..
VIII. Golgonda ..	29,000	5,800	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	15,866		..	..	..	..	..	..	2	..	47,000
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	15,866	54·71	..	..	..	..	..	..	2	..	47,000
of Agency ts.	6,17,000	1,23,400	Large—											
			Sanctioned	1,333		..	..	..	..	..	..	..	..	..
			Not sanctioned	43,533		..	..	..	..	..	..	2	..	47,000
			Small	960		..	..	..	..	..	..	..	..	..
			Grand Total ..	45,826	7·42	..	..	..	..	..	..	2	..	47,000

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.*		Miscellaneous works.						Grand total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
AGENCY TRACTS—*cont.*		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
VI. Jeypore and VII. Nowrangapuram.	..	..	..	..	..	..	..	..	..	..	..	..
	1	40,000	..	..	..	..	..	..	1	40,000	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	40,000	..	..	..	..	..	..	1	40,000	..	..
VIII. Golgonda	..	..	..	..	..	..	..	..	..	..	..	..
	1	72,000	..	..	..	..	..	..	3	1,19,000	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	72,000	..	..	..	..	..	..	3	1,19,000	..	..
Total of Agency tracts *	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000
	6	2,79,500	..	..	..	..	..	..	8	3,26,500	1	10,000
	3	7,200	..	..	..	..	..	..	3	7,200	..	..
Grand Total ..	10	2,96,700	..	..	..	..	..	..	12	3,43,700	2	20,000

* The provision made in the taluks of Párvatipuram, Palkonda, Bobbili, Sálúru, Gajapatinagram, Chípurapalli, Bimlipatam and Viravilli is far below the prescribed minimum. The attention of the President, District Board, has been invited to this fact and he has been requested to direct the Presidents of Taluk Boards concerned to amplify the existing provision in their respective taluks as far as practicable.

Order—No. 605, Revenue, dated 21st July 1897.

Miscellaneous.

Recorded.

(True Extract.)

(Signed) G. STOKES,
Ag. Secretary to Government.

To the Board of Revenue (Revenue Settlement, Land Records and Agriculture).
" the Public Works Department.
" the Local and Municipal Department.

Rd. Shaik Karim.

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G.O., No. 605, 21st July 1897.

JULY.

Programme of Famine-relief works.

Recording Board's Proceedings reviewing the — of the Vizagapatam district for 1897-98.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

Read—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 2nd July 1897, No. 482 :—

Read—Statement of Programme of works available for Famine Relief during 1897–98 from the Collector of the Vizagapatam district, dated 29th March 1897, Dis. No. 1052.

Read—also the following letter from W. O. HORNE, Esq., Acting Collector of Vizagapatam, to the Famine Secretary, Board of Revenue, Madras, dated Vizagapatam, 3rd June 1897, R. C. No. 2122 :—

With reference to paragraph 3 of Board's Proceedings, dated 10th May 1897, No. 352, I have the honour to report that active steps are in progress to carry out the orders of the Board and of Government therewith communicated.

2. I have consulted the Superintending Engineer of this circle as to the staff which will be required in his department in the event of serious famine being caused by the failure of the south-west monsoon. As the whole district would be affected, at least one large work, and in some cases, two, would be required in each taluk in the plains, and we consider that twenty overseers would be needed with a proportionate superior staff. Of course, in the event of total failure of the monsoon, the services of the Local Fund Overseers could be lent, which would reduce the number required for the Public Works Department by six. The list of tools sent with Board's Proceedings, dated 4th May 1897, No. 3113, shows no tools in this district, but I understand from the Executive Engineer that he has tools for about 20,000 workers. Tools for at least 100,000 will be required in the event now contemplated.

3. With regard to paymasters I could spare a taluk gumasta from each taluk for this work, and I think I should not be obliged to ask for extra hands for this particular work. Kitchen Superintendents, I could also procure locally.

4. All taluks are now being divided, and some have already been divided into circles for village relief, sites for poor houses are being fixed on, at one, per taluk, and villagewar lists are being prepared of persons who would probably become eligible for grain doles, those able to go to works and kitchens being excluded. These arrangements will, I hope, be completed in a week. At present the information is only partially to hand. I will report again about June 10, by which date also I shall be able to estimate the number of hands from outside the district required for Circle Inspectors, poor house Superintendents, &c. The existing district establishment affords but little margin to draw upon.

5. With regard to the Famine programme, I have not yet received the Board's review thereon, referred to in paragraph 3 of the Proceedings under reply, but I am painfully aware that my programme is utterly inadequate for any serious emergency.

Hitherto I do not think it was ever regarded very seriously and the required total to be spent on works was made up by all sorts of petty entries which served to swell it, but were utterly useless for practical purposes. I mean such entries, as repairs of drinking tanks at Rs. 200 or 300 each, wells at Rs. 10 to 50, clearing prickly-pear at so much per village and so forth. These works are, of course, of no use at all for the purposes of chapter VII of the Famine Code, and when work is wanted the only useful works on the programme are found to be (1) new roads for which perhaps the compensation for land to be acquired costs nearly as much as the construction, (2) useless and wasteful metal breaking and (3) digging drinking-water tanks which are in but few cases big enough to employ the number of people likely to require employment.

6. I have done what I can to reform the programme by adding new road schemes and omitting entries which were obviously only for show, but as eleven, out of my fourteen taluks, are zamindari, the works available are most limited, and there is no doubt that in a serious famine we should be driven to rely chiefly on the aforesaid metal breaking.

7. In the three Government taluks, the burden of providing large works ought to lie on the Public Works Department. In the Sarvasiddhi and Palkonda taluks there is ample scope for large schemes of irrigation if the subject is properly examined and I consider that in each of those taluks and Golgonda taluk the Public Works Department should prepare and keep ready at least one large scheme capable of employing 20,000 to 30,000 labourers for three or four months. The scheme should be approved too, because at present many of the works in the Public Works Department programme are condemned by the Superintending Engineer, and these objections ought to be made and rectified beforehand. I speak of large works because I do not doubt that in a serious famine we should have to abandon the idea of providing work within reach of the worker's homes and must concentrate labour, as, I believe, is done in the North-West Provinces.

Resolution—dated 2nd July 1897, No. 482.

The abstract of the programme of famine-relief works for 1897–98 received from the Collector of Vizagapatam will be submitted for the information of Government.

2. The programme contains provision for works as noted below :—

		LAKHS.
1. Irrigation works ...	New ...	0·82
	Repair ...	2·73
2. Roads	New ...	12·35
	Repair ...	2·70
3. Drinking water-supply ...		3·25
4. Miscellaneous		6·00
	Total ...	27·85

The total provision amounts to Rs. 27,84,640 and the works are estimated to provide employment for three months for 19 per cent. of the population of the district. The district consists of three Government taluks, eleven zamindaris and seven agency divisions. At present six of the taluks noted on the margin are reported to be affected. The provision made in each taluk or division distinguishing between the affected and non-affected tracts is shown in the subjoined statement :—

1. Chipurapalli.
2. Vizianagram.
3. Sringavarapukota.
4. Bimlipatam.
5. Vizagapatam.
6. Sarvasiddhi.

Taluks.	Population.	Number likely to receive relief (20 per cent.).	Provision required to be made for three months.	Provision made.	Percentage of population for whom this provision will suffice.
			Rs.	Rs.	
Affected.					
Chípurapalli	157,000	31,400	2,35,500	1,32,556	11·3
Vizianagram	167,000	33,400	2,50,500	3,40,146	27·2
Bimlipatam	115,000	23,000	1,72,500	1,11,294	12·9
Vizagapatam	96,000	19,200	1,44,000	5,56,220	77·3
Anakápalli	152,000	30,400	2,28,000	2,73,333	24·0
Sarvasiddhi	155,000	31,000	2,32,500	2,54,114	21·9
Total ..	842,000	168,400	12,63,000	16,67,668	26·4
Non-affected.					
Párvatípuram	109,000	21,800	1,63,500	69,454	8·5
Palkonda	208,000	41,600	3,12,000	1,45,080	9·3
Bobbili	129,000	25,800	1,93,500	1,53,590	15·9
Sálúru	83,000	16,600	1,24,500	66,845	10·7
Gajapatinagram	124,000	24,800	1,85,400	1,62,088	17·4
Sringavarapukóta	129,000	25,800	1,93,500	2,16,482	22·4
Viravalli	198,000	39,600	2,97,000	71,763	4·8
Golgonda	119,000	23,800	1,78,500	2,31,740	26·0
Total ..	1,099,000	219,800	16,48,500	11,16,972	13·6
Agency tracts.					
Rayaghada	90,000	18,000	1,35,000	1,07,500	15·9
Párvatípuram	40,000	8,000	60,000	64,200	21·3
Palkonda	11,000	2,200	16,500	1,000	1·2
Pottanghi	117,000	23,400	1,75,500	2,000	..
Koraput	74,000	14,800	1,11,000	10,000	1·8
Jeypore-Nowrangapuram	256,000	51,200	3,84,000	40,000	2·1
Golgonda	29,000	5,800	43,500	1,19,000	54·7
Total ..	617,000	123,400	9,25,500	3,43,700	7·4

It will be seen that Chípurapalli and Bimlipatam in the affected tracts and the whole of the non-affected tracts except Sringavarapukóta and Golgonda have not been adequately provided for.

3. The details of the provision made under the several classes of works are shown below :—

Taluka.	Irrigation works.												Roads.			
	Large.								Small.				Large.			
	Sanctioned.				Not sanctioned.								Sanctioned.			
	Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Affected.		Rs.				Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
Chípurapalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vizianagram	4	25,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bimlipatam	..	..	..	..	..	..	..	..	..	..	..	..	1	7,480	1	7,480
Vizagapatam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Anakápalli	..	..	..	..	..	..	..	..	76	31,931	39	7,431	..	..	..	..
Sarvasiddhi	..	..	..	..	3	47,870	3	47,870	62	20,698	62	20,698	..	..	..	..
Total ..	4	25,000	..	..	3	47,870	3	47,870	138	52,629	101	28,129	1	7,480	1	7,480
Non-affected.																
Párvatípuram	..	..	..	..	..	..	..	..	70	7,500	..	..	..	..	..	..
Palkonda	..	..	..	..	..	..	..	..	520	70,030	..	50,950	..	..	..	..
Bobbili	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sálúru	..	..	..	..	..	..	..	..	8	15,000	..	..	..	..	..	..
Gajapatinagram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sringavarapukota	..	..	..	..	..	..	..	..	..	..	..	..	1	5,725	1	5,725
Viravalli	..	..	..	..	..	..	..	..	15	4,900	..	..	1	33,980	1	33,980
Golgonda	..	..	..	..	1	28,000	1	28,000	59	1,03,270	14	10,070	1	28,320	1	28,320
Total ..	..	..	..	..	1	28,000	1	28,000	672	2,00,700	14	61,020	3	68,025	3	68,025
Agency tracts.																
Rayaghada	..	..	..	..	..	..	..	..	..	..	..	..	1	10,000	1	10,000
Párvatípuram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Palkonda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pottanghi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Koraput	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jeypore-Nowrangapuram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Golgonda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	..	..	..	..	..	..	..	..	1	10,000	1	10,000

Roads—*cont.*

Taluks.	Miscellaneous works.																							
	Sanctioned.						Others.						Sanctioned.						Others.					
	Approximate cost.		Estimates ready.				Approximate cost.		Estimates ready.				Approximate cost.		Estimates ready.				Approximate cost.		Estimates ready.			
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
	26	27	28	29	30	31	32	33	24	25	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
Affected.																								
Chípurapalli	2	1,18,891	2	40,891	10	2,309	10	2,309	1	6,856	1	11,587	1	11,356	1	40,891	5	11,356	1	2,309	1	6,856	1	11,587
Vizianagram	18	1,82,000	2	22,000	67	94,179	9	7,079	1	24,127	1	12,470	1	38,967	2	22,000	31	38,967	9	7,079	1	24,127	1	12,470
Bimlipatam	7	54,450	..	..	2	1,183	2	1,183	..	25,431	..	5,500	..	48,181	..	..	29	48,181	2	1,183	..	25,431	..	5,500
Vizagapatam	3	23,475	3	23,475	..	..	1	1,93,200	..	23,345	..	10,845	..	47,445	3	23,475	86	47,445	1	1,93,200	..	23,345	..	10,845
Anakápalli	7	69,505	2	21,505	85	2,47,450	1	88,455	2	21,032	..	503	..	55,622	2	21,505	63	55,622	1	88,455	2	21,032	..	503
Sarvasiddhi	8	96,690	4	44,190	127	64,910	..	51,935	..	11,096	..	9,727	..	23,946	4	44,190	14	23,946	..	51,935	..	11,096	..	9,727
Total ..	52	5,46,011	13	1,52,061	291	5,26,311	22	3,44,161	4	1,12,487	2	5,762	11	2,25,517	13	1,52,061	228	2,25,517	11	1,12,487	4	1,12,487	2	5,762
Non-affected.																								
Párvatípuram	3	40,467	1	18,267	62	1,400	61	1,000	..	..	..	20,087	7	18,267	10	20,087	..	..	..	..	..	..	..	20,087
Palkonda	5	40,150	1	9,150	15	5,930	15	5,930	..	..	..	28,970	..	9,150	15	28,970	..	..	..	..	..	..	..	28,970
Bobbili	4	1,32,920	1	24,820	2	9,700	1	700	..	..	..	11,000	3	24,820	6	11,000	..	..	..	..	..	..	..	11,000
Sálúra	3	34,000	..	..	23	8,000	..	..	..	..	..	14,845	..	..	6	14,845	..	..	..	..	..	..	..	14,845
Gajapatinagram	5	88,450	..	..	76	69,135	11	4,135	..	..	..	4,503	..	..	2	4,503	..	..	..	..	..	..	..	4,503
Bringavarapukota	8	1,80,330	2	39,150	225	52,175	..	..	..	..	..	28,252	12	39,150	12	28,252	..	..	..	..	..	..	..	28,252
Viravalli	2	14,000	..	..	4	2,381	..	2,381	..	..	..	15,502	4	..	27	15,502	..	..	..	..	..	..	..	15,502
Golgonda	2	30,890	1	10,890	61	17,300	1	8,600	..	..	..	23,960	..	10,890	54	23,960	..	..	..	..	..	..	..	23,960
Total ..	32	5,11,107	6	1,02,277	468	1,62,021	89	22,746	..	..	..	1,47,119	14	1,02,277	132	1,47,119	..	..	..	..	..	..	..	1,47,119
Agency tracts.																								
Rayaghada	2	97,500	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Párvatípuram	1	60,000	..	..	..	..	..	..	..	..	..	..	..	..	1	4,200	..	..	..	..	..	..	..	..
Palkonda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1,000	..	..	..	..	..	..	..	..
Pottangi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2,000	..	..	..	..	..	..	..	..
Korapat	..	10,000	1	10,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jeypore-Nowrangapuram	1	40,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Golgonda ..	3	1,19,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	8	3,26,500	1	10,000	3	7,200	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Small.

Taluks.	Not sanctioned.				Largo—*cont.*				Small.				Not sanctioned.				Largo—*cont.*			
	Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.		Approximate cost.		Estimates ready.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
	18	19	20	21	22	23	24	25	4	5	6	7	8	9	10	11	12	13	14	15
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
Affected.																				
Chípurapalli	9	1,18,891	2	40,891	5	11,356	1	6,856	1	11,587	1	40,891	5	11,356	1	6,856	1	11,587	1	40,891
Vizianagram	18	1,82,000	2	22,000	31	38,967	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bimlipatam	7	54,450	..	..	29	48,181	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vizagapatam	3	23,475	3	23,475	86	47,445	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Anakápalli	7	69,505	2	21,505	63	55,622	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sarvasiddhi	8	96,690	4	44,190	14	23,946	10	23,946	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	52	5,46,011	13	1,52,061	228	2,25,517	11	1,12,487	1	11,587	1	40,891	5	11,356	1	6,856	1	11,587	1	40,891
Non-affected.																				
Párvatípuram	3	40,467	1	18,267	10	20,087	7	..	..	..	..	..	..	..	..	..	..	..	..	..
Palkonda	5	40,150	1	9,150	15	28,970	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bobbili	4	1,32,920	1	24,820	6	11,000	3	..	..	..	..	..	..	..	..	..	..	..	..	..
Sálúra	3	34,000	..	..	6	14,845	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gajapatinagram	5	88,450	..	..	2	4,503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bringavarapukota	8	1,80,330	2	39,150	12	28,252	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Viravalli	2	14,000	..	..	27	15,502	4	..	..	..	..	..	..	..	..	..	..	..	..	..
Golgonda	2	30,890	1	10,890	54	23,960	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	32	5,11,107	6	1,02,277	132	1,47,119	14	..	..	..	..	..	..	..	..	..	..	..	..	..
Agency tracts.																				
Rayaghada	2	97,500	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Párvatípuram	1	60,000	..	..	1	4,200	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Palkonda	..	..	..	..	1	1,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pottangi	..	..	..	..	1	2,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Korapat	..	10,000	1	10,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jeypore-Nowrangapuram	1	40,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Golgonda ..	3	1,19,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	8	3,26,500	1	10,000	3	7,200	..	..	..	..	..	..	..	..	..	..	..	..	..	..

4. In Chípurapalli, the total provision made, Rs. 1,32,556, will suffice only for 11 per cent. of its population for three months. This sum, further, is made up of Rs. 1,30,247 provided for the construction and repair of fourteen roads and Rs. 2,309 for ten works designed to improve the supply of drinking water. Estimates are ready for the latter class of works; but, as regards roads, it is observed that none of them are sanctioned and that estimates are ready for only three of them costing Rs. 47,747. The preparation of the estimates for the remaining road works should be pushed on with vigour.

5. The total provision made in Vizianagram is adequate, but the works have mostly not been sanctioned, nor have estimates been prepared for many of them. A sum of Rs. 25,000 is put down for the construction of four irrigation works belonging to the Vizianagram zamindari. These are said to be sanctioned works from which it is presumed that they were sanctioned by the late Maharaja. Fifteen roads are proposed to be repaired at a cost of Rs. 46,891 and estimates are ready except for Rs. 5,930 to be sanctioned by the municipality for repairing four roads and drains. Rs. 1,74,076 are provided for the construction of 23 new roads. None of these works have been sanctioned nor are estimates ready except for a small sum of Rs. 5,166. Rs. 26,179 are proposed to be spent on the improvement of the drinking-water supply, but estimates are ready for only Rs. 7,079. It is shown that in addition to the provision noticed above, a sum of Rs. 1,50,000 may be spent on earthwork of the drinking-water project in Vizianagram municipality, but the project has not yet been investigated.

6. In Bimlipatam provision has been made for only 13 per cent. of the population and the bulk of the amount is proposed to be spent on the construction of fifteen new roads, of which only one, costing Rs. 7,480, has yet been brought under sanction, and for only one other, costing Rs. 2,836, has an estimate been prepared.

7. Twenty-four per cent. of the population in Anakápalli have been provided for, but over 40 per cent. of the provision consists of expenditure on miscellaneous works such as, the repair of drinking-water tanks and improvement of village-sites; and nearly 30 per cent. on the construction of new roads for most of which, estimates have not yet been prepared. No road work has yet been brought on the sanctioned list.

8. For Sarvasiddhi, a sufficient number of works has been entered in the programme. Out of a total provision of $2\frac{1}{2}$ lakhs, nearly 2 lakhs are proposed to be spent on road and irrigation works, but not a single large work under these heads has yet been brought under sanction. Estimates have, however, been prepared for more than a lakh. The Collector should lose no time in bringing large works under sanction. The details of the provision for irrigation works entered in form A (statement I) cannot be reconciled with particulars shown in statement II. This should be explained. It appears from the latter statement that, out of 112 works requiring repair, provision has been made for only 26. This is very inadequate and the programme requires considerable amplification under this head in communication with the Public Works Department. No effort should be spared to provide for works on which large sums can be profitably spent.

9. In Sringavarupukóta, provision has been made for 22 per cent. of the population. The sum provided is Rs. 2,16,482, of which nearly one-fourth is proposed to be spent on petty works, such as, improvement of village-sites, and sources of drinking-water supply, and the rest almost wholly on the construction of new roads. None of these have been brought under sanction and the estimates are ready for only a small amount.

10. In Golgonda taluk, the provision made would suffice for upwards of 25 per cent. of the population. Estimates are also ready for a large number of works. It is noted, however, that the repair of 19 works under Public Works Department has not been provided for.

11. Out of a provision of $5\frac{1}{2}$ lakhs for the Vizagapatam taluk, $4\frac{3}{4}$ lakhs are proposed to be spent on miscellaneous works, the chief of which are the following :—

	Rs.
(*a*) Earthwork in the Vizagapatam swamp connected with the harbour project	1,93,200
(*b*) Earthwork for the Hanumanthavaka water project	77,640
(*c*) Reclamation of the swamp between the railway and the town.	1,60,210
Total ...	4,31,050

Works (*b*) and (*c*) have been sanctioned and estimates are ready for (*a*).

12. In the remaining taluks the provision made is very inadequate; although these are unaffected at present, it is very necessary that the district officers should be ready with schemes of relief in all of them to meet emergencies. It is observed that no proposal is made to repair 41 tanks in Palkonda in charge of the Public Works Department although they are reported to be out of repair.

13. The reason for the omission of forest-fencing works, in the programme, is not explained.

14. It is observed that the Collector has made an additional provision of Rupees 3,43,700 for twelve road works in the Agency tracts of the district, but estimates are ready for only two roads at a cost of Rs. 20,000.

15. No provision is made under loans works in any of the taluks. It should be reported whether there is no scope for this kind of relief in any part of the district.

16. Owing to the fact that most of the taluks in the district are zamindari, the works available for famine relief are limited; the provision made in the Government taluks should however be enlarged by the addition of more "large works" and the necessary steps in this direction should be taken by the Public Works Department.

(True Copy and Extract.)

(Signed) L. E. BUCKLEY,
Famine Secretary.

To the Secretary to Government, Revenue Department.

Copy to the Collector of Vizagapatam.

APPENDIX.

Abstract of programme of relief works in the Vizagapatam district for the year 1897–98.

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
						New.		Repairs.				New.		
			Class of work.	Numbers provided for on.	Total per cent. of population.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
									Rs.					Rs.
I. Párvatipuram.	1,09,000	21,800	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	5,395		..	..	..	..	..	..	3	13	40,467
			Small	3,865		..	..	70	7,500	..	..	3	7½	8,500
			Total ..	9,260	8·49	..	..	70	7,500	..	..	6	20½	48,967
II. Palkonda ..	2,08,000	41,600	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	5,353		..	..	..	..	..	..	4	26	31,000
			Small	13,991		..	..	520	70,030	..	..	12	$22\frac{7}{12}$	20,051
			Total ..	19,344	9·30	..	..	520	70,030	..	..	16	$48\frac{7}{12}$	51,051
III. Bobbili ..	1,29,000	25,800	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	17,709		..	..	..	..	..	..	4	45	1,32,820
			Small	2,760		..	..	..	..	..	..	3	2½	5,500
			Total ..	20,469	15·86	..	..	..	..	..	..	7	47½	1,38,320
IV. Sálúra ..	83,000	16,600	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	4,553		..	..	..	..	..	..	2	18	34,000
			Small	4,379		..	..	8	15,000	..	..	1	½	1,000
			Total ..	8,912	10·73	..	..	8	15,000	..	..	3	18½	35,000
V. Gajapatinagram.	1,24,000	24,800	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	11,793		..	..	..	..	..	..	5	62	88,450
			Small	9,818		..	..	..	..	..	..	2	4½	4,503
			Total ..	21,611	17·42	..	..	..	..	..	..	7	66½	92,953

[Appendix.

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.*		Miscellaneous works.						Grand total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
I. Párvatípuram	..	..	..	..	..	..	..	..	.. 3	40,467	.. 1	18,267
	.. 7	.. 11,587	.. 62	.. 1,400	.. ..	.. ..	.. 62	.. 1,400	142	28,987	68	12,587
Total ..	7	11,587	62	1,400	..	..	62	1,400	145	69,454	69	30,854
II. Palkonda	..	..	..	..	..	..	..	..	.. 5	40,150	..	..
	1	9,150	..	..	..	..	..	..	..	..	..	..
	3	8,919	15	5,930	..	..	15	5,930	550	1,04,930	75	69,350
Total ..	4	18,069	15	5,930	..	..	15	5,930	555	1,45,080	75	69,350
III. Bobbíli	..	..	..	..	..	..	..	..	.. 4	1,32,820	.. 1	24,820
	..	..	..	..	..	..	..	..	77	20,700	4	6,200
	3	5,500	6	3,700	65	6,000	71	9,700				
Total ..	3	5,500	6	3,700	65	6,000	71	9,700	81	1,53,520	5	31,020
V. Sálúru	..	..	..	..	..	..	..	..	.. 2	34,000	..	..
	..	..	..	..	..	..	..	..	37	32,845	4	10,845
	5	13,845	10	2,100	13	900	23	3,000				
Total ..	5	13,845	10	2,100	13	900	23	3,000	39	66,845	4	10,845
V. Gajapatinagram	..	..	..	..	..	..	..	..	.. 5	88,450	..	..
	..	..	..	..	..	..	..	..	78	73,638	12	4,638
	..	..	76	69,135	..	..	76	69,135				
Total ..	..	..	76	69,135	..	..	76	69,135	83	1,62,088	12	4,638

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
						New.		Repairs.				New.		
			Class of work.	Numbers provided for on	Total percentage of population.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Rs.							Rs.
VI. Chípurapalli.	157,000	31,400	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	77	..
			Not sanctioned	15,852		..	..	..	..	..	..	7	..	1,12,791
			Small	1,822		..	..	..	..	..	..	2	8	4,500
			Total ..	17,674	11·25	..	..	..	..	..	..	9	85	1,17,291
VII. Vizianagram.	167,000	33,400	Large—											
			Sanctioned	3,333		4	25,000	..	..	..	..	..	..	..
			Not sanctioned	33,333		..	..	..	..	..	..	16	120	1,60,000
			Small	8,686		..	..	..	..	..	..	7	18	14,076
			Total ..	45,352	27·15	4	25,000	..	..	..	..	23	138	1,74,076
VIII. Sringavarapukota.	129,000	25,800	Large—											
			Sanctioned	763		..	..	..	..	..	..	..	..	..
			Not sanctioned	17,377		..	..	..	..	..	..	7	73	1,23,840
			Small	10,724		..	..	..	..	..	..	8	49	23,605
			Total ..	28,864	22·37	..	..	..	..	..	..	15	122	1,47,445
IX. Bimlipatam.	115,000	23,000	Large—											
			Sanctioned	997		..	..	..	..	..	..	1	10	7,480
			Not sanctioned	7,260		..	..	..	..	..	..	7	54	54,450
			Small	6,582		..	..	..	..	..	..	7	22½	20,336
			Total ..	14,839	12·90	..	..	..	..	..	..	15	86½	82,266
X. Vizagapatam.	96,000	19,200	Large—											
			Sanctioned	31,713		..	..	..	..	..	..	..	..	..
			Not sanctioned	28,890		..	..	..	..	..	..	2	9½	17,700
			Small	13,559		..	..	..	..	..	..	69	66½	38,820
			Total ..	74,162	77·25	..	..	..	..	..	..	71	76	56,520

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.*		Miscellaneous works.						Grand total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
VI. Chipurapalli	..	..	..	..	..	..	..	..	..	..	..	..
	1	6,100	..	..	..	..	..	..	8	1,18,891	2	40,891
	3	6,856	10	2,309	..	..	10	2,309	15	13,665	13	9,165
Total ..	4	12,956	10	2,309	..	..	10	2,309	23	1,32,556	15	50,056
VII. Vizianagram	..	..	..	..	..	..	..	..	4	25,000	4	25,000
	2	22,000	..	..	1	68,000	1	68,000	19	2,50,000	2	22,000
	13	24,891	61	26,179	..	..	61	26,179	81	65,146	21	31,206
Total ..	15	46,891	61	26,179	1	68,000	62	94,179	104	3,40,146	27	78,206
VIII. Sringavarapukota ..	1	5,725	..	..	..	..	..	..	1	5,725	1	5,725
	1	6,490	..	..	..	..	..	..	8	1,30,330	2	39,150
	4	4,647	111	11,675	115	40,500	226	52,175	238	80,427	6	9,727
Total ..	6	16,862	111	11,675	115	40,500	226	52,175	247	2,16,482	9	54,602
IX. Bimlipatam	..	..	..	..	..	..	..	..	1	7,480	1	7,480
	..	..	..	..	..	..	..	..	7	54,450	..	..
	22	27,845	2	1,183	..	..	2	1,183	31	49,364	12	26,614
Total ..	22	27,845	2	1,183	..	..	2	1,183	39	1,11,294	13	34,094
X. Vizagapatam	..	..	..	..	2	2,37,850	2	2,37,850	2	2,37,850	2	2,37,850
	1	5,775	..	..	1	1,93,200	1	1,93,200	4	2,16,675	4	2,16,675
	17	8,625	113	14,250	175	40,000	288	54,250	374	1,01,695	65	23,345
Total ..	18	14,400	113	14,250	178	4,71,050	291	4,85,300	380	5,56,220	71	4,77,870

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
						New.		Repairs.				New.		
			Class of work.	Numbers provided for on.	Total per centage of population.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Rs.		Rs.					Rs.
XI. Viravilli ..	198,000	39,600	Large—											
			Sanctioned	4,531	..	..	..	..	..	..	..	1	12	33,980
			Not sanctioned	1,867	..	..	..	..	..	..	..	2	20	14,000
			Small	3,171	..	..	..	15	4,900	..	..	8	32	9,740
			Total ..	9,569	4·83	..	..	15	4,900	..	..	11	64	57,720
XII. Anakápalli.	152,000	30,400	Large—											
			Sanctioned	..	..	..	..	..	..	..	..	..	..	..
			Not sanctioned	12,551	..	..	..	..	..	..	..	4	37	38,000
			Small	23,894	..	9	8,100	67	23,831	..	..	55	70	42,634
			Total ..	36,445	23·98	9	8,100	67	23,831	..	..	59	107	80,634
XIII. Sarvasiddhi.	155,000	31,000	Large—											
			Sanctioned	..	..	..	..	..	..	..	..	..	..	..
			Not sanctioned	19,941	..	2	36,000	1	11,870	..	..	7	48	80,520
			Small	13,941	..	25	2,348	72	18,350	..	..	4	9	12,850
			Total ..	33,882	21·86	27	38,348	73	30,220	..	..	11	57	93,370
XIV. Golgonda ..	119,000	23,800	Large—											
			Sanctioned	3,746	..	..	..	..	..	..	..	1	9	28,320
			Not sanctioned	7,852	..	..	..	1	28,000	..	..	1	8	20,000
			Small	19,271	..	14	10,070	45	93,200	..	..	10	47	10,800
			Total ..	30,869	25·96	14	10,070	46	1,21,200	..	..	12	64	59,120
District Total ..	1,941,000	388,200	Large—											
			Sanctioned	45,114	..	4	25,000	..	..	..	..	3	31	69,780
			Not sanctioned	189,708	..	2	36,000	2	39,870	..	..	71	$610\frac{1}{2}$	9,48,038
			Small	136,463	..	48	20,518	797	2,32,811	..	..	191	$359\frac{7}{56}$	2,16,915
			Grand Total ..	371,285	19·12	54	81,518	799	2,72,681	..	..	265	$1,000\frac{33}{56}$	12,34,733

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.* Repairs.		Miscellaneous works. Drinking-water supply.		Others.		Total.		Grand total.		Works for which estimates are ready.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
XI. Viravilli	..	..	..	..	..	..	..	..	1	33,980	1	33,980
	..	..	..	..	..	..	..	..	2	14,000	..	..
	4	5,762	4	3,381	..	..	4	3,381	31	23,783	7	8,143
Total ..	4	5,762	4	3,381	..	..	4	3,381	34	71,763	8	42,123
XII. Anakápalli	..	..	..	..	..	..	..	..	..	..	..	..
	3	31,505	4	24,625	..	..	4	24,625	11	94,130	5	41,130
	8	12,988	65	78,330	16	13,325	81	91,655	220	1,79,208	101	97,893
Total ..	11	44,493	69	1,02,955	16	13,325	85	1,16,280	231	2,73,338	106	1,39,023
XIII. Sarvasiddhi	..	..	..	..	..	..	..	..	..	..	..	..
	1	16,170	1	5,000	..	..	1	5,000	12	1,49,560	7	92,060
	10	11,096	126	59,910	..	..	126	59,910	237	1,04,554	189	83,729
Total ..	11	27,266	127	64,910	..	..	127	64,910	249	2,54,114	196	1,75,789
XIV. Golgonda	..	..	..	..	..	..	..	..	1	28,320	1	28,320
	1	10,890	..	..	..	..	..	..	3	58,890	2	38,890
	7	13,160	50	16,300	1	1,000	51	17,300	127	1,44,530	69	39,430
Total ..	8	24,050	50	16,300	1	1,000	51	17,300	131	2,31,740	72	1,06,640
District Total	1	5,725	..	..	2	2,37,850	2	2,37,850	10	3,38,355	6	3,13,355
	11	1,08,080	5	29,625	2	2,61,200	7	2,90,825	93	14,22,813	26	5,43,033
	106	1,55,721	711	2,95,782	385	1,01,725	1,096	3,97,507	2,238	10,23,472	646	4,32,872
Grand Total ..	118	2,69,526	716	3,25,407	389	6,00,775	1,105	9,26,182	2,341	27,84,640	678	12, 89,260

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months. Class of work.	Numbers provided for on.	Total per cent. of population.	Irrigation works. New. Number.	New. Amount.	Repairs. Number.	Repairs. Amount.	Forest-fencing works. Number.	Forest-fencing works. Amount.	Road works. New. Number.	Road works. New. Miles.	Road works. New. Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AGENCY TRACTS.														
I. Rayaghada ..	90,000	18,000	Large—											
			Sanctioned	1,333		..	..	..	..	..	..	..	..	..
			Not sanctioned	13,000		..	..	..	..	..	..	..	..	..
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	14,333	15·92	..	..	..	..	..	..	..	..	..
II. Párvatipuram.	40,000	8,000	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	8,000		..	..	..	..	..	..	..	..	..
			Small	560		..	..	..	..	..	..	..	..	..
			Total ..	8,560	21·25	..	..	..	..	..	..	..	..	..
III. Palkonda ..	11,000	2,200	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	..		..	..	..	..	..	..	..	..	..
			Small	133		..	..	..	..	..	..	..	..	..
			Total ..	133	1·20	..	..	..	..	..	..	..	..	..
IV. Pottanghi ..	1,17,000	23,400	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	..		..	..	..	..	..	..	..	..	..
			Small	266		..	..	..	..	..	..	..	..	..
			Total ..	266	·02	..	..	..	..	..	..	..	..	..
V. Koraput ..	74,000	14,800	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	1,333		..	..	..	..	..	..	..	..	..
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	1,333	1·80	..	..	..	..	..	..	..	..	..

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.*		Miscellaneous works.						Grand Total.		Works for which estimates are ready.	
	Repairs.		Drinking-water supply.		Others.		Total.					
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
AGENCY TRACTS—*cont.*		Rs.								Rs.		Rs.
I. Rayaghada	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000
	2	97,500	..	..	..	..	..	..	2	97,500	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	3	1,07,500	..	..	..	..	..	..	3	1,07,500	1	10,000
II. Párvatípuram	..	..	..	..	..	..	..	..	..	..	..	..
	1	60,000	..	..	..	..	..	..	1	60,000	..	..
	1	4,200	..	..	..	..	..	..	1	4,200	..	..
Total ..	2	64,200	..	..	..	..	..	..	2	64,200	..	..
III. Palkonda	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	1	1,000	..	..	..	..	..	..	1	1,000	..	..
Total ..	1	1,000	..	..	..	..	..	..	1	1,000	..	..
IV. Pottanghi	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	1	2,000	..	..	..	..	..	..	1	2,000	..	..
Total ..	1	2,000	..	..	..	..	..	..	1	2,000	..	..
V. Koraput	..	..	..	..	..	..	..	..	..	..	..	..
	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Population by last census in thousands.	Maximum number of persons for whom relief may be required daily in the event of serious famine.	Persons provided for by relief works daily for three months.			Irrigation works.				Forest-fencing works.		Road works.		
						New.		Repairs.				New.		
			Class of work.	Number provided for.	Total per cent. of population	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Miles.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Rs.		Rs.		Rs.			Rs.
AGENCY TRACTS —*cont.*			Large—											
VI. Jeypore and VII. Nowrangapuram.	2,56,000	51,200	Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	5,333		..	..	..	..	..	..	..	..	..
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	5,333	2·08	..	..	..	..	..	..	..	..	..
VIII. Golgonda ..	29,000	5,800	Large—											
			Sanctioned	..		..	..	..	..	..	..	..	..	..
			Not sanctioned	15,866		..	..	..	..	..	..	2	..	47,000
			Small	..		..	..	..	..	..	..	..	..	..
			Total ..	15,866	54·71	..	..	..	..	..	..	2	..	47,000
Total of Agency tracts.	6,17,000	1,23,400	Large—											
			Sanctioned	1,333		..	..	..	..	..	..	..	..	..
			Not sanctioned	43,533		..	..	..	..	..	..	2	..	47,000
			Small	960		..	..	..	..	..	..	..	..	..
			Grand Total ..	45,826	7·42	..	..	..	..	..	..	2	..	47,000

Abstract of programme of relief works in the Vizagapatam district for the year 1897-98—*cont.*

Taluks.	Road works—*cont.* Repairs.		Miscellaneous works. Drinking-water supply.		Others.		Total.		Grand total.		Works for which estimates are ready.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Approximate cost.	Number.	Cost.
	16	17	18	19	20	21	22	23	24	25	26	27
AGENCY TRACTS—*cont.*		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
VI. Jeypore and VII. Nowrangapuram.	..	..	..	..	..	..	..	..	..	..	..	..
	1	40,000	..	..	..	..	..	..	1	40,000	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	40,000	..	..	..	..	..	..	1	40,000	..	..
VIII. Golgonda	..	..	..	..	..	..	..	..	..	..	..	..
	1	72,000	..	..	..	..	..	..	3	1,19,000	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	1	72,000	..	..	..	..	..	..	3	1,19,000	..	..
Total of Agency tracts *	1	10,000	..	..	..	..	..	..	1	10,000	1	10,000
	6	2,79,500	..	..	..	..	..	..	8	3,26,500	1	10,000
	3	7,200	..	..	..	..	..	..	3	7,200	..	..
Grand Total ..	10	2,96,700	..	..	..	..	..	..	12	3,43,700	2	20,000

* The provision made in the taluks of Párvatipuram, Palkonda, Bobbili, Sálúru, Gajapatinagram, Chípurapalli, Bimlipatam and Viravilli is far below the prescribed minimum. The attention of the President, District Board, has been invited to this fact and he has been requested to direct the Presidents of Taluk Boards concerned to amplify the existing provision in their respective taluks as far as practicable.

Order—No. 605, Revenue, dated 21st July 1897.

Miscellaneous.

Recorded.

(True Extract.)

(Signed) G. STOKES,
Ag. Secretary to Government.

To the Board of Revenue (Revenue Settlement, Land Records and Agriculture).
„ the Public Works Department.
„ the Local and Municipal Department.

Exd. Shaik Karim.

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