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MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 134

Press
Mis.

Dated 20.1.1871

Not to be folded or roughly handled

Passing orders on the Public Works Budget of the Madras Presidency for the year 1871-72. (Here enter 15th December 1870, No.

No. 279.

ORDER THEREON, 20th January 1871, No. 134.

Local Funds, No. 15.

Account.

THE attention of the Board of Revenue will be called to the remarks contained in paragraph 50 of the above G. O. as to the entry in the District

Road Fund Budget of numerous unsanctioned works, with reference to the G. O., No. 1,255, dated 15th August 1870, in this department.

2. The reason assigned by the Government of India in their Circular Order, dated 14th October 1869, No. 90, Public Works Department (Account), for prohibiting similar entries in the Imperial Budget was, that the practice had been found to result in the non-application of large sums to the purpose originally intended and their transfer to increase the appropriation for other works, whereby the Budget-estimate ceased to be a reliable indication of the actual course of expenditure.

3. It is to be observed that this argument does not apply with equal force to the District Road Fund of this Presidency, the appropriations from which cannot, as in the case of Imperial Funds, be transferred from one kind of work to another, as for instance, from roads to buildings, or ordinary irrigation works. Not only is the *course*, which expenditure must take prescribed by the law, but also the locality in which it must take place, for funds cannot be transferred from one district to another.

4. Moreover, unexpended funds do not lapse at the end of the year as in the case of imperial grants, but merely go to swell the available fund for future requirements, so that if the full amounts required for all *sanctioned* works, or capable of being usefully spent on them in the year, are assigned to them, the anticipatory distribution of the surplus among unsanctioned projects, although no expenditure can actually be made on them until estimates are sanctioned, is not so open to objection as it is in the case of Imperial Funds.

5. It is also to be remembered that it is not yet the case in regard to district roads that sanctioned works are perforce held in abeyance for want of funds which have been appropriated for unsanctioned works, or assigned in excess of the practical requirements of the year to works in progress. It may safely be assumed, as a rule at present, that when any portion of a District Road Fund is assigned by anticipation for future expenditure on an as yet unsanctioned project, then all sanctioned works in the range, within which alone the money can legally be expended, have been fully provided with funds for the year's expenditure, and the surplus so assigned by anticipation cannot be otherwise employed.

prove mischief by giving a false idea of the
the district concerned, and by rendering uncertain the arrangements
Executive Department. It may also even tend to hinder the speedy
on of estimates.

7. The Budget has to be prepared so long before the commencement of the
working season, and the number of unsanctioned projects is so large, and that of
sanctioned works in progress so comparatively small, that the Government, knowing
the objections that exist to Supplemental Budgets, are unwilling absolutely to
exclude all unsanctioned projects from the regular Budget. They, however,
desire that the Board will impress on Collectors the very great importance of
their obtaining from the Public Works Department the necessary detailed estimates
for proposed works with the least possible delay, and that they are to abstain from
including in their Road Fund Budgets any unsanctioned project, the estimate for
which is not likely to be submitted to Government for sanction within the first
four months at latest of the year to which the Budget relates.

(True Extract.)

(Signed) W. HUDLESTON,
Secretary to Government.

To the Board of Revenue, with G. O., Public Works Department, No. 3,044.
,, the Public Works Department.

Ed. F. R. Bantleman.

PUBLIC WORKS DEPARTMENT.
BUDGET ESTIMATE
OF THE
GOVERNMENT OF MADRAS
FOR THE YEAR
1871-72.

Govt. of Madras.

REVENUE.

THE BOARD OF REVENUE.

Ac. Ac. &c.

Printed January 20th.

Recd.

Recd.

G. O., 20th January 1871, No. 134.

JANUARY.

Nos. 278-279.

Notice of sanctioned works in Local Fund Budget.—Proceedings of Government in Public Works Department prohibiting this course for the future, with orders thereon.

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GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF THE PUBLIC WORKS DEPARTMENT FOR 1871-72.

Part I.—Section A.

ABSTRACT OF THE ESTIMATED CHARGES FOR PUBLIC WORKS FOR THE YEAR FROM 1ST APRIL 1871 TO 31ST MARCH 1872, INCLUDING ORDINARY AND EXTRAORDINARY EXPENDITURE.

							Reference to detailed Estimate.	Estimate, 1871-72.	Estimate, 1870-71.	TOTAL.	
										1871-72.	1870-71.
ORIGINAL WORKS.							Page.	Rs.	Rs.	Rs.	Rs.
Military	...	...	...	...	...	7	2,80,000	4,00,000			
Civil Buildings	...	...	...	...	...	9	3,88,500	4,87,000			
Agricultural	{ Ordinary	...	...	...	...	13	2,94,200	3,96,200			
	{ Extraordinary	...	...	...	...		15,75,000	18,80,000			
Communications	...	...	...	...	...	21	2,70,000	2,70,000			
Miscellaneous Public Improvement	...	...	...	...	...	23	24,500	23,800	28,32,200	34,57,000	
REPAIRS.											
Military	...	...	...	...	...	26	2,20,000	2,00,000			
Civil Buildings	...	...	...	...	...	30	1,14,000	1,10,000			
Agricultural	...	...	...	...	...	31	12,00,000	12,00,000			
Communications	...	...	...	...	...	43	9,53,300	9,30,000			
Miscellaneous Public Improvement	...	...	...	...	...	44	15,000	15,000	25,04,300	24,55,000	
ESTABLISHMENT.											
Ordinary	...	...	...	...	...	50	14,77,700	13,09,200			
Extraordinary	...	...	...	...	...		2,00,000	3,00,000	16,77,700	16,09,200	
TOOLS AND PLANT.											
Ordinary	...	...	...	...	...	51	1,30,000	1,30,000			
Extraordinary	...	...	...	...	...		20,000	20,000	1,50,000	1,50,000	
STATE OUTLAY ON IRRIGATION WORKS.											
Madras Irrigation and Canal Company.	...	...	...	...	...	52	55,800	55,800	55,800	53,800	
STATE OUTLAY ON RAILWAYS.											
Guaranteed Railways	...	...	...	...	...	54	2,72,000	2,04,700	2,72,000	2,04,700	
State Railways	...	...	...	...	...	...	...	...	...	...	
ABSTRACT.											
									GRAND TOTAL...	74,92,000	79,29,700
ESTIMATE OF ORDINARY EXPENDITURE, AS PER PART I., SECTION B.										56,97,000	57,29,700
Do. OF EXTRAORDINARY EXPENDITURE, AS PER PART I., SECTION C.										17,95,000	22,00,000
TOTAL										74,92,000	79,29,700
DECREASE...										4,37,700	

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF THE PUBLIC WORKS DEPARTMENT FOR 1871-72.

Part I.—Section B.

ABSTRACT OF THE ESTIMATED CHARGES FOR PUBLIC WORKS FOR THE YEAR FROM 1st APRIL 1871 TO 31st MARCH 1872, SHOWING ORDINARY CHARGES ONLY.

	Reference to detailed Estimate.	Estimate, 1871-72.	Estimate, 1870-71.	TOTAL.	
				1871-72.	1870-71.
PUBLIC WORKS.	Page.	Rs.	Rs.	Rs.	Rs.
<i>Military.</i>					
Original Works	7	2,80,000	4,00,000		
Repairs	26	2,20,000	2,00,000	5,00,000	6,00,000
<i>Agricultural.</i>					
Original works	13	2,94,200	3,96,200		
Repairs	31	12,00,000	12,00,000	14,94,200	15,96,200
<i>Other services.</i>					
Civil Buildings {Original works	9	3,88,500	4,87,000		
Repairs	30	1,14,000	1,10,000		
Communications {Original works	21	2,70,000	2,70,000		
Repairs	43	9,55,300	9,30,000		
Miscellaneous {Original works	23	24,500	23,800		
Public Improvement {Repairs	44	15,000	15,000		
Establishment	50	14,77,700	13,09,200		
Tools and Plant	51	1,30,000	1,30,000	33,75,000	32,75,000
TOTAL PUBLIC WORKS...				53,69,200	54,71,200
<i>IRRIGATION WORKS.</i>					
Outlay on Madras Irrigation and Canal Company's Works	52	55,800	53,800	55,800	53,800
<i>RAILWAYS.</i>					
Outlay on State Railways ... ..	...	.....	.....	.....	.....
Do. Guaranteed Railways	54	2,72,000	2,04,700	2,72,000	2,04,700
TOTAL AMOUNT OF ESTIMATE FOR ORDINARY EXPENDITURE...				56,97,000	57,29,700
NET DECREASE IN 1871-72...					32,700

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF THE PUBLIC WORKS DEPARTMENT FOR 1871-72.

Part I.—Section C.

ABSTRACT OF THE ESTIMATED CHARGES FOR PUBLIC WORKS FOR THE YEAR FROM 1st APRIL 1871 TO 31st MARCH 1872, SHOWING EXTRAORDINARY CHARGES ONLY.

	Reference to detailed Estimate.	Estimate, 1871-72.	Estimate, 1870-71.	TOTAL.	
				1871-72.	1870-71.
	Page.	Rs.	Rs.	Rs.	Rs.
<i>IRRIGATION WORKS.</i>					
Original works	13	15,75,000	18,80,000		
Establishment	50	2,00,000	3,00,000		
Tools and Plant	51	20,000	20,000		
		17,95,000	22,00,000	17,95,000	22,00,000
<i>PORT TRUST WORKS.</i>					
Original works	...	...	...	...	...
<i>STATE RAILWAYS.</i>					
				...	...
TOTAL AMOUNT OF ESTIMATE FOR EXTRAORDINARY WORKS ...				17,95,000	22,00,000
DECREASE ...				4,05,000	

CHARGES TO BE INCURRED BY THE PUBLIC WORKS DEPARTMENT FROM IMPERIAL AND LOCAL FUNDS AS DETAILED WITHIN :—

	1871-72.							1870-71.
	Original works.	Repairs.	Establishment.	Tools and Plant.	Railways.	Madras Irrigation and Canal Company.	Total.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial Funds as per Part I.	28,32,200	25,04,300	16,77,700	1,50,000	2,72,000	55,800	74,92,000	79,29,700
Local Funds...	13,80,510	7,38,210	3,33,010	23,900	.....	.....	21,75,630	22,68,870
	42,12,710	32,42,510	20,10,710	1,73,900	2,72,000	55,800	99,67,630	101,98,570

GOVERNMENT

Part

DETAIL OF ESTIMATE FOR

EXECUTIVE DIVISION.	PROJECTS.		
	No.	Locality.	Description.
MILITARY.			
Bellary ...	1	Bellary ...	New Garrison Main Guard, with out-houses, etc.
Do. ...	2	Do. ...	Family Quarters, with out-houses complete, for the Garrison Battery
Do. ...	3	Do. ...	Guard-room for the Royal Horse Artillery
Do. ...	4	Do. ...	Improvements to the Barrack Latrines of Her Majesty's 3-60th Rifles
Do. ...	5	Do. ...	Do. to drainage of Barracks and Family Quarters, Royal Horse Artillery
Do. ...	6	Do. ...	Constructing a Latrine for the Royal Horse Artillery
Do. ...	7	Ghooty ...	Do. a Rest-house
Chingleput ...	8	St. Thomas' Mount ...	Barracks, etc., for two Field Batteries in the Horse Artillery Lines
Bangalore ...	9	Bangalore ...	Buildings for the accommodation of an additional Regiment of Native Infantry
Do. ...	10	Do. ...	Drinking Water Scheme from the Ulsoor Tank and Dhobies' wells
Do. ...	11	Do. ...	Constructing a Cook-room for Recreation-room and Serjeants' Mess, Cavalry Barracks
Do. ...	12	Do. ...	Hospital Serjeant's Quarters to Pavilion already built, Race-course
Do. ...	13	Do. ...	School-room for adults (Infantry)
Malabar ...	14	Cannanore ...	Renewing the floors of the European Infantry Barracks
Do. ...	15	Do. ...	Constructing Fives Court for the Artillery
Do. ...	16	Do. ...	Plastering ten blocks of married quarters
Neilgherries ...	17	Ootacamund ...	Lawrence Asylum Buildings
	18	.....	Grant for Minor works the estimated cost of which does not exceed Rupees 2,500 each
Total, MILITARY...			
CIVIL BUILDINGS.			
Chingleput ...	19	Sydapett ...	Cutcherry at Homes' Gardens
Wynaad ...	20	Manantoddy ...	Office for Deputy Collector
Presidency ...	21	Beach ...	Additional Storage room for Iron at the Sea Custom Office inclusive of a Police Tannah
Do. ...	22	Chepauk ...	Improvements to the Revenue Board Office buildings
Vizagapatam ...	23	Vizagapatam ...	Post Office
Do. ...	24	Waltair ...	Lunatic Asylum
Presidency ...	25	Kilpauk ...	Do. at Locock's Gardens
Do. ...	26	Black Town ...	Constructing a Reservoir at General Hospital
Malabar ...	27	Calicut ...	Lunatic Asylum
Madura ...	28	.....	Preservation of Teroomalay Naick's Palace
Kistna ...	29	Guntoor ...	Anglo-Vernacular School
Nellore ...	30	Nellore ...	Do. do.
North Arcot ...	31	Chittoor ...	Zillah School
Malabar ...	32	Calicut ...	Provincial School
Do. ...	33	Chowghaut ...	Anglo-Vernacular School
Do. ...	34	Cannanore ...	Normal School
Ganjam ...	35		Police Stations
Carried over...			

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OF MADRAS.

II.

ORIGINAL WORKS FOR 1871-72.

AMOUNT OF ESTIMATE.	COMPUTED EXPENDITURE UP TO 31st MARCH 1871.	ESTIMATE, 1871-72.	No.	REMARKS OR REFERENCES.
Rs.	Rs.	Rs.		
24,200	14,270	9,930	1	G. O., No. 2,593 of 1869. Item No. 2 of Budget of 1870-71.
43,500	21,600	21,900	2	G. O., No. 3,254 of 1869. Item No. 4 of do.
16,560	6,000	10,560	3	G. O., No. 2,355 of 1869. Item No. 5 of do.
17,140	13,350	3,790	4	G. O., No. 1,230 of 1869. Item No. 6 of do.
2,540	710	1,830	5	G. O., No. 1,377 of 1869.
2,700	66	2,630	6	G. O., No. 2,102 of 1869.
6,660	.....	6,660	7	G. O., No. 3,000 of 1870.
2,05,010	1,20,182	40,000	8	Government of India Register No. 57-M. of 1868-69. G. O., No. 3,399 of 1868. Item No. 9 of Budget of 1870-71.
.....	.....	40,000	9	Estimate awaited.
.....	2,32,338	25,000	10	Revised Estimate awaited. Item No. 11 of Budget of 1870-71.
4,560	.....	4,560	11	Government of India Register No. 73-B. M. of 1870-71. G. O., No. 3,043-A. of 1870.
.....	.....	7,800	12	Estimate awaited.
.....	.....	10,000	13	Do.
31,180	21,500	9,170	14	G. O., No. 2,820 of 1868. Item No. 12 of Budget of 1870-71.
5,000	1,460	3,540	15	G. O., No. 2,127 of 1869.
5,900	3,276	2,630	16	G. O., No. 828 of 1869.
.....	9,00,875	30,000	17	Part of the estimates to complete this scheme are now before the Government of India. Item No. 16 of Budget of 1870-71.
.....	.....	50,000	18	
.....	.....	2,80,000		Imperial Rupees 2,80,000.
17,100	7,930	8,000	19	G. O., No. 2,189 of 1868.
13,580	5,000	8,600	20	G. O., No. 267 of 1869.
8,000	3,800	4,200	21	G. O., Nos. 1,696 of 1869 and 2,382 of 1870. Item No. 18 of Budget of 1870-71.
1,78,400	1,58,547	20,000	22	G. O., No. 3,616 of 1869. Item No. 19 of Budget of 1870-71.
4,030	347	3,700	23	G. O., No. 2,687 of 1870.
60,316	51,157	1,800	24	G. O., No. 2,018 of 1870. Item No. 21 of Budget of 1870-71.
2,43,500	2,33,581	10,000	25	Estimate of Rupees 2,02,000 sanctioned by the Government of India, Register No. 86 C. of 1868-69. G. O., No. 3,873 of 1868. Supplemental Estimate for Rupees 41,500 forwarded to the Government of India with letter No. 2,261 of 1870.
13,400	11,619	1,800	26	G. O., No. 3,871 of 1868.
34,000	28,550	5,450	27	G. O., No. 991 of 1870. Item No. 24 of Budget of 1870-71.
10,000	10,000	10,000	28	G. O., Nos. 3,285 of 1869 and 1,434 of 1870. Item No. 25 of Budget of 1870-71. A separate estimate will be sanctioned each year for the work to be undertaken therein.
.....	.....	2,000	29	Estimate awaited. (Educational.)
.....	.....	2,000	30	Do. (do.)
.....	.....	3,000	31	Do. Item No. 27 of Budget of 1870-71 (do.)
.....	.....	1,000	32	Do. (do.)
.....		3,000	33	Do. Item No. 29 of Budget of 1870-71 (do.)
.....		500	34	Do. (do.)
.....		2,000	35	In progress on sanctioned estimates.
.....		87,140	...	

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GOVERNMENT

Part

DETAIL OF ESTIMATE FOR

EXECUTIVE DIVISION.	PROJECTS.		
	No.	Locality.	Description.
			CIVIL BUILDINGS.—(Concluded.)
			<i>Brought over...</i>
Vizagapatam ...	36		Police Stations ...
Do. ...	37	Vizagapatam...	Zillah Jail ...
Godavery ...	38		Police Stations ...
Do. ...	39	Rajahmundry	Central Jail...
Kistna ...	40		Police Stations ...
Nellore ...	41		Do. ...
Cuddapah ...	42		Do. ...
Kurnool ...	43		Do. ...
Bellary ...	44		Do. ...
Do. ...	45	Bellary	New Court-house ...
Do. ...	46	Do.	Improvements to the Jail ...
Presidency ...	47	Paracmettoo	Do. to the Penitentiary
Chingleput ...	48		Police Stations ...
North Arcot...	49		Do. ...
Do. ...	50	Vellore	New Central Jail ...
			Supplemental Estimate ...
South Arcot ...	51		Police Stations ...
Salem ...	52		Do. ...
Do. ...	53	Ahtoor	Talook Cutcherry and Subsidiary Jail
Do. ...	54	Vaniembady	Deputy Tahsildar's Cutcherry and Subsidiary Jail
Do. ...	55	Oosoor	Constructing a New Subsidiary Jail
Tanjore ...	56		Police Stations ...
Trichinopoly	57		Do. ...
Do. ...	58	Trichinopoly...	Central Jail...
Coimbatore ...	59		Police Stations ...
Malabar ...	60	Tellicherry	Talook Cutcherry and Subsidiary Jail
Do. ...	61	Munjerry	Do. do. do.
Do. ...	62	Cannanore	Central Jail...
Wynaad ...	63		Police Stations ...
Do. ...	64	Vythery	Sub-Magistrate's house
Do. ...	65	Goodalore	Do. Cutcherry and Jail
South Canara	66		Police Stations ...
Madura ...	67		Do. ...
Tinnevelly ...	68		Do. ...
	69		Grant for Minor works the estimated cost of which does not exceed Rupees 2,500 each ...
			Total, CIVIL BUILDINGS...
			AGRICULTURAL.
Ganjam ...	70		Rooshkoolia Project ...
Godavery ...	71	Western Delta	Extension of Irrigation ...
Do. ...	72	Eastern Delta	Do. do. ...
			<i>Carried over...</i>

OF MADRAS.

II.—(Continued.)

ORIGINAL WORKS FOR 1871-72.

AMOUNT OF ESTIMATE.	COMPUTED EXPENDITURE UP TO 31st MARCH 1871.	ESTIMATE, 1871-72.	No.	REMARKS OR REFERENCES.
Rs.	Rs.	Rs.		
.....	.....	87,140		
80,551	75,755	6,000	36	In progress on sanctioned estimates.
3,53,263	3,41,956	4,800	37	G. O., No. 2,544 of 1868.
		3,000	38	In progress on sanctioned estimates.
		11,000	39	Government of India Register No. 90 C. of 1867-68. G. O., Nos 3,676 and 3,867 of 1867 and 1,076 and 1,917 of 1869. Item No. 41 of Budget of 1870-71.
		3,000	40	In progress on sanctioned estimates.
		3,000	41	Do. do.
		3,000	42	Do. do.
		2,000	43	Do. do.
		3,000	44	Do. do.
46,020	35,000	11,020	45	G. O., Nos. 799 of 1866 and 1840 of 1870. Item No. 48 of Budget of 1870-71.
95,000	65,080	25,000	46	G. O., No. 3,915 of 1869. Item No. 49 of do.
1,19,650	81,432	32,000	47	G. O., Nos. 3,858 of 1869 and 137 of 1870. Item No. 51 of do.
		2,000	48	In progress on sanctioned estimates.
		3,000	49	Do. do.
3,37,500	3,20,070	41,500	50	Government of India Register No. No. 6 B. C. of 1870-71. G. O., No. 1,372 of 1870. Item No. 53 of Budget of 1870-71. Supplemental estimate awaited.
24,100				In progress on sanctioned estimates.
		3,000	51	Do. do.
		3,000	52	Do. do.
25,670	16,985	8,690	53	G. O., No. 1,238 of 1869. Item No. 56 of Budget of 1870-71.
9,520	7,185	2,340	54	G. O., No. 92 of 1869. Item No. 57 of do.
6,790	5,779	1,010	55	G. O., No. 937 of 1870.
		1,500	56	In progress on sanctioned estimates.
		2,000	57	Do. do.
3,76,000	3,67,312	8,700	58	Government of India Register No. 26 B. C. of 1870-71. G. O., No. 2,215 of 1870. Item No. 61 of Budget of 1870-71.
		3,500	59	In progress on sanctioned estimates.
30,000	26,017	4,000	60	G. O., No. 3,339 of 1868. Item No. 64 of Budget of 1870-71.
25,000	18,323	6,600	61	G. O., No. 3,339 of 1868. Item No. 65 of Budget of 1870-71.
3,27,000	2,78,660	48,000	62	Government of India Register No. 34 C. of 1867-68. G. O., Nos. 1,932, 3,862 of 1867 and 1,519 of 1869. Item No. 66 of do.
		3,000	63	In progress on sanctioned estimates.
4,200	2,500	1,700	64	G. O., No. 3,518 of 1868. Item No. 69 of Budget of 1870-71.
20,230	14,742	5,500	65	G. O., No. 3,855 of 1869. Item No. 70 of do.
		1,000	66	In progress on sanctioned estimates.
		3,000	67	Do. do.
		3,000	68	Do. do.
		50,000	69	
		4,00,000		{Imperial Rupees 3,88,500. {Local " 11,500.
		50,000	70	Proposed to be treated as Extraordinary. Estimate under consideration. Item No. 75 of Budget of 1870-71.
	2,45,044	3,00,000	71	Do Estimate under consideration. Item Nos. 77 and 78 of do.
9,45,400	55,128	2,00,000	72	Do Estimate submitted to the Government of India with letter No. 2,336 of 1870. Item No. 79 of Budget of 1870-71.
		5,50,000		

GOVERNMENT

Part

DETAIL OF ESTIMATE FOR

EXECUTIVE DIVISION.	PROJECTS.		
	No.	Locality.	Description.
			AGRICULTURAL.—(Concluded.)
			<i>Brought over...</i>
Trichinopoly...	89	Kullitallay ...	Improvement of the Nunga Voikal ...
Madura ...	90	.....	Perryaur Project ...
Tinnevely ...	91	Poothugudi ...	Streeciguntam Anicut Project ...
Kistna ...	92	.....	Restoring the Peddacunchurla Tank ...
	93	.....	Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each ...
			Total, AGRICULTURAL ...
			COMMUNICATIONS.
Ganjam ...	94	Ballipudra ...	Road from Aska to Russelcondah...
Do. ...	95	.....	Do. from Alikam to Heeramandalam ...
Do. ...	96	.....	Do. from a point on the line between Aska and Sooradah to the Soorla platform ...
Do. ...	97	.....	Do. from Coonchelly to Barwah, via Somepettah ...
Do. ...	98	.....	Ask to Soorada road ...
Vizagapatam ...	99	.....	Road from Vizagapatam to Cascepoor ...
Do. ...	100	Jeypore country	Constructing roads and clearing jungle in the Jeypore country ...
Do. ...	101	.....	Road from Vizianagaram to Gaigpatinagaram ...
Do. ...	102	.....	Do. from Chodavaram to Ankapilli ...
Do. ...	103	.....	Do. from Ankapilli to Munagapaka and from Munagapaka to Pudimadaka ...
Do. ...	104	.....	Do. from Ramabadrapuram to Pachipentah, via Saloor.
Godavery ...	105	.....	Do. along the Canal bank from Dowlaishweram to Samalecottah ...
Do. ...	106	.....	Do. from Ellore to Hyderabad frontier, via Chintalapoodi.
Do. ...	107	.....	Continuation of Veeravasarum road to Akuvadu, via Bhce-mavaram and Undi ...
Do. ...	108	.....	Road from Samalecottah via Pittapoor to Bendapudi on Trunk Road No. 6 ...
Do. ...	109	.....	Do. from Yerravaram on Trunk Road No. 6 to Jaddan-ghi, via Lingamparru ...
Do. ...	110	.....	Do. from Peddapuram via Nallachervoo to Rajahnaga-ram ...
Do. ...	111	.....	Do. from Undoor bridge via Ramachendrapuram to Madapadu on the Samalecottah Canal ...
Do. ...	112	.....	Do. from Alamuru to Thapasweram via Mandapettah.
Do. ...	113	.....	Do. from Ramachandrapuram to Bickavole on the Samalecottah Canal with masonry works ...
Do. ...	114	.....	Do. from Jaggaupettah to Kottapalli ...
Do. ...	115	.....	Do. from Rejanagaram to Rahitapuram ...
Do. ...	116	.....	Gravelling and arching wooden bridges on the road from Cocanada to Kotipally ...
Do. ...	117	.....	Do. do. on the road from Cocanada to Neelapally ...
Do. ...	118	.....	Do. on the road from Kotipally to Kurrupah ...
Do. ...	119	.....	Road from Veeravasarum to Penumantia ...
Do. ...	120	.....	Do. from Penugonda to Attili ...
			<i>Carried over...</i>

OF MADRAS.

II.—(Continued.)

ORIGINAL WORKS FOR 1871-72.

AMOUNT OF ESTIMATE.	COMPUTED EXPENDITURE UP TO 31ST MARCH 1871.	ESTIMATE, 1871-72.	No.	REMARKS OR REFERENCES.
Rs.	Rs.	Rs.		
.....	.....	14,11,200		
12,500	5,000	3,000	89	G. O., No. 1,034 of 1870.
.....	.....	1,00,000	90	Proposed to be treated as Extraordinary—Estimate awaited. Item No. 103 of Budget of 1870-71.
8,31,600	6,56,600	1,75,000	91	Extraordinary—Sanctioned by the Government of India. Register No. 17-I. of 1868-69. G. O., No. 844 of 1869. Item No. 104 of do.
23,730	.....	5,000	92	G. O., No. 3,008 of 1870.
.....	.....	1,75,000	93	
.....	.....	18,69,200		Imperial ... {Extraordinary Rupees 15,75,000. Ordinary " 2,94,200.
46,170	44,029	2,200	94	G. O., No. 2,008 of 1869.
63,209	48,240	14,969	95	G. O., No. 3,419 of 1868. Item No. 107 of Budget of 1870-71 (District Road.)
73,870	67,757	10,000	96	G. O., No. 2,281 of 1867. Item No. 108 of do. (do.)
13,220	11,060	1,870	97	G. O., No. 77 of 1870. (do.)
47,690	41,320	6,370	98	G. O., No. 1,125 of 1865. (do.)
1,15,000	1,05,896	9,000	99	G. O., No. 3,610 of 1863.
.....	48,433	10,000	100	This is the usual annual allowance. G. O., No. 2,718 of 1864. Item No. 109 of Budget of 1870-71.
38,480	30,000	8,480	101	G. O., No. 437 of 1869. Item No. 110 of Budget of 1870-71. (District Road.)
47,000	31,590	15,410	102	G. O., No. 2,808 of 1868. Item No. 111 of do. (do.)
40,600	26,860	13,740	103	G. O., No. 49 of 1870. Item No. 113 and 114 of do. (do.)
41,730	23,830	17,900	104	G. O., No. 27 of 1869. Item No. 115 of do. (do.)
1,04,440	84,440	20,000	105	G. O., No. 3,646 of 1867. Item No. 116 of do. (do.)
1,20,000	40,100	35,000	106	G. O., No. 62 of 1870. Item No. 119 of do. (do.)
34,950	25,800	9,150	107	G. O., No. 1,056 of 1869. Item No. 121 of do. (do.)
75,700	32,000	43,700	108	G. O., No. 3,726 of 1869. Item No. 123 of do. (do.)
46,700	26,000	20,700	109	G. O., No. 2,871 of 1869. Item No. 124 of do. (do.)
25,000	21,000	4,000	110	G. O., No. 2,393 of 1869. Item No. 125 of do. (do.)
58,060	30,700	27,360	111	G. O., No. 2,350 of 1869. Item No. 126 of do. (do.)
18,610	9,800	8,810	112	G. O., Nos. 2,457 and 2,969 of 1869. Item No. 128 of do. (do.)
32,850	19,600	13,250	113	G. O., Nos. 2,742 and 2,969 of 1869. Item No. 129 of do. (do.)
29,800	8,000	21,800	114	G. O., No. 203 of 1870. (do.)
.....	.....	10,000	115	Estimate awaited. (do.)
.....	.....	10,000	116	Do. (do.)
.....	.....	10,000	117	Do. (do.)
.....	.....	3,280	118	Do. (do.)
.....	.....	3,000	119	Do. (do.)
.....	.....	10,000	120	Do. (do.)
.....	.....	3,59,980		

GOVERNMENT
Part
DETAIL OF ESTIMATE FOR

EXECUTIVE DIVISION.	PROJECTS.		
	No.	Locality.	Description.
			COMMUNICATIONS.—(Continued.)
Godavery ...	121		Road from Attili to Thadipalligundam on Ellore Canal ...
Kistna ...	122		Do. from Chinna Palakaloor to Narsarowpettah ...
Do. ...	123		Do. from Guntoor to Iyaloor ...
Do. ...	124		Do. between Bezvada and Hyderabad road and Mylavaram ...
Do. ...	125		Do. from Nuziuid to Perikeed ...
Do. ...	126		Do. from Chilakaloorpetta to Nakarikal, via Narsarowpettah ...
Do. ...	127		Do. from Kowtaram to Gudivada ...
Do. ...	128		Do. from Haremchadoo to Parala through Ramparoo Swamp ...
Do. ...	129		Do. from Santaravoor to Vatapollem through do. ...
Do. ...	130		Gravelling the road from Ponnor to Dapatla ...
Do. ...	131		Road from Sattanapally to Pedoogooralla ...
Do. ...	132		Do. from Masulipatam to Manganapoodi ...
Do. ...	133		Do. from Manganapoodi to Peddana ...
Nellore ...	134	Nellore to Dorenal ...	Do. from Nellore to Dorenal Pass ...
Do. ...	135	Doograzpatam ...	Do. from Doograzpatam to salt Storeyard ...
Do. ...	136	Ongole and Kottapatam	Improvements to Ongole and Kottapatam road ...
Do. ...	137		Road from Kaligiri to Udayagiri ...
Do. ...	138		Do. from Nellore to Somaiswaram ...
Do. ...	139		Gravelling the road from Tipparapaud on Goodoor and Rapoor road to Vencatagiri ...
Do. ...	140		Road from Kavali to Kaligiri via Zaladanki and Chinna-kraha ...
Do. ...	141		Do. from Manubole on Imperial road No. 1 to Podalakoor on the Nellore and Somaiswaram road ...
Do. ...	142		Do. from Kanigiri to Podili ...
Do. ...	143		Do. from do. towards Vemalapaud Pass ...
Do. ...	144		Metalling the road from Nellore to Mysaud ...
Do. ...	145		Do. and making up the road embankment from Nellore to Kodoor ...
Do. ...	146		Constructing and metalling road from Narrainreddipett to Narukoor ...
Cuddapah ...	147		Road from Poddatoor to Nandialampett ...
Kurnool ...	148		Do. from Cumbum to Doopaud ...
Do. ...	149		Do. from Doopaud to Manteral Ghaut ...
Do. ...	150		Do. from Madakara to Teggall ...
Do. ...	151		Do. from Rapoor Pass to Nandikanama Ghaut-portion in Nandial and portion in Kurnool Ranges ...
			Compensation for lands ...
Do. ...	152		(No. 1 crossing near Chintagunta ... No. 2 do. Chagalwary ... No. 3 do. Arlagudla on the 71st mile of Trunk Road No. XVII. ... Other village roads in connection with other crossings below the canal ... Road from Bellary to Sirgupah ... Do. from Sirgupah to Adony ... Do. from Bellary to Raidroog ... Do. from Halvy to Kosghoe ... Carried over...

OF MADRAS.

II.—(Continued.)

ORIGINAL WORKS FOR 1871-72.

AMOUNT OF ESTIMATE.	COMPUTED EXPENDITURE UP TO 31ST MARCH 1871.	ESTIMATE, 1871-72.	No.	REMARKS OR REFERENCES.
Rs.	Rs.	Rs.		
.....	.....	3,59,980	121	Estimate awaited. (District Road.)
50,000	41,700	20,000	122	G. O., No. 1,535 of 1869. Item No. 130 of Budget of 1870-71.
1,69,200	78,258	8,300	123	do. do.
40,170	26,773	40,000	124	G. O., No. 626 of 1868. Item No. 132 of do. (do.)
68,100	15,808	13,400	125	G. O., No. 465 of 1868. Item No. 135 of do. (do.)
57,320	14,194	15,000	126	G. O., No. 2,654 of 1869. Item No. 136 of do. (do.)
7,250	4,092	3,250	127	G. O., No. 25 of 1870. (do.)
4,000	.....	4,000	128	G. O., No. 169 of 1870. (do.)
4,180	.....	4,180	129	G. O., No. 169 of 1870. (do.)
.....	.....	20,000	130	Estimate awaited. (do.)
.....	.....	10,000	131	Do. (do.)
.....	.....	10,000	132	Do. (do.)
.....	.....	10,000	133	Do. (do.)
1,04,740	80,197	12,000	134	G. O., No. 1,327 of 1868
7,100	4,778	2,300	135	G. O., No. 2,255 of 1867
8,780	210	8,500	136	G. O., No. 1,186 of 1869.
30,450	16,570	11,600	137	G. G., No. 3,653 of 1868. Item No. 137 of Budget of 1870-71. (District Road.)
70,660	46,070	10,000	138	G. O., No. 672 of 1868 and 1833 of 1869. (R.D.) Item No. 138 of do. (do.)
10,730	5,550	5,180	139	G. O., No. 200 of 1870. (do.)
65,700	26,000	10,250	140	G. O., No. 2,847 of 1869. Item No. 140 of Budget of 1870-71. (do.)
35,500	13,120	6,500	141	G. O., No. 3,686 of 1868. Item No. 141 of do. (do.)
6,300	4,190	2,110	142	G. O., No. 533 of 1870. Item No. 142 of do. (do.)
21,900	8,000	6,000	143	G. O., No. 2,854 of 1869. Item No. 143 of do. (do.)
44,400	4,500	5,000	144	G. O., No. 26 of 1870. (do.)
49,200	3,000	5,000	145	G. O., No. 26 of 1870. (do.)
4,300	1,000	3,000	146	G. O., No. 26 of 1870. (do.)
71,500	22,700	8,000	147	G. O., No. 140 of 1870. Item No. 145 of Budget of 1870-71. (do.)
.....	.....	11,000	148	Estimate awaited. Items Nos. 148 and 152 of do. (do.)
.....	.....	5,000	149	Do. Item No. 151 of do. (do.)
24,730	20,930	3,800	150	G. O., No. 2,373 of 1869. Item No. 149 of do. (do.)
1,59,200	.....	50,000	151	G. O., No. 10 of 1870. Item No. 150 of do. (do.)
750	35,250	.....	152	Estimate awaited. Item No. 153 of do. (do.)
1,59,950	.....	30,000	153	Do. Item No. 154 of Budget of 1870-71. (do.)
.....	3,000	10,000	154	Do. Item No. 155 of do. (do.)
.....	4,000	10,000	155	Do. Item No. 156 of do. (do.)
.....	3,000	5,000	156	G. O. Nos. 3,672 of 1869 and 82 of 1870. Item No. 157 of do. (do.)
25,790	8,000	17,700		
.....	.....	7,71,050		

GOVERNMENT
Part
DETAIL OF ESTIMATE FOR

EXECUTIVE DIVISION.	PROJECTS.		
	No.	Locality.	Description.
COMMUNICATIONS.—(Continued.)			
			<i>Brought over...</i>
Bellary	157	.....	Road from Kosghee to Madavaram road south of Rach-murru
Do.	158	.....	Do. from Bellary via Calliandroog to Cumbadoor ...
Do.	159	.....	Do. from Adony to Yemeganoor
Do.	160	.....	Do. from Royelchervoo to Yadakee
Do.	161	.....	Do. from Kudieghie via Bundri to Somalapoore ...
Do.	162	.....	Do. from Hospett to Hussoor
Do.	163	.....	Do. from Boodaly to Cuddapah frontier near Gownewa-repally
Chingleput	164	.....	Do. from Cheyoor to Chotapakam
Do.	165	.....	Extension of the Cheyoor salt road from Chotapakam towards Wandiwash in the North Arcot District as far as the Madras limits
Do.	166	.....	Road from Trivattoor bridge over northern canal to Ponnery
Do.	167	.....	Do. from a point on the Kambakal channel via Parandoor to Paloor Tramway Station
Do.	168	.....	Do. from the 41st mile stone on Trunk Road No. II. to Tetry on the road from Thellar to Conjevaram via Ootramalloor
North Arcot	169	.....	Do. from Virinjepuram to the Railway Station ...
Do.	170	.....	Do. from Cooppam through Venkatagiri Cottah, Palmanair, and Punganoor to the Cuddapah frontier ...
Do.	171	.....	Do. from Punganoor through Suddam to Trunk Road No. XVII.
Do.	172	.....	Do. from Chittoor to Argunda with a branch to Iral ...
Do.	173	.....	Re-opening the portion of the old Arconam and Conjevaram road between the former Station and Nagavedu ...
Do.	174	.....	Road from Vellore Railway Station to Vellore ...
Do.	175	.....	Do. from Rangempett to Cuddapah frontier via Nagapatla Pass
Do.	176	.....	Do. from Pallepatt to Ramakistnarazpett on the road from Sholinghur to Tirtany
Do.	177	.....	Do. from Poonganoor to Iral
South Arcot	178	Mercanum...	Do. from Pondicherry to the Mercanum salt pans ...
Do.	179	.....	Do. from Villapuram to Mambalaput
Do.	180	.....	Constructing a branch road from the 10th mile of the Tricalore and Ellavanasore road to the 2nd mile of the Tiagoor and Manaloorpett road
Do.	181	.....	Road from Trinomalay to pass between the Corvett hills to Padoor to the Cheyaur River at Canjee
Do.	182	.....	Do. from Sathanoor to Thandrampett in the Trinomalay Talook
Tanjore	183	.....	Cross road No. 65 from No. 35 near Harichandranadi Bridge to Keevalore on road No. 1.
Do.	184	.....	Reforming a portion of Road No. 27 from Kottoor to Sengandi lying in the 4th Range
Do.	185	.....	Road No. 51 from Muniyoor to Thalanayar along the South bank of the Harichandranadi river
Do.	186	.....	Do. No. 68 from Poothoor on road No. 2 to Pudupattum near Devicotta along the bank of Poodoomanaiar ...
Do.	187	.....	Do. No. 81 from Tirupendal to Tennelgudi via Terumalgudi and Auduthorai
<i>Carried over ...</i>			

OF MADRAS.

II.—(Continued.)

ORIGINAL WORKS FOR 1871-72.—(Continued.)

AMOUNT OF ESTIMATE	COMPUTED EXPENDITURE UP TO 31st MARCH 1871.	ESTIMATE, 1871-72.	No.	REMARKS OR REFERENCES.
Rs.	Rs.	Rs.		
.....	.....	7,71,050		
.....	.....	10,000	157	Estimate awaited. Item No. 158 of Budget of 1870-71. (District Road.)
.....	5,000	10,000	158	Do. Item No. 159 of do. (Do.)
.....	.....	5,000	159	Do. (Do.)
.....	.....	3,000	160	Do. (Do.)
.....	.....	5,000	161	Do. (Do.)
.....	.....	5,000	162	Do. (Do.)
.....	.....	5,000	163	Do. (Do.)
9,790	6,927	2,800	164	G. O. No. 622 of 1870.
11,380	6,917	4,400	165	Do. do.
40,000	6,012	8,000	166	G. O., No. 3,434 of 1867 (District Road.)
6,700	4,810	700	167	Do. do. (Do.)
38,200	20,720	6,000	168	Do. 119 1870. Item No. 166 of do. (Do.)
.....	2,000	6,250	169	Estimate awaited. Item No. 178 of do. (Do.)
65,000	30,250	20,000	170	G. O., No. 1,085 of 1869. Item No. 173 of do. (Do.)
.....	18,000	5,000	171	Estimate awaited. Item No. 175 of do. (Do.)
.....	7,990	2,500	172	Estimate awaited. Item No. 177 of do. (Do.)
3,100	1,000	2,100	173	Do. 2,951 do. 1864 (Do.)
6,100	2,500	3,600	174	Do. 2,861 do. 1869 (Do.)
.....	.....	3,000	175	Estimate awaited (Do.)
.....	.....	5,000	176	Do. (Do.)
.....	.....	5,000	177	Do. (Do.)
49,000	10,971	12,000	178	G. O., No. 80 of 1867 (Do.)
6,000	3,000	3,000	179	G. O., No. 143 of 1870. Item No. 179 of do. (Do.)
4,200	3,670	530	180	G. O., No. 110 of 1870 (Do.)
.....	.....	4,000	181	Estimate awaited (Do.)
.....	.....	2,220	182	Do. (Do.)
60,300	49,460	10,840	183	G. O., No. 1,663 of 1868. Item No. 183 of Budget of 1870-71. (District Road.)
13,700	8,510	5,190	184	G. O., No. 32 of 1870. Item No. 184 of do. (Do.)
33,800	12,500	21,300	185	G. O., No. 112 of do. do. 185 of do. (Do.)
12,720	5,010	7,710	186	G. O., No. 168 of do. do. 186 of do. (Do.)
35,680	20,000	15,680	187	G. O., No. 630 of do. do. 188 of do. (Do.)
.....	.....	9,70,870		

GOVERNMENT
Part
DETAIL OF ESTIMATE FOR

EXECUTIVE DIVISION.	PROJECTS.		
	No.	Locality.	Description.
			COMMUNICATIONS.—(Continued.)
			<i>Brought over...</i>
Tanjore	188	.....	Road No. 57 from Tirukauttoopally to the Great Southern of India Railway at Boodalore
Do.	189	.....	Metalling Road No. 17 from Kodavassal to Kordacherry
Do.	190	.....	Metalling Road No. 15 from Combaconum to Needamangalam
Trichinopoly	191	Trichinopoly & Kulitalay	Remetalling the Southern Trunk Road from Trichinopoly to Madura
Do.	192	.....	Road No. 7 from Musery to Cannanore and Toriore
Do.	193	.....	Do. No. 9 from Perambaloor to Arcaloor
Do.	194	.....	Do. No. 10 from Perambaloor to Kistnapuram
Do.	195	.....	Forming Road No. 25 from Arcaloor to Keelapaloor on Road No. 6
Coimbatore	196	.....	Burghoor Ghaut New Trace
Do.	197	.....	Constructing a Road from Darapooram to Tirpoor Railway Station and to Konghien via the proposed bridge over Oppaur at Nungianpollium 36,090
			Constructing a bridge of 9 arches across the Oppaur river 21,140
Neilgherries	198	.....	Putting up parapet walls on the dangerous parts of the new Coonoor ghaut
Do.	199	.....	Constructing a new road from Yellanhully Chuttrum to the Kartairy road Junction with Mailoor and Devasholah roads
Malabar	200	.....	Improvements to Road No. XXI between the foot of the Tambracherry ghaut and Calicut
Do.	201	.....	Road from Taliperamba by Chirikandapuram to Irkoor
Do.	202	.....	Do. from Keeroor Perumparamba to Nedumpoya on Peria road
Do.	203	.....	Do. from Irkoor to Chalat
Do.	204	.....	Do. from Mambrem ferry to Chalat 2nd Section of D. R. No. 17
Do.	205	.....	Do. from Pandikad to Wandoor and Mambat
Do.	206	.....	Constructing road from Shoranore to Padinjarangady on the Imperial salt line from Ponani to Puttambi
Do.	207	.....	Remaking branch road from the high road to Shoranore Railway Station
Wynaad	208	.....	Karkoor ghaut and road via Goodalore to Tippacaudoo on the eastern frontier of Wynaad
Do.	209	Manantoddy	Periah ghaut and road via Manantoddy to Bowally on the Mysore frontier
Do.	210	Luckady	Tambracherry ghaut and road via Vythery, Calpatty, and Sultan's Battery to the Mysore frontier
Do.	211	.....	New trace from Manantoddy to the Coorg frontier
South Canara	212	.....	Construction of a road from the foot of the Hyderghar or Mossangady ghaut to Shenkaranarayana and the coast.
Do.	213	.....	Widening Cumbala and Perdal bridlepath
Madura	214	.....	Road from Terumangalam to Palney up to the Coimbatore boundary
			<i>Carried over...</i>

OF MADRAS.

(I.—(Continued.)

ORIGINAL WORKS FOR 1871-72.

AMOUNT OF ESTIMATE.	COMPUTED EXPENDITURE UP TO 31st MARCH 1871.	ESTIMATE, 1871-72.	No.	REMARKS OR REFERENCES.
Rs.	Rs.	Rs.		
.....	.....	9,70,870		
96,600	30,039	8,160	188	G. O., 2,590, of 1863. Item No. 189 of Budget of 1870-71. (District Road.)
.....	24,000	24,000	189	Estimate awaited (Do.)
.....	.....	35,110	190	Do. (Do.)
53,150	10,869	10,000	191	G. O., No. 1,113 of 1869. Item No. 193 of Budget 1870-71.
60,030	33,760	6,070	192	G. O., No. 1,304 of 1869. Item No. 194 of do. (District Road.)
29,800	22,800	7,000	193	G. O., No. 313 of 1868. Item No. 195 of do. (Do.)
33,200	30,130	3,070	194	G. O., No. 3,254, of 1867. Item No. 196 of do. (Do.)
4,000	3,000	1,000	195	G. O., No. 4 of 1870. (Do.)
72,100	68,606	3,400	196	G. O., No. 162 of 1866.
57,230	7,230	9,000	197	G. O., No. 127 of 1870. (Do.)
16,350	6,015	10,000	198	G. O., No. 2,412 of 1870.
7,000	1,000	1,000	199	G. O., No. 25 of do. (Do.)
17,500	10,085	5,000	200	G. O., No. 501 of 1869. (Do.)
.....	.....	6,000	201	Estimate awaited. (Do.)
31,500	30,000	1,500	202	G. O., No. 696 of 1869. Item No. 201 of Budget of 1870-71. (District Road.)
7,250	4,750	2,500	203	G. O., No. 435 of 1870. Item No. 202 of do. (Do.)
14,180	5,000	9,180	204	G. O., No. 109 of do. (Do.)
18,100	15,000	3,100	205	G. O., No. 247 of do. Item No. 204 of do. (Do.)
32,500	10,000	6,250	206	G. O., No. 142 of do. (Do.)
2,780	.....	2,780	207	G. O., No. 163 of do. (Do.)
4,16,030	2,21,746	15,000	208	Government of India Register No. 9-B. C. of 1870-71. G. O., No. 1,659 of 1870. Item No. 207 of Budget of 1870-71.
1,82,700	1,67,700	15,000	209	Do. do. Item No. 205 of do.
5,98,750	4,69,590	30,000	210	Do. do. Item No. 206 of do.
42,400	35,716	5,000	211	G. O., No. 2,435 of 1868.
.....	.....	3,970	212	Estimate awaited (District Road.)
8,500	4,330	4,170	213	G. O., No. 3 of 1870. Item No. 208 of Budget of 1870-71. (District Road.)
1,65,000	1,26,365	20,000	214	G. O., No. 3,453 of 1863. Item No. 210 of Budget of 1870-71.
.....	.....	12,18,130	...	

DETAIL OF ESTIMATE FOR

EXECUTIVE DIVISION.	PROJECTS.		
	No.	Locality.	Description.
			COMMUNICATIONS.—(Concluded.)
			<i>Brought over...</i>
Madura ...	215	.....	Road No. 5 from Pereskolam to Travancore frontier, via Cumbum and Goodaloor ...
Do. ...	216	.....	Do. from Meloor to the Pudukottah boundary ...
Do. ...	217	.....	Do. from Shivagangah to Tondy ...
Do. ...	218	.....	Do. from Teromangalam to Streevilliputtoo ...
Do. ...	219	.....	Do. from Mudukoolatoo to Parthipanellore on the line from Sayelgudy to Manamadura ...
Do. ...	220	.....	Do. from Ramnad to Shivagangah ...
Tinnevely ...	221	.....	Do. from Vypaur to Ottapidaram ...
Do. ...	222	.....	Do. from Striviguntam to Arumugamangalam ...
Do. ...	223	.....	Do. from Tinnevely, via Sivalaperi and Vallanad to Striviguntam ...
Do. ...	224	.....	Do. from do. to Rajapalayam ...
Do. ...	225	.....	Do. from Madura frontier, via Strivillipootoor to Solasari.
Do. ...	226	.....	Portion of road No. 1 from Solasari to Vasudevanalloor...
Do. ...	227	.....	Extension of Nanguneri and Vizianarayanen road to Tisayanavilai ...
Do. ...	228	.....	Road from Vizipati to Yervadi ...
Do. ...	229	.....	Do. from Ottapidaram, via Maniachy and Sivalaperi to Palamcotta ...
Do. ...	230	.....	Do. from Vellatikolum to the Vypar road ...
Do. ...	231	.....	Do. from Tentiruperi through paddy fields and along the Northern bank of Attoor Channel to Attoor ...
Do. ...	232	.....	Do. from South Moodalore to Alwartirunagari...
Do. ...	233	.....	Do. from Pudukudi through Velloor ...
Kistna ...	234	Perikeed ...	Bridge across the Ellore high level canal ...
South Arcot ...	235	Muttoor ...	Do. across the Vellaur river on the coast road from Pondicherry to Negapatam ...
Do. ...	236	Mallataur ...	Do. of 5 arches over the Mullataur near Veeraperumanellore ...
Malabar ...	237	.....	Bridges over the Nellamboor and Cheroopoyah rivers on the road from Mambat to the foot of the Karkoor ghaut ...
Do. ...	238	.....	Constructing certain tunnels on the road from Mandoor to Kongad ...
South Canara ...	239	.....	Minor bridges on the Mudbidri and Beltangady road ...
Do. ...	240	.....	Minor bridges on the Bantwal and Mudbidry road ...
Do. ...	241	.....	Bridging the portion of the Puttoor and Beltangady road north of the Netravaty river ...
Do. ...	242	.....	Bridging Poottur and Manjeswar road ...
Chingleput ...	243	Cheyoor ...	Excavating boat channel and constructing platforms, etc...
	244	.....	Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each ...
	245	.....	Do. do. (District Road)
			TOTAL, COMMUNICATIONS...

(Continued.)

ORIGINAL WORKS FOR 1871-72.—(Continued)

AMOUNT OF ESTIMATE.	COMPUTED EXPENDITURE UP TO 31st MARCH 1871.	ESTIMATE, 1871-72	No.	REMARKS OF REFERENCES.
Rs.	Rs.	Rs.		
.....	.....	12,18,130		
35,200	19,100	16,100	215	G. O., No. 423 of 1870. (District Road.)
28,000	8,000	20,000	216	G. O., No. 78 of do. (do.)
50,400	18,430	17,500	217	G. O., No. 5 of do. (do.)
42,400	10,000	12,500	218	G. O., No. 87 of do. (do.)
.....	10,000	10,000	219	Estimate awaited (do.)
.....	10,000	10,000	220	Do. (do.)
78,000	30,550	10,000	221	G. O., No. 1,236 of 1868. Item No. 214 of Budget of 1870-71. (do.)
19,200	15,000	4,200	222	G. O., No. 2,331 of 1869. Item No. 217 of Budget of 1870-71. (do.)
44,600	30,480	10,000	223	G. O., No. 1,155 of 1868. Item No. 218 of do. (do.)
21,400	13,610	7,790	224	G. O., No. 1,958 of 1869. Item No. 219 of Budget of 1870-71. (do.)
34,800	27,640	7,160	225	G. O., Nos. 2,906 of 1867 and 1,958 of 1869. Item No. 223 of Budget of 1870-71. (do.)
15,600	13,240	2,360	226	G. O., No. 66 of 1869. Item No. 224 of Budget of 1870-71. (do.)
29,900	15,000	10,000	227	G. O., No. 1,958 of 1869. Item No. 225 of Budget of 1870-71. (do.)
16,600	6,600	9,000	228	G. O., No. 52 of 1870. Item No. 226 of Budget of 1870-71. (do.)
42,000	11,800	8,000	229	G. O., No. 695 of 1869. Item No. 215 of Budget of 1870-71. (do.)
39,200	11,290	8,000	230	G. O., No. 1,236 of 1868. Item No. 216 of Budget of 1870-71. (do.)
6,470	1,000	5,470	231	G. O., No. 3,556 of 1869. Item No. 220 of Budget of 1870-71. (do.)
4,170	1,000	3,170	232	Do. do. 221 of (do.)
3,850	1,550	2,300	233	Do. do. 222 of (do.)
8,180	1,880	6,300	234	G. O., No. 296 of 1866. (do.)
.....	40,730	13,000	235	G. O., No. 2,850 of 1870. Item No. 229 of Budget of 1870-71. (do.)
8,910	1,840	7,000	236	G. O., No. 1,678 of 1869. (do.)
71,000	65,572	5,400	237	G. O., No. 3,466 of 1869. (do.)
4,140	.....	4,140	238	G. O., No. 150 of 1870. (do.)
12,670	10,470	2,200	239	G. O., No. 3,385 of 1867. Item No. 240 of Budget of 1870-71. (District Road)
17,060	3,470	2,000	240	Do. (do.)
21,340	5,850	4,730	241	G. O., No. 3,825 of do. (do.)
35,530	24,388	2,290	242	G. O., No. 3,271 of 1867 and 261 of 1868. Item No. 242 of Budget of 1870-71. (do.)
34,260	22,500	11,700	243	G. O., No. 3,051 of 1866. Item No. 244 of Budget of 1870-71. (do.)
.....	.....	50,000	244	
.....	.....	41,940	245	
.....	.....	15,42,380		{ Imperial Rupees 2,70,000 Local ,, 12,72,380

GOVERNMENT

Part

DETAIL OF ESTIMATE FOR

EXECUTIVE DIVISION.	PROJECTS.		
	No.	Locality.	Description.
MISCELLANEOUS PUBLIC IMPROVEMENT.			
Neilgherries ...	246	Ootacamund ...	Reclamation of the swamp at the head of the Lake ...
Do. ...	247	Do. ...	Compensation for land taken up for the Reclamation and ...
Vizagapatam ...	248	Vizagapatam ...	Water-supply Projects ...
Godavery ...	249	Cocanada ...	Stone groyne for keeping mouth of the river open from ...
Tanjore ...	250	Negapatam ...	south-west monsoon ...
Do. ...	251	Do. ...	Constructing south groyne to Cocanada River with landing ...
Do. ...	252	Tranquebar ...	place ...
Malabar ...	253	Calicut ...	Restoring Negapatam Jetty ...
Do. ...	254	Cochin ...	Dredging at Negapatam ...
South Canara ...	255	Mangalore ...	Extending groynes, etc. ...
Do. ...	256	Paumben ...	Constructing a pier ...
Madura ...	257	Do. ...	Harbour Works ...
Do. ...	258	Do. ...	Constructing a light Screw pile Jetty ...
	259	Do. ...	Reclaiming part of the Backwater near the quay ...
	260	Do. ...	Cutting the inner angle of the Reef Channel ...
	261	Do. ...	Deepening of the Paumben channel from 12 to 14 feet at ...
			low water ...
			Grant for Minor works, the estimated cost of which does ...
			not exceed Rupees 2,500 each ...
			Do. do. do. (District Road) ...
			Do. do. do. (Port Fund) ...
Total, MISCELLANEOUS PUBLIC IMPROVEMENT...			

ABSTRACT OF THE GRANTS PROPOSED FOR ALL
PUBLIC WORKS

Main Heads.						
Military ...	...	...	...	...	...	...
Civil Buildings ...	...	...	...	...	...	...
Agricultural ...	...	...	...	...	...	...
Communications. ...	...	...	...	...	...	...
Miscellaneous Public Improvement	...	...	...	...	...	...
TOTAL AS PER PAGE 5 ...						

OF MADRAS.

II.—Concluded.)

ORIGINAL WORKS FOR 1871-72.

AMOUNT OF ESTIMATE.	COMPUTED EX- PENDITURE UP TO 31st MARCH 1871.	ESTIMATE 1871-72.	No.	REMARKS OF REFERENCES.
Rs.	Rs.	Rs.		
23,000	20,818	2,200	246	G. O., No. 1,500 of 1868.
30,020	20,000	10,000	247	G. O., No. 2,468 of 1870.
.....	.....	15,000	248	Estimate awaited (Port Fund.)
.....	.....	15,000	249	Do. Item No. 249 of Budget of 1870-71. (Do.)
21,000	11,000	8,900	250	G. O., No. 172 of 1870. (Do.)
.....	.....	5,000	251	Estimate awaited. Item No. 252 of Budget of 1870-71, (Do.)
.....	.....	8,000	252	Do. Item No. 251 of do. (Do.)
64,000	54,000	10,000	253	G. O., No. 1,885, of 1869.—Item No. 254 of do. (Do.)
.....	.....	11,000	254	Estimate awaited. (Do.)
.....	.....	7,000	255	Do. Item No. 255 of Budget of 1870-71. (Do.)
.....	.....	3,000	256	Do. (Do.)
43,340	40,985	2,300	257	G. O., No. 2,126 of 1862. Item No. 257 of Budget of 1870-71.
22,810	5,500	3,500	258	G. O., No. 721 of of 1866. Item No. 258 of Budget 1870-71.
.....	.....	6,500	259	
.....	.....	4,200	260	
.....	.....	9,530	261	
.....	.....	1,21,130	...	{ Imperial Rupees ... 24,500 Local ,, ... 96,630

ORIGINAL WORKS TO BE DISBURSED BY THE
DEPARTMENT.

Imperial.	Local.	Total.
Rs.	Rs.	Rs.
2,80,000	.....	2,80,000
3,88,500	11,500	4,00,000
18,69,200	.....	18,69,200
2,70,000	12,72,380	15,42,380
24,500	96,630	1,21,130
28,32,200	13,80,510	42,12,710

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

GOVERNMENT OF MADRAS.

Part III.

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
MILITARY.		Rs.	Rs.	Rs.	Rs.
<i>Ganjam—</i>					
Berhampore ...	Minor repairs to buildings ...	600			
	Cantonment roads ...	120			
	House-rent to Military and Medical Subordinates ...	200			
			920		720
<i>Vizagapatam—</i>					
	Minor repairs to buildings ...	2,400			
	Cantonment roads ...	1,750			
<i>Vizianagram ...</i>					
	Minor repairs to buildings ...	2,700			
	Cantonment roads ...	310			
	House-rent to Military and Medical Subordinates ...	3,000			
			10,160		5,160
<i>Kistna—</i>					
Masulipatam ...	Minor repairs to buildings ...	400			
	House-rent to Military and Medical Subordinates ...	300			
			700		741
<i>Bellary—</i>					
	Minor repairs to buildings ...	17,340			
	House-rent to Military and Medical Subordinates ...	3,000			
	Cantonment roads ...	4,660			
			25,000		25,000
<i>Presidency—</i>					
Fort St. George ...	Annual repairs to roads within the Garrison ...	2,500			
Esplanade ...	Do. to Esplanade roads...	14,047			
Beach ...	Do. to road along the east face of the Fortress ...	2,500			
Fort St. George ...	Minor repairs to buildings ...	16,100			
Do. ...	Annual repairs to Fortifications ...	8,400			
Perambore, etc. ...	Minor repairs to buildings ...	4,000			
Esplanade ...	Do. do. ...	3,000			
	House-rent to Military and Medical Subordinates ...	15,000			
	Repairs to Punkahs, etc. ...	700			
			66,247		70,079
<i>Carried over...</i>		...	1,03,027		1,01,700

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72..

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
MILITARY.—(Continued.)		Rs.	Rs.	Rs.	Rs.
<i>Chingleput—</i>					
	<i>Brought over...</i>	...	1,03,027	...	1,01,700
St. Thomas' Mount ...	Annual repairs to Cantonment roads.	1,720			
Palaveram and Poonamallee. } St. Thomas' Mount } Poonamallee and Palaveram. }	Do. do.	1,630			
	Minor repairs to buildings ...	14,000			
	House-rent to Military and Medical Subordinates ...	8,000			
			25,350		21,350
<i>North Arcot—</i>					
Vellore ...	Annual repairs to Cantonment roads	1,110			
Do. ...	Minor repairs to buildings ...	2,000			
	House-rent to Military and Medical Subordinates ...	500			
			3,610		4,110
<i>Salem—</i>					
Madagiri. Tripatore. Jollarpett. }	Minor repairs to buildings ...	2,000			
	House-rent to Military and Medical Subordinates ...	850			
			2,850		2,000
<i>Bangalore—</i>					
	Minor repairs to buildings and Main Sewer, etc. ...	25,037			
	Repairs to Cantonment roads and bridges ...	6,858			
	House-rent to Military and Medical Subordinates ...	10,000			
			41,945		37,440
<i>Trichinopoly—</i>					
	Minor repairs to buildings ...	4,000			
	Cantonment roads ...	1,188			
	House-rent to Military and Medical Subordinates ...	4,100			
	Do. to Hospital Purveyors...	330			
			9,618		6,000
<i>Coimbatore—</i>					
	Minor repairs to buildings ...	400			
			400		400
<i>Nilgcherries—</i>					
	Repairs to Lawrence Asylum buildings ...	2,000			
	Minor repairs to buildings ...	5,712			
	House-rent to Military and Medical Subordinates ...	1,200			
		216			
Wellington ...	Water-courses... ..	72			
	Bazar water-courses ...				
			9,200		7,000
<i>Carried over...</i>		...	1,96,000	...	1,80,000

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

	ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
	Amount.	Total.	Amount.	Total.
MILITARY.—(Concluded.)	Rs.	Rs.	Rs.	Rs.
<i>Brought over...</i>	...	1,96,000	...	1,80,000
<i>Malabar—</i>				
Cannanore ... Minor repairs to buildings ...	8,000			
... Cantonment roads ...	1,000			
Calicut ... Minor repairs to buildings ...	5,000			
... House-rent to Military and Medical Subordinates ...	6,000			
		20,000		16,000
<i>South Canara—</i>				
Mangalore ... Minor repairs to buildings ...	1,000			
... House-rent to Military and Medical Subordinates ...	300			
		1,300		1,300
<i>Tinnevelly—</i>				
Quilon ... Cantonment roads ...	1,200			
... Minor repairs to buildings ...	1,176			
... House-rent to Military and Medical Subordinates ...	324			
		2,700		2,700
Total, MILITARY ...	...	2,20,000	...	2,00,000
CIVIL BUILDINGS.				
<i>Ganjam—</i>				
Minor repairs to Revenue, etc., Build-ings ...	2,000			
Do. to Police Stations ...	600			
Do. to buildings in the Maliahs ...	500			
House-rent to Medical Subordinates on Civil duty ...	600			
		3,700		3,200
<i>Vizagapatam—</i>				
Minor repairs to Revenue, etc., Build-ings ...	1,200			
Do. to Police Stations ...	600			
House-rent to Medical Subordinates on Civil duty ...	600			
		2,400		1,700
<i>Carried over...</i>	...	6,100		4,900

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

	ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
	Amount.	Total.	Amount.	Total.
CIVIL BUILDINGS.—(Continued.)	Rs.	Rs.	Rs.	Rs.
<i>Brought over...</i>		6,100		4,900
<i>Godavery—</i>				
Minor repairs to Revenue, etc., Build-ings ...	4,500			
Do. to Police Stations ...	300			
House-rent to Medical Subordinates on Civil duty ...	300			
Minor repairs to Educational Build-ings ...	...	5,100		
		1,000		
		6,100		6,350
<i>Kistna—</i>				
Masulipatam ... Minor repairs to Revenue, etc., Build-ings ...	3,000			
Do. to Police Stations ...	500			
		3,500		4,000
<i>Nellore—</i>				
Minor repairs to Revenue, etc., Build-ings ...	2,100			
Do. to Police Stations ...	300			
		2,400		2,500
<i>Cuddapah—</i>				
Minor repairs to Revenue, etc., Build-ings ...	2,100			
Do. to Police Stations ...	300			
Do. to Educational Build-ings ...	...	2,400		
		2,000		
		4,400		3,000
<i>Kurnool—</i>				
Minor repairs to Revenue, etc., Build-ings ...	500			
Do. to Police Stations ...	300			
Do. to Educational Build-ings ...	...	800		
		200		
		1,000		750
<i>Nellary—</i>				
Minor repairs to Revenue, etc., Build-ings ...	1,500			
Do. to Police Stations ...	500			
House-rent to Medical Subordinates on Civil duty ...	400			
Do. to Educational build-ings ...	...	2,400		
		500		
		2,900		2,400
<i>Presidency—</i>				
Fort St. George ... Minor repairs to General Buildings...	4,000			
Black Town ... Do. do. ...	6,000			
<i>Carried over...</i>	10,000	26,400		23,900

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GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
CIVIL BUILDINGS.—(Continued).		Rs.	Rs.	Rs.	Rs.
<i>Brought over...</i>		10,000	26,400		23,900
<i>Presidency—(Concluded).</i>					
Mount Road' ...	Annual repairs to Government House.	3,000			
Do. and Chepauk ...	Do. to General buildings...	8,000			
	Do. Ecclesiastical do. ...	1,000			
	House-rent to Medical Subordinates on Civil duty- ...	9,000			
			31,000		
	Minor repairs to Educational Buildings.. ...		1,000		
			32,000		25,180
<i>Chingleput—</i>					
Guindy Park' ...	Minor repairs to Government House.	3,000			
St. Thomas' Mount ...	Do. to General and Revenue Buildings- ...	2,000			
Chingleput.					
Corjeveram.	Do. do. ...	4,500			
Streepermatoor.					
Madranticum.	Do. to Police Stations ...	200			
Caroongooly.			9,700		10,000
<i>North Arcot—</i>					
Chittoor ...	Minor repairs to General and Revenue Buildings ...	2,000			
Vellore ...	Do. do. ...	2,000			
Rancepett ...	Do. do. ...	1,000			
Poloor ...	Do. to Police Stations ...	500			
		500	6,000		5,400
<i>South Arcot—</i>					
Cuddalore ...	Repairs and improvements to the Collectorate Press Office and Revenue Buildings, etc. ...	1,000			
Villapooram ...	Repairs to Revenue, etc., Buildings...	1,100			
Tindivanam.	Do. do. ...	200			
Trinomalay.					
Trickalore.	Do. do. ...	200			
Callacoorhy.					
Chellambram.	Do. do. ...	400			
Vridachellam.	Do. to Police Stations...	400			
			3,300		3,600
<i>Carried over...</i>			77,400		68,080

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GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
CIVIL BUILDINGS.—(Continued).		Rs.	Rs.	Rs.	Rs.
<i>Brought over...</i>			77,400		68,080
<i>Salem—</i>					
Salem.	Repairs to Court-houses, etc. ...	1,850			
Darampory.	Minor repairs to Revenue, etc., Buildings ...	2,000			
Ootangiry.					
Oosoor.	Do. do. ...	470			
Tripatore.					
Kistnagiry.	Do. do. ...	950			
Namkal.	Do. to Police Stations...	400			
Ahtoor.			5,670		
Trichengode.	Do. to Educational Buildings ...		500		
			6,170		6,020
<i>Bangalore—</i>					
...	Minor repairs to Buildings ...	1,500			
...	House-rent to Medical Subordinates on Civil duty...	500			
			2,000		1,500
<i>Tanjore—</i>					
...	Minor repairs to Revenue, etc., Buildings ...	1,500			
Combaconum ...	Do. do. ...	1,500			
Mayaveram and Sheally.	Do. do. ...	1,000			
Negapatam and Tritrapoondy.	Do. do. ...	1,100			
Mannargoody and Pattocottah.	Do. do. ...	1,000			
Nannilam ...	Do. do. ...	900			
	Do. to Police Stations ...	300	7,300		9,500
<i>Trichinopoly—</i>					
...	Minor repairs to Revenue, etc., Buildings ...	1,000			
Mooseri and Perambalare.	Minor repairs to Revenue, etc., Buildings ...	500			
Woodiarpottai.	Do. do. ...	500			
Koolitalay ...	Do. do. ...	400			
	Do. to Police Stations ...	200			
			2,600		3,600
<i>Carried over...</i>			95,470		88,700

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GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.

		ESTIMATE 1871-72.		ESTIMATE 1870-71.	
		Amount.	Total.	Amount.	Total.
CIVIL BUILDINGS.—(Concluded.)		Rs.	Rs.	Rs.	Rs.
<i>Brought over...</i>			95,470		88,700
Coimbatore—	Minor repairs to Revenue, etc., Buildings	1,500			
Collegal	Do. do.	750			
Caroor	Do. do.	750			
	Do. to Police Stations	400			
			3,400		3,400
Neilgherries—	Minor repairs to Revenue, etc., Buildings	2,000			
			2,000		2,000
<i>Malabar—</i>					
Cannanore	Minor repairs to Revenue, etc., Buildings	1,500			
Calicut	Do. do.	1,500			
Palghaut	Do. do.	1,500			
	Do. to Police Stations	400			
			4,900		5,950
<i>Wynaad—</i>					
North Wynaad	Minor repairs to Revenue, etc., Buildings	500			
South-east do.	Do. do.	300			
Vythery	Do. do.	500			
	Do. to Police Stations	600			
			1,900		2,400
<i>South Canara—</i>					
Mangalore	Minor repairs to Revenue, etc., Buildings	1,000			
Condapoor	Do. do.	1,000			
Poottoor	Do. do.	1,000			
	Do. to Police Stations	600			
			3,600		3,500
Madura—	Minor repairs to Revenue, etc., Buildings	3,030			
	Do. to Police Stations	500			
			3,530		3,600
Tinnevelly—	Minor repairs to Revenue, etc., Buildings	4,000			
	Do. to Police Stations	400			
			4,400		4,250
Total, CIVIL BUILDINGS...			1,19,200		1,13,800

GOVERNMENT OF MADRAS.

Part III.—(Continued).

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
AGRICULTURAL.		Rs.	Rs.	Rs.	Rs.
Ganjam—	Repairs to Irrigation Canals, Tanks, Dykes, and Drainages	22,500			
			22,500		22,500
Vizagapatam—	Do. do. do.	8,500			
			8,500		8,500
Godavery—	Do. do. do.	1,55,000			
			1,55,000		1,46,000
Kistna—	Do. do. do.	75,000			
			75,000		70,000
Nellore—	Do. do. do.	56,000			
			56,000		54,000
Cuddapah—	Do. do. do.	70,000			
			70,000		72,500
Kurnool—	Do. do. do.	20,000			
			20,000		17,000
Bellary—	Do. do. do.	51,500			
			51,500		51,500
Presidency—	Do. do. do.	3,000			
			3,000		3,000
Chingleput—	Do. do. do.	90,000			
			90,000		85,000
North Arcot—	Do. do. do.	1,10,000			
			1,10,000		1,07,000
South Arcot—	Do. do. do.	1,07,500			
			1,07,500		1,07,500
Salem—	Do. do. do.	35,000			
			35,000		35,000
Tanjore—	Do. do. do.	1,45,000			
			1,45,000		1,80,000
Trichinopoly—	Do. do. do.	71,000			
			71,000		71,000
Coimbatore—	Do. do. do.	48,000			
			48,000		40,925
Malabar—	Do. do. do.	1,100			
			1,100		1,075
Madura—	Do. do. do.	41,000			
			41,000		41,000
Tinnevelly—	Do. do. do.	89,900			
			89,900		86,500
Total, AGRICULTURAL...			12,00,000		12,00,000
COMMUNICATIONS.					
Ganjam—	Great Northern road from Madras to the Bengal frontier	18,650			
	Road from Gopaulpore to the North-Western frontier, via Berhampore, Aska, and Russelcondah	12,176			
	Roads in the Khond Maliahs in Ganjam, and thence to Sooradah in the low country	5,200			
	Road from Nowpada to Teckally	600			
	Do. from Calingapatam to Chicacole	2,380			
	South approach to Chicacole bridge	130			
Carried over...		39,136			

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GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
COMMUNICATIONS.—(Continued.)		Rs.	Rs.	Rs.	Rs.
<i>Brought over...</i>		39,136	...	...	...
<i>Ganjam.—(Concluded.)</i>	Road connecting Beersolah on Trunk Road No. VI. with the Port of Sonapore ...	912			
	Road from Chicacole to Palcondah and Parvatipoor ...	3,155			
	Do. from Nowpada to the Vizagapatam frontier, via Jagganadapoor. Repairs to Timber bridges on Salt Road No. II. from Nowpada, via Jagganadapoor to the Vizagapatam frontier ...	2,760			
	...	2,615	48,578		
	Road from Aska to Ganjam port on salt pans (District Road, etc., Funds) ...	3,000			
	Do. from Aska to Russelcondah, via Ballipadra (District Road, etc., Funds) ...	2,650			
	Minor repairs to roads, etc., (District Road, etc., Funds) ...	14,220	19,870		
	Do. do. (Port Fund)...	...	750		
			69,198		66,968
<i>Vizagapatam—</i>	Great Northern road from Madras to the Bengal frontier, with a branch from Ankapilly to Vizagapatam ...	14,100			
	Road from Vizagapatam to the Jeypoor country, via Bimlipatam, Vizianagaram, and Casseepoor ...	6,114			
	Pettah Ghaut and other roads in the Jeypore Zemindary ...	3,000			
	Road from Chicacole to Palcondah and Parvatipoor... ..	2,950			
	Do. from Vizagapatam to Vamala-vulsah (portion of Road No. V) ...	3,000	29,164		
	Road from Vizagapatam to Kascepoor, via Srungavarapucottah (District Road, etc., Funds) ...	5,650			
	Road from Vizianagaram to Palcondah by Cheepurpally (District Road, etc., Funds) ...	4,500			
	Do. from do. to Parvatipoor (District Road, etc., Funds) ...	5,200			
	Minor repairs to roads, etc., (District Road, etc., Funds) ...	6,390	21,740		
			50,904		51,554
<i>Godavery—</i>	Great Northern road from Madras to the Bengal frontier, with a branch from Jaggampettah to Cocanada ...	12,000			
	Roads in the Rumpah Country ...	5,000			
<i>Carried over...</i>		17,000	1,20,102		1,18,522

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GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
COMMUNICATIONS.—(Continued.)		Rs.	Rs.	Rs.	Rs.
<i>Brought over...</i>		17,000	1,20,102	...	1,18,522
<i>Godavery.—(Concluded.)</i>	Dredging Channel head ...	* 4,800	21,800		
	Road along the Canal Bank from Dowlaishweram to Samalcottah (District Road, etc., Funds) ...	3,000			
	Minor repairs to roads, etc., (District Road, etc., Funds) ...	19,550	22,550		
			44,350		42,291
<i>Kistna—</i>	Great Northern road from Madras to the Bengal frontier ...	4,500			
	Road from Masulipatam to the Hyderabad frontier, via Bezvadah ...	29,240			
	Towing paths for 48 miles of the Masulipatam Canal ...	1,440			
	Do. for 39 miles of the Ellore Canal ...	1,170			
	Do. for 41 miles of Nizampatam Canal ...	1,230			
	Do. for 51 miles of the Commamore Channel ...	1,530			
	Road from Inkoale to Chinna Ganjam. Do. from Argole to Bantoomilly ...	800	1,440		
			41,350		
	Road from Guntoor to Ponnore (District Road, etc., Funds) ...	2,550			
	Do. from do. to Sattanapally (District Road, etc., Funds) ...	3,220			
	Trunk Road No. VII. from Kopperapad to Pendigal (District Road, etc., Funds) ...	3,900			
	Minor repairs to roads, etc., (District Roads, etc., Funds) ...	17,330	27,000		
			68,350		66,390
<i>Nellore—</i>	Great Northern road from Madras to the Bengal frontier ...	26,162			
	Road from Kottapatam on the Nellore coast to Nundial in Kurnool, via Ongole and the Nandicanama Pass. Do. from Kristnapatam on the Nellore coast to Cazeppett on the road from Kurnool to Cuddapah, via Nellore and Dorenal Pass ...	7,220			
	Do. from Doograzpatam to the Great Northern Road ...	11,300			
	Road from Alloor to Iskapilly ...	1,440			
	Do. from Singaroyacondah to Oolapollam ...	600			
		550			
			47,272		
<i>Carried over...</i>		...	2,32,802	...	2,27,203
			47,272		

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
		Rs.	Rs.	Rs.	Rs.
COMMUNICATIONS.—(Continued.) <i>Brought over...</i>		...	2,32,802	...	2,27,203
Nellore.—(Concl'd.)	Road from Rapoor Ghaut to Goodoor (District Road, etc., Funds) ...	2,790	47,272		
	Do. from Mudigondah river to Kopperapaud (District Road, etc., Funds) ...	2,790			
	Minor repairs to roads, etc., (District Road, etc., Funds) ...	15,110	20,690		
			67,962		64,806
Cuddapah—	Road from Kistnapatam on the Nellore coast to Cazeepett on the road from Kurnool to Cuddapah, via Nellore and the Dorenal Pass... ..	6,200			
	Do. from Chittoor to Kurnool, via Cuddapah and Nundial ...	22,350			
	Do. from Chittoor to the Bombay frontier at Hulal, in the Bellary District, via Palmanair, Madanapally, Anantapoor, Bellary, Hospett and Hoovinhadgally ...	17,800	46,350		
	Road from North Arcot frontier at Ballapally, via Cuddapah to Bellary frontier (District Road, etc., Funds) ...	6,070			
	Do. from Badwail to Kurnool frontier (District Road, etc., Funds)...	3,200			
	Do. from Moodanoor to Kadiri (District Road, etc., Funds) ...	3,000			
	Do. from Cuddapah to Vainpally (District Road, etc., Funds) ...	2,700			
	Do. from Royachoty, via Vainpally to Yellanoor (District Road, etc., Funds) ...	3,500			
	Do. from do. to Angaloo on Trunk Road No. XVII. (District Road, etc., Funds) ...	3,000			
	Do. from do. to Kadiri (District Road, etc., Funds) ...	3,150			
	Do. from Madanapally, via Chinna Tippasamoodrum, Voilpaul, and Peclair to Nagapatla Pass (District Road, etc., Funds) ...	4,000			
	Minor repairs to roads, etc., (District Roads, etc., Funds) ...	29,810	58,530		
			1,04,880		97,580
Kurnool—	Road from Kottapatam on the Nellore coast to Nundial in Kurnool, via Ongole Cumbun, and the Nandicanamah Pass ...	12,687			
	Do. from Chittoor to Kurnool, via Cuddapah and Nundial ...	12,750			
	Do. from Bellary to Kurnool ...	7,750	33,187		
	<i>Carried over...</i>	...	{ 4,05,614 33,187 }	...	3,89,589

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
		Rs.	Rs.	Rs.	Rs.
COMMUNICATIONS.—(Continued.) <i>Brought over...</i>		...	4,05,644	...	3,89,589
Kurnool.—(Concl'd.)	Road from Ghooty to Kurnool (District Road, etc., Funds) ...	7,950	33,187		
	Do. from Nandikotkoor to Bairlooty (District Road, etc., Funds) ...	3,200			
	Minor repairs to roads, etc., (District Roads, etc., Funds) ...	6,950	18,100		
			51,287		48,687
Bellary—	Road from Chittoor to the Bombay frontier at Hulal in the Bellary District, via Palmanair, Madanapally, Anantapoor, Bellary, Hospett, and Hoovinhadgally with a branch from Humpasagar to Suvunpally ...	31,723			
	Do. from Bellary to Kurnool ...	6,150			
	Do. from the Kurnool frontier of the Bellary District, via Ghooty and Anantapoor, to the Mysore frontier near Pennacondah ...	16,050			
	Do. from Ramandroog to Tornagal. ...	4,000			
	Do. do. to Nagalapoor Ghaut ...	600	58,525		
	Road from Hallal to Mysore frontier near Hoolavasungatyally, via Harpenhally, Kudlighi, and Goodacottah (District Road, etc., Funds)...	3,400			
	Do. from Mysore frontier near Hurryhar, via Harpenhally to Trunk Road No. XVIII. at Gowripoor (District Road, etc., Funds) ...	2,870			
	Do. from Madavaram, via Adony to Trunk Road No. XIX. at Aspery (District Road, etc., Funds) ...	4,000			
	Do. from Cuddapah frontier, via Ghooty to Trunk Road No. XVIII. near Jaladarsy (District Road, etc., Funds) ...	7,600			
	Do. from Bellary, via Cullandroog to the Mysore frontier near Cumbadoor (District Road, etc., Funds) ...	3,050			
	Do. from Raidroog, via Cullandroog to Dharmavaram (District Road, etc., Funds) ...	2,750			
	Do. from Anantapoor to Tadpatry (District Road, etc., Funds) ...	3,380			
	Minor repairs to roads, etc., (District Road, etc., Funds) ...	41,950	69,000		
			1,27,525		1,21,000
Presidency—	Roads over Government Bridges and within the limits of Government compounds... ..	9,395			
	Do. leading from the Fort towards the Mount and Poonamallee ...	9,058			
	Minor repairs to roads and bridges ...	2,000	20,453		23,453
	<i>Carried over...</i>	...	6,04,909	...	5,82,729

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
COMMUNICATIONS.—(Continued.)		Rs.	Rs.	Rs.	Rs.
	<i>Brought over...</i>	...	6,04,909	...	5,82,729
<i>Chingleput—</i>	Great Northern road from Madras to the Bengal frontier ...	26,350			
	Do. Southern road from Madras to the Travancore frontier ...	31,896			
	Do. Western road from Madras to Calicut ...	26,650			
	Road from Cheyoor to Chotapakam and Wandiwash ...	2,175			
	Boat Channel at Cheyoor ...	1,000			
	Road from Marmalong bridge to Guindy Park Gate ...	210			
	Roads in Guindy Park ...	740			
	Road from Madras to Trivettore ...	327			
	Basin road to Trivettore ...	352			
	Road from Trivettore to Ennore ...	718			
	Do. from the Red Hills from the boundary of Madras to the Paper Mills ...	353			
	Do. on the Colattoor Tank bund ...	41			
	Road from Chinnamoothen Chavady to Sheally Moodelly's Choultry ...	600			
	Johannes' Road, Sydapett ...	307			
	Road from Sydapett to Kodambankam ...	400			
	Do. from Elphinstone's bridge towards Sadras ...	400			
	Sydapett Town Road ...	200			
	Road from Saint Thomas' Mount to Poonamallee ...	1,148			
	Do. from Saint Thomas' Mount to Sydapett ...	1,681			
	Do. from Sahib's to Vendalure Choultry ...	1,990			
	Maintenance of the Northern Canal from the basin at Madras to Dugrazpatam and the Canal between the Coovam river and the Basin bridge (Cochrane's and Sadras Canal Funds) ...	7,000			
	Do. Dugrazpatam to Kana-poor (do.) ...	1,200			
	Do. Southern Canal from Adyar to the Palar river (do.) ...	4,000			
			12,200		
<i>North Arcot—</i>	Great Western Road from Madras to Calicut, with a branch from Arcot to Chittoor ...	14,090	1,12,771		1,39,507
	Road from Chittoor to Kurnool, via Cuddapah and Nundial ...	6,810			
	Do. from Chittoor to the Bombay frontier at Hulal in the Bellary District, via Palmanair, Madanapally, Anantapoor, Bellary, Hospett, and Hoovinhadgally ...	10,000			
			30,900		
	<i>Carried over...</i>	...	{ 7,17,680, 30,900 }	...	7,22,236

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
COMMUNICATIONS.—(Continued.)		Rs.	Rs.	Rs.	Rs.
	<i>Brought over...</i>	...	7,17,680	...	7,22,236
			30,900		
<i>North Arcot.—(Concluded.)</i>	Road from Chittoor to Rancepett (District Road, etc., Funds) ...	2,920			
	Do. from Gudiatam Railway Station to Palmanair (District Road, etc., Funds) ...	2,700			
	Do. from Poothalpett to Tripathy (District Road, etc., Funds) ...	2,830			
	Do. from Trunk Road No. X. at Palmanair to Cooppum Railway station, via Venketagerrykotta with branches to Cuddapanatham and Zeerthum (District Road, etc., Funds) ...	3,400			
	Do. from Tripathy Railway Station via Kalastry to Naidoopett (District Road, etc., Funds) ...	3,240			
	Do. from Vellore to Arnee (District Road, etc., Funds) ...	3,450			
	Do. branch from Vellore to Arnee at Kannamungalam to South Arcot frontier (Trinamaly) via Poloor (District Road, etc., Funds) ...	2,800			
	Do. from Arcot to Wandiwash with branches to Chakramallure and Colaway (District Road, etc., Funds) ...	3,600			
	Do. from Wandiwash to Poloor via Chetput (District Road, etc., Funds) ...	2,630			
	Minor repairs to roads, etc., (District Road, etc., Funds) ...	39,260			
			66,830		
			97,730		94,195
<i>South Arcot—</i>	Great Southern Road from Madras to the Travancore frontier, with a branch at Tindivanam towards Negapatam, and another at Vicravady towards Combaconum, via the Vel-laur Anicut ...	31,400			
	Road from Mercanam to Samalpatty on the line of Railway, via Tindivanam, Ginjee, Trinomalay, and the Chenghama Pass ...	10,000			
	Do. from Cuddalore to Salem via Punrooty, Oolundoorpett, Culla-coorchy, Chinna Salem, and Aktoor. Clearing and earth-work to the passage from the Cuddalore Custom-house to the Bar ...	9,750			
	Road from Teagavally to Goondalum. ...	1,000			
	Do. from Chunampet to Alathoor ...	450			
	Do. from Candoty to Thembakam ...	1,000			
	Repairs to Canals and Locks in the 4th Range ...	500			
	Planting of Nurseries, etc. ...	1,925			
		392			
			59,417		
	<i>Carried over...</i>	...	{ 8,15,410, 59,417 }	...	8,16,431

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
COMMUNICATIONS.—(Continued.)		Rs.	Rs.	Rs.	Rs.
<i>Brought over...</i>		.....	8,15,410	.....	8,16,431
<i>South Arcot.—(Concluded.)</i>	Road from Virdachellum to Trunk Road No. VIII. by Pennadam and Thittagoody (District Road, etc., Funds) ...	2,500	59,417		
	Do. from Cuddalore to the Salem frontier by Virdachellam (District Road, etc., Funds) ...	4,400			
	Minor repairs to roads, etc., (District Road, etc., Funds) ...	67,540	74,440		
			1,33,857		1,26,491
<i>Salem—</i>	Great Western Road from Madras to Calicut, with a branch from Vaniembady to Oosoor and the Mysore frontier ...	22,200			
	Road from Mercanam to Samalputty on the line of Railway, via Tindivanam, Ginjee, Trinamalai, and the Chengamah Pass ...	1,300			
	Do. from Cuddalore to Salem via Punrooty, Oolundoorpett, Cullacoorchy, Chinna Salem, and Abtoor ...	8,400			
	Road from Sheally in the Tanjore District to Salem via the Grand Anicut, Trichinopoly, Museri, and Namakal ...	6,000			
	Ghauts and roads on the Shervaroy Hills ...	4,000	41,900		
	Minor repairs to roads etc., (District Road, etc., Funds) ...	1,600	1,600		
<i>Tanjore</i>	Great Southern road from Madras to the Travancore frontier with a branch from Tindivanam towards Negapatam, via Pondicherry, Cuddalore, Sheally, and Tranquebar ...	7,300	43,500		41,200
	Do. branch from Vicravandy towards Combaconum, via the Vellaur Anicut ...	2,025			
	Road from Sheally in the Tanjore District to Salem, via the Grand Anicut, Trichinopoly, Museri, and Namkal ...	9,060			
	Road from Vadarniem to Mannargoody ...	1,565			
	Do. from Adrampatam to Gundracottah ...	3,360			
	Do. from Pattoocottah to Tanjore ...	3,200			
	Do. from Cuttamavady to Aroonthangy ...	480			
	Repairs to bridges ...	1,428			
	Do. to Navigable Canals ...	10,000			
			38,418		
<i>Carried over...</i>		...	{ 9,92,767 38,418 }	.....	9,87,122

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
COMMUNICATIONS.—(Continued.)		Rs.	Rs.	Rs.	Rs.
<i>Brought over...</i>		.....	9,92,767	.....	9,87,122
<i>Tanjore.—(Concluded.)</i>	Road No. I. from Tanjore to Negapatam		38,418		
	Do. do. from Tanjore to Trichinopoly (District Road, etc., Funds) ..	10,200			
	Do. No. IV. from do. to the south bank of Coleroon (District Road, etc., Funds) ...	3,170			
	Do. No. XV. from Combaconum to Mannargoody to Adrampatam, etc., (District Road, etc., Funds) ...	7,950			
	Do. No. XXVI. from Muttupetta to Valangany (District Road, etc., Funds) ...	3,200			
	Do. No. XXX. from Mayaveram to Nagore (District Road, etc., Funds) ...	2,500			
	Do. No. XXXV. from Parallelam to Trisapoondi via Trivalore (District Road, etc., Funds) ...	3,360			
	Do. No. XXXIX. from Papanassum to Ammapett (District Road, etc., Funds) ...	5,500			
	Minor repairs to roads, etc., (District Road, etc., Funds) ...	41,460	77,340		
			1,15,758		1,11,533
<i>Trichinopoly</i>	Great Southern Road from Madras to the Travancore frontier ...	24,050			
	Road from Sheally in the Tanjore District to Salem, via the Grand Anicut, Trichinopoly, Museri, and Namakal ...	11,080			
	Repairs to bridges ...	1,235	36,365		
	Road No. III. from Trichinopoly to Caroor (District Road, etc., Funds)	7,040			
	Do. No. IV. from do. to Dindigul (District Road, etc., Funds) ...	4,300			
	Do. No. VI. from do. to Arcalore and Woodiarpolliem to its junction with Trunk Road No. IX. (District Road, etc., Funds) ...	7,140			
	Do. No. VIII. from Trichinopoly to the Salem frontier via Torriore (District Road, etc., Funds) ...	4,200			
	Minor repairs to roads, etc., (District Road, etc., Funds) ...	15,340	38,020		
			74,385		74,458
<i>Coimbatore—</i>	Great Western Road from Madras to Calicut ...	7,920			
<i>Carried over...</i>		7,920	11,82,910	...	11,73,113

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
COMMUNICATIONS.—(Continued.)		Rs.	Rs.	Rs.	Rs.
	<i>Brought over...</i>	7,920	11,82,910	...	11,73,113
<i>Coimbatore—(Concluded.)</i>	Road from Paumben on the Madura coast to Palghaut, via Ramnad, Madura, Palney, and Pollachy, with a branch from Pollachy to Coimbatore.	7,150			
	Hassanoor Ghaut road from Erode to the Mysore frontier	6,600			
	Burghoor Ghaut road from Erode to the Mysore frontier, via Collegal	10,010	31,680		
	Road from Poothanoor Railway Station to the foot of the Coonoor Ghaut by Metapolliem (District Road, etc., Funds)	7,480			
	Do. from Coimbatore to Sattiamangalam by Annoor and Pooliempatty (District Road, etc., Funds)	4,400			
	Do. from Oodamalpetta to Caroor by Dharapooram and Chinna Dharapooram (District Road, etc., Funds)	7,700			
	Do. from Sattiamangalam to Bowany, via Attany (District Road, etc., Funds)	3,740			
	Do. from the Caroor Railway station to the foot of the Coonoor Ghaut including Caroor Bazaar roads (District Road, etc., Funds)	5,230			
	Do. from Oodamalpetta to Tirpoor by Pariapatty and Pulladam (District Road, etc., Funds)	4,400			
	Do. from Coimbatore to Kongayam (District Road, etc., Funds)	4,620			
	Do. from Dharapooram to Tirpoor by Avenashyolliem (District Road, etc., Funds)	3,300			
	Minor repairs to roads, etc., (District Road, etc., Funds)	37,120	77,990		
			1,09,670		73,320
<i>Neilgherries—</i>	New road from Coonoor to Ootacamund	2,640			
	Ootacamund, by the Seegoor Ghaut, to Tippacadoo	2,800			
	Goodaloor Ghaut and road above	3,300			
	New Coonoor Ghaut	10,000			
	Ootacamund Station roads	1,700			
	Wellington Cantonment roads	1,320			
	Coonoor Station roads	880			
	Coonoor and Kotagherry roads	1,320			
	<i>Carried over...</i>	21,080	12,92,580	...	12,46,433

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
COMMUNICATIONS.—(Continued.)		Rs.	Rs.	Rs.	Rs.
	<i>Brought over...</i>	24,080	12,92,580	...	12,46,433
<i>Neilgherries—(Concluded.)</i>	Ootacamund and Kotagherry Roads...	1,320			
	Do. to Lawrence Asylum and Devasholah	1,320	26,720		
	Minor repairs to roads, etc., (District Road, etc., Funds)	6,800	6,800		
			33,520		33,920
<i>Malabar—</i>	Great Western Road from Madras to Calicut	10,890			
	Road from Calicut to Mangalore	9,210			
	Do. from Calicut to the Mysore frontier, via the Tambercherry Ghaut and Sultan's Battery	2,970			
	Do. from Cannanore to the Mysore frontier, via the Periah Pass and Manantoddy	3,300			
	Do. do. via Muttanoor	3,740			
	Do. No. XIII. from Paumben to Palghaut	2,310			
	Kottiadly Ghaut Road	990			
	Road from Condotty to Tippacadoo, via the Karkoor Ghaut	4,290			
	Do. from Edivanah to the Tiroor Station, via Malliaporam	3,520			
	Do. from Tellicherry to Kotaparamba	1,000			
	Salt Road No. XXIII. from Ponany to Puttamby	1,980			
	Canal from Cochin to Malabar	6,600			
	Road to Sultan's Canal	300	51,130		
	Road from Pattamby to Palghaut (District Road, etc., Funds)	3,740			
	Additional maintenance to the road from Baliapatam to Beypoor (District Road, etc., Funds)	7,700			
	Do. do. from Cannanore to Coorg (District Road, etc., Funds)	3,740			
	Minor repairs to roads, etc., (District Road, etc., Funds)	28,560	43,740		
			94,870		85,650
<i>Wynaad—</i>	Periah Ghaut and Road via Vythery, Calputty and Sultan's Battery, to the Mysore frontier	8,000			
	Tambercherry Ghaut and road, via Vythery, Calputty and Sultan's Battery to the Mysore frontier	9,200			
	<i>Carried over ...</i>	17,200	14,20,970	...	13,66,033

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
COMMUNICATIONS.—(Continued.)		Rs.	Rs.	Rs.	Rs.
<i>Brought over...</i>		17,200	14,20,970	.....	13,66,003
<i>Wynaad.—(Concluded.)</i>	Karkoor Ghaut, via Goodalore, to Tippacaloo, on the eastern frontier of Wynaad ...	6,400			
	Road from Manantoddy to Luckady ...	6,000			
	Do. from Coorg frontier to the Periah Ghaut Road ...	1,500			
	Do. from Manantoddy to the foot of the Koottiady Ghaut ...	2,700			
	Do. from Manantoddy, via Panamaram to Sultan's Battery and Goodalore ...	8,850			
			42,650		
	Maintenance allowance for the Peria Tambercherry and Karkoor Ghaut (District Road, etc., Funds) ...	5,400			
			5,400		
			48,050		48,050
<i>South Canara—</i>	Road from Calicut to Mangalore ...	9,460			
	Do. from Mangalore to the Mysore frontier, via the Sumpajee Ghaut.	5,280			
	Do. from Mangalore to the Mysore frontier, via the Agumby Ghaut ...	6,930			
	Cooloor Ghaut Road from Wandotee to the Mysore frontier ...	3,520			
	Kodikal Ghaut road, via Charmandy to Bantwall ...	4,620			
	Road from the Munzerabad Ghaut to Manni, via Openangady ...	4,620			
	Branch from Haulkaul on the road to Byndoor ...	1,760			
	Road from Somaiswar at the foot of the Agumby Ghaut to Hallady ...	1,980			
	Road from Hospett near Somaiswar, to Oodipee, with branch to Bajee ...	2,200			
			40,370		
	Minor repairs to roads, etc., (District Road, etc., Funds) ...	6,630			
			6,630		
			47,000		47,203
<i>Madura—</i>	Great Southern Road from Madras to the Travancore frontier ...	18,000			
	Road from Tondy on the Madura coast to Palkanooth via Davicottah, Tripattoor, Nattam and Dindigul ...	13,500			
	Do. from Paumben on the Madura Coast to Palghaut via Ramnad, Madura, Palney, and Polachy ...	20,900			
	Cotton Road from Madura to Tuticorin via Ettiapooram ...	3,800			
	<i>Carried over...</i>	56,200	15,16,020	...	14,61,256

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
COMMUNICATIONS.—(Concluded.)		Rs.	Rs.	Rs.	Rs.
<i>Brought over...</i>		56,200	15,16,020	...	14,61,256
<i>Madura.—(Concluded.)</i>	Road from Sayelgoody to Thopoor ...	3,050			
	Sand Bank Channel at Paumben ...	2,000			
			61,250		
	Minor repairs to roads, etc., (District Road, etc., Funds) ...	2,300			
			2,300		
			63,550		60,200
<i>Tinnevely—</i>	Great Southern Road from Madras to the Travancore frontier ...	21,800			
	Cotton Road from the border of the Madura District through Ettiapooram to Tuticorin ...	10,000			
	Road between Vypaur on the Tinnevely Coast to Streevellipoothoor ...	5,000			
	Do. from Tuticorin to Tenkasee on the Travancore frontier via Palamcottah... ..	10,450			
			47,250		
	Do. from Palamcottah to Trichendoor (District Road, etc., Funds)... ..	2,750			
	Do. from Madura frontier to Panagudi (District Road, etc., Funds)... ..	9,800			
	Do. from Tinnevely to Rajahpolliem (District Road, etc., Funds) ...	3,200			
	Minor repairs to roads, etc., (District Road, etc., Funds) ...	25,970			
			41,720		
			88,970		85,104
			16,68,540		16,06,560
	<i>Total, COMMUNICATIONS...</i>	...	16,68,540	...	16,06,560
MISCELLANEOUS PUBLIC IMPROVEMENT.					
<i>Ganjam—</i>	Repairs to Ferry Boats (District Road, etc., Funds) ...	100			
			100		1,100
<i>Vizagapatam—</i>	Minor repairs ...	300			
			300		800
<i>Godavery—</i>	Repairs to Cocanada Harbour ...	7,635			
	Minor repairs ...	200			
			7,835		
	Repairs to Light house at Coringa (Port Fund) ...	2,000			
	Do. to do. buildings at do. (do.)	1,500			
	Do. to do. at Cocanada (do.)	1,000			
			4,500		
	Maintaining avenues (District Road, etc., Funds) ...	...	5,000		
			17,335		17,835
<i>Kistna—Masulipatam</i>	Minor repairs ...	500			
			500		
	Maintaining avenues (District Road, etc., Funds) ...	...	7,000		1,000
			7,500		
	<i>Carried over...</i>	...	25,235	...	20,735

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1871-72.—(Continued.)

		ESTIMATE, 1871-72.		ESTIMATE, 1870-71.	
		Amount.	Total.	Amount.	Total.
MISCELLANEOUS PUBLIC IMPROVEMENT.—(Concluded.) Brought over...		Rs. ...	Rs. 25,235	Rs. ...	Rs. 20,735
Presidency—	Minor repairs	300	300		300
Chingleput—	Do. do.	50	50		50
North Arcot—	Do. do.	50	50		50
South Arcot—	Do. to Flag staves	140	140		140
Tanjore—	Minor repairs to Ports and Harbours.	5,000	5,000		
	Protecting sand spit and repairs to sand fences at Negapatam, (Port Fund)	670			
	Repairs to the revetment of the north bank of the Vettaur and raising the bank, etc., within the limits of the Port of Nagore, (Port Fund)	550			
	Repairs to Marine works (Port Funds)	500	1,720		
Coimbatore—	Repairs to Chuttrums, public wells, and toll-houses (District Road, etc., Funds)	1,000	1,000		6,920
Neilgherries—	Minor repairs	400	400		300
Malabar—	Do.	200	200		950
South Canara—	Do.	25	25		
	Quay repairs, (Port Fund)	250			
	Repairs to Marine works, (do.)	200	450		
			475		775
Madura—	Minor repairs	100	100		100
Tinnevelly—	Do.	100	100		600
Total, MISCELLANEOUS PUBLIC IMPROVEMENT...		...	31,770	...	32,420
Grand Total...		...	32,42,510	...	31,52,780

NOTE.—Of the above charge, Rupees 5,200 for repairs to "Civil Buildings" are debited to Local Funds (Educational), Rupees 7,13,240* for repairs to "Communications," and Rupees 19,770† for repairs under "Miscellaneous Public Improvement," to District Road and Port Funds, and the balance Rupees 25,04,300 to Imperial Funds.

* District Road, etc., Funds... Rupees 7,00,290
Canal Funds " 12,200
Port Funds..... " 750
" 7,13,240

† Port Funds " 6,670
District Road, etc., Funds " 13,100
19,770

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

GOVERNMENT OF MADRAS.

Part IV.

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1871-72.

NUMBER.		PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1871-72.			ESTIMATE FOR 1870-71.
				Per Mensem.	Per Annum.	Total.	Charges per Annum.
1870-71.	1871-72.		Rs.	Rs.	Rs.	Rs.	Rs.
		DIRECTION. Office of Secretary.					
1	1	Secretary to Government	2,500	2,500	30,000		30,000
33	31	Clerks from 10 to 600 Rupees each ... ..	.....	2,425	29,100		29,100
15	15	Office Servants ... ..	.....	108	1,296		1,296
		Office Expenses and Contingencies ... ..	.....	50	600		600
49	47					60,996	60,996
1	1	Chief Engineer and Joint-Secretary to Government, Irrigation Department.	2,000	2,000	24,000		24,000
		Establishment for do. ... ..	.....	500	6,000		6,000
		Presidency House-rent ... ..	.....	60	720		360
		Travelling Allowance for the Chief Engineer for Irrigation ... ..	.....	166½	2,000		2,000
		Official Postage ... ..	.....		6,000	32,720 6,000	32,360
1	1					99,716	93,356
		Superintending Engineers.					
4	3	Superintending Engineers, 1st Grade.	1,600	4,800			
4	3	Do. do. 2nd „	1,350	4,050			
	2	Do. do. 3rd „	1,100	2,200			
				11,050	1,32,600		74,400
		Military Allowances ... ..	.....	4,515	54,180		51,760 54,180
75	75	Clerks from 20 to 200 Rupees each ... ..	.....	480	5,760		5,760
8	8	Draughtsmen at 60 Rupees each ... ..	.....	504	6,048		6,048
80	80	Office Servants ... ..	.....	400	4,800		4,800
		Office rent for 8 Superintending Engineers, at 50 Rupees each ... ..	.....		14,400		14,400
		Travelling Allowance ... ..	.....		3,744		3,744
		Batta for Office Establishment ... ..	.....		2,880		2,880
		Office Contingencies at 30 Rupees each for 8 Superintending Engineers ... ..	.....	240	2,880		
		Official Postage ... ..	.....		26,000	2,28,412 26,000	2,17,972
171	171					2,54,412	2,17,972
		Total for DIRECTION ... ..	.....			3,54,128	3,11,328

GOVERNMENT OF MADRAS.

Part IV.—(Continued.)

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1871-72.—(Continued.)

NUMBER.		PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1871-72.			ESTIMATE FOR 1870-71.
1870-71.	1871-72.			Per Mensm.	Per Annum.	Total.	
			Rs.	Rs.	Rs.	Rs.	Rs.
		CONSTRUCTION.					
6	6	Executive Engineers, 1st Grade ...	950	5,700			
8	8	Do. do. 2nd „ ...	800	6,400			
8	8	Do. do. 3rd „ ...	650	5,200			
9	9	Do. do. 4th „ ...	550	4,950			
				22,250	2,67,000		2,48,400
10	10	Assistant Engineers, 1st Grade ...	450	4,500			
20	20	Do. do. 2nd „ ...	350	7,000			
7	4	Do. do. 3rd „ ...	250	1,000			
				12,500	1,50,000		1,36,800
		Military Allowances ...	.....	.....	9,276		55,000
		Pay Proper of seconded Officers ...	.....	800	9,600		9,000
1	1	Consulting Architect ...	1,200	1,200	14,400		14,400
		Presidency House-rent ...	.....	105	1,260		1,080
69	66					4,51,536	4,64,680
		<i>Upper Subordinate Establishment.</i>					
4	4	Sub-Engineers, 1st Grade... ..	400	1,600			
3	3	Do. 2nd „ ...	300	900			
7	7	Do. 3rd „ ...	250	1,750			
15	15	Supervisors 1st „ ...	200	3,000			
26	26	Do. 2nd „ ...	150	3,900			
187	187	Talook Overseers ...	60	11,220			
				22,370	2,68,440		2,68,440
242	242						
		Military Allowances ...	.....	3,333	40,000		40,000
		Presidency House-rent ...	.....	70	840		840
1	1	Mechanical Engineer ...	410	410	4,920		4,836
						3,14,200	3,14,116
		Petty Establishment ...	.....	.....	50,000		50,000
		50 per cent. increase for Wynaad Officers ...	.....	L. F.	1,17,480		1,18,930
							6,400
						1,74,800	1,75,330
		<i>Carried over...</i>	.....	.....	.....	9,40,536	9,54,126

GOVERNMENT OF MADRAS.

Part IV.—(Continued.)

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1871-72.—(Continued.)

NUMBER.		PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1871-72.			ESTIMATE FOR 1870-71.
1870-71.	1871-72.			Per Mensm.	Per Annum.	Total.	
				Rs.	Rs.	Rs.	Rs.
		CONSTRUCTION.—(Continued.)					
		<i>Brought over...</i>	.....	.....	.....	9,40,536	9,54,126
		<i>Range Office Establishments.</i>					
54	54	Accountants for 1st Class Ranges from 30 to 60 Rupees each ...	.....		2,430		
20	20	Do. for 2nd Class Ranges, at Rupees 50 each ...	.....		1,000		
70	70	Do. for 3rd Class Ranges from 20 to 40 Rupees each ...	.....		2,100		
144	144						
12	12	Do. for the Presidency, Bangalore, and Neilgherry Ranges from 25 to 70 Rupees each ...	.....		560		
					6,090		
156	156				1,705		
86	86	Clerks from 15 to 40 Rupees each ...	.....				
49	49	Draughtsmen from 40 to 80 Rupees each ...	.....		2,030		
		Peons and Lascars ...	.....		1,774		
254	254	50 per cent. increase for the Wynaad Range Establishments ...	.....		123		
					11,722	1,40,634	
		<i>Special Establishments for the 5th and 6th Ranges of the Chingleput District</i>					
174	174	Goonastahs at 15 Rupees each ...	.....		2,610		
348	348	Lascars at 6 Rupees each ...	.....		2,088		
					4,698	56,376	1,99,278
911	911						1,98,810
		<i>Temporary Establishments</i>					
		Travelling Allowance and Batta to Office Establishments ...	.....		50,000		50,000
		Contingencies and Official Postage ...	.....		2,06,884		1,61,884
					10,000		51,920
					L. F.	3,650	3,900
						2,70,534	2,67,704
		<i>Lithographic Department.</i>					
26	26	Draughtsmen and Servants from 6 to 250 Rupees each ...	.....	968	11,616		11,616
		Office Contingencies ...	.....	50	600		600
						12,216	12,216
		<i>Carried over...</i>	.....	.....	.....	14,22,564	14,32,856

GOVERNMENT OF MADRAS.

Part IV.—(Continued.)

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1871-72.—(Continued.)

NUMBER.		PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1871-72.			ESTIMATE FOR 1870-71.
1870-71.	1871-72.			Per Mensm.	Per Annum.	Total.	
		CONSTRUCTION.—(Continued.)	Rs.	Rs.	Rs.	Rs.	Rs.
		<i>Brought over...</i>	...	.....	.....	14,22,564	14,32,856
		<i>Presidency Store Department.</i>					
1	1	Moiety of pay of General Superintendent	330	330	3,960		3,960
5	5	Storekeeper and Clerks from Rupees 25 to 200 each	.....	395	4,740		4,740
19	19	Office Servants	.....	123	1,476		1,476
		Moiety of Presidency House-rent of the Superintendent	.....	224	270		270
25	25					10,446	10,446
						11,33,010	14,43,302
		<i>Civil Engineering College.</i>					
1	1	Principal	600	600	7,200		
		Military Allowances	.....	.....	3,524		
7	7	Teachers	.....	.....	14,580		
1	1	Surveying Master	.....	.....	1,200		
1	1	Instructor in Bricklaying	.....	.....	528		
1	1	Serjeant Major's Staff Pay	.....	.....	960		
2	2	Clerks	.....	.....	840		
1	1	Librarian	.....	.....	180		
		Stipends	.....	.....	3,600		
13	13	Servants	.....	.....	816		
27	27					33,428	32,228
		<i>Contingent Charges.</i>					
		Contingencies including working money of Sappers...	.....	.....	5,122		6,072
		Purchase of Instruments	.....	.....	300		300
		Government Scholarships	.....	.....	600		600
		Library and Prize Allowances	.....	.....	800		800
						6,822	7,772
						40,250	40,000
		Total for CONSTRUCTION...	.....	.....	.....	14,73,960	14,83,302
		ACCOUNTS.					
1	1	Controller of Public Works Accounts.	1,600	1,600	19,200		15,975
1	1	Deputy Controller	550	550	6,600		6,000
1	1	Accountant, 1st Grade	.....	300			
		<i>Carried over...</i>	.....	300	25,800		21,975

GOVERNMENT OF MADRAS.

Part IV.—(Continued.)

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1871-72.—(Continued.)

NUMBER.		PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1870-71.			ESTIMATE FOR 1870-71.
1870-71.	1871-72.			Per Mensm.	Per Annum.	Total.	
		ACCOUNT.—(Concluded.)	Rs.	Rs.	Rs.	Rs.	Rs.
		<i>Brought over...</i>	.....	300	25,800		21,975
1	1	Accountant, 2nd Grade	.....	275			
4	4	Do. 3rd "	150	600			
6	6	Do. 4th "	110	660			
5	5	Do. 5th "	80	400			
39	39	Accountants and Clerks from 15 to 160 Rupees each	.....	1,538			
				3,773	45,276		45,276
11	11	Office Servants	.....	67	804		804
69	69					71,880	68,055
		Presidency House-rent	.....	105	1,260		1,260
		Travelling Allowances	.....	.....	2,000		2,000
		Contingencies	.....	.....	600		600
		Official Postage	.....	.....	13,000		.....
						16,860	3,860
		Total for ACCOUNT..	.....	.....	.....	88,740	71,915
		CONSERVANCY.					
		As per details appended to Budget Estimate	.....	.....	.....	94,590	90,604
		Grand Total...	.....	.....	.....	20,10,718	19,57,149
		Deduct difference (to be met from savings) between the amount by which the Budget Estimate of 1870-71 was ordered to be reduced by the Government of India and that of the specific reductions made by this Government					31,740
		Net Rupees...				20,10,718	19,25,400

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GOVERNMENT OF MADRAS.

Part IV.—(Concluded.)

ABSTRACT OF THE FOREGOING CHARGES FOR ESTABLISHMENTS.

Heads.	Salaries.	Travelling Allowances.	Contingencies	TOTAL.	
				1871-72.	1870-71.
	Rs.	Rs.	Rs.	Rs.	Rs.
Direction	2,92,984	20,114	41,000	3,54,128	3,11,328
Construction	12,42,934	2,06,884	23,442	14,73,260	14,83,302
Accounts	71,860	2,000	14,860	88,740	71,915
	16,07,798	2,29,028	79,302	19,16,128	18,66,545
Deduct as per note at foot of last page ... ..	.....	.....	.....	.....	31,749
Total...	16,07,798	2,29,028	79,302	19,16,128	18,34,796
Conservancy ... ..	.....	.....		94,590	90,604
Grand Total...	16,07,798	2,29,028	79,302	20,10,718	19,25,400
Distribution of Charges... { Imperial Ordinary... ..	.....	.....	.....	11,77,708	13,09,200
Do. Extraordinary ... ..	.....	.....	.....	2,00,000	3,00,000
Local..				3,33,010	3,16,200

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

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GOVERNMENT OF MADRAS.

Part V.

DETAIL OF ESTIMATE FOR TOOLS AND PLANT FOR 1871-72.

Description of Articles.	Estimate, 1871-72.		Estimate, 1870-71.
	Ordinary.	Extraordinary.	
	Rs.	Rs.	Rs.
<i>New Supplies.</i>			
Surveying and Mathematical Instruments	2,500	.....	5,000
Machinery	2,500	.....	.....
Tools { Imperial 12,800	36,700	20,000	50,230
District Road 22,900			
Port Fund 1,000			
Plant	2,060	.....	2,350
Office Furniture	845	.....	780
Camp Equipage	920	.....	950
Total	45,525	20,000	59,310
Repairs and carriage from place to place	23,375	.....	29,550
Total...	28,375	.....	29,550
Supplies from England not included in the estimate for works ...	80,000	.....	80,000
Grand Total...	*1,53,900	20,000	1,68,860

* Of this sum Rupees 23,900 are chargeable to Local Funds, (District Road and Port Funds.)

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

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GOVERNMENT OF MADRAS.

Part.—VI.

DETAIL OF ESTIMATE OF STATE EXPENDITURE ON ACCOUNT OF THE OPERATIONS OF THE
MADRAS IRRIGATION AND CANAL COMPANY FOR THE YEAR 1871-72.

ABSTRACT.

I.—ESTABLISHMENT ...	...	...	Rs. 35,800
II.—PURCHASE OF LAND ...	...	...	20,000
Total...			55,800

I.—CONTROLLING ESTABLISHMENT.

NUMBER.		Particulars.	Salary of Office.	ESTIMATE 1871-72.			ESTIMATE, 1870-71.	Regular Estimate of 1870-71.
1870-71.	1871-72.			Per Mensem.	Per Annum.	Total.		
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
		CONSULTING ENGINEER FOR THE MADRAS IRRIGATION AND CANAL COMPANY.						
1	1	Consulting Engineer graded as Chief Engineer, Class II.	2,000	2,000	21,000	24,720	21,000	23,540
1	1	Presidency House-rent ...	60	60	720			
1	1	Manager ...	225	225	2,700			
1	1	Accountant ...	42	42	504			
1	1	Head Clerk ...	50	50	600			
1	1	Draughtsman and Estimator.	60	60	720			
1	1	Do do.	40	40	480			
1	1	Record-keeper ...	50	50	600			
1	1	Moochco ...	10½	10½	126			
1	1	Peon...	8	8	96	7,254	7,254	7,222
2	2	Do. ...	7	14	168			
1	1	Do. ...	6	6	72			
1	1	Sweeper ...	3	3	36			
		For the Government Examiner.						
1	1	Accountant ...	90	90	1,080			
1	1	Peon...	6	6	72			
16	16	Travelling Allowance and Batta for Office Establishment ...				31,974	28,254	30,762
		Office Expenses and Contingencies ...				2,570	2,570	690
		Office Expenses and Contingencies ...				1,200	1,200	325
		TOTAL OF THE CONSULTING ENGINEER'S DEPARTMENT				35,744	32,024	31,777

Note.—The current year's Budget provision of Rs. 1,723 for the "Establishment engaged in making over land" is not shown in this statement.

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GOVERNMENT OF MADRAS.

Part VI.—(Continued.)

II.—PURCHASE OF LAND.

Number of Item.	Particulars.	Amount of Estimate.	Computed payments up to 31st March 1871.	Estimate for 1871-72.	Remarks or References.
	KURNOOL.	Rs.	Rs.	Rs.	
	MAIN SUPPLY.				
	Nil.				
	Distribution.				
	Canal, 1st Section ...				
	Do. 2nd do. ...				
	Do. 3rd do. ...				
	Do. 4th do. ...				
	Do. 5th do. ...				
	Do. 6th do. ...				
	Do. 7th do. ...				
	Do. 8th do. ...				
	Do. Sundry purposes ...				
		2,029			
	Total for KURNOOL...		69,447	10,000	
	CUDDAPAH.				
	MAIN SUPPLY.				
	Nil.				
	Distribution.				
	Canal, 9th Section ...				
	Do. 10th do. ...				
	Sundry purposes ...				
		435			
	Total for CUDDAPAH...		20,414	10,000	
	Grand Total for KURNOOL AND CUDDAPAH 2,464...		89,861	20,000	

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

GOVERNMENT OF MADRAS.

Part VI.—(Continued.)

DETAIL OF ESTIMATE OF STATE EXPENDITURE ON ACCOUNT OF RAILWAYS FOR THE YEAR 1871-72.

ABSTRACT.

I.—ESTABLISHMENT	Rs.
II.—PURCHASE OF LAND	Rs.
TOTAL	2,72,000

I.—CONTROLLING ESTABLISHMENT.

NUMBER.		Particulars.	Salary of Office.	ESTIMATE, 1871-72.			ESTIMATE, 1870-71.
1870-71.	1871-72.			Per Mensem.	Per Annum.	Total.	
			Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1	1	Consulting Engineer for Railways.					
		Consulting Engineer for Railways ... 1,860	2,000 0 0	2,000 0 0	24,000 0 0	24,000 0 0	
		Military Pay proper ... 140					
1	1	Deputy Consulting Engineer for Railways ... 950	1,135 0 0	1,135 0 0	13,620 0 0	13,123 8 0	
		House-rent ... 45					
		Military Pay proper ... 140					
	1	Assistant Consulting Engineer for Railways. 550	665 0 0	665 0 0	7,980 0 0		
		Military Pay proper ... 70					
		House-rent ... 45					
1	1	Examiner of Railway Accounts ... 500	949 1 0	949 1 0	11,388 8 0	11,388 8 0	
		Military Allowance, Staff Corps pay ... 374 1/2					
		House-rent ... 75					
	1	Assistant Controller of the 2nd Grade ...	350 0 0	350 0 0	4,200 0 0		
1	1	Uncovenanted Assistant ...	300 0 0	300 0 0	3,600 0 0	3,600 0 0	
1	1	Second Grade Accountant ...	250 0 0	250 0 0	3,000 0 0	3,000 0 0	
4	5	Clerks, at Rs. 15, 20, 30, 50, and 70	185 0 0	185 0 0	2,220 0 0	1,620 0 0	
3	3	Accountants at Rupees 40, 60, and 100 ...	200 0 0	200 0 0	2,400 0 0	2,400 0 0	
1	1	Draughtsman ...	50 0 0	50 0 0	600 0 0	600 0 0	
1	1	Indexer ...	50 0 0	50 0 0	600 0 0	600 0 0	
10	13	Peons and others, one at Rupees 5, nine at Rupees 7, one at Rupees 8, and one at Rupees 10 1/2	86 8 0	86 8 0	1,033 0 0	870 0 0	
24	29				71,610 8 0	61,203 0 0	
		House-rent ...	85 0 0	85 0 0	1,020 0 0	765 0 0	
		Add for travelling allowances of Consulting Engineer, Deputy Consulting Engineer, and Examiner of Railway Accounts...			4,200 0 0	4,200 0 0	
		Office expenses and contingencies			600 0 0	180 0 0	
		TOTAL			80,166 8 0	66,317 0 0	

GOVERNMENT OF MADRAS.

Part VI.—(Continued.)

II.—PURCHASE OF LAND.

Number of Item.	Particulars.	Amount of Estimate.	Computed payments to 31st March 1871.	Estimate, 1871-72.	Remarks or References.
		Rs.	Rs.	Rs.	
	MADRAS RAILWAY.				
	Chingleput District ...	1,000	.....	1,000	
	Salem do. ...	2,750	.....	(A)2,750	
	(A) Compensation for lands taken up for Railway purposes...	482 2 9			
	Compensation for loss of crops on the above land ...	4 12 6			
	For reclaiming certain portions of lands which have become unfit for cultivation by the other portions being taken for Railway purposes	180 14 7			
	On account of loss of Revenue owing to the parties not having been put in possession of the land to be given in exchange for that taken for Railway purposes ...	2,082 2 2			
		2,750 0 0			
	Coimbatore District ...	69,895	(B)20,000	(B)49,895	
	(B) From Poothanoor Railway Station to Coimbatore, four miles, through paddy fields and garden (orchard) lands...	38,500 0 0			
	From Coimbatore to Goodalore through garden lands and valuable Punjab cultivation, eleven miles ...	20,931 0 0			
	From Goodalore to Karamuday through garden lands and valuable Punjab cultivation, five miles ...	7,134 0 0			
	From Karamuday to Mettapolliem through Punjab cultivation, seven miles ...	3,330 0 0			
		69,895 0 0			
	Cuddapah District ...	2,000	.....	(C)1,500	
	(C) Compensation likely to be disbursed on account of lands already taken up for Railway purposes ...				
	Bellary District ...	1,000		10,000	
	TOTAL	76,615	20,000	65,145	

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GOVERNMENT OF MADRAS.

Part VI.—(Concluded.)

II.—PURCHASE OF LAND.

Number of Item.	Particulars.	Amount of Estimate.	Computed payments to 31st March 1871.	Estimate, 1871-72.	Remarks or References.
	GREAT SOUTHERN OF INDIA RAILWAY.	Rs.	Rs.	Rs.	
	Trichinopoly District	8,000	7,000	(D)13,000	
	(D) Forty-two miles of land, sixty-two yards wide on an average, for the Great Southern of India Railway, Erode Extension	7,000 0 0			
	Land required for the above Railway on account of the proposed Tuticorin Extension	6,000 0 0			
		13,000 0 0			
	Tanjore District for Erode Extension	1,59,955	1,46,505	13,450	
	Madura do. for Tuticorin do.	32,000	.....	25,000	
	Tinnevely do. for do. do.	20,000	.....	15,000	
		2,19,955	1,53,505	66,450	
	CARNATIC RAILWAY.				
	North Arcot District	25,000	.....	20,000	
	South Arcot District	54,000	.....	40,000	
		79,000	.....	60,000	
	SUMMARY.				
	Madras Railway 65,145 0 0				
	Great Southern of India Railway... 66,450 0 0				
	Carnatic Railway 60,000 0 0				
	Total... 1,91,595 0 0				

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

PUBLIC WORKS DEPARTMENT.

APPENDICES

TO THE

BUDGET ESTIMATE

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1871-72.

GOVERNMENT OF MADRAS.

APPENDIX A.

DISTRIBUTION OF ESTABLISHMENT—1871-72.

Division or Office.	Secretary.	Superintending Engineers.	Executive Engineers.	Assistant Engineers.	Upper Subordinates.	Accountants.	Clerks.	Draughtsmen.	Cashiers.	Duties.
Secretary to Government	1	...	...	...	...	...	31	10	...	31
Chief Engineer for Irrigation and Joint Secretary	1	...	...	...	...	2	3	3	...	5
<i>1st Division.</i>										
Ganjam	...	...	1	1	4	6	6	1	...	15
Vizagapatam	...	...	...	1	6	6	13	1	...	15
Godavery	...	1	2	5	14	13	16	7	...	42
<i>2nd Division.</i>										
Kistna	...	1	2	3	16	13	27	6	...	53
Nellore	...	...	...	1	13	6	13	3	...	30
<i>3rd Division.</i>										
Cuddapah	...	...	2	1	15	7	15	2	...	34
Bellary	...	1	1	2	20	12	28	6	...	60
Kurnool	...	...	1	...	12	6	11	1	...	25
<i>4th Division.</i>										
Presidency	...	2	1	...	6	8	15	3	...	24
Chingleput	...	...	5	1	12	6	13	3	...	30
North Arcot	...	...	...	3	12	10	14	3	...	33
<i>5th Division.</i>										
South Arcot	...	1	1	5	9	5	21	3	...	37
Salem	...	...	2	...	12	7	12	2	...	28
Bangalore	...	...	1	...	2	3	4	1	...	8
<i>6th Division.</i>										
Tanjore	...	1	3	...	16	8	26	5	...	50
Trichinopoly	...	...	2	1	9	8	11	1	...	26
<i>7th Division.</i>										
Coimbatore	...	1	2	1	16	11	28	5	...	53
Malabar	...	...	2	2	15	7	16	3	...	37
South Canara	...	...	...	1	8	5	8	1	...	19
<i>8th Division.</i>										
Madura	...	1	2	4	8	5	18	3	...	31
Tinnevely	...	...	1	2	17	8	14	3	...	33
Mechanical Engineer	...	...	...	...	1	...	...	...	...	19
Public Works Stores	...	...	1	...	...	...	5	...	...	11
Controller's Office	...	1	1	...	...	33	18	...	...	13
Civil Engineering College	...	...	1	...	10	...	3	...	...	...
Total	2	10	34	34	253	200	389	76	...	764

GOVERNMENT OF MADRAS.

APPENDIX B.

ESTIMATE OF THE PROBABLE RECEIPTS THAT WILL BE REALIZED BY, AND ON ACCOUNT OF, THE PUBLIC WORKS DEPARTMENT DURING THE YEAR 1871-72.

	ESTIMATE, 1871-72.		ESTIMATE, 1870-71, AS MODIFIED BY THE GOVERNMENT OF INDIA.	
	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.
<i>Revenue, Imperial.</i>				
To be realized in Public Works Department—				
Tolls, Dues, Fees, Fines, and Refunds	15,000		73,000	
Rents of Buildings	20,000		16,000	
Sales of Produce, etc.	1,000		1,000	
Sales of Buildings, old materials, and Tools and Plant	50,000	86,000	10,000	1,00,000
Do. do. in Civil Department—				
Tolls, Dues, Fees, Fines, and Refunds	26,000		42,000	
Rents of Buildings	1,500		2,000	
Sales of Produce, etc. ... ..	.....		.....	
Sales of Buildings and old materials	2,500	30,000	6,000	50,000
TOTAL REVENUE, IMPERIAL ... ..	.....	1,16,000		1,50,000
<i>Revenue, Local.</i>				
To be realized in Public Works Department—				
Tolls, Dues, Fees, Fines, and Refunds	14,000		8,000	
Sales of Produce, etc.	5,000		2,700	
Sales of old materials and Tools and Plant	1,000	20,000	300	11,000
TOTAL REVENUE, LOCAL ... ..	.....	20,000		11,000
<i>Deposits.</i>				
To be realized in Public Works Department—				
Deposits	5,000		5,000	
Contributions for Public Works	20,000	25,000	15,000	20,000
Do. do. in Civil Department—				
Contributions for repairs of Tanks, Channels, etc... ..	.....		2,000	2,000
TOTAL DEPOSITS ... ..	.....	25,000		22,000
Receipts by sales of Stock	1,00,000	1,00,000	1,20,000	1,20,000

NOTES.—The estimate received from the local Accountant General on account of Revenue, Imperial, to be realized by the Civil Department has been revised with reference to the average of actual receipts of previous years. Nothing has been entered under Contributions for repairs of Tanks, Channels, etc., to be realized by Civil Department, as such receipts are now required to be paid over to Public Works Officers.

GOVERNMENT

APPEN

ESTIMATE OF RAILWAY AND MADRAS IRRIGATION AND CANAL COMPANIES' WORKS DEPARTMENT

1—EXPENDITURE FROM

MADRAS RAILWAY.

Payments from Government Treasuries.

[illegible]

Receipts into Government Treasuries.

[illegible]

Net payments from Government Treasuries

GREAT SOUTHERN OF INDIA RAILWAY.

Payments from Government Treasuries.

[illegible]

Receipts into Government Treasuries.

[illegible]

Net payments from Government Treasuries...

CARNATIC RAILWAY.

Payments from Government Treasuries.

[illegible]

Receipts into Government Treasuries.

[illegible]

Net payments from Government Treasuries...

TOTAL FOR RAILWAYS

MADRAS IRRIGATION AND CANAL COMPANY.

[illegible]

Estimated receipts from Sale of Stores, etc., to be credited to Capital	...	...	...	...	...
---	-----	-----	-----	-----	-----

TOTAL FOR THE MADRAS IRRIGATION AND CANAL COMPANY

GRAND TOTAL

DIX C.

DIX C.
TRANSACTIONS NOT APPEARING AS DISBURSEMENTS OR RECEIPTS OF THE PUBLIC
FOR 1871-72.

GUARANTEED CAPITAL.

1871-72.			1870-71.	Regular Estimate, 1870-71.
English.	Indian.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.
.....	26,96,000			
.....	8,000			
.....	.....	27,04,000	42,00,00	38,16,000
.....				
.....	1,25,000		13,00,000	10,03,852
.....	11,95,000	13,20,000		
.....	.....	13,81,000	29,00,000	28,12,148
.....				
.....	19,75,300			
.....	15,000			
.....	80,000	20,70,300	2,35,000	4,43,191
.....				
.....	10,000		1,85,000	1,74,041
.....	1,80,000	1,90,000		
.....	.....	18,80,300	50,000	2,69,150
.....				
.....	9,03,000			38,236
.....	.....	9,03,000	.....	
.....	.....			18,479
.....	2,59,000	2,59,000	.....	
.....	.....	6,44,000	.....	19,757
.....	.....	39,08,300	29,50,000	31,01,055
.....				
.....	2,72,394			12,28,728
.....	66,086	3,94,336	11,12,882	1,87,267
.....	.....			94
.....	50,000			2,97,477
.....	5,856			20,356
.....	3,94,336	3,94,336	.....	17,33,922
.....	5,000	5,000	.....	14,889
.....	3,89,336	3,89,336	11,12,882	17,19,033
.....	.....	42,97,636	40,62,882	48,20,088

GOVERNMENT
APPENDIX
II.—REVENUE

	GROSS EARNINGS.			WORKING EXPENSES.		
	1871-72.	1870-71.		1871-72.	1870-71.	
		Budget Estimate.	Regular Estimate.		Budget Estimate.	Regular Estimate.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Madras Railway... ..	61,00,000	68,00,000	53,50,000	32,52,400	22,00,000	31,43,624
Great Southern of India Railway	8,63,000	8,50,000	8,00,000	5,24,000	4,25,000	5,30,674
Carnatic Railway	42,000	55,000	40,427	30,000	43,000	28,954
	70,05,000	77,05,000	61,90,427	38,06,400	33,68,000	37,03,252
Madras Irrigation and Canal Company.						
Main Canal from Soonkasala to the Pennair.	10,14,882	99,000	11,358	40,334	20,334	12,840

OF MADRAS.
C.—(Concluded.)
ACCOUNT.

NET REVENUE.			PER-CENTAGE OF WORKING EXPENSES.		
1871-72.	1870-71.		1871-72.	1870-71.	
	Budget Estimate.	Regular Estimate.		Budget Estimate.	Regular Estimate.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
28,47,600	39,00,000	22,06,376	53.32	42.65	58.76
3,39,000	4,25,000	2,69,326	60.71	50.00	66.33
12,000	12,000	11,473	71.43	78.18	71.62
31,98,600	43,37,000	24,87,175	.....	.....	.....
9,74,548	78,666	Loss. 982	11.36	20.54	.....

GOVERNMENT OF MADRAS.

APPENDIX D.

ABSTRACT OF THE CHARGES FOR ESTABLISHMENT AND TOOLS AND PLANT DURING 1871-72, FOR EXTRAORDINARY IRRIGATION WORKS.

Name of Work.	ESTABLISHMENT.				Tools and Plant.
	Charges for establishment solely employed on Extraordinary Irrigation works.	Proportionate charges for establishment in mixed Divisions.	Proportionate charges for Direction.	Total.	
	Rs.	Rs.	Rs.	Rs.	Rs.
Rooshkoolia Project, Ganjam	12,000	...			1,000
Madras Water Works, Chingleput	12,000	...			1,000
Peryaur Project, Madura	20,000	...			1,000
Works in Godavery Delta	...	40,000			10,000
Do. in Kistna	...	16,000	32,000		2,000
Pennair Anicut, Nellore	...	12,000			1,000
Palandorai Project, South Arcot	...	12,000			1,000
Cauvery and Vennaur Works, Tanjore	...	21,000			2,000
Streecyguntham Anicut Project, Tinnevely	...	20,000			1,000
	44,000	1,21,000	32,000	2,00,000	20,000

IMPERIAL.

List of the Conservancy Establishments under the Department of Public Works.

	Monthly.	Annually.	Remarks.
GODAVERY DISTRICT.	Rs.	Rs.	
<i>No. 1 Range, or Eastern Delta, including Anicut Establishment.</i>			
1 Delta Superintendent	70		
2 Do. at 50 Rupees each	100		
4 Do. at 40 " "	160		
2 Do. at 30 " "	60		
2 Do. at 5 " "	70		
14 Lascars	30		
2 Lock Superintendents, at Rupees 15 each	48		
4 Do. at " 12 " "	80		
8 Do. at " 10 " "	32		
4 Do. at " 8 " "	360		
60 Lock Lascars, at " 5 " "	100		
20 Do. at " 5 " "	150		
25 Anicut and Calingulah Lascars, at 6 Rs. each	75		
15 Do. do. at 5 " "	45		
3 Maistries, at 18, 15, and 12 Rupees	30		
2 Goomastahs and Clerk, at 15 " "	10		
1 Shroff	...		
	1,420	17,040	
<i>No. 2 Range, or Central Delta.</i>			
1 Delta Superintendent	70		
1 Do.	50		
3 Do. at 40 Rupees each	120		
1 Do.	30		
11 Lascars, at 5 Rupees each	55		
2 Lock Superintendents, at 12 Rupees each	24		
3 Do. at 10 " "	30		
2 Do. at 8 " "	16		
21 Lock Lascars, at 6 " "	126		
7 Do. at 5 " "	35		
	556	6,672	
<i>No. 3 Range, or Western Delta.</i>			
1 Delta Superintendent	70		
3 Do. at 50 Rupees each	150		
5 Do. at 40 " "	200		
2 Do. at 30 " "	60		
2 Do. at 5 " "	100		
20 Lascars, at 12 Rupees each	48		
4 Lock Superintendents, at 12 Rupees each	50		
5 Do. at 10 " "	32		
4 Do. at 8 " "	240		
40 Lock Lascars, at 6 " "	70		
14 Do. at 5 " "	30		
6 Calingulah Lascars, at 5 " "	15		
1 Clerk	...		
	1,065	12,780	
<i>Yelurpad Lock.</i>			
1 Goomastah	10		
3 Lascars, at 5 Rupees each	15		
	25	300	
<i>New Irrigation Channels.</i>			
1 Lascar	6		
2 Do. at 5 Rupees each	10		
	16	192	
			G. O., No. 1,549, dated 11th May 1869.
			G. O., No. 2,357, dated 19th July 1869.
			G. O., No. 3,166, 30th September 1869.

List of the Conservancy Establishments, etc.—(Continued.)

	Monthly.	Annually.	Remarks.
GODAVERY DISTRICT.—(Continued.)	Rs.	Rs.	
<i>No. 4 Range, or Ellore High Level.</i>			
1 Delta Superintendent	50		
1 Do.	40		
4 Lascars, at 5 Rupees each	20		
1 Lock Superintendent	12		
1 Do.	8		
4 Lock Lascars, at 6 Rupees each	24		
2 Do. at 5 " " " "	10		
3 Calingulah Lascars, at 6 Rupees each	18		
8 Do. at 5 " " " "	40		
	222	2,664	
<i>No. 6 Range, Irrigation Establishment for distributing water from the tanks in the Rajahmundry and Peddapore Talooks.</i>			G. O., No. 1,549, dated 11th May 1869.
1 Superintendent	20		
3 Do. at 10 Rupees each	30		
3 Lascars, at 5 Rupees each	15		
1 Peon	5		
	70	840	
Travelling allowance for the above	...	2,238	
Total for Godavery	...	42,726	
KISTNA DISTRICT.			
<i>Conservancy Anicut Establishment.</i>			
1 Anicut Superintendent	100		
2 Lascars, at 5 Rupees each	10		
1 Maistry	30		
1 Goomastah	12		
1 Tindal	7		
8 Lascars, at 6 Rupees each... ..	48		
20 Do. at 5 " " " "	100		
2 Lock Goomastahs, at 10 Rupees each... ..	20		
14 Do. Lascars at 5 " " " "	70		
	397	4,764	
<i>Irrigation Establishments.</i>			
2 Delta Superintendents, at 70 Rupees each... ..	140		
40 Channel do. at 12 " " " "	480		
44 Lascars at 5 " " " "	220		
	840	10,080	G. O., No. 3,401, dated 13th Nov. 1865. " " 369, " 31st Jan. 1866.
<i>Navigation Establishment.</i>			
2 Navigation Superintendents, at 50 Rs. each.	100		
2 Lascars, at 5 " " " "	10		
	110	1,320	
<i>Masulipatam Canal, Kankepad Lock.</i>			
1 Goomastah	15		
6 Lascars, at 6 Rupees each	36		
	51	612	
<i>Veerunku Lock.</i>			
1 Goomastah	15		
6 Lascars, at 6 Rupees each	36		
	51	612	

List of the Conservancy Establishments, etc.—(Continued.)

	Monthly.	Annually.	Remarks.
KISTNA DISTRICT.—(Continued.)	Rs.	Rs.	
<i>Needamole Lock.</i>			
1 Goomastah	15		
6 Lascars, at 6 Rupees each	36		
	51	612	
<i>Ankoomarroo Lock.</i>			
1 Goomastah	12		
6 Lascars, at 6 Rupees each	36		
	48	576	
<i>Tidal Lock.</i>			
1 Goomastah	12		
6 Lascars, at 6 Rupees each	36		
	48	576	
<i>Boodimair Channel, Casarapully Lock.</i>			
1 Goomastah	10		
3 Lascars, at 5 Rupees each	15		
	25	300	
<i>Palair Channel, Pamoorroo Lock.</i>			
1 Goomastah	10		
3 Lascars, at 5 Rupees each	15		
	25	300	
<i>Buntoomully Channel, Cowteram Lock.</i>			
1 Lock Goomastah	10		
3 Lascars, at 5 Rupees each	15		
	25	300	G. O., No. 3,401, dated 13th Nov. 1865. " " 369, " 31st Jan. 1866.
<i>Nizampatam Canal, Poogurla Lock.</i>			
1 Goomastah	15		
6 Lascars, at 5 Rupees each... ..	30		
	45	540	
<i>Katchepady Lock.</i>			
1 Goomastah	10		
4 Lascars, at 5 Rupees each	20		
	30	360	
<i>Jutur Lock.</i>			
1 Goomastah	10		
4 Lascars, at 5 Rupees each	20		
	30	360	
<i>Mullamada Lock.</i>			
1 Goomastah	10		
4 Lascars, at 5 Rupees each	20		
	30	360	
<i>Tidal Lock.</i>			
1 Goomastah	10		
4 Lascars, at 5 Rupees each	20		
	30	360	
<i>Jagaralamoody Lock and Calingulah.</i>			
1 Goomastah	12		
4 Lascars, at 6 Rupees each	24		
	36	432	G. O., No. 2,449, dated 12th Aug. 1867.

List of the Conservancy Establishments, etc.—(Continued.)

	Monthly.	Annually.	Remarks.
KISTNA DISTRICT.—(Concluded.)	Rs.	Rs.	
<i>Vellatoor Western Bank Channel.</i>			
1 Goomastah ...	15		
7 Lascars, at 6 Rupees each ...	42		
	57	684	G. O., No. 3,114, dated 1st Oct. 1866.
<i>Commamore Channel.</i>			
1 Goomastah ...	12		
4 Lascars, at 6 Rupees each ...	24		
	36	432	G. O., No. 586, dated 23rd Feb. 1869.
<i>Poondalah Sluice and three Calingulahs at Pundrapaud.</i>			
2 Lascars, at 6 Rupees each ...	12	72	
<i>Nellamudu and Mudlapaulum Calingulahs</i>			
1 Goomastah ...	10		
4 Lascars, at 6 Rupees each ...	24		
	34	204	
<i>Purcharvagoo and Saker Calva Calingulahs and Sluices.</i>			
3 Lascars, at 6 Rupees each ...	18	108	For six months. G. O., No. 2,408, dated 8th Aug. 1867.
<i>Aleru Calingulah.</i>			
1 Goomastah ...	10		
4 Lascars, at 6 Rupees each ...	24		
	34	204	
<i>Aramanda Channel.</i>			
1 Goomastah ...	10		
3 Lascars, at 6 Rupees each ...	18		
	28	168	
<i>Calingulah at Mopurru on the Boodamair.</i>			
3 Lascars, at 5 Rupees each ...	15	75	For five months. Vide G. O., No. 3,228, dated 13th October 1868.
Travelling allowance for the above ...		24,411	
		744	
Total for Kistna District...		25,155	
NELLORE DISTRICT.			
<i>Southern Delta of Pennair.</i>			
1 Delta Superintendent ...	70		
1 Goomastah ...	15		
1 Lascar ...	6		
	91	1,092	
1 Anicut Superintendent ...	60		
1 Goomastah ...	10		
1 Lascar ...	7		
15 Do. at 6 Rupees each ...	90		
	167	2,004	G. O., No. 2,689, dated 16th Aug. 1869. " " 3,690, " 18th Nov. 1869.
1 Goomastah ...	8		
2 Lascars, at 5 Rupees each ...	10		
	18	126	For seven months.

List of the Conservancy Establishments, etc.—(Continued.)

	Monthly.	Annually.	Remarks.
NELLORE DISTRICT.—(Concluded.)	Rs.	Rs.	
<i>Southern Delta of Pennair.</i>			
1 Delta Goomastah ...	8		
2 Lascars, at 5 Rupees each ...	10		
	18	126	
1 Delta Goomastah ...	12		
7 Lascars, at 5 Rupees each ...	35		
	47	329	For seven months. G. O., No. 2,688, dated 16th Aug. 1869. " " 3,690, " 18th Nov. 1869.
1 Delta Goomastah ...	8		
4 Lascars, at 5 Rupees each ...	20		
	28	196	
1 Delta Goomastah ...	10		
5 Lascars, at 5 Rupees each ...	25		
	35	245	
<i>Nellore Tank.</i>			
1 Superintendent ...	7		
2 Lascars, at 5 Rupees each ...	10		
	17	68	
<i>Vaynar Channel Head Sluice.</i>			
4 Lascars, at 5 Rupees each ...	20	80	For four months. G. O., No. 3,510, dated 30th Nov. 1863.
<i>Sundaveram and Darwar Channel Head Sluice at Sangiam.</i>			
1 Goomastah ...	7		
4 Lascars, at 5 Rupees each ...	20		
	27	108	
Total for Nellore District ...		4,374	
CHINGLEPUT DISTRICT.			
<i>Casaveram Anicut Establishment.</i>			
1 Monegar ...	7		
1 Peon ...	3½		
	10½	126	G. O., No. 2,380, dated 19th Nov. 1860.
<i>Coratoor Anicut.</i>			
1 Monegar ...	7		
1 Peon ...	3½		
	10½	126	G. O., No. 231, dated 20th Feb. 1856.
<i>Water distributing Establishment, Kam-bankal Channel.</i>			
1 Maistry ...	20		
2 Lascars, at 6 Rupees each ...	12		
12 Nirgantics, at 4 Rupees each ...	48		
	80	960	G. O., No. 68, dated 12th Jan. 1864, Revenue Department.
Total for Chingleput District ...		1,212	
NORTH ARCOT DISTRICT.			
<i>Palar Anicut.</i>			
1 Monegar ...	25		
4 Lascars, at 4½ Rupees each ...	18		
	43	516	G. O., No. 2,785, dated 31st Aug. 1868.

List of the Conservancy Establishments, etc.—(Continued.)

	Monthly.	Annually.	Remarks.
	Rs.	Rs.	
NORTH ARCOT DISTRICT.—(Concluded.)			
<i>Poincy Anicut and Channels.</i>			
1 Monegar...	15		
1 Do. for channels...	12		
7 Lascars, at 4½ Rupees each	31½		
1 Lascar	4½		
	62½	733	
<i>Caveripah Tank.</i>			
1 Monegar	12		
2 Lascars, at 4½ Rupees each	9		
	21	252	
<i>Mahindravady.</i>			
1 Monegar	12		
3 Lascars, at 4½ Rupees each	13½		
	25½	306	
<i>Govindavady Channel.</i>			
1 Monegar	12		
3 Lascars, at 4½ Rupees each	13½		
	25½	306	
<i>Poincy Anicut and Channel.</i>			
1 Lascar	5		
1 Do.	3½		
	8½	105	
<i>Doosay Tank and Channel.</i>			
1 Monegar	15		
3 Lascars at 4½ Rupees each	13½		
	28½	342	
<i>Cheyaur Anicut.</i>			
1 Monegar	27		
1 Do.	20		
6 Lascars, at 5 Rupees each	30		
	77	924	
<i>Alliabad Dam and Channels.</i>			
1 Monegar	10		
5 Lascars, at 6 Rupees each	30		
	40	480	
Total for North Arcot District...		3,984	
SOUTH ARCOT DISTRICT.			
1 Overseer	35		
6 Cottens, at 4 Rupees each	24		
4 Do. at 4 " "	16		
3 Do. at 4 " "	12		
1 Superintendent	15		
6 Cottens, at 4 Rupees each	24		
4 Peons, at 5 " "	20		
1 Diver	1½		
4 Cottens, at 4 Rupees each	16		
4 Peons, at 5 " "	20		
4 Talliarics, at 2 Rupees each	8		
1 Monegar	7		
1 Ameen	14		
4 Cottens, at 1 Rupees each	16		
1 Ameen	7		
3 Cottens, at 4 Rupees each	12		
1 Ameen	10		
4 Cottens, at 4 Rupees each	16		
	273½	3,285	
Total for South Arcot District		3,285	

List of the Conservancy Establishments, etc.—(Continued.)

	Monthly.	Annually.	Remarks.
	Rs.	Rs.	
TRICHINOPOLY DISTRICT.			
<i>No. I Range.</i>			
<i>Cauvery and Coleroon Poodoogays.</i>			
1 Peishcar	7		
1 Monegar	20		
4 Monegars, at 5 Rupees each	52		
13 Peons, at 4 " "	86	1,032	
<i>No. II Range.</i>			
<i>Cauvery Poodoogay.</i>			
1 Peishcar	7		
1 Monegar	5		
4 Peons, at 4 Rupees each	16		
	23	336	
<i>Korumbou Establishment.</i>			
2 Monegars, at 4 Rupees each	8		
1 Do.	3		
	11	132	
<i>No. III Range.</i>			
<i>Ponnair Channel.</i>			
1 Monegar to direct water at the Channel head	10		
4 Plankmen, at 4 Rupees each	16		
2 Do. at 3 " "	6		
1 Monegar for regulating water supply among branches	15		
1 Bank Watcher	4		
	51	612	
<i>No. IV Range.</i>			
<i>Cauvery Poodoogay.</i>			
1 Monegar	5		
3 Peons, at 4 Rupees each	12		
	17	204	
<i>Korumbou Establishment.</i>			
1 Monegar	5		
1 Do.	3		
	8	96	
<i>Nunthyaur Anicut.</i>			
1 Monegar	12		
1 Do.	10		
2 Shuttermen, at 5 Rupees each	10		
1 Do. at 4 " "	44		
	76	912	
Total for Trichinopoly District		3,324	
TANJORE DISTRICT.			
<i>Water Distributing Establishment.</i>			
1 Monegar	10½		
1 Do.	10½		
1 Do.	10		
3 Do. at 6 Rupees each	18		
1 Cotten	6		
52 Do. at 4 Rupees each	208		
	262½	3,154½	

G. O., No. 3,430, dated 15th Nov. 1887.
G. O., No. 207, dated 21st Jan. 1868.

G. O., No. 2,277, dated 13th Aug. 1863.

G. O., No. 292, dated 30th Jan. 1867.
" " 3,850, " 10th Dec. 1868.

G. O., No. 3,430, dated 5th Nov. 1867.
" " 207, " 21st Jan. 1868.

G. O., No. 2,297, dated 13th Aug. 1863.
Government of India, No. 3,324, dated 28th Dec. 1869, Financial Department.

Government of India, No. 15-E. I. dated 11th Jan. 1870.
Madras Government, G. O., No. 535, dated 16th Feb. 1870.

G. O., No. 535, dated 16th Feb. 1870.

G. O., dated 5th October 1840.
" " 24th July 1853.

List of the Conservancy Establishments, etc.—(Continued.)

	Monthly.	Annually.	Remarks.
	Rs.	Rs.	
TANJORE DISTRICT.—(Concluded.)			
<i>Conservancy Establishment.</i>			
8 Monegars, at 6 Rupees each ...	48		
1 Do. ...	5		
18 Cottens, at 4 Rupees each ...	112		
	165	1,980	G. O., dated 5th October 1840. " " 21th July 1858.
<i>Navigation Establishment.</i>			
1 Monegar ...	17½		
1 Do. ...	15		
1 Do. ...	14		
3 Cottens, at 4½ Rupees each ...	13½		
13 Do. at 4 " " ...	52		
	112	1,344	
Cauvery and Coodamoorty Dam ...	50	600	G. O., No. 1,694, dated 14th July 1870.
Total for Tanjore District ...		7,070	
<i>Ganjam District.</i>			
Neeranikum Establishment ...		1,244	
<i>Vizagapatam District.</i>			
Neeranikum Establishment ...		628	
<i>Madura District.</i>			
Neeranikum Establishment ...		192	G. O., No. 1,311, dated 23rd Aug. 1870, Revenue Department.
<i>Tinnevelly District.</i>			
Neeranikum Establishment ...		1,164	G. O., No. 17, dated 3rd Sept. 1870. Public Works Department.
<i>Malabar District.</i>			
Neeranikum Establishment ...		222	
		3,450	
<i>Abstract.</i>			
Godavery ...		42,726	
Kistna ...		25,155	
Nellore ...		4,374	
Chingleput ...		1,212	
North Arcot ...		3,984	
South Arcot ...		3,285	
Trichinopoly ...		3,324	
Tanjore ...		7,070	
Ganjam ...		1,244	
Vizagapatam ...		628	
Madura ...		192	
Tinnevelly ...		1,164	
Malabar ...		222	
Total ...		94,589	

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

GOVERNMENT OF MADRAS.

Detailed Estimate for London Supplies of 1871-72.

Description of Articles.	Probable cost.
	Rs.
Surveying and Mathematical Instruments ...	12,532
Machinery ...	5,600
Tools and Plant ...	21,868
	40,000
Value of Store due on former Indents expected during the year ...	40,000
Total ...	80,000

LOCAL FUNDS.

Detail of Works to be executed by the Public Works Department, from the provision of Rupees 55,670, made under "Communications" and "Miscellaneous Public Improvement" in Part II. of the Imperial Budget for "Minor Works, the estimated cost of which does not exceed Rupees 2,500 each."

District.	Fund.	Description of Work.	Amount of Estimate.	Computed Expenditure up to 31st March 1871.	Amount proposed for 1871-72.
		COMMUNICATIONS.	Rs.	Rs.	Rs.
Godavery ...	District Road.	Minor New Works below Rupees 250 of which no particulars are given ...	...	...	2,500
Kistna ...	Do. ...	Strengthening and gravelling Chebrole Black tank ...	1,270	...	1,270
Do. ...	Do. ...	Minor New Works below Rupees 250 of which no particulars are given ...	...	...	3,000
Nellore ...	Do. ...	Do. do. ...	...	...	1,200
North Arcot ...	Do. ...	Road from Carvetinagram to Puttoor ...	...	...	2,000
Do. ...	Do. ...	Do. from do. to Pallypett ...	...	...	2,000
Do. ...	Do. ...	Bridges on road from Biriddipally to Vencatagiricottah ...	...	...	1,500
Do. ...	Do. ...	Road from Batnapally to do. ...	...	...	1,500
Do. ...	Do. ...	Do. from Trivetttoor to Mangal, on the Conjeveram road ...	...	...	2,000
Do. ...	Do. ...	Road from Vencatagiri to Pardarany ...	...	...	2,000
Do. ...	Do. ...	Do. from Mangapuram road to join road from Poothalpat to Tripatty ...	...	...	500
Do. ...	Do. ...	Do. from Iral to Damalchervoo ...	...	...	2,000
Do. ...	Do. ...	Do. from Gattanki on road from Pootalpat to Tripatty to Carvetnugger ...	...	...	2,000
Do. ...	Do. ...	Do. from Punganoor to Ramasamudram ...	...	...	2,000
Malabar ...	Do. ...	Tracing and putting in order the road from Manar to Kopaneri ...	...	...	2,000
Do. ...	Do. ...	Constructing and repairing bridges, etc., on the road from Cherupulcherry to Kongad ...	2,390	...	2,390
Do. ...	Do. ...	Constructing Tunnels on the road from Palghaut, via Ellapalli to Eratacolam ...	2,010	...	2,010
Do. ...	Do. ...	Road from Colangode to Cochin frontier. ...	...	...	1,500
Do. ...	Do. ...	Do. from Madapallore to do. ...	...	...	1,000
Do. ...	Do. ...	Minor bridges on the road from Chowghaut to Yenamakel ...	...	...	910
Do. ...	Do. ...	Kuttiptam Railway station to Edduppal ...	...	...	1,500
Do. ...	Do. ...	Minor New Works below Rupees 250 of which no particulars are given ...	...	...	2,200
South Canara..	Do. ...	Construction of a road to connect Subramanya with the Imperial Road No. XXIV ...	...	...	2,230
Tinnevelly ...	Do. ...	Road from Veravanalloor to Giriammalpuram ...	1,700	595	700
		TOTAL, DISTRICT ROAD ...	...	...	41,910
		MISCELLANEOUS PUBLIC IMPROVEMENT.			
Malabar ...	Do. ...	Construction of Chuttram at Irrity ...	...	...	1,500
Do. ...	Do. ...	Do. at Chavacherry ...	...	...	1,500
South Canara..	Do. ...	Construction of Toll-houses ...	...	...	1,200
		TOTAL, DISTRICT ROAD ...	...	...	4,200
Ganjam ...	Port Funds ...	Constructing a Flagstaff at Gopaulpore ...	2,280	...	2,280
Godavery ...	Do. ...	Fixing a new lantern of the 2nd order at Coringa ...	...	...	1,500
		Carried over...			3,780

LOCAL FUNDS.

Detail of Works to be executed by the Public Works Department, from the provision of Rupees 55,670, made under "Communication" and "Miscellaneous Public Improvement" in Part II. of the Imperial Budget for "Minor Works, the estimated cost of which does not exceed Rupees 2,500 each."

District	Fund.	Description of Work.	Amount of Estimate.	Computed Expenditure up to 31st March 1871.	Amount proposed for 1871-72.
		MISCELLANEOUS PUBLIC IMPROVEMENT. —(Concluded.)	Rs.	Rs.	Rs.
		Brought over...	...	...	3,780
Malabar ...	Port Funds ...	Constructing a wall and railing for Marine office compound at Beypore and boundary pillar at that port ...	...	...	1,170
South Canara..	Do. ...	Laying down water pipes at the port of Mangalore ...	1,780	...	1,780
Do. ...	Do. ...	Purchase of a 3-ton crane for the port of Mangalore ...	...	...	1,700
Do. ...	Do. ...	Erection of 6 seats on the quay at do. ...	...	...	100
Tinnevelly ...	Do. ...	Removing rocks at entrance to inner harbour, Tuticorin ...	...	...	1,000
		TOTAL, PORT FUNDS...	...	...	9,530
		GRAND TOTAL ...	...	...	55,670

LOCAL FUNDS.

Statement showing the Grants to be expended by Public Works Officers on Repairs to Roads under Rupees 2,500 each for the year 1871-72.

District.	Description of Work.	Amount.
	COMMUNICATIONS.	Rs.
	<i>District Road, etc., Funds.</i>	
Ganjam	Repairs to road from Teekalipatnam to Poondy ...	1,000
Do.	Do. do. Chintada to Gara ...	1,200
Do.	Do. do. Kimedy boundary to Narsanapettal ...	800
Do.	Do. do. Narsanapettal to Calingapatam ...	700
Do.	Do. do. Teekaly to Kimedy boundary towards Malapettah ...	600
Do.	Do. do. outside the town of Berhampore ...	300
Do.	Do. do. from Jagganadhapore to Purshotapoor ...	1,300
Do.	Do. do. connecting Berhampore and Itchapore and Berhampore and Aska roads ...	300
Do.	Do. do. from Korlam on Imperial Road No. 1 to the Port of Barwah. ...	400
Do.	Do. do. from Cunchelly to Barwah via Somepettah ...	500
Do.	Do. do. from Jagganadhapore on Trunk Road No. 6 to the Port of Gopaulpore ...	500
Do.	Do. do. from Russelcondah to Kollada ...	370
Do.	Do. do. Aska and Surada road ...	2,200
Do.	Do. do. Ballipadra to Curcholy ...	1,700
Do.	Do. do. from a point on the Aska and Soorada line to the Soorla platform ...	2,000
Do.	Petty Repairs ...	550
	Total ...	14,220
Vizagapatam	Repairs to road from Narsipatam to Thallapalem ...	1,950
Do.	Do. do. do. Golcondah ...	400
Do.	Do. do. do. Polavaram ...	1,950
Do.	Do. do. do. Kondasanta ...	400
Do.	Do. to branch road from Subbavaram to Venkannapollem completed portion ...	1,100
Do.	Petty Repairs ...	500
	Total ...	6,300
Godavery	Repairs to road from Cocanada to Kotipally ...	1,350
Do.	Do. do. Cocanada to Neelapilly ...	850
Do.	Do. do. Dowlashweram to Rajahmundry ...	400
Do.	Do. do. Ganti to Kottapetta ...	300
Do.	Do. do. Gannavaram to Amalaporam ...	400
Do.	Do. do. Tanuku, via Darwa to Prattipad ...	850
Do.	Do. do. Siddhantam to Maruteru ...	400
Do.	Do. do. Palakolla to Doddipatla ...	800
Do.	Do. do. Narsapuram to Veravasaram ...	750
Do.	Do. do. Ellore to Hyderabad frontier, via Chintalapooty ...	1,100
Do.	Do. do. Nidathavoloo to Pangidi ...	400
Do.	Do. do. Rajahmundry to Gokavaram ...	2,000
Do.	Do. do. Rajole to Muktesweram ...	570
Do.	Do. do. Ellore to Kolleru lake ...	300
Do.	Do. do. Attili road ...	1,600
Do.	Do. do. Vizesweram road ...	800
Do.	Do. do. Chinchinada road ...	300
Do.	Do. do. Maintaining as a road the east bund of Narsapuram Canal ...	550
Do.	Do. do. Palmyra bridges over different channels ...	1,500
Do.	Repairs to road from Veeravasaram to Akced ...	1,200
Do.	Do. do. Jagannadagiri to Madapadu ...	600
Do.	Do. do. Ramachendrapuram to Bickavolu ...	500
Do.	Do. do. Khandavilly road ...	450
Do.	Petty Repairs ...	1,480
	Total ...	19,650

LOCAL FUNDS.

Statement showing the Grants to be expended by Public Works Officers on Repairs to Roads under Rupees 2,500 each for the year 1871-72.—Continued.)

District.	Description of Work.	Amount.
	COMMUNICATIONS.—(Continued.)	Rs.
	<i>District Road, etc., Funds.—(Continued.)</i>	
Kistna	Repairs to road from Gudiwada to Pamaru ...	400
Do.	Do. do. Kankipadu to Oopuloor ...	500
Do.	Do. do. Kankipadu to Gudiwada ...	800
Do.	Do. do. Vinukondah to Karempudi ...	840
Do.	Do. do. Chelakaloorpett to Narasarowpett ...	1,400
Do.	Do. do. Masulipatam to Kowtaram ...	650
Do.	Do. do. Ponnor to Bapatla ...	1,400
Do.	Do. do. Vellattoor to Sandole ...	420
Do.	Do. do. Dachapalli to Gurijala ...	800
Do.	Do. do. Vadaly to Kykaloor ...	300
Do.	Do. do. Ponnor to Intoor ...	300
Do.	Do. do. Masulipatam to Sallapally ...	700
Do.	Do. do. Ponnur to Sandole ...	900
Do.	Do. do. Jagerlamudy to Tenaly ...	300
Do.	Do. do. Guntoor to Jyaloor ...	1,500
Do.	Do. do. Bezwada and Hyderabad road to Mylavaram ...	1,000
Do.	Do. do. Vollaru to Nizampatam ...	600
Do.	Do. do. Guntoor to Amaravatty ...	700
Do.	Do. do. Pariked to Nuzced ...	500
Do.	Do. do. Narasarowpett to Vinukondah ...	720
Do.	Do. do. Kowtaram to Gudivada ...	300
Do.	Petty Repairs ...	2,300
	Total ...	17,330
Nellore	Gravelling the crown of Pennair Anicut ...	800
Do.	Maintenance of road from Nellore and Gangapatnam to the sea ...	700
Do.	Do. do. from Alloor to Rajahpollem ...	1,100
Do.	Do. do. from do. to Cowragunta ...	450
Do.	Do. do. from Sangam to Kaligiri ...	1,420
Do.	Do. do. from Kaligiri to Udayagiri ...	400
Do.	Do. do. from Ponnaloor to Great Northern road near Singarayacandah ...	800
Do.	Do. do. from Ponnaloor to Kanigri ...	1,100
Do.	Do. do. from Tettu to Ramapatam ...	400
Do.	Do. do. from Dorenal to Udayagri ...	1,270
Do.	Do. do. for completed portion of road from Oollapalliem to Singapett on Great Northern Road ...	430
Do.	Do. do. from Nellore to Somesweram ...	1,500
Do.	Do. do. from Tippiarapaud on Rapoor and Goodoor road to Venettagiri ...	900
Do.	Do. do. from Kaligiri to Kavali ...	1,000
Do.	Do. do. from Manubole to Podalakoor ...	450
Do.	Do. do. from Venkatachellem's Choultry to Sarvapalli ...	250
Do.	Do. do. Petty Repairs ...	2,140
	Total ...	15,110
Cuddapah	Repairs to road from Codoor to Yerragoontlacottah ...	250
Do.	Do. do. from Pallempett to Chitwail ...	1,200
Do.	Do. do. from Rajampett via Sonepoy ghaut to Royachoty ...	2,100
Do.	Do. do. from Wentimettah to Hoblum ...	1,100
Do.	Do. do. from do. to Sidhout ...	800
Do.	Do. do. from Sidhout to Budwail ...	2,100
Do.	Do. do. from Poremamila to Mydekoor ...	1,400
Do.	Do. do. from Poremamila to Trunk Road No. VIII. to Podatoor ...	1,000
Do.	Do. do. near Nandialampett on Trunk Road No. VIII. to Podatoor ...	350
Do.	Do. do. from Jangamrajipally Pass ...	1,000
Do.	Do. do. from Gurremcondah to Peddahally ...	1,000
	Carried over....	11,300

LOCAL FUNDS.

Statement showing the Grants to be expended by Public Works Officers on Repairs to Roads under Rupees 2,500 each for the year 1871-72.—(Continued.)

District.	Description of Work.	Amount.
	COMMUNICATIONS.—(Continued.)	Rs.
	District Roads, etc., Funds.—(Continued.)	
	Brought over...	11,300
Cuddapah	Repairs to road from Poodatoor to Yerragoontla	700
Do.	Do. do. from Cuddapah to Sidhout	1,000
Do.	Do. do. from Royachoty via Vainpally to Soondapully	1,100
Do.	Do. do. from Kadiri via Mootialchervoo to Bellary frontier	1,050
Do.	Do. do. from Moollakavaimla on Trunk Road No. XVIII. to Pomdoorty	600
Do.	Do. do. from Cheekatampally on Trunk Road No. XVIII. to Kandakoor.	400
Do.	Do. do. Kandakoor to Kotocottah	400
Do.	Do. do. Canulamadagoo on Trunk Road No. XVIII. to Mysore frontier near Suddam	1,200
Do.	Do. do. from Madanapally to Mysore frontier near Seeglabye	400
Do.	Do. do. from Chinna Tippasamudram to Angaloo on Trunk Road No. XVIII.	250
Do.	Do. do. from Voilpaul to Gurramcondah	750
Do.	Do. do. from Gurramcondah to Calcadda	700
Do.	Do. do. from Balasamoodram on Trunk Road No. XVIII. to Poolicoonta	1,500
Do.	Do. do. from to Coodoor Chitvail	1,600
Do.	Do. do. from Rajampett to Tangatoor	900
Do.	Do. do. from Mollakavaimla to Battrapally	1,000
Do.	Do. do. from Battrapally via Tallapalla to Gonkanpally	800
Do.	Do. do. from Veperalla on road No. 26 via Gonkanpally to Vainpally	1,000
Do.	Do. do. from Balasamudram via Toomal to Obledaverachervoo	500
Do.	Do. do. from Nagapatla Pass to Sundapally... ..	1,000
Do.	Do. do. from Sundapally to Calcadda	500
Do.	Do. do. from Yellagal to road No. 23	500
Do.	Petty Repairs	600
	Total...	29,810
Kurnool.	Repairs to road between Aspery and Jonnagiri	2,400
Do.	Do. do. from Kurnool to Nandikotkoor via Gadidamadugu	1,950
Do.	Do. do. over Mantral Kanama ghaut	1,000
Do.	Do. do. from the Imperial road to Cumbum frontier	1,600
	Total...	6,950
Bellary	Repairs to road from Harpanhally to Arsekerra	500
Do.	Do. do. from do. to Hoovinhadgally	800
Do.	Do. do. from Orjany via Kottoor to Sovinhally	1,850
Do.	Do. do. from Koodlighce to Gowripoor	1,200
Do.	Do. do. from do. via Bundri to Somalappoor	550
Do.	Do. do. from do. to Hossahally	950
Do.	Do. do. from Bellahoonsey to foot of Nagalappore ghaut	650
Do.	Do. do. from Hospett to Hussoor	400
Do.	Do. do. from do. to Kamply	1,950
Do.	Do. do. from Camalappoor to Devalappoor near Darojee	600
Do.	Do. do. from Kamply to Koodatany	2,000
Do.	Do. do. from Bellary to Sergupah	1,680
Do.	Do. do. from Sergopah to Adony... ..	1,170
Do.	Do. do. from Adony via Yeniganoor to Nagaldinny... ..	1,550
Do.	Do. do. from do. to Trunk Road No. XIX. near Aloor	1,450
Do.	Do. do. from Auloor via Chippagiri to Guntakal	1,000
Do.	Do. do. from Goentakul to Ooravacondah	900
Do.	Do. do. from Ghooty to Jennagherry	700
Do.	Do. do. from Bellary to Roopengoody	600
Do.	Do. do. from do. via Herihall to the Mysore frontier	1,300
Do.	Do. do. from do. to Raidroog (from the 8th mile stone on the last named road)	1,250
	Carried over...	23,050

LOCAL FUNDS.

Statement showing the Grants to be expended by Public Works Officers on Repairs to Roads under Rupees 2,500 each for the year 1871-72.—(Continued.)

District.	Description of Work.	Amount.
	COMMUNICATIONS.—(Continued.)	Rs.
	District Road, etc., Funds.—(Continued.)	
	Brought over...	23,050
Bellary	Repairs to road from the Mysore frontier near Raidroog to Coodair on Trunk Road No. XVIII	1,690
Do.	Do. do. from Nayanapally on No. 36 to Dharmaveram	1,450
Do.	Do. do. from Dharmaveram to Damajipally	450
Do.	Do. do. from do. to Cocheroo	770
Do.	Do. do. from Pencecondah via Cocheroo and Bookapatam to Pomdoorty and Cuddapah frontier	1,750
Do.	Do. do. from Cocheroo to Bangalore road near Codoor	1,220
Do.	Do. do. from Boodaly on No. 42 to Cuddapah frontier near Gowniwari-pally	570
Do.	Do. do. from Kodekonda via Lapatchee to Hindupoor	1,170
Do.	Do. do. from Hindupoor to Mysore frontier near Chowloor	380
Do.	Do. do. from do. to Bangalore road at Somandapally	830
Do.	Do. do. from do. to Madacasarah	1,020
Do.	Do. do. from Mysore frontier via Madakaserah to Powghar	450
Do.	Do. do. from Madakeserah to Madoddy	860
Do.	Do. do. from do. to Amrapore	1,300
Do.	Do. do. from do. to Pennacondah	1,300
Do.	Do. do. from Pennacondah to Rodum and Powghoor frontier	580
Do.	Do. do. from Calliandroog to Coondripee and Amrapoor	1,200
Do.	Do. do. from Ramandroog to Hospett	1,000
Do.	Petty repairs	930
	Total...	4,1950
North Arcot	Repairs to road from Chittoor to Guditham	1,950
Do.	Do. do. from Guditham Railway Station to join Vellore and Arni road at Kamembady	750
Do.	Do. do. from Guditham to the foot of the Nakanery Pass at Bathana-palli	600
Do.	Do. do. from Santgur to Melpatti Railway Station	600
Do.	Do. do. from Santgur to Amboor Railway Station	900
Do.	Do. do. from Guditham to Vellore Railway Station	1,350
Do.	Do. do. from Vellore Railway Station to Trivallam... ..	750
Do.	Do. do. from Trivallam to Madondacuppam on-Ponner road	600
Do.	Do. do. from Chittoor to Arugonda with branch to Iral road	290
Do.	Do. do. from Chittoor to Nendragunta to Pennaree	300
Do.	Do. do. from Tripathy road at Nendragunta to Trunk Road No. 11... ..	400
Do.	Do. do. from Tripathy road, via Damalcheroovoo to Trunk Road No. 11... ..	2,250
Do.	Do. do. from Chittoor to Puthoor Railway Station	1,350
Do.	Do. do. from Puthoor Railway Station to Nagalapuram	750
Do.	Do. do. from Tripathy to Vadanalpet on Trunk Road No. XIII, via Tri-chanoor and Poody Railway Station	900
Do.	Do. do. from Tripathy Town to Railway Station	500
Do.	Do. do. from Chandragiri to Rangampett (Beemavaram ghaut) with branch to Tripathy Pagoda Hill	1,700
Do.	Do. do. to road from Yerpel to the Nellore frontier on the line to Venkatagiri	1,120
Do.	Do. do. from Tirthani to Sholinghur	680
Do.	Do. do. from Tirthani to Trunk Road No. VIII, via Arcotcuppam	970
Do.	Do. do. from Sholingur to Ponney	900
Do.	Do. do. from Sholingur to Railway Station	300
Do.	Do. do. from Arcot Railway Station to Wallajah	450
Do.	Do. do. from to Itancepet	400
Do.	Do. do. from to Wallajahpet to Perunganchi on road No. XXXII	900
Do.	Do. do. from Sholingur Railway Station to Trunk Road No. 1 via Caver-pauk	300
Do.	Do. do. from do. to Mahendravadi	
	Carried over...	21,960

LOCAL FUNDS.

Statement showing the Grants to be expended by Public Works Officers on Repairs to Roads under Rupees 2,500 each for the year 1871-72.—(Continued.)

District.	Description of Work.	Amount.
	COMMUNICATIONS.—(Continued.)	Rs.
	District Road, etc., Funds.—(Continued.)	
	Brought over...	21,960
North Arcot	Repairs to road from Arni to join Poloor road No. 43 at Yettivedu ...	750
Do.	Do. do. from Arni to Arcot ...	1,850
Do.	Do. do. from Arni to South Arcot frontier via Chetput on line to Gingee ...	1,800
Do.	Do. do. from Arcot to Trunk Road No. 1 at Arapakum ...	520
Do.	Do. do. from Bireddipalli to Trunk Road No. X via Lakkanapalli ...	350
Do.	Do. do. from Arnee to Padvedoo jungles in Santavasal ...	300
Do.	Do. do. from Arni to Wandewash ...	1,730
Do.	Do. do. from Ooppoor to Natchatravocil ...	300
Do.	Do. to Sections formed of road from Punganoor to junction with Trunk Road No. XI ...	2,000
Do.	Do. do. from the Railway Station at Vellore to junction with Trunk Road No. X ...	1,160
Do.	Do. do. from Trunk Road No. XI to Irul ...	600
Do.	Do. do. from Trunk Road No. XI to Penmari ...	500
Do.	Do. do. from Conjeevaram to South Arcot frontier via Wandewash (Tindivanam) ...	1,600
Do.	Do. do. from Madras to Cuddapah frontier Trunk Road No. XIII. ...	1,940
Do.	Petty Repairs ...	1,900
	Total...	39,260
South Arcot	Maintenance to the Road from Trivandipuram to Trivady by Poloor ...	1,000
Do.	Do. do. from Tripapuliur to Vargalput by Trivandipuram ...	400
Do.	Do. do. from do. to Cundamangalam by Paukum ...	800
Do.	Do. do. from Pattambakam to Trunk Road No. 9 ...	400
Do.	Do. do. from Punrooty to Anathoor ...	600
Do.	Do. do. from Verdachellum road (11th mile) to Kundiamalloor ...	1,000
Do.	Do. do. from Cullen's Choultry to Teagavally and Coodicade ...	300
Do.	Do. do. from Curinjipandy to Bowangherry as far as Paravanoor ...	400
Do.	Do. do. from Cuddalore to the Salem frontier by Virdachellam ...	2,400
Do.	Do. do. from Vilapuram to Pondicherry ...	1,800
Do.	Do. do. from Trinomallay (as far as the Talook Boundary) ...	2,000
Do.	Do. do. from do. to Ginjee (as far as the Talook Boundary) ...	1,000
Do.	Do. do. from do. to Trivanaloor (as far as the bank of Pennair) ...	600
Do.	Do. do. from Papanpett to Vurdoor by Madarpaukam ...	1,000
Do.	Do. do. from Villapuram to Mambalapet ...	1,000
Do.	Do. do. from 90th milestone of Mylun road to Valadavoor ...	600
Do.	Do. do. from Tindivanam to Vellimadu ...	1,000
Do.	Do. do. from do. to Pondicherry ...	1,800
Do.	Do. do. from Vellimodu to Chendoor ...	1,400
Do.	Do. do. from Ginjee to Chaitjut ...	1,500
Do.	Do. do. from Ginjee to Villapuram ...	600
Do.	Do. do. from Pondicherry to the Merkanum salt pans ...	900
Do.	Do. do. from Trinomallay to Trikaloor ...	1,200
Do.	Do. do. from do. to Paloor ...	1,200
Do.	Do. do. from Trinomallay to Owloorpet ...	1,400
Do.	Do. do. from do. Manaloorpet ...	1,500
Do.	Do. do. from do. Villapuram ...	1,800
Do.	Do. do. from Trinomallay to Tandrampet ...	1,000
Do.	Do. do. from Ponmathoor to Owloorpet ...	600
Do.	Do. do. from Chamampetty to Paranganathoor ...	900
Do.	Do. do. from Trickaloor to Veeraperumanallur ...	2,100
Do.	Do. do. from do. Trinomallay ...	1,000
Do.	Do. do. from do. to Ellavanasoor ...	1,900
Do.	Do. do. from do. to Manaloorpet ...	670
Do.	Do. do. from Trivanellore to Trickaloor ...	1,400
Do.	Do. do. from do. to Olundoorpet ...	1,400
	Carried over...	40,570

LOCAL FUNDS.

Statement showing the Grants to be expended by Public Works Officers on Repairs to Roads under Rupees 2,500 each for the year 1871-72.—(Continued.)

District.	Description of Work.	Amount.
	COMMUNICATIONS.—(Continued.)	Rs.
	District Road, etc., Funds.—(Continued.)	
	Brought over...	40,570
South Arcot	Maintenance to the road from Tiruvalluore to Anathoor ...	850
Do.	Do. from to Villupuram as far as the bank of the Pennair ...	400
Do.	Do. from Ellavanasoor to Assanoor ...	650
Do.	Do. from do. to Mangalam ...	850
Do.	Do. from Tiagur to Manalurpet ...	1,900
Do.	Do. from Callakoorchy to Kutchiroyerpoliem ...	800
Do.	Do. from Chinna Salem to do. ...	700
Do.	Do. from Kallakoorchy to Virdachellam ...	1,600
Do.	Do. from the 120th mile of Trunk Road No. 8 to join the 22nd mile of the road from Cuddalore to Trunk Road No. 8 ...	1,200
Do.	Do. from Virdachellum to Olundoorpatty ...	1,400
Do.	Do. from do. to Shatiatope ...	2,000
Do.	Do. from the 3rd mile of Shatiatope road to Comaramangalam ...	250
Do.	Do. from the 1st do. of Thittagudy road to Sathagudal village ...	300
Do.	Do. from Chillumberam road to Killai and Nuckravandangudy ...	600
Do.	Do. from do. to Bownagery ...	500
Do.	Do. from Chillumberam road to Nadarajapuram with a branch to Cosa-vanpet ...	850
Do.	Do. from do. to Laupet and Mannargoody ...	2,000
Do.	Do. from the 2nd mile of Chillumberam and Mannargudy road to Veeranum tank bank by Pootoor ...	1,000
Do.	Do. from the 11th mile of Chillumberam and Mannargudy road to Nainassal ...	400
Do.	Do. from the 4th do. of do. and do. to Thevaruthampet ...	300
Do.	Do. from the 6th of do. and do. to Themmoor and Myathoor ...	300
Do.	Do. from Mannargudy to Omampulloor ...	400
Do.	Do. from do. to Yelloor ...	700
Do.	Do. from do. to Cundamangalam ...	300
Do.	Do. to the roads near the Vellaur Anicut (viz.) to Veeranum tank bank ...	550
Do.	Do. to Boodengudy, Ambapuram etc. ...	700
Do.	Do. from Keerapoliem to Boodengudy ...	900
Do.	Do. from Boovenagery to Kurinjipady ...	300
Do.	Do. from Porto Novo to Puduchatram ...	300
Do.	Do. from do. to Killai ...	400
Do.	Do. from Sea Custom-house at Porto Novo to Sea shore ...	1,600
Do.	Do. from Porto Novo to Trunk Road No. 9 ...	1,970
Do.	Petty Repairs ...	
	Total...	67,540
		1,000
		600
	Total...	1,600
Salem	Branch line from Taylor's saddle to Nazalore ...	2,100
Do.	Repairing the road from Taylor's saddle to Green Hill Church ...	1,050
	Total...	1,320
Tanjore	Maintenance allowance to the Road No. 5 from Tanjore to Combaconum ...	840
Do.	Do. do. No. 6 from Tanjore to Govindagoodi on Road No. 10 ...	420
Do.	Do. do. No. 7 from Tanjore to Mannargoody ...	330
Do.	Do. do. No. 9 from Gundracottah to Road No. 1 ...	1,330
Do.	Do. do. No. 10 from Papanasem to Woodiarpoliem ...	1,350
Do.	Do. do. No. 11 from Combaconum to Tranquebar ...	900
Do.	Do. do. No. 12 from Audoorhoray to Karikal ...	1,080
Do.	Do. do. No. 13 from Combaconum to Codavassel ...	
Do.	Do. do. No. 14 from Combaconum to Trivalore ...	
Do.	Do. do. No. 16 from Velangaman to Trivalore ...	
	Carried over ..	10,720

LOCAL FUNDS.

Statement showing the Grants to be expended by Public Works Officers on Repairs to Roads under Rupees 2,500 each for the year 1871-72.—(Continued.)

District.	Description of Work.	Amount.
COMMUNICATIONS.—(Continued.)		
District Road, etc., Funds.—(Continued.)		
	Brought over...	Rs. 10,720
Tanjore	Maintenance allowance to the Road No. 17 from Codavassel to Coradacherry ...	1,960
Do.	Do. do. No. 19 from No. 15 to Aroondanghy and Pat-tucottah ...	1,800
Do.	Do. do. No. 20 from Pattocottah to Avadayar Covil ...	880
Do.	Do. do. No. 21 from Aroondanghy to Minpessel ...	1,150
Do.	Do. do. No. 23 from Mannargoody to Trivalore ...	1,600
Do.	Do. do. No. 24 from Moothoopettah to Minpessel via Adrampatam ...	1,900
Do.	Do. do. No. 27 from Cottoor to Sengandi ...	400
Do.	Do. do. No. 29 from Shealli to Terumulavassel ...	380
Do.	Do. do. No. 31 from Mayaveram to Road No. 28 ...	550
Do.	Do. do. No. 32 from Mayaveram to Caveripatam ...	380
Do.	Do. do. No. 33 from Nannilam to Nagore joining Road No. 30 ...	400
Do.	Do. do. No. 36 from Negapatam to Valanganny ...	650
Do.	Do. do. No. 37 from Moothoopettah to Madukoor ...	320
Do.	Do. do. No. 40 from Coottalam to Lower Anicut ...	600
Do.	Do. do. No. 41 from Vydeesvaren Covil to Pandanellore ...	700
Do.	Do. do. No. 43 from Tiruvelangaud to Tirunaghery ...	300
Do.	Do. do. No. 46 from Nagore to Cangalanchery ...	870
Do.	Do. do. No. 47 from Nachiarcovil to Nannilam ...	750
Do.	Do. do. No. 48 from Combaconum to Mayaveram ...	1,300
Do.	Do. do. No. 50 from Iyempettah to Teroocautoopally along the south bank of the Codamoorthy ...	640
Do.	Do. do. No. 51 branching from Road No. 18 at the Mul-liar head and joining Road No. 35 and thence to Talanayer ...	450
Do.	Do. do. No. 53 from Teroovalendoor to the Palavar bridge on road No. 41, and thence to the Coleroon bank via Manamode ...	680
Do.	Do. do. No. 56 from Tanjore to Vallam via Pulliarpaty ...	900
Do.	Do. do. No. 57 Railway feeder from Senjeepatty to Boodalore and thence to Pudoo Chattrum ...	950
Do.	Do. do. No. 58 from Cordacherry to road No. 23 from Mannargoody to Trivalore and thence to No. 51 ...	300
Do.	Do. do. No. 63 from No. 26 near Terootoraypoondy or from Pomani to Callimode ...	1,350
Do.	Do. do. No. 64 from Pattocottah to Mannargoody via Cowoogoody ...	1,200
Do.	Do. do. No. 65 cross road from No. 35 near Harichen-dranady bridge to Keevalore on Road No. 1... No. 68 from Puttoor on Road No. 2 to Pudu-patnam near Devicottah along the bank of the Pudumanniar ...	330
Do.	Do. do. No. 69 from Shealli to Panangattangudy on the Coleroon bank ...	520
Do.	Do. do. No. 70 along the Coleroon south bank from lower anicut to Anikaren Chattrum ...	1,350
Do.	Do. do. No. 79 along the Arasaloor south bank ...	800
Do.	Do. do. No. 85 from Codamoorthy bridge in Papacovil on Road No. 36 along the Codamoorthy south bank to join the new road ...	290
Do.	Petty Repairs ...	2,170
	Total...	41,460

LOCAL FUNDS.

Statement showing the Grants to be expended by Public Works Officers on Repairs to Roads under Rupees 2,500 each for the year 1871-72.—(Continued.)

District.	Description of Work.	Amount.
COMMUNICATIONS.—(Continued.)		
District Road, etc., Funds.—(Continued.)		
		Rs.
Trichinopoly	Repairs to the road No. 1 from Trichinopoly to Tanjore ...	1,950
Do.	Do. No. 7 from Museri to Kannanore and Toriore ...	1,200
Do.	Do. No. 9 from Perambalore to Arealore ..	1,500
Do.	Do. No. 10 from do. to Kistnapuram ...	1,430
Do.	Do. No. 11 from Tirmalvadi to Pullambadi ...	860
Do.	Do. No. 12 from Madanakoorchi to Jeyencondasholapuram, Rajendrapatam and to Puttoor opposite to Virdachellam ...	2,300
Do.	Do. No. 13 along the Coleroon north bank from the lower anicut to the road between Oodiarpolliem and Combaconum and as far as Sengariyoor ...	1,430
Do.	Do. No. 15 from Culetallay to Manaparay... ..	1,400
Do.	Do. No. 16 from Covelpatty to Manaparay ...	850
Do.	Do. No. 20 from Laulgudi to Shengariore ...	600
Do.	Do. No. 21 from Trichinopoly to Combaconum via Cirkarpolliem... ..	380
Do.	Do. No. 23 from do. to Allitoray ...	510
Do.	Do. No. 24 from do. to Pooducottah ...	800
Do.	Do. Petty Repairs... ..	130
	Total...	15,340
Coimbatore	Maintenance to the road from Attary to Andioor ...	880
Do.	Do. from Caroor to Erode by Malicampolliem ...	2,200
Do.	Do. from do. to Pogaloor ...	770
Do.	Do. from do. to Vungal... ..	380
Do.	Do. from do. to Neroor ...	330
Do.	Do. from do. to Kannivady by Aravacoorchy ...	1,430
Do.	Do. from Chinnadarapuram to Tennalay ...	440
Do.	Do. from Paramatty to Noyel hitherto called Codoomooddy to Paramatty... ..	440
Do.	Do. from Kongiyam to Perundoray ...	1,100
Do.	Do. from Dharapooram to Kongayam ...	1,100
Do.	Do. to Somanoor Railway feeder ...	550
Do.	Do. from Pollachy to Palghaut by Colingapara ...	550
Do.	Do. from Aravacoorchy to Madura frontier, via Andipatty ...	500
Do.	Do. from Aravacoorchy to the Ambravatty river... ..	380
Do.	Do. from Sattiamangalam to Cotamangalam on both banks of the Bho-wany river ...	880
Do.	Do. from Collegal to Sivasamoodram ...	1,100
Do.	Do. to Sivasamoodram Island Roads ...	280
Do.	Do. from Bhowany to Nerinjeppett ...	1,320
Do.	Do. from Sattiamangalam to Talavady by Kotamangalam and Guzzle-hutty Ghaut ...	1,650
Do.	Do. from do. to Metapolliem by Iroombaray and Seerommoogay ...	1,430
Do.	Do. from do. to Goodalore by Caniempolliem and Seerommoogay ...	1,980
Do.	Do. from Serommoogay to Annoor ...	550
Do.	Do. from Avanashy to Iroombaray by Cheyoor and Poolliempatty ...	1,100
Do.	Do. from Sattiamangalam to Parundoray by Teroovaloor... ..	1,480
Do.	Do. from Gopichettypolliem to Cheyoor by Numbyoor ...	1,100
Do.	Do. from do. to Siroovaloor ...	440
Do.	Do. from Cundapuddy to Bhowany... ..	440
Do.	Do. from Caroor to Dindigul frontier by Valliany ...	600
Do.	Do. from Caroor to Trichinopoly frontier ...	440
Do.	Do. from Chinnadarapuram to Madura frontier by Aravacoorchy ...	990
Do.	Do. from Aravacoorchy to Madura frontier ...	440
Do.	Do. from Kongayam to Codoomooddy by Moottoor... ..	1,320
Do.	Do. from Vellacovil to Moottoor ...	440
Do.	Do. from Dharapuram to Polladam ...	1,430
	Carried over...	30,520

LOCAL FUNDS.

Statement showing the Grants to be expended by Public Works Officers on Repairs to Roads under Rupees 2,500 each for the year 1871-72.—(Concluded.)

District.	Description of Work.	Amount.
	COMMUNICATIONS.—(Concluded.)	Rs.
	Port Funds.	
Ganjam ...	Repairs of road from Trunk Road (river side) to the Custom-house at Ganjam ...	300
Do. ...	Do. of 3 beach roads about two miles at Gopaulpore ...	300
Do. ...	Do. of do. at Calingapatam ...	150
	Total, Port Funds ...	750
	Grand Total ...	4,24,640

Rev: 3980/70.

Read the following papers:—

- No. 302. From the Acting Superintending Engineer, 1st Division.
(Here enter No. 2,219, dated 30th September 1870.)
- No. 303. From Do. do. 2nd Division.
(Here enter No. , dated 23rd September 1870.)
- No. 304. From Do. do. 3rd Division.
(Here enter No. 1,391, dated 22nd September 1870.)
- No. 305. From Do. do. 3rd Division.
(Here enter No. , dated 1st October 1870.)
- No. 306. From Do. do. 3rd Division.
(Here enter No. 158-B, dated 20th October 1870.)
- No. 307. From the Executive Engineer in charge of the 4th Division.
(Here enter No. 2,731, dated 30th September 1870.)
- No. 308. From the Collector of South Arcot.
(Here enter No. 38, dated 28th September 1870.)
- No. 309. From the Acting Sub-Collector of Salem in charge.
(Here enter No. 27, dated 28th September 1870.)
- No. 310. From the Acting Superintending Engineer, 5th Division.
(Here enter No. 137, dated 8th October 1870.)
- No. 311. From the Executive Engineer in charge of the 6th Division.
(Here enter No. 608, dated 22nd October 1870.)
- No. 312. From the Executive Engineer in charge of the 6th Division.
(Here enter No. 609, dated 25th October 1870.)
- No. 313. From the Acting Superintending Engineer, 7th Division.
(Here enter No. , dated 20th September 1870.)
- No. 314. From Do. do. 7th Division.
(Here enter No. , dated 6th October 1870.)
- No. 315. From the Special Executive Engineer, Wynaad.
(Here enter No. 668, dated 12th October 1870.)
- No. 316. From the Acting Superintending Engineer, 8th Division.
(Here enter No. 1,801, dated 3rd October 1870.)
- No. 317. From the Controller of Public Works Accounts.
(Here enter No. 1,666, dated 8th November 1870.)
- No. 318. From the General Superintendent Public Works Stores and Work-shops.
(Here enter No. 998, dated 2nd December 1870.)
- No. 319. From Do. do. do.
(Here enter No. 1,026, dated 12th December 1870.)
- No. 320. From the Inspector-General of Police.
(Here enter No. 6,569, dated 22nd October 1870.)
- No. 321. From the Director of Public Instruction.
(Here enter No. 1,623, dated 1st October 1870.)
- No. 322. From Do. do. do.
(Here enter No. 1,872, dated 9th November 1870.)

No. 324. ORDER THEREON, 15th December 1870, No. 3,044.

The papers recorded at the head of these Proceedings give cover to the Budgets of works proposed for execution of the Public Works Department

2. Taking the appropriation to Extraordinary Agricultural Works at Rupees 17,95,000,* for which that part of the Budget has been prepared, the Imperial Public Works grant† for the ensuing year is Rupees 72,20,000, against which demands, aggregating 1 officers, classified as follows :—

†Exclusive of State Outlay on guaranteed railways.

Rupees 143,65,019, are made by the local officers, classified as follows :—

3. The Budget of State expenditure in connection with guaranteed railways, as passed in the Proceedings of Government, No. 2,734, dated 15th ultimo, amounts to Rupees 2,72,000 in round numbers. Adding this assignment to the grant† for Public Works proper, the total Imperial allotment for 1871-72 is Rupees 74,92,000, which His Excellency the Governor in Council resolves to distribute over the various heads of service in the manner detailed below :—

Main Heads of Service.	Minor Heads.	WORKS NOT COM- MENCED.		INCOMPLETE WORKS.		TOTAL OF TWO PREVIOUS COLUMNS.		Reserve.	Grand Total.
		Num- ber.	Amount allotted.	Num- ber.	Amount allotted.	Num- ber.	Amount allotted.		
New Works	Military	5	69,020	12	1,60,980	17	2,30,000	50,000	2,80,000
	Civil Buildings	...	.....	44	3,38,500	44	3,38,500	50,000	3,88,500
	Agricultural, Ordinary	...	44,650	3	74,550	7	1,19,200	1,75,000	2,94,200
	Do. Extraordinary.	3	3,00,000	13	12,75,000	16	15,75,000	.....	15,75,000
	Communications	...	.....	23	2,20,000	23	2,20,000	50,000	2,70,000
	Miscellaneous Public Improve- ment	...	.....	4	18,000	4	18,000	6,500	24,500
	Total...	12	4,13,670	99	20,87,030	111	25,00,700	3,31,500	28,32,200
Repairs	Military	...	.....	...	.....	...	.....	.....	2,20,000
	Civil Buildings	...	.....	...	.....	...	.....	.....	1,14,000
	Agricultural, Ordinary	...	.....	...	.....	...	.....	.....	12,00,000
	Communications	...	.....	...	.....	...	.....	.....	9,55,300
	Miscellaneous Public Improve- ment	...	.....	...	.....	...	.....	.....	15,000
	Total...	...	.....	...	.....	...	.....	.....	25,04,300
Establishments, exclusive of pro- portion chargeable to Local Funds	Tools and Plant, do.	...	.....	...	.....	...	.....	.....	16,77,700
	Madras Irrigation and Canal Com- pany—State outlay	...	.....	...	.....	...	.....	.....	1,50,000
	Railways—do.	...	.....	...	.....	...	.....	.....	55,800
		...	.....	...	.....	...	.....	.....	2,72,000
		...	.....	...	.....	...	.....	.....	74,92,000
	Total...	...	.....	...	.....	...	.....	.....	

4. The restrictions imposed by the Government of India on the appropriation of the Imperial grant are noted at length in the orders of that Government recorded in Proceedings No. 2,769, dated 17th November 1870, to which, as well as to paragraphs 5 and 41 of G. O. of the 15th December 1869, No. 3,916, the special attention of all Superintending Engineers is directed.

* Rupees 2,72,000.
† „ 72,20,000.
‡ „ 77,25,000.

5. Omitting the provision* for State outlay on guaranteed railways, the Imperial grant† for 1871-72 falls short of the Budget assignment‡ for the current year by Rupees 5,05,000 as follows:—

Heads.	For 1870-71.	For 1871-72.	Less.	More.
	RS.	RS.	RS.	RS.
New Works. { Military	3,40,000	2,30,000	1,10,000	.....
{ Civil Buildings	4,17,000	3,38,500	78,500	.....
{ Agricultural, Ordinary.	65,200	1,19,200	.....	54,000
{ Do. Extraordinary.	18,80,000	15,75,000	3,05,000	.....
{ Communications	2,00,000	2,20,000	.....	20,000
{ Miscellaneous Public Improvement	13,800	18,000	.....	4,200
{ Reserve	5,41,000	3,31,500	2,09,500	.....
Repairs ... { Military	2,00,000	2,20,000	.....	20,000
{ Civil Buildings	1,10,000	1,14,000	.....	4,000
{ Agricultural, Ordinary.	12,00,000	12,00,000	.....	.....
{ Communications	9,30,000	9,55,300	.....	25,300
{ Miscellaneous Public Improvement	15,000	15,000	.....	.....
Establishment, Imperial, including charge against Extraordinary Agricultural grant	16,09,200	16,77,700	.....	68,500
Tools and Plant do. do. do.	1,50,000	1,50,000	.....	.....
Madras Irrigation and Canal Company—State outlay	53,800	55,800	.....	2,000
Total...	77,25,000	72,20,000	7,03,000	1,98,000
Net decrease...	.....	.....	5,05,000	.....

6. The appropriations in the Budget Estimate for 1871-72 to Major Works, "Imperial," amount in the aggregate to Rupees 25,00,700, being Rupees 4,15,300 less than the grant* for the current year as shown in the following abstract:—

* Rupees 29,16,000.

Heads.	For 1870-71.	For 1871-72.	Less.	More.
	RS.	RS.	RS.	RS.
Military ... { Accommodation for troops	2,32,150	2,00,000	32,150	...
{ Ordnance	37,630	...	37,630	...
{ Staff... ..	70,200	30,000	40,200	...
Total...	3,40,000	2,30,000	1,10,000	...
Civil Buildings. { Revenue buildings	72,800	40,890	31,910	...
{ Post and Telegraph buildings.	3,000	3,700	...	700
{ General do.	43,220	29,050	14,170	...
{ Judicial do.	2,97,980	2,64,860	33,120	...
Total...	4,17,000	3,38,500	79,200	700
Extraordinary. { Irrigation Canals	18,80,000	15,75,000	3,05,000	...
Total...	18,80,000	15,75,000	3,05,000	...
Agricultural ... { Ordinary. { Irrigation Canals	60,700	1,14,200	...	53,500
{ Tanks	4,500	5,000	...	500
Total...	65,200	1,19,200	...	54,000
Communications. { Roads	1,09,980	1,76,600	...	66,620
{ Bridges	73,300	31,700	41,600	...
{ Navigable Canals	16,720	11,700	5,020	...
Total...	2,00,000	2,20,000	46,620	66,620
Miscellaneous Public Improvement. { Ports and Harbours... ..	13,800	5,800	8,000	...
{ Municipal	...	12,200	...	12,200
Total...	13,800	18,000	8,000	12,200
Grand Total...	29,16,000	25,00,700	5,48,820	1,33,520
Net decrease...	...	...	4,15,300	...

7. Under Military, the grant for Major Works for 1871-72 falls short of the current year's Budget assignment by Rupees 1,10,000. This is owing mainly to the entire sum to be made available in the ensuing year under this head of service being less than the allotment for 1870-71 by one lac of Rupees. A further reduction of Rupees 10,000 in the appropriations to Major Works has become necessary by the necessity of supplementing the provision for "Repairs Military," as herein-

* Comprising Civil Buildings, Communications, and Miscellaneous Public Improvement.

† Rupees 6,30,800.

Rupees 54,300, which sum it has been found necessary to divert from this head to cover in part the excess over the allotment sanctioned by the Government of

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India for Establishments, as explained in a subsequent paragraph. Under the four heads already noted, none other than incomplete works, save those specified in the margin, have found a place in the Budget of 1871-72, and, even amongst works of this class, the Government have had no alternative but to exclude the Great Northern Road, as well as a large number of Talook Cutcheries and Subsidiary Jails; which, for want of funds, are left in an unfinished state. Under "Agricultural, Ordinary," the allotments for Major Works amount in all to Rupees 1,19,200, which is in excess of the Budget provision for the current year by Rupees 54,000. The appropriations to Extraordinary Agricultural Works aggregate Rupees 15,75,000, as follows, being Rupees 3,05,000 less than the grant for 1870-71:—

	RS.
Ganjam.—Rooshkoolia Project	50,000
Godavery.—Western Delta Project	3,00,000
Do. Eastern do.	2,00,000
Kistna.—Kistna Delta Works	1,90,000
Nellore.—Pennair do.	1,00,000
Chingleput.—Water Supply Project	1,00,000
South Arcot.—Palandoray Project	1,00,000
Tanjore.—Cauvery and Vennaur Works	2,60,000
Madura.—Perryaur Project	1,00,000
Tinnevely.—Streevyguntam Anicut Project	1,75,000

Total... 15,75,000

8. The Reserve, or grant for Minor Works, Imperial, for 1871-72 is Rupees 3,31,500, which is less than the current year's estimate* by Rupees 2,09,500.

The short provision under each head is noted below:—

	RS.
Military	10,000
Agricultural	1,56,000
Civil Buildings	20,000
Communications	20,000
Miscellaneous Public Improvement	3,500

Total... 2,09,500

9. The short provision under "Military" has been diverted to the minor head "Repairs," to cover excesses explained in paragraph 20 of these Proceedings.

10. Of the reduction (Rupees 43,500) on "Other Services" (including Civil Buildings, Communications, and Miscellaneous Public Improvement) Rupees 14,200 have been diverted to the head of "Establishments, Ordinary," and Rupees 4,000 and 25,300 to Repairs "Civil Buildings" and "Communications" respectively. The necessity for these transfers is explained in paragraphs 20 and 25.

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11. Of the short provision of Rupees 1,56,000 under "Agricultural," Rupees 56,000 have been appropriated, partly* to specific Major Works in Part II., and partly† to augment the provision for State outlay on guaranteed irrigation works, the balance being taken to increase the allotment for Establishments, regarding which full explanation will be afforded to the Government of India.

12. The following allotments are authorized from the Reserve, to meet demands on account of Minor New Works within the competence of the Superintending Engineers to sanction:—

Districts.	Military.	Civil Buildings.	Agricultural.	Communications.	Miscellaneous Public Improvement.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam	300	400	1,000	600	.....	2,000
Vizagapatam	300	500	6,000	600	.....	7,400
Godavery	.....	500	5,000	500	.....	6,000
Kistna	.....	400	5,000	500	.....	5,900
Nellore	.....	400	4,000	600	.....	5,000
Cuddapah	.....	400	2,000	600	.....	3,100
Kurnool	400	400	4,000	600	.....	8,000
Bellary	3,000	1,800	.....	.....	.....	4,800
Presidency	3,000	400	5,000	500	.....	7,400
Chingleput	1,500	400	6,000	500	.....	7,200
North Arcot	300	400	6,000	400	.....	6,800
South Arcot	.....	400	2,000	200	.....	2,800
Salem	200	400	.....	.....	.....	3,500
Bangalore	3,000	500	.....	600	.....	11,200
Tanjore	.....	600	10,000	500	.....	5,700
Trichinopoly	1,700	500	3,000	600	.....	4,100
Coimbatore	500	500	2,500	400	250	2,050
Neilgherries	1,000	400	.....	600	250	3,850
Malabar	2,000	500	500	500	.....	500
Wynaad	.....	.....	.....	400	.....	1,100
South Canara	300	400	.....	600	.....	4,000
Madura	.....	400	3,000	600	.....	9,000
Tinnevely	500	400	7,500	600	.....	.....
Total...	18,000	11,000	73,000	11,000	500	1,13,500

13. These sums will be at the disposal of the local officers on the 1st April 1871, and deducting them from the total provision for Minor Works under all heads, the balances which will remain at the disposal of Government are as follow:—

	RS.
Under Military	32,000
" Agricultural	1,02,000
" Civil Buildings	39,000
" Communications	39,000
" Miscellaneous Public Improvement	6,000
Total...	2,18,000

14. Looking to the smallness of these balances, His Excellency the Governor in Council directs that the orders in paragraph 29 on the current Budget shall continue in force in the ensuing year. These orders should be specially communicated to all Range Officers for information and guidance.

15. The statements of demands to be submitted by Superintending Engineers, early in April next, should show separately and distinctly—

(1.) Works in actual progress on the 31st March 1871 under proper authority.

(2.) Works against which payments are recorded in the current year's accounts on account of demands left unsettled in 1869-70.

16. Irrespective of these returns the Government will expect to receive from Superintending Engineers the usual statements of new sanctioned works estimated at and above Rupees 2,500, and of transfers of Imperial Budget credits exceeding the actual requirements of 1871-72.

17. The Inspector-General of Police should also take measures for ensuring the despatch, early in April next, of the statements called for in G. O., No. 979, dated 8th April 1870, of the detailed appropriations of the lump sums provided in the Public Works Budget on account of Police buildings. Major Hearn will observe, on reference to that Order, that these particulars are not required to be furnished at the time of the preparation of the Budget Estimate, and that the provisions of Rule III. apply not to the entries in that *Budget*, but to the *detailed statements* due by him after the commencement of the official year.

18. Under Repairs, Imperial, the aggregate Budget provision for 1871-72 is Rupees 25,04,300, against Rupees 24,55,000 allotted in the current year. The distribution of these grants amongst the several districts is noted in the following abstract:—

Districts.	MILITARY.		CIVIL BUILDINGS.		AGRICULTURAL.		COMMUNICATIONS.		MISCELLANEOUS PUBLIC IMPROVEMENT.	
	1870-71.	1871-72.	1870-71.	1871-72.	1870-71.	1871-72.	1870-71.	1871-72.	1870-71.	1871-72.
Ganjam	720	920	2,900	3,700	22,500	22,500	47,748	48,578	100	.....
Vizagapatam	5,160	10,160	1,600	2,400	8,500	8,500	28,964	29,164	300	300
Godavery	.....	.....	5,500	5,100	1,55,000	1,55,000	22,321	21,800	7,835	7,835
Kistna	741	700	4,000	3,500	75,000	75,000	40,390	41,350	500	500
Nellore	.....	.....	2,400	2,400	54,000	56,000	44,536	47,272	.....	.....
Cuddapah	.....	.....	2,900	2,400	72,500	70,000	46,650	46,350	.....	.....
Kurnool	.....	.....	2,900	2,800	17,000	20,000	33,787	33,187	.....	.....
Bellary	25,000	25,000	1,900	2,400	51,500	51,500	52,400	58,525	300	300
Presidency	70,079	66,247	23,180	31,000	3,000	3,000	23,453	20,453	50	50
Chingleput	21,350	25,350	9,500	9,700	85,000	90,000	82,007	1,00,571	50	50
North Arcot	4,110	3,610	5,300	6,000	1,07,000	1,10,000	28,275	30,900	140	140
South Arcot	.....	.....	3,600	3,300	1,07,500	1,07,500	60,121	59,417	.....	.....
Salem	2,000	2,850	5,520	5,670	35,000	35,000	42,600	41,900	.....	.....
Bangalore	37,440	41,945	1,500	2,000	.....	.....	.....	.....	5,000	5,000
Tanjore	.....	.....	9,500	7,300	1,80,000	1,45,000	41,053	38,418	.....	.....
Trichinopoly	6,000	9,618	3,600	2,600	71,000	71,000	35,888	36,365	.....	.....
Coimbatore	400	400	3,400	3,400	40,925	48,000	32,380	31,680	300	400
Neilgherries	7,000	9,200	2,000	2,000	.....	.....	27,220	26,720	200	200
Malabar	16,000	20,000	5,300	4,900	1,075	1,100	51,630	51,130	.....	.....
Wynaad	1,300	1,300	2,400	1,900	.....	.....	42,650	42,650	25	25
South Canara	.....	.....	3,500	3,600	.....	.....	40,573	40,370	100	100
Madura	.....	.....	3,600	3,530	41,000	41,000	57,400	61,250	100	100
Tinnevely	2,700	2,700	4,250	4,400	86,500	89,900	47,954	47,250	.....	.....
Total...	2,00,000	2,20,000	1,10,000	1,14,000	12,00,000	12,00,000	9,30,000	9,55,300	15,000	15,000

19. The excess provision of Rupees 49,300 appears under the following heads:—

	RS.
Military	20,000
Civil Buildings	4,000
Communications	25,300

20. The additional assignments under the two former of these heads are due to the necessity of providing adequately for all claims, supported by rule, to house-rent and compensation for inferior quarters made on behalf of Military Subordinates and of Medical Subordinates in Military and Civil employ respectively. The provision under these heads in the outgoing Budget is calculated to be the aggregate of the charges in the current year.

21. The excess provision under "Repairs Communications" represents the grants required for the maintenance of additional lengths of Imperial road which have recently been constructed.

22. Under "Agricultural" and "Miscellaneous Public Improvement," the allotments for 1871-72 are exactly the same as those provided in the current year's Budget, and call for no remark.

23. The Budget of Establishments, as submitted by the Controller of Public Works Accounts, amounts to Rupees 20,10,718. This is less than the original* Budget Estimate for 1870-71 by Rupees

*Rupees 21,25,400.

1,14,682. Taking, however, into consideration the reduction of two lacs of Rupees in 1870-71 ordered by the Government of India, the outgoing Budget shows an excess over the reduced estimate of the current year of Rupees 85,318, which is explained as follows:—

Difference (to be met from savings) between the amount by which the Budget Estimate of 1870-71 was ordered to be reduced by the Government of India and that of the specific reductions made by this Government. 31,749

Net excess, as shown below, by the adoption of the new scale of salaries sanctioned in G. O., No. 2,589, dated 31st October 1870:—

Excess under "Direction"	10,440
Do. "Accounts"	3,825
	14,265
Deduct saving under "Construction"	9,124
	5,141
Additional house-rent for the Chief Engineer for Irrigation	360
Addition on account of official postago (Rupees 45,000—41,920)	3,080
Do. do. of pay proper of seconded officers, and Presidency house-rent to Engineer Establishment under "Construction"	780
Slight excess in salary of Mechanical Engineer	81
Addition on account of 50 per cent. increase to Wynaad Officers, calculated at the present rate of charge	920
Do. do. to Wynaad Establishments	468
Additional charge on account of Surveying Master to Civil Engineering College	1,200
Additions on account of sanctioned Conservancy Establishments, and amount disallowed in current year's estimate in order to make up round numbers	3,986

Increase on account of travelling allowance under "Construction" 45,000

Deduct— 92,768

Saving by reduction in the number of Assistant Engineers of the 3rd grade from 7 to 4 (Rupees 1,400—1,000 = 400 × 12 =) 4,800

Do. on the grant for contingencies of the Civil Engineering College 950

Do. for Local Fund Petty Establishment and Contingencies 1,700

7,450

Net Increase ... 85,318

24. The entire amount provided in Part IV., and now passed by Government, is Rupees 20,10,710, distributed as follows:—

	RS.
Against Imperial, Ordinary	14,77,700
Do. do., Extraordinary	2,00,000
Total Imperial	16,77,700
* District Road Fund Petty Establishment and Contingencies	1,18,630
Ten per cent. for Public Works supervision on the estimated outlay on Road Fund Works, viz., Rupees 19,89,970	1,99,000
	3,17,630
† Do. do. on East Coast Canal works, viz., Rupees 12,200	1,220
Canal Fund Petty Establishment	2,500
	3,720
* District Road Fund	3,17,630
† Canal Fund...	3,720
Port Fund—Ten per cent...	9,990
Educational Fund do. ...	1,670
Total Local	3,33,010
Grand Total	20,10,710

25. The sum specifically set apart by the Government of India for Establishments, Ordinary, is Rupees 13,09,200, to which His Excellency in Council has added Rupees 68,500 from the grant for "Other Services," in pursuance of Clause V. of paragraph 14 of the Circular recorded in G. O., No. 2,769, dated 17th

* Between the amount of the Budget (Rupees 14,77,700) and the aggregate of the two sums (Rupees 13,77,700) just noted.

November 1870. The difference* of one lac of Rupees has been met by transfer from the allotment for Agricultural Works, Ordinary. In support of this

transfer it will be explained to the Government of India that, seeing that the cost of surveys in connection with Extraordinary Agricultural Works is not permitted to be charged at once to the Extraordinary grant of the year, and that it has been determined that disbursements on this account shall fall on the Ordinary grant in all cases in which the surveys, plans, and estimates, are not prepared in the year in which the works are sanctioned for execution, the sub-division of the Ordinary grant against which these charges should appear is clearly, in the opinion of His Excellency in Council, "Agricultural." Apart from this, it has to be borne in mind that the entire allotment for Agricultural Works, Ordinary and Extraordinary, is Rupees 30,69,200, against Rupees 22,67,300 for works under all other heads, and seeing that, on the principles laid down in the orders of the Government of India, No. 28-A—L., dated 4th February 1870, the charges to Extraordinary on account of Establishments are not likely to exceed two lacs, while the total

estimated outlay (Imperial) under "Establishments" is Rupees 16,77,700, this Government think that, if those orders are to continue in force, it is only fair to expect a greater proportion of the excess (Rupees 1,68,500) on Establishments to be contributed by the grant for Ordinary Agricultural Works. Moreover, looking to the large number of irrigation works which are scattered all over the Madras Presidency, there is no doubt that Ordinary Works of that class absorb the greater portion of the time and attention of the Executive and Account Establishments, and it is therefore only right that the excess under "Establishments" should fall more heavily on the "Agricultural Ordinary" allotment than on the grant for "Other Services." It has been shown, that of the excess of Rupees 1,68,500 on Establishments, it is proposed to charge Rupees 68,500 to the provision for "Other Services," and taking into account the debits (estimated at about 35,000 or 40,000 Rupees) on account of Temporary Survey Establishments to be employed on the investigation of irrigational schemes, expected to be ultimately carried out from borrowed capital, or from the grant from the ordinary revenues of the country, and giving due weight to the other circumstances detailed above, His Excellency in Council trusts that the proposed transfer of one lac of Rupees from the ordinary grant for Agricultural Works to the head of Establishments, Ordinary, will not be considered excessive by the Government of India.

26. In former Budgets, the charges for official postage were entered in a lump sum under "Construction." In the present estimate, the amount will be found distributed under "Direction" and "Accounts," to tally with the advices which the Controller receives from time to time from the Comptroller-General of Accounts, who, it is stated, furnishes periodical statements in which the Postal Department classifies the charges under the following heads:—

Secretary.

Superintending Engineers.

Controller.

27. The provision for official postage in the Budget of 1871-72, namely, Rupees 45,000, is the estimated charge under that head for the current official year.

28. In the preparation of the Budget of Establishments the new consolidated rates of salary have been adopted, the provision for Military allowances for Superintending Engineers and for Executive and Assistant Engineers being the difference between the total of the consolidated rates, and the salaries which will be passed to the officers who are likely to hold the various appointments in the next official year.

29. In explanation of the excess of Rupees 45,000 on account of travelling allowance under "Construction," the Controller appends a memorandum of the audits* during the first seven months of the current year, from which the Government note that the average charge on account of travelling allowance under "Construction" is Rupees 17,240 per mensem. This will give a total of Rupees 2,06,880 per annum, or Rupees 45,000 in round numbers in excess of the reduced grant (Rupees 1,61,884) for 1870-71.

	RS.
* March	18,335
April	17,920
May	17,651
June	16,834
July	15,777
August	16,531
September	17,612
Total for 7 months...	1,20,690
Average per mensem...	17,241

30. The Governor in Council does not doubt that the travelling allowance bills of all members of the Public Works Department are carefully scrutinized in the Office of the Controller, and in order to show that the charges on account of travelling allowance, as provided for in the outgoing Budget, are in no way excessive or unusual, the Controller explains that the bills for travelling allowance under "Construction" actually passed in 1868-69 and 1869-70 amount in the aggregate to Rupees 2,04,655 and 2,12,709, respectively. Seeing that the Budget-Estimate for 1871-72 is prepared strictly with reference to what are likely to be the actuals of that year under the various heads, the Government deem it absolutely necessary to make specific provision for the excess charge of Rupees 45,000.

31. The Budget allotment for Temporary and Petty Establishments, Imperial, is Rupees 50,000 in each case. The grant for works under all heads for 1871-72 being even less than that for 1870-71, as already shown, the charges under these heads in the ensuing year should, if possible, be lower than the actuals of the year now current. Taking the orders communicated in paragraphs 2 and 5 of G. O., No. 813, dated 18th March 1870, in respect to Temporary and Petty Establishments, as continuing in full force throughout 1871-72, Superintending Engineers will carefully scrutinize the details of the establishments now employed, and, after making such reductions as may be practicable, they will submit, through the Controller of Public Works Accounts, Statements showing:—

(1.)—The Temporary Establishments to be employed on Surveys (Imperial) in 1871-72.

(2.)—Do. for general purposes.

(3.)—The Petty Establishments (Imperial) to be employed in each Range in 1871-72.

32. These Returns, which Government will expect to receive early in March, should contain full details, and be prepared in the form of the Statement which accompanied the Proceedings of Government of the 18th March last, quoted in the preceding paragraph.

33. The grant from Imperial Funds for "Tools and Plant"—Part V. of the Budget—is Rupees 1,50,000, which is the same as the provision in the current year's estimate. The distribution of this amount is as follows:—

	RS.
Ordinary	80,000
Extraordinary	50,000
Total...	1,50,000

34. Adding to this allotment the appropriations of Rupees 22,900 and 1,000 from District Road and Port Funds, respectively, the total of Part V. of the Budget is increased to Rupees 1,73,900.

35. The amount available from all sources to defray charges on account of Tools and Plant to be incurred in India is Rupees 93,900, deducting from which Rupees 20,000 specially chargeable to the Extraordinary Agricultural allotment, there remains a balance of Rupees 73,900, which His Excellency the Governor in Council resolves to appropriate as follows:—

Districts or Departments.	SUPPLIES.							Repairs and carriage from place to place.	Grand Total.
	Surveying and Mathematical Instruments.	Machinery.	Plant.	Tools.	Office furniture.	Camp Equipage.	Live Stock.			Total.
	RS.	RS.	RS.		RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	District Road 200 Port Fund 530	...	...	...	800	990
Vizagapatam ...	...	...	...	District Road 200 Port Fund 770	...	...	...	970	1,070
Godavery ...	...	...	...	District Road 400 Port Fund 3,000	...	...	...	3,600	3,800
Kistna ...	...	...	...	District Road 500 Port Fund 4,910	...	150	...	5,560	6,460
Nellore ...	...	...	...	District Road 870 Port Fund 300	...	...	...	1,370	1,870
Cuddapah ...	...	...	...	District Road 660 Port Fund 200	...	...	...	960	1,160
Kurnool ...	...	...	...	District Road 1,180 Port Fund 300	...	...	...	1,380	1,580
Bellary ...	...	...	...	District Road 1,550	...	...	...	1,850	2,050
Presidency ...	...	...	...		...	...	...	...	100
Chingleput ...	...	...	250	District Road 500 Port Fund 150	100	120	...	1,120	1,620
North Arcot ...	...	...	150	District Road 300 Port Fund 1,370	75	...	...	1,895	2,045
South Arcot ...	...	...	60	District Road 500 Port Fund 840	150	150	...	1,700	1,900
Salem ...	...	...	...	District Road 400 Port Fund 20	100	...	...	520	720
Bangalore ...	...	...	...		...	...	...	...	25
Tanjore ...	...	...	...	District Road 200 Port Fund 2,050	300	200	...	2,980	3,780

Trichinopoly ...	...	...	...	District Road ...	500 } 550 }	20	130	...	1,200	300	1,500
Coimbatore ...	...	...	...	District Road ...	1,000 } 880 }	50	79	...	2,000	700	2,700
Nilgcherries ...	...	...	...	District Road ...	500 } 80 }	...	...	...	1,180	600	1,780
Malabar ...	...	...	...	District Road ...	200 } 960 }	...	...	...	1,370	300	1,670
Wynaad ...	...	...	...	Port Fund ...	210 } 300 }	...	...	...	350	400	750
South Canara...	...	...	...	District Road ...	50 } 300 }	...	...	...	1,290	700	1,990
Madura ...	...	...	...	District Road ...	290 } 200 }	50	100	...	1,740	400	2,140
Tinnevely ...	...	...	...	Port Fund ...	200 } 200 }	...	...	...	1,600	600	2,200
Total...	...	...	...	District Road ...	300 } 1,300 }	845	920	...	35,525	8,375	43,900
General Superintendent of the Public Works Store Department ...	2,500	2,500	...	District Road ...	5,000 }	...	...	...	10,000	20,000	30,000
Grand Total...	...	...	...	.....	.....	...	...	...	...	...	73,900

Districts or Departments.	SUPPLIES.								Grand Total.
	Surveying and Mathematical Instruments.	Machinery.	Plant.	Tools.	Office furniture.	Camp Equipage.	Live Stock.	Total.		Repairs and carriage from place to place.
	RS.	RS.	RS.		RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	District Road Port Fund } 200 ... } 530 ... } 160	...	...	...	890	100
Vizagapatam ...	...	...	...	District Road ... } 200 ... } 770 ... } 400	...	...	...	970	100
Godavery ...	...	...	...	District Road Port Fund } 3,000 ... } 200 ... } 500	...	...	...	3,600	200
Kistna ...	...	...	...	District Road .. } 4,910 ... } 500 ... } 870	...	150	...	5,560	900
Nellore ...	...	...	...	District Road ... } 300 ... } 660 ... } 200	...	...	...	1,370	500
Cuddapah ...	...	...	...	District Road ... } 1,180 ... } 300 ... } 1,550	...	...	...	960	200
Kurnool ...	...	...	...	District Road ... } 500 ... } 150 ... } 300	...	...	...	1,380	200
Bellary Presidency ...	...	...	...	District Road ... } 1,370 ... } 840 ... } 400	...	...	...	1,850	200
Chingleput ...	...	...	...	District Road ... } 20 ... } 200 ... } 2,050	...	...	...	...	100
North Arcot ...	...	...	250	District Road ... } 200 ... } 230 ... } 200	...	120	...	1,150	500
South Arcot ...	...	...	150	District Road ... } 200 ... } 230 ... } 200	...	...	...	1,895	150
Salem ...	...	...	60	District Road ... } 200 ... } 230 ... } 200	...	150	...	1,700	200
Bangalore ...	...	...	...	District Road ... } 200 ... } 230 ... } 200	...	100	...	520	200
Tanjore ...	...	...	...	District Road Port Fund } 200 ... } 2,050 ... } 230	...	...	...	...	25
	...	...	...		300	200	...	2,980	800

Trichinopoly ...	...	...	...	...	...	500 } 550 }	20	130	...	1,200	300	1,500
Coimbatore ...	...	...	...	...	...	1,000 } 880 }	50	79	...	2,000	700	2,700
Neilgherries ...	...	...	...	...	...	500 } 80 }	...	...	...	1,180	600	1,780
Malabar ...	...	...	...	...	...	200 } 960 }	...	...	...	1,370	300	1,670
Wynaad ...	...	...	...	...	...	210 } 300 }	...	...	...	350	400	750
South Canara...	...	...	...	...	...	50 } 300 }	...	...	...	1,290	700	1,990
Madura ...	...	...	...	...	...	290 } 200 }	50	100	...	1,740	400	2,140
Tinnevely ...	...	...	...	...	...	200 } 890 }	...	...	...	1,600	600	2,200
	...	...	...	...	...	300 }	...	...	...			
	...	...	...	...	...	1,300 }	...	...	...			
Total...	...	...	...	...	...	31,700	845	920	...	35,525	8,375	43,900
General Superintendent of the Public Works Store Department ...	2,500	2,500	...	...	...	5,000	...	...	...	10,000	20,000	30,000
Grand Total...	...	...	...	...	...		...	...	...	...	...	73,900

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*Proceedings of the Madras Government, Public Works Department,
15th December 1870.*

36. As regards the provision of Rupees 20,000 for Tools and Plant from borrowed capital, the Government desire it to be distinctly understood that no charges under this head can be incurred in 1871-72 until the detailed estimates of the requirements of each district shall have been sanctioned by the Government of India. The Superintending Engineers will accordingly submit such estimates of the Tools and Plant as will be required for each work in the undermentioned Districts with as little delay as practicable:—

Ganjam.	South Arcot.
Godavery.	Tanjore.
Kistna.	Madura.
Nellore.	Tinnevely.
Chingleput.	

37. The Controller will understand that he has no option but to disallow all charges against the Extraordinary grant that are not covered by estimates duly sanctioned by the Government of India, and he will specially report the name of any Officer who may incur expenditure in contravention of these orders.

38. The provision of Rupees 30,000 for Tools and Plant against the General Superintendent of Public Works Stores will be understood to include printing charges appertaining to this department, which, under G. Os., Nos. 2,394 and 2,472, dated 4th and 15th October 1870, respectively, have to be met from the Public Works grant.

39. The Government are desirous of having before them a Statement of the probable debits to the Public Works Department on account of printing charges in the current year, and they accordingly request that the needful information may be at once supplied by the Controller of Public Works Accounts, who will report from what source this item of charge can be defrayed.

40. The amounts for which the Budgets of State Expenditure on Railways and in connection with the works of the Madras Irrigation and Canal Company have been passed in the Proceedings marginally noted are Rupees 2,72,000 and Rupees 55,800, respectively. The details are as follow:—

Guaranteed Companies.	For Land.	For Establishments.	Total.
	RS.	RS.	RS.
Railway Companies	1,91,600	80,400	2,72,000
Madras Irrigation and Canal Company	20,000	35,800	55,800
Total...	2,11,600	1,16,200	3,27,800

41. The Budgets of works proposed for execution from the Road Fund of each district has been separately disposed of in the Revenue Department. Such of the works entered in these Budgets as are to be undertaken by Civil Officers will appear in detail in the separate Local Fund Budget which will be issued by Government in February next. The remaining works must, under the Rules, be entered in the regular Budget of the Public Works Department, at the credit of

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which department the following sums will be placed on the 1st April next from the various Local Funds of this Presidency:—

Funds.	New Works.	Repairs.	Establishments.	Tools and Plant.	Total.
	RS.	RS.	RS.	RS.	RS.
District Road, etc....	12,76,530	7,13,390	3,17,630	22,900	23,30,500
East Coast Canal	...	12,200	3,720	...	15,920
Educational	11,500	5,200	1,670	...	18,370
Port... ..	92,430	7,420	9,990	1,000	1,10,840
Total...	13,80,510	7,38,210	3,33,010	23,900	24,75,630

42. The total outlay under all heads and from all sources by Public Works Officers during the ensuing official year is estimated at Rupees 99,67,630, and is classified as follows:—

Items.	MILITARY.		CIVIL BUILDINGS.		AGRICULTURAL ORDINARY.		AGRICULTURAL EXTRAORDINARY.		COMMUNICATIONS.		MISCELLANEOUS PUBLIC IMPROVEMENT.		Total Imperial.	Total Local.	Grand Total.
	Imperial.	Local Funds.	Imperial.	Local Funds.	Imperial.	Local Funds.	Imperial.	Local Funds.	Imperial.	Local Funds.	Imperial.	Local Funds.	ES.	ES.	ES.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Part II.—New Works ...	2,30,000	...	3,38,500	11,500	1,19,200	...	15,75,000	...	2,20,000	12,30,410	18,000	82,900	25,00,700	13,24,840	38,25,540
Grant for Minor Works ...	50,000	...	50,000	...	1,75,000	...	...	...	50,000	41,940	6,500	13,730	3,31,500	55,670	3,87,170
Part III.—Repairs ...	2,20,000	...	1,14,000	5,200	12,00,000	...	...	...	9,55,300	7,13,210	15,000	19,770	25,04,300	7,38,210	32,42,510
Total for New Works and Repairs...	5,00,000	...	5,02,500	16,700	14,94,200	...	15,75,000	...	12,25,300	19,85,620	39,500	1,16,400	53,36,500	21,18,730	74,55,230
Part IV.—Establishments ...	...	...	...	...	...	...	...	...	...	...	...	...	16,77,700	3,33,010	20,10,710
Part V.—Tools and Plant...	...	...	...	...	...	...	...	...	...	...	...	...	1,50,000	23,900	1,73,900
Part VI.—Madras Irriga- tion and Canal Company	...	...	...	...	...	...	...	...	...	...	...	...	55,800	...	55,800
—State Outlay ...	...	...	...	...	...	...	...	...	...	...	...	...	2,72,000	...	2,72,000
Do. Railways—State Outlay ...	...	...	...	...	...	...	...	...	...	...	...	...	74,92,000	24,75,630	99,67,630
Grand Total...	5,00,000	...	5,02,500	16,700	14,94,200	...	15,75,000	...	12,25,300	19,85,620	39,500	1,16,400	74,92,000	24,75,630	99,67,630

NEW WORKS.

43. On examining the lists of New Works, Imperial, for which funds are allotted in the outgoing Budget, the Government observe that the estimates for those noted below have not yet been sanctioned:—

MILITARY.

- (1.) *Bangalore*.—Buildings to accommodate an additional Regiment of Native Infantry.
- (2.) *Do.*—Drinking Water scheme from the Ulsoor Tank and Dhobies' Wells. Revised.
- (3.) *Do.*—Quarters for Hospital Serjeants attached to pavilion already built on the Race Course.
- (4.) *Do.*—School-room for adults. Infantry.

CIVIL BUILDINGS.

- (5.) *Presidency*.—Lunatic Asylum. (Supplemental.)
- (6.) *North Arcot*.—Vellore Central Jail. (Supplemental.)
- (7.) *Madura*.—Preservation of Terommalay Naick's Palace.

COMMUNICATIONS.

- (8.) *Vizagapatam*.—Constructing roads and clearing jungle in the Joypore country.

AGRICULTURAL, EXTRAORDINARY.

- (9.) *Ganjam*.—Rooshkoolia Project.
- (10.) *Godavery*.—Western Delta Project.
- (11.) *Do.*—Eastern Delta do.
- (12.) *Kistna*.—Extension of the Commiamoor Channel. (Revised.)
- (13.) *Do.*—Widening the head of the Masulipatam Canal. (Revised.)
- (14.) *Chingleput*.—Madras Water Supply Project. (Revised.)
- (15.) *Tanjore*.—Cauvery and Vennaur Head Works.
- (16.) *Madura*.—Perryaur Project.

44. The estimate for the fifth work is now before the Government of India, and that for the sixth should be at once submitted.

45. As regards the second, third and fourth items, the two latter of which have been proposed by His Excellency the Commander-in-Chief, the Government of India will be specially requested to allow the provision in each case to stand, on the distinct understanding that no expenditure shall be incurred till the plans and estimates of the proposed works have received the sanction of the Right Honourable the Governor-General in Council.

46. With respect to Item seven it will be explained to the Government of India that a distinct estimate has been sanctioned for the work to be undertaken from the current year's grant of Rupees 10,000, and that the same course will be followed before outlay is permitted to be incurred from future annual allotments.

47. Adopting the policy of concentrating troops in large Military stations, His Excellency in Council has resolved upon locating another Regiment of Native Infantry at Bangalore. With a view to carrying out this arrangement Rupees 40,000 have been allotted for a commencement being made with the requisite buildings—Item one. No outlay should however be incurred till the plans and estimates have received the sanction of the Governor-General in Council, to whom they will have to be submitted in accordance with paragraph 56, Section I., Chapter XVI, of the Code of the Government of India.

48. In their orders on the current year's Budget, the Government of India observed that some limit of expenditure should be placed on the officer concerned in regard to each item of work to be undertaken from the grant for the construction of roads and clearing of jungle in the Jeypore country (Item No. eight above). This was referred for the opinion of the Superintending Engineer of the 1st Division, who now reports that the preparation of surveys and estimates for the road to connect Jeypore with the Vizagapatam District, by the Pachipentah Ghaut, on which the Budget allotment of Rupees 10,000 is proposed to be expended, cannot be undertaken till the hot weather sets in, the country being too feverish to admit of any survey party proceeding there at this time of the year. Major Fischer will take measures for obtaining and submitting the required estimate before permitting expenditure to be incurred in 1871-72.

49. In pursuance of the orders communicated in paragraph 4 of the Circular of the Government of India of the 14th October 1869, No. 90, a separate report will be made to that Government with reference to the Extraordinary Agricultural Works which appear in the outgoing Budget without sanctioned estimates, original, supplemental, or revised.

50. In paragraph 23 of their orders* on the current year's Public Works Budget, the Government of India, in drawing attention to the circumstance of several of the Local Fund works on which outlay was proposed having no sanctioned estimates, observed that it appeared just as objectionable to allow this in the case of Local Funds as in the case of Imperial, and expressed a hope that this Government would take steps for stopping the practice. Subsequently, the Controller of Public Works Accounts suggested that the orders of the Government of India, No. 90, dated 14th October 1869, under which no appropriations can be made in the Budget to Imperial works, the estimates for which have not previously been sanctioned by competent authority, be declared applicable to Local Fund works of all classes. This suggestion was referred to the Revenue Department in paragraph 7 of Public Works Proceedings of the 12th July 1870, No. 1,674, and the attention of that department will now again be drawn to the subject, with reference to the large number of unsanctioned Local Fund works which are entered in the Board's General Budget for 1871-72. These remarks apply equally to the Port and Educational Fund Budgets, and the subject will accordingly receive consideration in the Educational and Marine Departments.

REPAIRS.

51. Superintending Engineers are requested, in all future Budgets, Part III., to note the mileage of each Imperial road for which a maintenance grant has been sanctioned, or is proposed for the first time. The reply of the Acting Superintending Engineer of the 1st Division, to G. O., No. 2,683, dated 9th ultimo, having been received after the Budget was closed, the amount (Rupees 2,615) allotted in Part III for repairs to timber bridges in Ganjam will be disposed of by Government after the 1st April next.

52. Separate provision will be found in Part III. of the outgoing Budget under "Military" and "Civil Buildings" for charges on account of house-rent and compensation for inferior quarters. The Government desire it to be distinctly understood that Superintending Engineers have no authority to appropriate these grants to any other purpose than that for which they have been specifically allotted

53. Looking to the demands* for repairs to Civil Buildings made for the various districts, and comparing those demands with the actuals† of the four past years, the Government are not only disposed to regard the applications of the Superintending Engineers under this head as excessive, but are inclined to the belief that some reduction is possible in the assignments for 1871-72. The Superintending Engineers will accordingly be requested carefully to scrutinize the details of past expenditure, and, with the aid of the information thus obtained, to report to Government the smallest sum which, in their opinion, will suffice to meet the ordinary requirements of each district. In this estimate, charges on account of rent and compensation for inferior quarters should be excluded, and care should be taken to see that the amount applied for in each District is no more than can be readily and advantageously utilized by the officers of the department.

*Rs. 1,25,970 in the aggregate, exclusive of rents.

	Rs.
†1866-67	96,920
1867-68	1,01,434
1868-69	84,073
1869-70	1,04,081

Note.—The expenditure in the year 1869-70 includes an outlay of Rupees 25,852 on special repairs to Government House, Madras.

54. The funds that will be at the disposal of the Local Public Works Officers for expenditure on the 1st April next are noted below:—

Districts.	Original Works Major, Imperial and Local.	Minor Works, Imperial, estimated at less than 500 Rupees each.	Minor Works, Local, estimated at less than Rupees 2,500 each as detailed in separate statement.	Repairs, Imperial and Local.	Tools and Plant, Imperial and Local.	Total.
Ganjam	87,400	2,000	2,280	96,418	990	1,89,088
Vizagapatam	1,05,830	1,800	...	72,264	1,070	1,80,964
Godavery	7,99,050	7,400	4,000	2,22,785	3,800	10,37,035
Kistna	3,84,430	6,000	4,270	1,55,050	6,460	5,56,210
Nellore	1,92,440	5,900	1,200	1,26,362	1,870	3,27,772
Cuddapah	11,000	5,000	...	1,79,280	1,160	1,96,440
Kurnool	1,01,800	3,400	...	72,287	1,580	1,79,067
Bellary	1,82,020	8,000	...	2,06,925	2,050	3,98,995
Presidency	68,000	4,800	...	1,22,000	100	1,94,900
Chingleput	2,50,240	7,400	...	2,37,871	1,620	4,97,131
North Arcot	1,14,600	7,200	17,500	2,17,800	2,045	3,58,735
South Arcot	1,49,750	6,800	...	2,44,797	1,900	4,03,247
Salem	15,040	2,800	...	87,520	720	1,06,080
Bangalore	87,360	3,500	...	43,945	25	1,34,830
Tanjore	4,11,390	11,200	...	2,74,778	3,780	7,01,148
Trichinopoly	40,840	5,700	...	1,57,603	1,500	2,05,643
Coimbatore	15,900	4,100	...	1,62,470	2,700	1,85,170
Neilgherries	53,200	2,050	...	45,120	1,780	1,02,150
Malabar	1,50,740	3,850	17,710	1,21,070	1,670	2,95,040
Wynaad	83,800	500	...	49,950	750	1,35,000
South Canara	30,360	1,100	7,010	52,373	1,990	92,835
Madura	2,24,900	4,000	...	1,08,180	2,140	3,39,220
Tinnevely	2,65,450	9,000	1,700	1,86,070	2,200	4,64,420
General Superintendent of the Public Works Store Department	...	...	...	...	30,000	30,000
Total...	38,25,540	1,13,500	55,670	32,42,510	73,900	73,11,120

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15th December 1870.*

55. The following is a statement of the estimated outlay from guaranteed and loan capital:—

	RS.
Madras Railway	27,04,000
Great Southern of India Railway	20,70,300
Carnatic Railway	9,03,000
Madras Irrigation Canal Company	3,94,336
	<u>60,71,636</u>

Deduct—

Madras Railway—estimated receipts from sale of stores, etc., to be credited to Capital	13,20,000
Great Southern of India, do. do.	1,90,000
Canatic Railway, do. do.	2,50,000
Madras Irrigation and Canal Company, do. do.	5,000
	<u>17,74,000</u>
	42,97,636

56. With these remarks, the Public Works Budget for the ensuing year will be forwarded to the Government of India.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

- To the Chief Engineer for Irrigation.
- To Superintending Engineers.
- .. Major R. B. Kennedy.
- To the Controller of Public Works Accounts.
- .. Consulting Engineer for Railways.
- .. Do. do. for the Madras Irrigation and Canal Company.
- .. General Superintendent of Public Works Stores and Workshops.
- To Mr. R. Smith, Executive Engineer on special duty.
- To the Public, etc., Departments.
- .. Revenue Department.
- .. Military do.
- .. Board of Revenue.
- .. Master Attendant.
- .. Director of Public Instruction.
- .. Inspector-General of Police.
- .. Accountant-General.

Exd. E. C. Slunker.

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1/11/71

7 Dec 1870. 12-11-70
20 April 1870. 22-1-70
15 Aug 1870. 24-8-70

Gobi. of 1870 Madras.

PUBLIC WORKS.

THE CHIEF ENGINEER FOR IRRIGATION.

&c. &c. &c.

Dated December, 15th.

Recd. 2/21/71 Encl.

G. O., 15th December 1870, No. 3,044.

DECEMBER.

Nos. 302-323

5 Dec 1870 30 July 1871

Public Works Budget for 1871-72.
Passing orders on the Public Works
Budget of the Madras Presidency for the
year 1871-72.

Recorded

16 July 1871

Revenue Department
No. 134.

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 20th January 1871.

Read the following. Proceedings of

Govt. P.W. Dept.:-

Passing orders on the Public
Works Budget of the Madras
Presidency for the year 1871-72

H.E. 15 Decr 1870, No 3044

J. D. S.

The attention of the
Board of Revenue will be
called to the remarks, con-
tained in para 50 of the
above G. O. as to the entry
in the District Road Fund
Budget of numerous un-
sanctioned works, with
reference to the G. O. No 1255

dated

dated 15th August 1870 in
this department.

2. The reason assigned
by the Govt of India in
their Circular Order, dated
14th Oct. 1869, No 90 P.W.D.
(Account) for prohibiting
similar entrees in the
Imperial budget was that
the practice had been
found to result in the
non-application of large
sums to the purposes
originally intended and
their transfer to increase
the appropriation for other
works, whereby the Budget
estimate ceased to be
reliable

reliable indication of the
actual course of expendi-
ture.

3. It is to be observed
that this argument does
not apply with equal
force to the District Road
Fund of this Presidency,
the appropriations from
which cannot as in the
case of Imperial funds,
be transferred from one
kind of work to another,
as for instance from
Roads to Building, or
Ordinary irrigation works.
Not only is the course
which expenditure must
take

Supd. Secy

take, prescribed by the law,
but also the locality in
which it must take place,
for funds cannot be
transferred from one
district to another.

4. Moreover, unexpended
funds do not lapse at
the end of the year as
in the case of Imperial
grants, but merely go
to swell the available
fund for future re-
quirements, so that if
the full amounts re-
quired for all sanctioned
works, or capable of
being usefully spent
on

on them in the year, are when
assigned to them, the ¹¹⁹ anti- the
-patory distribution of the
surplus among unsanctioned
projects although no expendi-
ture can actually be made
on them until estimates are
sanctioned, is not so open to
objection as it is in the case
of Imperial funds.

5. It is also to be remem-
bered that it is not yet the
case in regard to District
Roads, that sanctioned works
are perforce held in abeyance
for want of funds which
have been appropriated for
unsanctioned works, or assigned
in excess of the practical
requirements of the year
to

to works in progress. It may
safely be ¹²⁰assumed, as a rule
at present that when any
portion of a District Road
fund is assigned by ante-
-cipation for future expendi-
-ture on an as yet unsanctioned
project, then all sanctioned
works in the range within
which alone the money can
legally be expended, have
been fully provided with
funds for the year's expendi-
-ture, and the surplus so
assigned by anticipation,
cannot be otherwise employed.

6. The Govt. however,
admit that the extensive
assignment of funds for
unsanctioned

unsanctioned works, even when
it does not tend to delay the
execution of sanctioned works,
¹²¹
is likely to prove mischievous
by inducing a false idea of
the progress of the District
concerned, and by rendering
uncertain the arrangements
of the executive department.
It may also even tend to
hinder the speedy preparation
of estimates.

7. The Budget has to
be prepared so long before
the commencement of the
working season, and the
number of unsanctioned
projects is so large, and
that of sanctioned works

in

in progress is comparatively
small, that the Govt knowing
the objections that exist to
supplemental budgets, are
unwilling absolutely to exclude
all unsanctioned projects
from the regular Budget.
They, however, desire that the
Board will impress on collectors
the very great importance
of their obtaining from the
I. W. Department the neces-
sary detailed estimates for
proposed works with the
least possible delay, and
that they are to abstain
from including in their
Road Fund budgets any
unsanctioned project,
the

the estimate for which is not
likely to be submitted to
Govt for sanction within
¹²³
^{4 months}
the first ~~quarter~~, at latest,
of the year to which the
Budget relates. J. D.

14 Told Mr. Cusworth & Co. P. & S. No. 2144. Dec 21
21 ——— Mr. Deane

b5
—

1/10
Entry of business
Kinnell & Co. in
Substituted Bank
Fund & Co. 1/10

1/10
New York

1/10
New York