M.R.O. 1—77,006—8-6-37.

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MADRAS RECORD OFFICE.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

G.O. No. 3950 & 3951 Press / Mis.
435—458
Dated 20-12— 1867.

Not to be folded or roughly handled

Read the following papers :—

No. 435. From the Superintending Engineer, 1st Division.
Do. do. do. | (Here enter 24th September 1867, No. 139.)

No. 436. From the Superintending Engineer, 2nd Division.
Do. do. do. | (Here enter 21th September 1867, No. 93.)

No. 437. From the Superintending Engineer, 3rd Division.
Do. do. do. | (Here enter 5th October 1867, No. 1,826.)

No. 438. From the Superintending Engineer, 4th Division.
Do. do. do. | (Here enter 28th September 1867, No. 3,123.)

No. 439. From the Superintending Engineer, 5th Division.
Do. do. do. | (Here enter 8th October 1867, No. 138.)

No. 440. From the Superintending Engineer, 5th Division.
Do. do. do. | (Here enter 12th October 1867, No. 144.)

No. 441. From the Superintending Engineer, 5th Division.
Do. do. do. | (Here enter 14th October 1867, No. 145.)

No. 442. From the Superintending Engineer, 5th Division.
Do. do. do. | (Here enter 16th October 1867, No. 148.)

No. 443. From the Superintending Engineer, 6th Division.
Do. do. do. | (Here enter 11th October 1867, No. 1,012.)

No. 444. From the Superintending Engineer, 7th Division.
Do. do. do. | (Here enter 1st October 1867, No. 107.)

No. 445. From the Executive Engineer, Wynaad.
Do. do. do. | (Here enter 10th October 1867, No. 458.)

No. 446. From the Executive Engineer, Wynaad.
Do. do. do. | (Here enter 15th October 1867, No. — .)

No. 447. From the Superintending Engineer, 8th Division.
Do. do. do. | (Here enter 15th October 1867, No. 1,331.)

No. 448. From the Controller of Public Works Accounts.
Do. do. do. | (Here enter 7th November 1867, No. 3,066.)

No 449. From the Controller of Public Works Accounts.
Do. do. do. | (Here enter 26th November 1867, No. 3,301.)

No. 450. From the General Superintendent, Public Works Stores and Workshops.
Do. do. do. | (Here enter 26th November 1867, No. 1,119.)

No. 451. From the Consulting Engineer, Irrigation and Canal Company.
Do. do. do. | (Here enter 14th October 1867, No. 97.)

No. 452. From the Inspector General of Police.
Do. do. do. | (Here enter 2nd October 1867, No. 1,759.)

No. 453. From the Municipal Commissioners.
Do. do. do. | (Here enter 5th September 1867, No. —.)

No. 454. From the Subsidiary Jail Committee, Madras.
Do. do. do. | (Here enter 25th November 1867, No. 43.)

No. 455. From the Subsidiary Jail Committee, Madras.
Do. do. do. | (Here enter 29th November 1867, No. 49.)

Read again letter from the Director of Public Instruction, No. 2,230, dated 18th November 1867, and recorded in G. O. No. 3,600, dated 21st November 1867.

No. 456. From the Board of Revenue.
Do. do. do. | (Here enter 11th December 1867, No. 3,362.)
Do. do. do. | (do. 10th December 1867, No. 7,973.)
Do. do, do. | (do. 13th December 1867, No. —.)

No. 457. ORDER THEREON, 20th December 1867, No. 3,950.

ACCOUNT, No. 39.

1. The Governor in Council proceeds to pass orders on the Budgets of works which are proposed to be undertaken from Imperial and Local Funds by Officers of the Public Works Department during the year 1868-69.

2. The annexed abstract, which includes a reserve of Rupees 5,30,000, shows that the demands for "New Works" and "Repairs" amount in the aggregate to Rupees 92,83,258, being Rupees 23,09,498 in excess of the funds* at the disposal of Government under those heads.

*Rupees 69,73,760.

	Military.	Civil Buildings.	Agricultural.	Communications.	Miscellaneous Public Improvement.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.
New Works above 2,500 Rupees ...	14,30,854	12,69,188	19,85,334	15,39,720	32,500	62,57,596
Reserve for Minor New Works, estimated at Rs. 500, and under ...	26,450	20,200	87,700	26,650	1,000	1,62,000
Reserve for unforeseen and other works	83,550	1,04,800	1,12,300	63,350	4,000	3,68,000
Repairs	1,82,630	1,17,310	10,77,350	10,86,807	31,565	24,95,662
Total ...	17,23,484	15,11,498	32,62,684	27,16,527	69,065	92,83,258

† See G. O. No. 3,546, dated 16th Nov. 1867.

3. The Imperial† grant for this Presidency, irrespective of State outlay on guaranteed Railways, has been fixed by the Government of India at 89 lacs of Rupees, and the following conditions in regard to its appropriation have been prescribed:—

I. That the allotment for "*Military works*" shall be considered to be fixed, so far that it is not available for increasing other assignments.

II. That, in like manner, the grant of 15 lacs for "*Agricultural works*" under the heading "*Extraordinary*" shall not be diverted from that purpose, but may be increased from the amount allotted for "*Ordinary Agricultural works.*"

III. That the grant of 15 lacs for "*Ordinary Agricultural works*" shall only be available for the specific objects for which it has been made, including State outlay on guaranteed Irrigation works, and for "*Extraordinary Agricultural works.*"

IV. That such portions of the sums set apart for "*Tools and Plant*" and for "*Establishments*" as are debitable to "*Extraordinary Agricultural works*" shall form a charge against the special allotment of Rupees 15 lacs under that head.

V. That, after deducting the grants for Military and Agricultural works, the balance of the assignment of 89 lacs shall include provision for Establishments and Tools and Plant not chargeable to Extraordinary Agricultural works, and for "Communications," "Civil Buildings," "Miscellaneous Public Improvements," and a special allotment of 3 lacs for the great northern road from Madras to the Bengal Frontier.

VI. That the grant for State expenditure on guaranteed Railways shall be in addition to the allotment of 89 lacs for Public Works.

‡See G. O. No. 3,452, dated 6th November 1867.

4. The total amount which has been passed‡ as the State outlay on guaranteed Railways for the ensuing year is, in round numbers, Rupees 1,09,400, and if to this be added the Imperial allotment of 89 lacs for Public Works, the entire available funds will amount to Rupees 90,09,400, which the Government resolve to appropriate as follows:—

Proceedings of the Madras Government, Public Works Department
20th December 1867.

Main Heads of Service.	Minor Heads.	Works not commenced.		Incomplete works.		Total of two previous columns.		Reserve.	Grand Total.
		Number.	Amount allotted.	Number.	Amount allotted.	Number.	Amount allotted.		
			RS.		RS.		RS.	RS.	RS.
New Works	Military	48	4,00,000	18	5,20,000	66	9,20,000	1,10,000	10,30,000
	Civil Buildings	20	2,17,100	31	4,79,100	51	6,96,260	1,25,000	8,21,260
	Agricultural... ...	24	5,37,900	37	8,25,100	61	13,63,000	2,00,000	15,63,000
	Communications ...	12	98,850	52	9,06,650	64	10,05,500	90,000	10,95,500
	Miscellaneous Public Improvement	...	.....	2	9,000	2	9,000	5,000	14,000
		104	12,53,850	140	27,39,910	244	39,93,760	5,30,000	45,23,760
Repairs	Military	...	.....	...	.....	...	.....	.....	1,70,000
	Civil Buildings	...	.....	...	.....	...	.....	.....	1,10,000
	Agricultural... ...	...	.....	...	.....	...	.....	.....	10,75,000
	Communications	...	.....	...	.....	...	.....	.....	10,65,000
	Miscellaneous Public Improvement	...	.....	...	.....	...	.....	.....	30,000
		...	.....	...	.....	...	.....	.....	21,50,000
Establishments, exclusive of proportion debitable to Local Funds.	... ...	...	.....	...	.....	...	.....	.....	17,14,240
Tools and Plant... ...	... ...	...	.....	...	.....	...	.....	.....	1,50,000
State outlay in connection with the Madras Irrigation and Canal Company	... ...	...	.....	...	.....	...	.....	.....	62,000
Do. on Railways	... ...	...	.....	...	.....	...	.....	.....	1,09,400
									90,09,400

5. Taking into account the sums* originally provided in the Civil estimates of the current official year for the conservancy of irrigation works in the Districts of Vizagapatam, Nellore, Madras, North Arcot, and Tanjore, and transferred to the credit of the Public Works Department under the orders of the Government of India recorded in G. O. No. 3,450, dated 6th November 1867, the Public Works grant† for the ensuing year exceeds the aggregate of that for 1867-68 by Rupees 4,11,000, as shown in the annexed comparative statement:—

* Rupees 3,75,000 for Works.
,, 14,000 for Establishments.
Total ,, 3,89,000

† Exclusive of State outlay on Railways.

Heads.		For 1867-68.	For 1868-69.	Less.	More.
		Rs.	Rs.	Rs.	Rs.
New Works	Military	9,40,000	9,20,000	20,000	...
	Civil Buildings	6,44,000	6,96,260	...	52,260
	Agricultural	13,00,000	13,63,000	...	63,000
	Communications	5,95,000	10,05,500	...	4,10,500
	Miscellaneous Public Improvement	25,000	9,000	16,000	...
	Reserve	4,80,000	5,30,000	...	50,000
Repairs	Military	1,55,000	1,70,000	...	15,000
	Civil Buildings	1,02,000	1,10,000	...	8,000
	Agricultural	10,75,000	10,75,000	...	...
	Communications	11,28,000	10,65,000	63,000	...
	Miscellaneous Public Improvement	24,000	30,000	...	6,000
Establishments, inclusive of Rupees 2¼ lacs to be charged to the grant for extraordinary Agricultural works, and exclusive of the proportion debitable to Local Funds.		18,20,000	17,14,240	1,05,760	...
Tools and Plant		1,59,000	1,50,000	9,000	...
State outlay in connection with the Madras Irrigation and Canal Company		42,000	62,000	...	20,000
	Total	84,89,000	89,00,000	2,13,760	6,24,760
	Net excess	...	...	...	4,11,000

† Exclusive of Minor Works Grant.

6. Viewed as a whole, the provision† for "*Major Works*," Imperial, for 1868-69 is in excess of the current year's appropriations under that head of service by Rupees 4,89,760.

The items of increase and decrease are noted below:—

Heads.		For 1867-68.	For 1868-69.	Less.	More.
		Rs.	Rs.	Rs.	Rs.
Military	Accommodation for Troops	6,06,842	6,40,740	...	33,898
	Ordnance	75,900	35,000	40,900	...
	Commissariat	78,158	39,450	38,708	...
	Staff	1,79,100	2,04,810	...	25,710
	Total	9,40,000	9,20,000	79,608	59,608

Heads.		For 1867-68.	For 1868-69.	Less.	More.
		Rs.	Rs.	Rs.	Rs.
Civil Buildings.	Jails	4,32,356	5,10,360	,,	78,004
	Collectors' and Talook Cutcherries	99,000	38,000	61,000	,,
	Court Houses	41,848	4,500	37,348	,,
	Ecclesiastical Buildings	2,000	,,	2,000	,,
	Police Buildings	31,674	34,400	,,	2,726
	Salt do.	222	,,	222	,,
	General do.	36,900	1,09,000	,,	72,100
	Total	6,44,000	6,96,260	1,00,570	1,52,830
Agricultural.	Irrigation Canals	11,38,396	13,02,180	,,	1,63,784
	Tanks	90,048	45,720	44,328	,,
	Dykes	13,297	5,000	8,297	,,
	Drainages	58,259	10,100	48,159	,,
	Total	13,00,000	13,63,000	1,00,784	1,63,784
Communications.	Roads	4,35,750	7,68,850	,,	3,33,100
	Bridges	99,250	1,60,650	,,	61,400
	Navigable Canals	60,000	76,000	,,	16,000
	Total	5,95,000	10,05,500	,,	4,10,500
Miscellaneous Public Improvement.	Municipal	12,650	,,	12,650	,,
	Ports and Harbours	12,350	9,000	3,350	,,
	Total	25,000	9,000	16,000	,,
	Grant Total	35,04,000	39,93,760	2,96,962	7,86,722
	Net excess	....	...	...	4,89,760

7. Adverting to the Order of the 15th October 1867, No. 3,189, His Excellency in Council resolves to direct, subject to the approval of the Government of India, that the undermentioned appropriations be debited to the grant for "Extraordinary Agricultural works."

			Rs.
Godavery District.—		Godavery Delta Works	2,48,100
Kistna	do.	Kistna do.	2,53,800
Nellore	do.	Pennair Anicut Project	89,000
Madras	do.	Chembrambaukam Tank Project	1,20,000
Do.		Madras Water Supply Project	3,03,800
North Arcot	do.	Cheyaur Anicut Project	20,000
Tanjore	do.	Lower Coleroon Anicut works	43,400
Do.		Regulating works for the improvement of the river Cauvery	49,000
Trichinopoly	do.	Weyacondan Extension Project	14,800
Tinnevelly	do.	Streevigoontam Anicut Project	58,100
		For Works	12,00,000
		,, Tools and Plant	25,000
		,, Establishments	2,75,000
		Total	15,00,000

8. The "Reserve," or grant for Minor Works, has been fixed at Rupees 5,30,000, or Rupees 50,000 above the current year's allotment. This excess is owing to the assignment for Minor New Works estimated at Rupees 500 and under having been increased, on the urgent representations of the Superintending Engineers, from Rupees 1,12,000 to Rupees 1,62,000, which will now be distributed to the several districts in the following proportions:—

Districts.	Military.	Civil Buildings.	Agricultural.	Communications.	Miscellaneous Public Improvement.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam	200	500	3,000	1,000	...	4,700
Vizagapatam... ...	500	500	4,000	1,000	...	6,000
Godavery	500	1,000	6,000	1,000	...	8,500
Kistna	...	800	8,000	...	...	8,800
Nellore	1,000	500	9,500	1,500	...	11,500
Cuddapah	1,000	500	3,000	4,000	...	8,500
Kurnool	5,000	500	2,000	4,000	...	7,500
Bellary	4,000	3,000	3,000	4,000	...	12,500
Presidency	2,000	400	...	...	...	7,000
Madras	400	1,000	8,000	...	...	10,400
North Arcot... ...	...	600	8,000	...	...	9,400
South Arcot	150	400	8,000	400	...	9,000
Salem	5,000	1,000	3,200	250	...	4,000
Bangalore	...	2,000	...	...	...	6,000
Tanjore	1,500	500	7,500	1,500	...	11,000
Trichinopoly... ...	1,500	1,500	5,500	500	...	8,000
Coimbatore	2,000	1,500	1,500	1,500	500	6,500
Malabar	...	500	500	1,500	500	6,000
Wynaad	1,000	1,000	...	500	...	1,000
South Canara	...	1,000	...	2,000	...	4,000
Madura	700	1,000	3,500	1,000	...	5,500
Tinnevelly			3,500	1,000	...	6,200
Total ...	26,450	20,200	87,700	26,650	1,000	1,62,000

9. Deducting the above allotments from the Reserve of Rupees 5,30,000, the amount which will remain at the disposal of Government on the 1st April next for appropriation to unforeseen and other works will be Rupees 3,68,000.

10. Under the head "Repairs," the allotments for "Military," "Civil Buildings" and "Miscellaneous Public Improvement" are in excess of the current year's grants by Rupees 15,000, 8,000, and 6,000 respectively. The additional provision in each of these cases is stated to be required to enable Range Officers to meet demands for absolutely necessary repairs, for which the current year's appropriations are found to be inadequate. The assignment under "Agricultural" is the same as that for 1867-68, while the grant under "Communications" is less by Rupees 63,000 consequent on the transfer to Local Funds of the cost of maintaining various district roads which were heretofore kept in repair from the Imperial allotment. Taken as a whole, the grant for "Repairs" for 1868-69 falls short of that for 1867-68 by Rupees 34,000, and this result the Government regard as satisfactory.

11. The Budget of Establishments, as submitted by the Controller of Public Works Accounts, has been well prepared, is complete in all particulars, and calls for no remark. The provision under this head for the ensuing year is Rupees 18,74,000, which will be charged to Imperial and Local Funds in the proportions noted in the margin. The excess of Rupees 7,000 over the estimate* for the current official year is explained below:—

	RS.
Imperial, including 3,00,000 for extraordinary Agricultural works ...	17,14,240
District road, &c.	1,58,280
Educational building	1,480
Total ...	18,74,000

* Rupees 18,67,000.

Add.

	RS.	
For Chief Engineer for Irrigation and Joint Secretary to Government	26,000	
Additional provision for Supernumerary Covenanted Officers ..	4,300	
Pay proper of seconded Officers	7,300	
Additional provision for Petty Establishments	4,038	
Do. for Military allowances of Controller and for House-rent of Deputy Controller	5,688	
Do. for Conservancy Establishments	3,539	
		50,865

Deduct.

	RS.	
On account of reduction in the salary of Under Secretary to Government	2,400	
Saving by the absorption of one Superintending Engineer into the second Class	1,200	
Saving on the salaries of Talook Overseers, as compared with current year's estimate...	39,540	
On account of personal allowance to the late Superintendent of the Government Lithographic Press	600	
Excess provision in current year's Budget on account of the Public Works Store Department	117	
Saving on Travelling allowances under "Construction".	8	
		43,865
Net excess...		7,000

12. The sum set apart for "Tools and Plant" is Rupees 1,50,000, which the Government resolve to distribute as follows :—

Districts or Departments.	New Supplies.									
	Surveying and Mathematical Instruments.	Machinery.	Plant.	Tools.	Office furniture.	Camp Equipage.	Live Stock.	Total.	Repairs and carriage from place to place.	Grand Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam ...	...	...	...	200	...	...	...	200	800	1,000
Vizagapatam...	...	...	...	200	...	...	...	200	800	1,000
Godavery ...	...	...	...	500	...	...	...	500	3,000	3,500
Kistna ...	...	...	1,700	1,600	300	...	...	3,600	1,000	4,600
Nellore ...	...	...	200	400	...	...	...	600	400	1,000
Cuddapah ...	...	..	...	200	400	150	...	750	225	975
Kurnool ..	...	...	...	200	200	150	...	550	200	750
Bellary ...	...	...	...	1,000	400	300	...	1,700	325	2,025
Presidency ...	...	...	..	...	50	...	...	50	100	150
Madras, including Water Supply Project ...	...	...	2,000	1,000	500	100	...	3,600	1,100	4,700
North Arcot ...	...	...	260	500	65	...	...	825	75	900
South Arcot ...	...	...	150	550	220	150	...	1,070	430	1,500
Salem ...	...	...	...	800	100	...	...	900	500	1,400
Bangalore ...	...	...	...	...	...	...	...	...	...	...
Tanjore ...	...	...	...	1,000	100	200	...	1,300	1,800	3,100
Trichinopoly...	...	...	...	1,000	100	...	...	1,100	300	1,400
Coimbatore ...	...	...	...	1,000	...	...	...	1,000	1,000	2,000
Malabar ...	...	...	...	500	...	...	...	500	300	800
Wynaad ...	...	...	...	2,000	...	...	...	2,000	1,000	3,000
South Canara	...	...	...	500	...	...	...	500	1,000	1,500
Madura ...	...	...	...	1,000	300	...	...	1,300	1,800	3,100
Tinnevelly ...	...	...	...	750	100	300	...	1,150	450	1,600
Total ...	...	...	4,310	14,900	2,835	1,350	...	23,395	16,605	40,000
General Superintendent of the P. W. Store Department....	...	...	4,000	6,000	...	...	...	10,000	20,000	30,000
Supplies from England ...	...	...	...	...	...	...	...	...	...	80,000
Grand Total...	...	...	...	...	...	...	...	...	...	1,50,000

13. The annexed Statement shows that the aggregate amount to be allotted as State outlay on guaranteed Companies for the year 1868-69 is Rupees 1,71,400.

Guranteed Companies.	For Establishments.	For Land.	Total.
	Rs.	Rs.	Rs.
Railway Companies	60,810	48,590	1,09,400
Madras Irrigation and Canal Company	*29,000	33,000	62,000
Total ...	89,810	81,590	1,71,400

* The Consulting Engineer enters Rs. 29,200 in his Budget Estimate. To make up round numbers, this has been reduced to Rupees 29,000.

14. The Budgets of Local Funds provide for an expenditure of Rs. 17,57,310 by Officers of the Public Works Department, classified as under :—

Funds.	New Works.	Repairs.	Establishments.	Total.
	Rs.	Rs.	Rs.	Rs.
District Road, &c., ...	11,88,950	3,93,800	1,58,280	17,41,030
Educational Building	11,500	3,300	1,480	16,280
	12,00,450	3,97,100	1,59,760	17,57,310

15. No allotment is made in the District Road Fund Budget for "Tools and Plant." It will be considered in the Revenue Department whether some special provision under this head is not absolutely necessary.

16. The annexed abstract shows the distribution of the Imperial and Local Funds assignments over the several parts of the Budget.

Items.	Military.		Civil Buildings.		Agricultural.		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.			
Part II.—New Works ...	9,20,000	,,	6,96,260	11,500	13,63,000	,,	10,05,500	11,44,900	9,000	4,000	39,93 760	11,60,400	51,54,160
Grant for Minor Works...	1,10,000	,,	1,25,000	,,	2,00,000	,,	90,000	40,050	5,000	,,	5,30,000	40,050	5,70,050
Part III —Repairs ...	1,70,000	,,	1,10,000	3,300	10,75,000	,,	10,65,000	3,90,000	30,000	3,800	24,50,000	3,97,100	28,47,100
Total for New Works and Repairs	12,00,000	,,	9,31,260	14,800	26,38,000	,,	21,60,500	15,74,950	44,000	7,800	69,73,760	15,97,550	85,71,310
Part IV.—Establishments											17,14,240	1,59,760	18,74,000
Part V.—Tools and Plant.											1,50,000	,,	1,50,000
Part VI.—State expenditure on works of the Madras Irrigation and Canal Company											62,000	,,	62,000
Do. on Railways											1,09,400	,,	1,09,400
Grand Total ...	12,00,000	,,	9,31,260	14,800	26,38,000	,,	21,60,500	15,74,950	44,000	7,800	90,09,400	17,57,310	1,07,66,710

17. The following is a list of the works entered in the outgoing Budget which require the sanction of the Government of India, as the estimated cost in each case is likely to exceed 2 lacs of Rupees :—

1st, 2nd, and 4th Divisions ... Great northern road from Madras to the Bengal frontier.
Nellore ... ... Sarvapally Channel Project.
Presidency ... ... Lunatic Asylum at Madras.
Trichinopoly ... ... Central Jail at Trichinopoly.
Coimbatore ... ... Lawrence Asylum Buildings.
Tinnevelly ... ... Streevigoontam Anicut Project.

18. Superintending Engineers will be careful to impress upon their Executive Officers that, except under the special sanction of Government, no work entered in the outgoing Budget should be commenced during the ensuing year unless the plans and estimates have been submitted and approved of, or its prosecution has been duly authorized.

19. The Government of India having ruled that the plans and estimates of all Military Buildings which are not in accordance with the standard designs circulated by that Government, or for which no standard plans have yet been furnished, shall be forwarded for the approval of the Right Honorable the Governor General in Council, the Government request the Superintending Engineers concerned to submit at once a Statement in the form given in the margin of all Military works entered in the out-going Budget which are proposed to be *commenced* on the 1st April next, and for which the plans and estimates have been sanctioned, or are now under the consideration of this Government. In the event of the plans, estimates or specifications of any of the works which are not strictly in accordance with the standard designs having been returned to the Superintending Engineers, the Government request that they may be re-submitted as enclosures to the Statement now called for.

District.	Amount of Estimate.	Number and date of Order sanctioning the estimate, or of the Superintending Engineer's letter submitting it.	Whether in accordance with the standard design furnished by the Government of India.	If not in accordance with the standard design furnished by the Govt of India, detailed explanations of the cause and nature of the proposed deviations.

20. Bearing in mind the orders contained in the preceding paragraph, Superintending Engineers will be careful, in hereafter submitting plans and estimates for Military works, to adhere strictly to the instructions contained in the Proceedings of Government noted in the margin.

No. 3,020, dated 27th September 1867.
,, 3,370, ,, 31st October ,,

21. His Excellency in Council regrets that it has been found absolutely impossible to provide funds for the undermentioned works which are entered in the Military Budget submitted with the Quarter Master General's letter recorded in G. O. No. 3,108 dated 8th October 1867.

Raising the roof and enlarging the Hospital of the 19th Regiment Native Infantry at Samulcottah... ... ...
Rest House for Troops at Gooty ... ...
Stables for the horses of the Royal Artillery at the Mount ... ...
Drainage of the Cavalry Lines at Arcot .. ..
Stabling for 182 horses of the Royal Horse Artillery at Bangalore ... ...
Do. for 220 horses of the Artillery on the Race Course at Bangalore ... ...
Converting present Infantry Barracks at Bangalore into Commissariat Store-rooms, with offices for the Commissariat and Medical Departments ... ...
Stables for the horses of the Battery of Artillery at Trichinopoly ... ...
Duff's kitchen ranges for the Barracks at Wellington ...
Quarters for three Apothecaries at Wellington. ... ...
Dry-earth system of conservancy at Wellington ... ...
Subsidiary buildings for the Artillery at Cannanore ...

Two new latrines in Marsack's Pettah at Trichinopoly.

22. The work noted in the margin, which is also entered in the Quarter Master General's list, is estimated to cost less than Rupees 2,500, and it has accordingly been omitted from the Budget under paragraph 9 of the Budget Rules.

23. Adverting to the orders of the Government of India recorded in G. O. No. 3,152, under date the 12th October 1867, His Excellency in Council has resolved to provide a sum of Rupees 3* lacs in the outgoing Budget towards the completion of that portion of the Mail line of road between Madras and Calcutta which lies in this Presidency. The Superintending Engineers concerned will prepare and submit without delay the requisite plans and estimates, which should be complete in every particular, and include the probable unexpended balances on the 1st April next of all such estimates as have been sanctioned or are now in course of execution.

	RS.
* 1st Division	1,00,000
2nd do.	1,00,000
4th do.	1,00,000

24. The plans and estimates for the construction of Barracks for a second Field Battery at St. Thomas' Mount, for which Rupees 30,370 are available during the current official year, should be submitted without further delay. This remark applies equally to the "Recreation-room, &c.," at Trichinopoly, upon which the Superintending Engineer shows that Rupees 2,780 will probably be expended by the 31st March next.

25. The estimate for the New Central Jail at Vellore has been received, and is now under consideration in the Judicial Department. Those for the Jails at Bellary and Cuddalore and for the Central Jail at Trichinopoly should be speedily laid before Government.

26. It appears from the Budgets of the Superintending Engineers of the 2nd, 4th, 5th and 6th Divisions and of the Officer in charge of Public Works operations in the Wynaad, that the estimates for the works noted below are likely to be exceeded. Supplemental estimates should accordingly be at once submitted, accompanied with the prescribed Comparative Statements, and with full and satisfactory explanations of the causes of excess in each case.

		Sanctioned Estimate. RS.	Probable Excess. RS.
BANGALORE.—	Two male pavilions of the Race Course Garrison Hospital...	1,50,000	25,000
Do.	Administrative rooms and arcades in do ...	25,100	7,900
Do.	Two separate wards in do.	27,200	8,800
Do.	Ulsoor Water Supply Project	72,000	58,000
NELLORE.—	Channel from the Venkatagherry river to the Chennoor Tank, &c.	13,910	22,090
	NORTH ARCOT.—Anicut across the Nenjel Madugu, &c. ...	9,000	6,000
	TANJORE.—Canal between Negapatam and Vadaraniem ...	70,410	28,750
	TRICHINOPOLY.—Road from Trichinopoly to Salem, viâ Torriore	50,000	5,000
Do.	Dindigul road	13,800	6,800
	WYNAAD.—Periah Ghaut new Trace	78,000	76,000
Do.	Road from Vythery to Culpatty...	41,400	3,530

27. Modified standard plans for Talook Cutcherries having been circulated with the Order of the 18th November 1867, No. 3,552, the Superintending Engineers concerned will prepare and submit at an early date revised estimates for the buildings of that class which are entered in the outgoing Budget, as well as for such others as it may be in contemplation to provide hereafter.

28. For the reasons set forth in the correspondence recorded in the Order of the 30th April 1867, No. 1,284, the Government have not thought it advisable to make any provision for the road from Mojagudda to Sunkarakole in the estimate for the ensuing year.

29. It will be considered in the Marine Department whether the sum of Rupees 4,700 which is required for the erection of a wharf near the Sea Custom House at Cocanada cannot be provided from Port Funds.

30. The estimate for the "improvement of the roads in the Rumpah country" is Rupees 15,400. Of this amount, the Superintending Engineer of the 1st Division estimates that Rupees 14,923 will be expended by the 31st March next, leaving a balance of Rupees 477 to be provided next year. The Government will be prepared to allot this sum from the Minor Works Grant under "Communications," and they have accordingly omitted the estimate from the outgoing Budget.

31. Rupees 6,342 are entered in the Budget of the Superintending Engineer of the 1st Division as required for Irrigation works from the Ellore High Level Canal. No plans and estimates for these works have yet been submitted, and seeing

that a special provision of Rupees 50,000 has been made for the extension of irrigation under the Ellore Canal, the Government have considered it advisable to omit this small item from the General Budget Estimate.

32. The estimates for the undermentioned works in the Kistna District have been struck out of the Budget, with reference to the orders contained in the Proceedings of Government of the 13th July 1867, No. 2,115:—

	Rs.
Drainage of a tract of country from Lunkapully to the Tidal Creek	20,740
Channel along the Sultanagaram swamp to sand ridge ...	3,460

33. The roads from Nellore to the Dorenal Pass, in the Nellore District, and from Nundial to Chagulmurry in the Kurnool District, appearing to be essentially Local lines, the question of completing them from the District Road Cess collections has been referred to the Revenue Department.

34. The roads from Bellary, through Cumbadoor, to the Mysore frontier, and from Anantapur to Tadpatri are entered in the Budget of the Superintending Engineer of the 3rd Division, with an allotment of Rupees 20,000 in each case. Major Moberly will observe, on reference to Revenue Proceedings of the 2nd November 1867, No. 2,593, that funds for these works have been provided in the Supplemental Local Fund Budget of the Bellary District for the current official year.

35. The sum of Rupees 6,000 entered in the Budget of the Superintending Engineer of the 3rd Division for "Lightning Conductors to the buildings in the Convalescent Depôt at Ramandroog" has been allowed to stand, but Major Moberly will be careful to see that conductors are provided only for such of the buildings as are actually inhabited.

36. The small sum of Rupees 320, which is required to complete the works under execution at the Salt Cotaurs at Madras upon the estimate of Rupees 61,300, sanctioned in G. O. No. 2,040, dated 25th July 1863, will be granted, if necessary, from the Reserve of 1868-69.

37. The Presidency College is under construction from money allotted from Educational Building Funds, and the work should not therefore have appeared in the Superintending Engineer's Budget Estimate, which should be restricted to Imperial works. His attention will now be drawn to paragraph 61 of the Proceedings of Government of the 14th December 1866, No. 3,938, and he will be informed that the question of providing money for the completion of this work is now under consideration in the Educational Department.

38. As the amount of the sanctioned estimate* for the proposed alterations and improvements to the Vepery Police Court is less than Rupees 2,500, the entry of the work in the Budget of the Superintending Engineer of the 4th Division was irregular.

* Rupees 2,380,—See G. O., No. 3,777, dated 28th November 1866.

39. Adverting to the orders of the Government of India regarding the provision of funds for the construction of a General Post Office at Madras, His Excellency in Council observes that, as a design for that building has not yet been

G. O. No. 819, dated 16th March 1867.

prepared, a grant of money, even if funds had been forthcoming during the current official year, would have been of little use, and it has been found impossible to divert to this object any portion of the small allotment for Civil Buildings for 1868-69. Looking to the heavy demands on account of Central, District and Subsidiary Jail accommodation throughout the Presidency, for which provision has to be made by this Government, His Excellency in Council has been reluctantly compelled to omit the estimate for the General Post Office from the outgoing Budget, but relies upon the Government of India assigning a special grant of Rupees 50,000 to that work from the resources at their disposal.

40. Rupees 50,000 are entered as the computed outlay upon the "Lunatic Asylum at Kilpauk" up to the close of the current year, and a further sum of Rupees 50,000 is provided for expenditure on the work during 1868-69. The Superintending Engineer of the 4th Division will expedite the submission of the plans and estimates, with a view to their being forwarded, if necessary, for the sanction of the Government of India.

41 The estimates amounting in the aggregate to Rupees 21,230 for providing "Subsidiary Jail accommodation" in the 1st, 3rd, and 4th Ranges of the Madras District have been omitted from the Budget, as funds for the completion of the works during the current official year have been allotted by transfer in the Order of the 4th November 1867, No. 3,414.

42. An allotment of Rupees 6,000 having been made during the current year for the Trivellore Talook Cutcherry, Rupees 8,000 have been provided for the work in the outgoing Budget.

	Amount required for completion. Rs.
Improving the road from the town of Tripatty to the Railway Station and the town of Calastry....	11,150
Road from Venkatagherry to join the Calastry road at Yarepett.	4,100
Road from Calastry to Naidoopett... ...	17,500

43. The roads in the North Arcot District noted in the margin being district lines of communication, and no money being available from Income Tax Grants for appropriation to the works, the Government are of opinion that they should be *completed* from Local Funds.

44. The estimated cost of the regulating works for the improvement of the river Cauvery in Tanjore is entered by the Superintending Engineer at Rupees 3,50,000. This has been altered to Rupees 99,150, with reference to the Order of the 14th March 1867, No. 775, paragraph 7.

45. The Superintending Engineer of the 6th Division shows that under G. O. No. 631, of the 23rd February 1866, a sum of Rupees 11,289 has to be repaid to Local Funds on account of expenditure incurred from that source on the road from Trichinopoly to Salem, viâ Torriore. The Government authorize Captain Oakes to refund this amount from any unexpended balances that may remain at the close of the current official year from Imperial allotments other than those under "Military," and "Agricultural" new works, reporting his proceedings for confirmation.

Trichinopoly.
Masonry drains for the Lines of the 9th Regt. N. I.
Do. do. of the 23rd ,, L. I.

46. The works noted in the margin are brought forward in the Budget of the Superintending Engineer of the 6th Division. Before taking the estimates for these works into consideration, the Government desire to be furnished with information as to the plan on which the drains are proposed to be built, the materials to be employed in their construction, the water supply to scour them, &c.

47. The undermentioned roads in the Wynaad are in progress, but as the estimates have not yet been sanctioned, the Government request that they may be prepared and forwarded for approval with as little delay as practicable.

Improvements to the Bowally road towards the Mysore frontier.

Road from Manantoddy to the Coorg frontier.

Do. from Callpatty to Sultan's Battery.

48. Rupees 2,216, are entered in the Quarter Master General's list as required during the ensuing year for the "Grand Powder Magazine at Cannanore," but as the work is not brought forward in the Budget of the Superintending Engineer of the 7th Division, the Government presume that the building is expected to be completed before the 1st April next.

49. The remark in paragraph 41 above applies to the work noted in the margin, for which Rupees 3,000 have been allotted in the Order of the 31st October 1867, No. 3,373.

Additions to the Subsidiary Jail at Manantoddy, Wynaad.

50. The arrangement of Part III. of the Budget under "Communications" has in some cases been considerably altered by the Superintending Engineers. Such alterations are very inconvenient, and as they entail a vast amount of additional labor in the preparation of the General Budget Estimate, the Government request that they may not hereafter be made, except under special authority, which should be previously obtained. Where no such authority exists, the items should be detailed in accordance with the sanctioned Budget of the previous year.

51. The maintenance grants for the roads from Poroor to Connattoor in the Madras District, and from Vellore to Arnee in North Arcot, have been increased from Rupees 2,410 and 3,470 to Rs. 2,438 and 4,325 respectively, in accordance with the orders of Government noted in the margin.

No. 344, dated 4th February 1867.

52. As the Board of Revenue have not distinguished the Local Fund allotments in Parts II and III appertaining to the Wynaad, the Superintending Engineer of the 7th Division is requested to submit a statement of the grants assigned to Malabar which belong to that province.

53. The current year's grant for the maintenance of that portion of the road from the Mysore frontier at Tippacaudoo to Areacode which lies in the Wynaad is Rupees 3,069. Of this amount, Captain Kennedy enters only Rupees 2,565, but no explanation is afforded of the grounds on which the reduction has been made.

54. The annexed Statement shows the amount which will be available in each district from Imperial and Local Funds on the 1st April 1868.

Districts.	Original works.	Minor works estimated to cost less than 500 Rupees.	Repairs.	Tools and Plant.	Total.
Ganjam	1,46,060	4,700	80,406	1,000	2,32,166
Vizagapatam	1,99,200	6,000	68,757	1,000	2,74,957
Godavery	5,50,310	8,500	2,09,578	3,500	7,71,888
Kistna	4,28,660	8,800	1,34,091	4,600	5,76,151
Nellore	1,64,480	11,500	1,01,167	1,000	2,78,147
Cuddapah	53,800	8,500	1,32,756	975	1,96,031
Kurnool	72,650	7,500	55,642	750	1,36,542
Bellary	2,37,180	12,500	2,13,781	2,025	4,65,486
Presidency...	1,74,600	7,000	1,05,180	150	2,45,930
Madras	7,74,740	10,400	2,23,494	4,700	10,13,334
North Arcot	1,41,300	9,400	1,77,514	900	3,29,114
South Arcot	1,22,950	9,000	2,10,619	1,500	3,44,069
Salem	1,22,040	4,000	1,00,688	1,400	2,28,128
Bangalore	3,32,380	6,000	33,542	...	3,71,922
Tanjore	1,83,080	11,000	2,05,999	2,100	4,03,179
Trichinopoly	2,10,680	8,000	1,61,050	1,400	3,81,130
Coimbatore	3,79,610	6,500	1,80,787	2,000	5,68,897
Malabar	3,19,830	6,000	99,606	800	4,26,296
Wynaad	2,05,200	1,000	38,750	3,000	2,47,950
South Canara	65,000	4,000	49,210	1,500	1,19,710
Madura	1,17,710	5,500	1,31,120	3,100	2,57,430
Tinnevelly...	2,32,750	6,200	1,33,303	1,600	3,73,853
General Superintendent of the Public Works Store Department.	...	...	...	30,000	30,000
	51,94,210	1,62,000	28,47,100	70,000	82,73,310

55. The estimated expenditure from Guaranteed Capital, after deducting the probable receipts from sale of Stores, &c., is Rupees 72,02,767, viz. :—

		RS.
Madras Railway		60,72,000
Great Southern of India Railway and Errode Extension...		8,72,000
Madras Irrigation and Canal Company		16,60,000
		86,04,000
Deduct.		
Receipts, as estimated by the Railway authorities, from sale of Stores, &c., to be credited to Capital	14,01,233	
Do. by the Madras Irrigation and Canal Company's authorities from do. do.	,,	
		14,01,233
		72,02,767

Proceedings of the Madras Government, Public Works Department,
20th December 1867.

56. The Budgets of Local Funds, including the proposed outlay by Public Works Officers, will shortly be printed and circulated for general information.

(True Extract.)

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

To the Superintending Engineers.
To Captain Kennedy.
To the Controller of Public Works Accounts.
,, Consulting Engineer for Railways.
,, Do. do. for the Madras Irrigation and Canal Company.
,, Manager for do. do.
,, Public, &c., Departments.
,, Marine Department.
,, Revenue do.
,, Military do.
,, Accountant General.
,, General Superintendent of the Public Works Store Department.
,, Municipal Commissioners.
,, Board of Revenue.
,, Inspector General of Police.
,, Director of Public Instruction.
,, Subsidiary Jail Committee.

Exd. F. R. Bantleman.

IMPERIAL.

List of Works for which Estimates are awaited.

Districts.	Works.
	NEW WORKS.
Ganjam ...	Portion of road from Madras to Cuttack.
Vizagapatam	Petta Ghaut road.
Do. ...	Portion of road from Madras to Cuttack.
Godavery ...	Extension of Irrigation from the Ellore Canal.
Do. ...	Do. do. in the Central Delta.
Do. ...	Extension of the branch channel across the head of the Coringa river.
Do. ...	Portion of road from Madras to Cuttack.
Kistna ...	Improvements to the Commamoor Channel, from the 1st to the 28th mile.
Do. ...	Extension of the Ramarazpolliem Channel towards Gokarum.
Do. ...	Irrigation Channels in the Davaracottah Zemindary lands.
Do. ...	Portion of road from Madras to Cuttack.
Nellore ...	Channel from the Venkatagherri river to the Chennoor tank, and constructing an anicut. (Revised Estimate).
Do. ...	Portion of road from Madras to Cuttack.
Kurnool ..	Quarters for the Apothecary attached to the Regiment of Native Infantry.
Do. ...	Tahsildar's Cutcherry with Subsidiary Jail at Koikoontla. (Revised Estimate).
Bellary ...	Latrines for Native Troops.
Do. ...	Lightning Conductors to all the inhabited buildings in the Convalescent Depot at Ramandroog.
Do. ...	Re-roofing the Native Infantry Hospital.
Do. ...	New Garrison, Main Guard with out-houses complete.
Do. ...	Hospital for epidemic diseases for European Troops.
Do. ...	Garrison Lock Hospital.
Do. ...	Drainage of the Barracks and family quarters of the Royal Artillery.
Do. ...	Improvements to the Barrack latrines of Her Majesty's 76th Regiment.
Do. ...	New wash-houses for the Royal Artillery.
Do. ...	Female Hospital for European Troops.
Do. ...	New Armory in the Arsenal.
Do. ...	Improvements to the Jail.
Presidency..	Lunatic Asylum.
Madras ...	Barracks for a second Field Battery at St. Thomas' Mount.
Do. ...	Guard-room, &c., for the Reserve Powder Magazine at do.
Do. ...	Ridge ventilators over the roof of the Depot Hospital at Poonamallee.
Do. ...	Improvements to the Barracks at do.
Do. ...	Tahsildar's Cutcherry with Subsidiary Jail at Trivellore. (Revised Estimate).
Do. ...	Regulating sluices to the heads of 16 channels of the Bungaroo Channel and the Coum river.
Do. ...	Anicut across the Nenjel Madoogoo and channels to supply various tanks in the Conjeveram and Chingleput Talooks. (Revised Estimate).
Do. ...	Portion of road from Madras to Cuttack.
North Arcot	Widening and deepening the branch channel from the main channel of Cheyaur at Nullalum and Tetry.
Do. ...	Restoration of the Mailcoopum high level reservoir.
Do. ...	Improving and strengthening the Nullalum tank.
Do. ...	Do. do. the Coovaloor tank.
Do. ...	Do. do. the Naikanary tank
South Arcot.	Additions and improvements to the Jail at Cuddalore.
Do. ...	Anicut across the Manimuttanuddy river.
Do. ...	Improvement of the Allangal, Villapoorum, and Kolianoor channels from the Pooniar river.
Do. ...	Divisional sluices across the Wallajah main and branch channels from the Poonair River.
Salem ...	Tahsildar's Cutcherry with Subsidiary Jail at Ahtoor.
Do. ...	Deputy do. do. at Vaniembaddy.
Do. ...	New Subsidiary Jail at Salem
Do. ...	Do. do. at Tripatoor.
Do. ...	Do. do. at Oossoor.
Do. ...	Improvements to the Subsidiary Jail at Razeepoor.
Do. ...	Do. do. at Parmutty, Trichengode, and Senkurrydroog.
Do. ...	Do. do. at Ootankarai.
Do. ..	Do.

IMPERIAL.

List of Works for which Estimates are awaited.

Districts.	Works.
	NEW WORKS.—(*Concluded.*)
Salem ...	Improvements to the Subsidiary Jail at Hurroor and Denkencotta
Do. ...	Do. do. at Kistnagherry.
Do. ...	Anicut across the Coorumbapilly river and a channel for the better supply of the Badathalab Tank.
Bangalore...	Three Staff Serjeants' quarters for the Royal Horse Artillery.
Do. ...	One pair of American Bowling Alleys for do.
Do. ...	Serjeants' Mess and recreation-room, refreshment-shop, &c., for Cavalry.
Do. ...	Gram boiling shed for Artillery.
Do. ...	Two Skittle and Bowling Alleys for the Infantry in the old Dragoon Barracks.
Do. ..	Two male-pavilions. (Supplemental Estimate)
Do. ...	Administrative-room and arcades (do.)
Do. ...	Two separate wards (do.)
Do. ...	Ulsoor Water Supply Project (do.)
Tanjore ...	Drainage of the Race Course Barracks.
Do. ...	Taking up and re-laying the apron of the south branch of the lower Coleroon Anicut.
Trichinopoly	Canal between Negapatam and Vedarniem. (Supplemental Estimate).
Do. ...	Recreation-room and coffee-room for a Detachment of European Infantry.
Do. ...	Alterations to the bomb-proof and tiled Barracks to fit them as store-rooms for the Commissariat Department.
Do. ...	New Central Jail.
Do. ...	Jailor's quarters guard-room, and office at Trichinopoly.
Do. ...	Road from Trichinopoly to Salem via Torriore. (Supplemental Estimate).
Coimbatore..	Formation of Dindigul road (do.)
Malabar ...	Lawrence Asylum buildings.
Malabar Wynaad.	Improvements to the Subsidiary Jails.
	Periah Ghaut new trace. (Supplemental Estimate).
Do. ...	Improvements to the Bowally road towards the Mysore frontier.
Do. ...	Road from Manantoddy to the Coorg frontier.
Do. ...	Do. from Vythery to Calpatty. (Supplemental Estimate).
Do. ...	Do. from Culputty to Sultan's Battery.
Do. ...	Bridge over the Padrepoya.
Do. ...	Do. over the Cheriapoya.
Do. ...	Do. over the Cauripoya.
Tinnevelly...	New Jail at Palamcottah.
Do. ...	Improvements to the Subsidiary Jails.
Do. ...	Streevygoontam Anicut Project.

PUBLIC WORKS DEPARTMENT,
FORT SAINT GEORGE,
20th December 1867.

No. 3,951.

No. 458.

FROM

COLONEL C. A. ORR, R. E.,
Secretary to Government, P. W. D.,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

ACCOUNT, No. 40.

1. Under the orders of His Excellency the Governor in Council, I have the honor to forward the Madras Public Works Budget for the year 1868-69, prepared in accordance with instructions communicated in the Circular of the Government of India, No. 108, dated 28th October 1867.

2. The Imperial grant for this Presidency, inclusive of State Outlay on guaranteed Railways, is Rupees 90,09,400, which has been distributed as follows :—

Main Heads of Service.	Minor Heads.	Works not commenced.		Incomplete Works.		Total of two previous columns.		Reserve.	Grand Total.
		Number.	Amount allotted.	Number.	Amount allotted.	Number.	Amount allotted.		
			Rs.		Rs.		Rs.	Rs.	Rs.
New Works	Military	48	4,00,000	18	5,20,000	66	9,20,000	1,10,000	10,30,000
	Civil Buildings	20	2,17,100	31	4,79,160	51	6,96,260	1,25,000	8,21,260
	Agricultural	24	5,37,900	37	8,25,100	61	13,63,000	2,00,000	15,63,000
	Communications	12	98,850	52	9,06,650	64	10,05,500	90,000	10,95,500
	Miscellaneous Public Improvement.	...	.....	2	9,000	2	9,000	5,000	14,000
		104	12,53,850	140	27,39,910	244	39,93,760	5,30,000	45,23,760
Repairs	Military	...	.....	...	.....	...	.....	.....	1,70,000
	Civil Buildings	...	.....	...	.....	...	.....	.....	1,10,000
	Agricultural	...	.....	...	.....	...	.....	.....	10,75,000
	Communications	...	.....	...	.....	...	.....	.....	10,65,000
	Miscellaneous Public Improvement	...	.....	...	.....	...	.....	.....	30,000
		...	.....	...	.....	...	.....	.....	24,50,000
Establishments, exclusive of proportion debitable to Local Funds.		...	.....	...	.....	...	.....	.....	17,14,210
Tools and Plant..		...	.....	...	.....	...	.....	.....	1,50,000
State Outlay in connection with the Madras Irrigation and Canal Company		...	.....	...	.....	...	.....	.....	62,000
Do. on Railways...		...	.....	...	.....	...	.....	.....	1,09,400
									90,09,400

* Rupees 3,75,000 for Works.
" 14,000 for Establishment.
Total ... 3,89,000

† Exclusive of State Outlay on Railways.

3. Taking into account the sums* originally provided in the Civil estimates of the current official year for the conservancy of the irrigation works in the Districts of Vizagapatam, Nellore, Madras, North Arcot, and Tanjore, and transferred to the credit of the Public Works Department under the orders of the Government of India of the 18th October 1867, No. 36AI, the Public Works grant† for the ensuing year exceeds the aggregate of that for 1867-68 by Rupees 4,11,000, as shown in the annexed Comparative Statement :—

Heads.		For 1867-68.	For 1868-69.	Less.	More.
New Works	Military	9,40,000	9,20,000	20,000	.....
	Civil Buildings ...	6,44,000	6,96,260	.....	52,260
	Agricultural	13,00,000	13,63,000	.....	63,000
	Communications ...	5,95,000	10,05,500	.....	4,10,500
	Miscellaneous Public Improvement ...	25,000	9,000	16,000	.....
	Reserve	4,80,000	5,30,000	.....	50,000
Repairs ...	Military	1,55,000	1,70,000	.....	15,000
	Civil Buildings ...	1,02,000	1,10,000	.....	8,000
	Agricultural	10,75,000	10,75,000	.....	.....
	Communications ...	11,28,000	10,65,000	63,000	.....
	Miscellaneous Public Improvement ...	24,000	30,000	.....	6,000
Establishments, inclusive of Rupees 2¾ lacs to be charged to the grant for Extraordinary Agricultural works, and exclusive of the proportion debitable to Local Funds... ...		18,20,000	17,14,240	1,05,760	.....
Tools and Plant, inclusive of Rs. 25,000 to be charged to the grant for Extoradinary Agricultural works.		1,59,000	1,50,000	9,000	.....
State Outlay in connection with the Madras Irrigation and Canal Company		42,000	62,000	.....	20,000
Total ...		84,89,000	89,00,000	2,13,760	6,24,760
Net excess ...		.....	.....	.....	4,11,000

4. Viewed as a whole, the provision for "*Major works*," Imperial, for 1868-69 is in excess of the current year's appropriations under that head of service by Rupees 4,89,760. The items of increase and decrease are noted below :—

Heads.		1867-68.	1868-69.	Less.	More.
Military	Accommodation for Troops	6,06,842	6,40,740	.....	33,898
	Ordnance	75,900	35,000	40,900	.....
	Commissariat ...	78,158	39 450	38,708	.....
	Staff	1,79,100	2,04,810	.....	25,710
	Total ...	9,40,000	9,20,000	79,608	59,608
Civil Buildings.	Jails	4,32,356	5,10,360	.....	78,004
	Collectors' and Talook Cutcherries...	99,000	38,000	61,000	.....
	Court Houses ...	41,848	4,500	37,348	.....
	Ecclesiastical Buildings	2,000	.....	2,000	.....
	Police Buildings ...	31,674	34,400	.....	2,726
	Salt do. ..	222	.....	222	.....
	General do. ...	36,900	1,09,000	.....	72,100
	Total ...	6,44,000	6,96,260	1,00,570	1,52,830
Agricultural.	Irrigation Canals ..	11,38,396	13,02,180	.....	1,63,784
	Tanks	90,048	45,720	44,328	.....
	Dykes	13,297	5,000	8,297	.....
	Drainages ...	58,259	10,100	48,159	.....
	Total ...	13,00,000	13,63,000	1,00,784	1,63,784
Communications	Roads	4,35,750	7,68,850	.....	3,33,100
	Bridges	99,250	1,60,650	.. ...	61,400
	Navigable Canals..	60,000	76,000	.....	16 000
	Total ...	5,95,000	10,05,500	.....	4,10,500
Miscellaneous Public Improvement.	Municipal... ...	12,650	.....	12,650	.....
	Ports and Harbours	12,350	9,000	3,350	.....
	Total ...	25,000	9,000	16,000	.....
	Grand Total ..	35,04,000	39,93,760	2,96,962	7,86,722
	Net Excess ...	.....	.....	.....	4,89,760

5. Of the Imperial works which are included in Part II, the following require the sanction of the Government of India, as the estimated cost in each case is likely to exceed 2 lacs of Rupees :—

1st, 2nd, and 4th Divisions.—Great northern road from Madras to the Bengal frontier.
NELLORE.—Survapally Channel Project.
PRESIDENCY.—Lunatic Asylum at Madras.
TRICHINOPOLY.—Central Jail at Trichinopoly.
COIMBATORE.—Lawrence Asylum Buildings.
TINNEVELLY.—Streevigoontam Anicut Project.

6. The plans and estimates for item 2 and for a portion of item 5 have been already submitted ; those for the remainder will be forwarded as soon as they are ready.

7. The allotments in Part II under "Military" and "Miscellaneous Public Improvement" call for no remark, except that care will be taken that no work proposed for execution next year under the former of these heads shall be commenced, unless the plans are in accordance with the standard designs furnished by the Government of India, or have received the formal sanction of the Right Honorable the Governor General in Council.

8. The appropriations under "Civil Buildings" include allotments aggregating Rupees 5,45,060 for the provision of Jail accommodation in the districts noted in the margin. Large as this assignment may appear to be, I am to state that it is altogether incommensurate with actual requirements. The condition of the numerous Subsidiary Jails throughout the Presidency is such as to call for immediate attention, and this Government, with a view to the subject being brought before them in a full and comprehensive form, have appointed a Committee of Officers specially to enquire into the matter. Detailed reports of the results of that Committee's deliberations are now being received, and this Government, with a view to carrying out the improvements most urgently required in some of the stations of the Madras, Salem, Malabar, and Tinnevelly Districts, have, with considerable difficulty, and only by postponing the execution of other important works of public improvement, allotted a sum of Rupees 31,960 by transfer during the current official year, and have provided a further grant of Rupees 1,19,000* in the outgoing Budget ; but to give full effect to the Committee's recommendations with regard to the Subsidiary Jails in these and in other districts, His Excellency in Council feels that it is indispensably necessary that the comparatively small sum which is available for appropriation to Civil Buildings should be supplemented by a further *special* grant, and I am to express His Lordship's earnest hope that when the subject is brought more at length before the Government of India through the Judicial Department, the necessity for immediate action being recognized, His Excellency the Governor General in Council will readily supplement the funds at the disposal of this Government by such an additional allotment as it may be in the power of the Government of India to make.

Godavery	53,800
Kistnah	3,900
Bellary	20,000
Kurnool	4,700
North Arcot	53,000
Madras	8,000
Salem	83,460
South Arcot	7,440
Trichinopoly	1,00,260
Coimbatore	32,500
Malabar	1,29,000
Tinnevelly	49,000
	5,45,060

* Inclusive of provision for Tahsildars and Deputy Tahsildars' Cutcherries in the Districts referred to.

9. Adverting to the orders of the Government of India regarding the provision of funds for the construction of a General Post Office at Madras, I am to state that, as a design for that building has not yet been prepared, a grant of money, even if funds had been forthcoming during the current year, would have been of little use, and I am now to add that it has been found impossible to divert to this

No. 227A, dated 26th February 1867.

object any portion of the small allotment for Civil Buildings for 1868-69. Looking to the heavy demands on account of Central, District, and Subsidiary Jail accommodation in the several districts, for which provision has to be made by this Government, His Excellency in Council has been reluctantly compelled to omit the estimate for the General Post Office from the outgoing Budget, but relies upon the Government of India assigning a special grant of Rupees 50,000 to that work when the design, which is now in the hands of Mr. Chisholm, is ready.

10. The grant under Agricultural, amounting to Rupees 30 lacs, has been distributed as follows, subject to the approval of the Government of India:—

			Rs.
Extraordinary, Rs. 15,00,000.	Godavery District.	Godavery Delta works	2,48,100
	Kistna do.	Kistna do.	2,53,800
	Nellore do.	Pennair Anicut Project ...	89,000
	Madras do.	Chembrambakum Tank Project	1,20,000
	Do. do.	Madras Water Supply Project...	3,03,800
	North Arcot do.	Cheyaur Anicut Project ...	20,000
	Tanjore do.	Lower Coleroon Anicut works	43,400
	Do. do.	Regulating works for the improvement of the river Cauvery	49,000
	Trichinopoly do.	Weyacondan Extension Project	14,800
	Tinnevelly do.	Strevigoontam Anicut Project...	58,100
		For Works	12,00,000
		For Tools and Plant...	25,000
		For Establishments ...	2,75,000
		Total ...	15,00,000
Ordinary, Rupees 15,00,000.	New Works		1,63,000
	Grant for Minor Works		2,00,000
	State Outlay in connection with the Madras Irrigation and Canal Company		62,000
	Repairs		10,75,000
		Total ...	15,00,000

11. In the selection of works for execution from the Extraordinary grant of 15 lacs of Rupees, this Government have been guided by the principle which has been followed in the Orders* of the Government of India distributing the current year's assignment. A fair proportion of the cost of the Public Works Establishment and of the estimated outlay on "Tools and Plant" has been debited to this allotment.

* Circular No. 36 A.I., dated 5th Nov. 1867.

12. The grants under "Communications" are almost entirely for incomplete works, which absorb no less than Rupees 9,06,650 out of an aggregate assignment of Rupees 10,05,500.

13. In accordance with paragraph 11 of the Circular of the Government of India, No. 108, dated 28th October 1867, an appropriation of 3 lacs of Rupees has been made to that portion of the Mail line of road between Madras and Calcutta which lies in this Presidency. Adverting to your letter of the 24th September 1867, No. 701 C, wherein you intimated that this special allotment would be sanctioned by the Government of India on the condition that a further grant of 2½ lacs of Rupees be made by the Madras Government from the ordinary Public Works assignment, I am to explain that, as the detailed plans and estimates for the improvement of the road in question have yet to be prepared, and as moreover it will not be possible for the regular Public Works Establishment, which is framed on a scale suited to meet only the ordinary requirements of the department, properly to superintend the expenditure on a single line of communication of so large a sum as 5½ lacs of Rupees, this Government have not thought it desirable to make any addition to the special grant of 3 lacs, and indeed it would be impossible to do so without correspondingly reducing the already insufficient allotments for other equally important incomplete works.

14. The grant for Minor Works has been fixed at Rupees 5,30,000, or Rupees 50,000 above the current year's allotment, which, as the Government of India are aware, has been found insufficient, being less than the grants for the three preceding years by Rupees 1,10,000, 86,603, and 1,54,000 respectively.

15. Under the head "Repairs,"* the allotments for "Military," "Civil Buildings" and "Miscellaneous Public Improvement" are in excess of the current year's grants by Rupees 15,000, 8,000 and 6,000 respectively. The additional provision in each of these cases is required to enable the Superintending Engineers to meet demands for absolutely necessary repairs for which the current year's appropriations are found to be inadequate. The assignment under "Agricultural" is the same as that for 1867-68, while the grant under "Communications" is less by Rupees 63,000 consequent on the transfer to Local Funds of the cost of maintaining various district roads which were heretofore kept in repair from the Imperial allotment. Taken as a whole, the grant for "Repairs" for 1868-69 falls short of that for 1867-68 by Rupees 34,000.

* Part III

16. Part IV, or the Budget of Establishments, amounts to Rupees 18,74,000, chargeable to Imperial and Local Funds in the following proportions:—

	Rs.
Imperial	17,14,240
District road, &c. ...	1,58,280
Educational Building ...	1,480
Total...	18,74,000

17. The estimate for 1868-69 under this head exceeds that of the current year by Rupees 7,000, as explained below:—

Add.

	Rs.
For Chief Engineer for Irrigation and Joint Secretary to Government	26,000
Additional provision for Supernumerary Covenanted Officers	4,300
Pay proper of seconded Officers	7,300
Additional provision for Petty Establishments	4,038
Do. for Military allowances of Controller and for house-rent of Deputy Controller	5,688
Do. for Conservancy Establishments	3,539
	50,865

Deduct.

	Rs.	
On account of reduction in the salary of Under Secretary to Government	2,400	
Saving by the absorption of one Superintending Engineer into the second Class	1,200	
Saving on the salaries of Talook Overseers, as compared with the current year's estimate	39,540	
On account of personal allowance to the late Superintendent of the Government Lithographic Press...	600	
Excess provision in the current year's Budget on account of the Public Works Store Department..	117	
Saving on Travelling allowances under "Construction".	8	
	——	43,865
Net Excess ...		7,000

18. The sum provided in Part V. under "Tools and Plant" is Rs. 1,50,000 distributed as follows:—

	Rs.
For Stores from Europe, as per accompanying Indent ...	80,000
Do. Tools and Stores to be purchased in India, and expenses of landing, shipping, and repairing machinery, &c.	70,000

19. Part VI, or the Budget of State expenditure, amounts in the aggregate to Rupees 1,71,400, viz.:—

	For Establishments.	For land.	Total.
	Rs.	Rs.	Rs.
For Railway Companyies...	60,810	48,590	1,09,400
For the Madras Irrigation and Canal Company. .	29,000	33,000	62,000
Total ...	89,810	81,590	1,71,400

20. In their Proceedings in the Financial Department of the 19th February 1866, No. 843, the Government of India sanctioned the entertainment, for two years, of a Surveyor and four Lascars at a cost of Rupees 144 per mensem to assist the Deputy Collector of Kurnool in transferring the land required for the Madras Irrigation and Canal Company's Canal and distribution Channels. This sanction will expire in November next, but, as the Surveyor in question will be required for about eighteen months longer in the Cuddapah District, provision for his salary and that of the Lascars for the full year has been made in Part VI of the Budget now submitted.

21. The Budgets of Local Funds received from the Board of Revenue and the Director of Public Instruction provide for an expenditure of Rupees 17,57,310 by Officers of the Public Works Department.

Funds.	New Works.	Repairs.	Establishment.	Total.
District Road, &c....	11,88,950	3,93,800	1,58,980	17,41,030
Educational Building...	11,500	3,300	1,480	16,280
	12,00,450	3,97,100	1,59,760	17,57,310

22. The annexed abstract shows the distribution of the Imperial and Local Funds assignments over the several parts of the Budget.

15

Items.	Military.		Civil Buildings.		Agriculture.		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.			
Part II.—New Works ..	9,20,000	...	6,96,260	11,500	13,63,000	...	10,05,500	11,44,900	9,000	4,000	39,93,760	11,60,400	51,51,160
Grant for Minor Works...	1,10,000	...	1,25,000	...	2,00,000	...	90,000	40,050	5,000	...	5,30,000	40,050	5,70,050
Part III.—Repairs ...	1,70,000	...	1,10,000	3,300	10,75,000	...	10,65,000	3,90,000	30,000	3,800	21,50,000	3,97,100	28,47,100
Total for New Works and Repairs	12,00,000	...	9,31,260	14,800	26,38,000	...	21,60,500	15,74,950	44,000	7,800	69,73,760	15,97,550	85,71,310
Part IV.—Establishment	...	...	...	...	...	...	...	...	.....	.....	17,14,240	1,59,760	18,74,000
Part V.—Tools and Plant	...	...	...	...	...	...	...	...	.....	.....	1,50,000	.....	1,50,000
Part VI.—State expenditure on works of the Madras Irrigation and Canal Company ...	...	...	...	...	...	...	...	...	.....	.....	62,000	.....	62,000
Do. on Railways ...	...	...	...	...	...	...	...	...	.....	.....	1,09,400	.....	1,09,400
Grand Total ...	12,00,000	...	9,31,260	14,800	26,38,000	...	21,60,500	15,74,950	44,000	7,800	90,09,400	17,57,310	1,07,66,710

23. The estimated expenditure from guaranteed Capital, after deducting the probable receipts from the sale of Stores, &c., is Rupees 72,02,767, viz.:—

		RS.
Madras Railway		60,72,000
Great Southern of India Railway and Errode Extension		8,72,000
Madras Irrigation and Canal Company		16,60,000
		86,04,000
Deduct—		
Receipts, as estimated by the Railway authorities, from sale of Stores, &c. to be credited to Capital	14,01,233	
Do. by the Madras Irrigation and Canal Company's authorities from do	,,	
	———	14,01,233
		72,02,767

I have the honor to be,
Sir,
Your most obedient servant,
(Signed) CHARLES A. ORR, Colonel; R. E.,
Secretary to Government.

Ex1. F. R. Bantleman.

No. 3123

Supt. Engineer's Office 4th Dn.
Camp Velambadi Kenn.
28th September 1867.

16

From
Lieutenant Colonel J. Bean R. E.
Acting Superintending Engineer 4th Dn.

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

Sir,

2 Maps
3 Statements
Govt Memo: 921.
dated 12th Sept. 67.

I have the honor to submit the Budget lists part II and III for the year 1868/69.

2. The demands for each District are shewn below under each Budget head of service for New Works, Minor New Works, and Repairs respectively.

3. The total amount of the Budget Rupees 18,53,613-— is in excess of that for 1867/68 by five lacs of Rupees; but I have taken into consideration the heavy demands for Irrigation works, especially the Madras Water Works Project, and I have also entered the balance unexpended of the Estimate for the Presidency College Estimate, I have not included Rupees 70,000 for a grant in aid for building new lines and fences

Educational
Rupees 120000
Rs. 20000
Rs. 50000

of

of site for the Native Infantry Regiment. Vepery sanctioned for entry in the Military Budget vide G.O. No. 1440 dated 13th May 1867.

4. The excess allotments asked for over previous budgets under the head of Minor New Works and Repairs have been asked for after careful consideration of the demands made on each head, and the cause of the excess is shewn in foot Notes.

5. The Eastern Coast Canal has been transferred to the local Budget. G.O. No. 791 dated 9 March 1866

There is no other maintenance grant from Imperial Funds ordered to be charged to this head. G.O. No. 1347 dated 18 April 1866.

I have the honor to be
Sir
Your Most Obedient Servant
Mean Lt-Col R.E.
Ag Supt Surv. & Dir.

89

17

Budget heads	New Works. Residency	New Works. Nortk Arcot	Minor New Works. Residency Madras	Minor New Works. Nortk Arcot	Repairs. Residency Madras	Repairs. Nortk Arcot	Total
Military	68170	6150	20000	7116	58247	23000	183683
Civil	222900	80770	15000	6370	30060	11500	366600
Agriculture	"	116125	50000	66000	3000	8000	243125
Communications	2910	41050	20000	66001	25318	94688	254967
Mis: Pub: Improvements	"	"	"	250	500	250	1000
Total	293980	244045	105000	139731	117120	227438	1853613

Remarks. Grand Total for Minor New Works above 25000 Rs

F W 1867. Sept

F 4849.

To

Government D.P.W.
4th Division

Dated
Dispd } 28th Sept/67.

No 3123.

Etc:

Submitting the
Budget Lists part
II and III for the
year 1868/69.

No 438

Vol 3950-63951 - 20 Dec/67

Part III.

No. 1

Engineers
Fourth.

Detail of Estimates for Brigade Buildings

Description

Military

Fortifications

Chatham Range — 3 — Fort Pitt Lines. — Constructing a Lines and Racket Court for European Troops — 9300 — 9300 — 5600 — Sanctioned by G.O. No. 379 dated 29th Nov. number 1866 - the Plans not quite in accordance with Sanctioned Plans but nearly so - the Plan of the present Racket Court was followed. Plans and Estimates to be revised in G.O. No. 2650 dated 20 August 1867.

Fort Pitt Range — 2 — Chatham — Constructing Quarters for the Married Students of the Royal Engineering College — 17.390 — " — 17.390 — Sanctioned - No Standard Plan but that of the Artillery married Quarters followed - Called for in G.O. No. 1864 dated 22nd June 1867. Plans and Estimates submitted with letter No. 2917 dated 6th September 1867. Vide G.O. No. 2948 dated 23 September 1867.

Hospitals

Fort Pitt Range — 3 — St. Thomas's Chatham — Barracks for two Field Batteries — 164,550. — 37.350. — 30000 — Not sanctioned - Standard Plans returned for revision in G.O. 2797 dated 11 September 1867.

— do — 4 — do — Family Quarters with Bathrooms Complete in the Hospital Ability Nurses at St. Thomas's Chatham — 40,800 — 26.250. — 14.550 — Sanctioned in G.O. No. 3662 dated 7 November 1866.

67.540

The Governor in Council proceeds to Responders on

		Brought forward			67.540.
Madras					
No II Nilgiri Mounted Range	St Thomas' Mount	Improvements to Garrison Hospital			
		Iron Railings	6820	" 6820	Sanctioned in G.O. No 250 dated 6 January 1867 - Estimate No 8
		Dry Earth Latrine	11.30	" 11.30	
do	6	do Constructing a Female Hospital for the Artillery	28.000		
		Out Offices to do	560		
		Quarters for an Apothecary with out Offices &c	3730.	32.230 10,000	22.230 Sanctioned in G.O. No 1979 dated 3rd July 1867 - No Standard Plan - Estimate No 8
do	7	do Constructing 2 Rows of 3 Stables of 10 Stalls each for the two Field Batteries of Royal Artillery at St Thomas' Mount		30.120 "	30.120 Standard Plan. Sanctioned in G.O. No 1892 dated 25 June 1867. Government of India order No 32 dated 3rd May 1867 - Estimate No
		Carried down			128.110.

		Brought forward			128.140.	
Madras.						
North Arcot. Ranee of Vellore	Poonamallee	Constructing a new Bridge & Ventilators to the Roof of the European Barracks at Poonamallee	2790		2790	Sanctioned in G.O. No. 1929 dated 28 June 1867.
North Arcot. Wallajah	Ranee of Ranneepet	Drains of Cleansing the New lines of the 2nd Regiment Light Cavalry at Ranneepet	6650	500	6150.	Sanctioned in G.O. No. 2709 dated 3rd September 1867.
Residency Southern Range	10 Miles Mount Road	Constructing a Slaughter House &c. near the Government Battery at Red Hills Bungalow	9450 (9500)	"	9450 9500	Standard Plan. Called for in G.O. No. 679 dated 7 March 1867. Plans & Estimates given approved in G.O. No. 2918 dated 20 September 1867.
Northern Range	11. Esplanade near the Ground Rent Office	Constructing 18 Blocks of Family Quarters for the Warrant & Non-Commissioned Officers of the Ordnance & Commissariat departments serving at the Residency	76.500.	45500	31,000	Standard Plan. Sanctioned in G.O. No. 3802 dated 29 November 1866. Government of India No. 96 dated 29 October 1866. embodied in G.O. No. 6943 dated 14 December 1866. of the Public Works.
		Carried over			177580.	

		Brought forward		177.580.	
Residency					
Northern Range	12	Esplanade near the Genl Hospl	Constructing Feval Houses to the Cavalry Quarters of the Warrant & Non Commissioned Officers of the Ordnance and Commissariat Departments serving at the Residency	4,680 "	4680. No Standard Plan. Not Sanctioned. Called for in G.O. No 21.02 dated 8th August 1867. Plan and Estimate will be submitted shortly to Government.
13			Grant for Minor Works the estimated Cost of which does not exceed Rs 2500 each	20,000 "	20,000
			Total Military		2,02,260

Civil Buildings

Madras							
No 1 Range 3	14	Triveliore	Constructing a Salaq Cutcherry at Triveliore	18000	6000	12000	Work deferred pending the preparation of revised plans and estimate called for in G.O. No 226 dated 26 July 1867 -- B. Item No 67.
East Coast Canals	15	Black Town	Raising the proposed new platform at the Salt Golauns at Madras also constructing Guard Rooms Bridges &c a.	61.300	60.971	329	Sanctioned in G.O. No 2040 dated 25 July 1863.
North Arcot							
Chittoor	16	Chittoor	Improving the Collector's Cutcherry at Chittoor	44400	"	44400	Referred to the Board of Revenue Vide G.O. No 1363 dated 6 May 1867.
Residency							
Nilgherry Range	17	Vellpauk	Erecting a Lunatic Asylum in Lovedale Gardens	50,000	50,000	50,000	In progress. Vide G.O. No 433 dated 14 February 1867 and G.O. No 2724 dated 6 September 1867. Detailed Estimates will be submitted shortly to Government. Government of India order No 177 dated 13 February 1867. Para 16 Communicated in G.O. No 1156 dated 6 March 1867. -- B. Item No 77
			Carried over			66.729	

		Brought forward		66.729	
Madras No 11 or 2 Present Range 3/18	Pomanalle	Constructing a Cemetery at Pomanalle.	3000	3000	Sanctioned vide G.O. No 12 dated 4th January 1867.
Residency Southend 19 Range 3	Chepauk	Presidency College	250000 Est. No 239.852	119.852	120000 Sanctioned vide G.O. No 276 dated 24 January 1866.
—do—	20 Perambettoo	Improving the Penitentiary	"	"	50000 Not sanctioned. Called for vide G.O. No 2289 dated 30 July 1867. Plans and Estimates under preparation. Approximate Estimate Rs 100000
Madras No 1 Range	21 Suttivedoo	Additions &c to the Sub Magistrates Cutcherry and Subsidiary Jail at Suttivedoo	2600		
No 3 Range	Three-fermed Tower	Adapting a portion of the three-fermed tower Sub Magistrates Cutcherry for the purposes of a Subsidiary Jail and providing out Houses &c	2300		
		Carried over	4,900	239.729	

			Brought forward	49.00	239.729.	26
Madras						
No III Range	Tirupuvur	Extending the Sub Magistrates Cutcherry at Tirupuvur for the purposes of a Subsidiary Gaol &c.		2540.		
do	Conjeveram	Adapting the Conjeveram Moonsiff's Court for the purposes of a Subsidiary Gaol &c.		2680.		Not sanctioned. Called for in G.O.C. No 2267 dated 26 July 1867 Plans and Estimates will be submitted shortly to Government.
No IV Range	Chingleput	Alterations and Improvements to the Subsidiary Gaol at Chingleput.		2450.		
do	do	Alterations and Improvements to the Police Station House at Chingleput		820.		
do	Madras = cum	Alterations and additions to the Saidapet Cutcherry and Subsidiary Gaol with out houses at Kodambaukum		2280.		
		Carried over		15.670.	239.729.	

Madras			Brought forward	15.670.		23972		
No IV Range 3		Cottamullor	Constructing a subsidiary Jail and outhouses at Cotta = = mullor =	4580.	20.250.	"	20.250	Not sanctioned called for in G.O. No 2267 dated 26 July 1867. Plans and Estimates will be submitted shortly to Government
North Arcot								
Chittoor	22	Chittoor	Improving the Chittoor Jail		9000	6000	3000	Sanctioned in G.O. No 794 dated 15 March 1867.
Cheyda = Cherry	23	Calastry	Constructing a Sub Magistrates Cut = = cherry and Police station at Calastry		6170	"	6170.	G.O. No 2778 dated 20 Sept 1865 Deferred for want of funds Vide G.O. No 3002 dated 10 October 1865. # The amount called for is for Chittoor & the estimates submitted under this letter for Tirupatty
do	24	Tirutany	Constructing a Sub Magistrates Cut = = cherry and Police station at Tirutany		9200	"	9200	Estimate under preparation for Rs 9200 Rec'd 31/5/67 Not sanctioned. Plans and Estimate submitted to Government in letter No 83 dated 28 May 1867. Called for vide G.O. No 712 dated 9 March 1867 #
Vellore	25	Vellore	New Central Jail at Vellore		108000	50000	58000	Rec'd 23/4/67 In progress. Plans and Estimates submitted to Government in letter No 35 dated 18 April 1867. - Vide G.O. No 1523 dated 21 May 1867 - Not sanctioned Vide P.W.D. No 114 -
			Carried over				33634	

Estimate under preparation. Land Question & Quantity of work is in dispute

		Brought forward		336.349	
Residency					
Nathna Range 3260	Vepery	Making Certain alterations and Improvements to the Vepery Police Court	2380 / 2900	2380 / 2900	Lett No 3777 of 28/11/66 in Sec Irrigation Dept This Project was brought forward from the Budget of 1866/68 in which it formed item No 69 sanctioned Irrigation 20 Cr 1863. dated 4 July 1865
27		Grant for minor new Works the Estimated Cost of which does not exceed Rs 2500 each	15000	15000	
		Total Civil Buildings		354249	

Agricultural

Madras Nº 7 Ranges	28	Pennery	Anicut at Valloor	36000	"	20.000	Sanctioned vide G.O. Nº 92 dated 4th January 1867. and G.O. Nº 726 dated 8th June 1867. Circulars from Government of India Nº 25 of 1866. Letter from Do. dated 19th September 1866.
do	29	do	Vayalvar Project for supplying spring water to 18 Villages from the Cottelar River	43000	"	22000	Plans and Estimates will be submitted shortly to Government. Project under investigation by Superintending Engineer.
do	30	Trivellore	Cavinapoor Project for supplying spring water to 20 Villages from the Cottelar River	70000	"	30.000	Plans and Estimates will be submitted to Government shortly. Project under investigation by the Superintending Engineer.
do	31	do	Constructing regulating sluices to the head of 16 Channels off the Poniyaroo Channel and Coum River	10.000	"	10.000	Plans and Estimates under consideration in connection with the Chembrambaukum tank Project.
			Carried over			82.000	

		Brought forward			82,000	
Madras No II of 2 Mysore Range 5	32	Chembrambakam Tank	Chembrambakam Rivers Tank project	3.55,435	50,000	Sanctioned vide G.O. No. 2797 dated 11 September 1867 — Estimate for Sanctioned 11/9/67 No 2798
No III Range 5	33	Yelasoor	Construction of an Anicut across the Nerjel Hudagru in the limits of Yelasoor and excavating channels to supply tanks lower down on either side in the Conjeveram and Chingleput Talugs	25000	9,000 6000	3811 Sanctioned for Rs 6000 in G.O. No 3938 dated 14 December 1866. Revised Estimate to will be submitted shortly to Government with Report — Letter No 155 —
No IV	34	Madrasa-pattanam	Increasing the Capacity of the Madaccheeroor Tank and supplying other Tanks from it	19,500	19,500	The Estimate for the above work is under consideration
do	35	Vyperjairy	~~Excavating~~ new Hepa Channel for irrigating the lands in Paravaramasvara Thungalum Vyperjairy and Puddaloor den	2300		
		Carried over		2300	1.87,500	

			Brought forward	2300.		157.500	
Madras							
No IV	"	By sanctioning Constructing an aqueduct of 3 Vents each of 6 feet span across the Payajay Irrudayoor		610.			
—do—	"	—do—	Constructing a head sluice for by sanctioning the new channel	320.	3230.	3230.	Estimates under preparation.
Madras Water Works	36.	Between Cuttalur and Madras.	Madras Water Project between Madras and Cuttalur River		6 11759.	6 1620. 30 27939. 30 3820.	Sanctioned in GO No 3298 dated 16 October 1866. Government of India No 626 dated 19 July 1866. Regr No 36C of 66/67 - Rs 152 of Bn-81170.
North Arcot. Chittoor	37	Palmanair	Palmanair Irrigation Project		"	15000	Surveys and Levels under preparation.
Chendragiry	38.	Mulleswaramm	Restoration of Mullesvaramm Tank	15600	"	Included in 15 15600	Estimate under consideration
			Carried over			4,95,150.	

the charges on account of the proposed improvements to the Cuttalur Anicut will be defrayed from the annual appropriation for minor irrigation works

			Brought forward			195.150	
North Arcot	Chendra Sheny	39	Nagaputtu	Restoration of Nagaputtu Tank	24.900	24.900	Estimate under consideration.
do	Vellore	40	Esara	Restoring the Esara tank & high level reservoir and diverting the Vellore and Arcee Road round the same	15.000	15.000	Estimate under preparation and will be submitted to Government shortly.
do		41	Arcot	Restoring the Trial Coppeum high level reservoir in the Arcot Taluq	4800	4800	Estimate under preparation and will be submitted to Government.
do		42	Sevaram	Excavating a Channel from the Palar River for the irrigation of the Sevaram and Servonavalpett Villages	3625	3625	Sanctioned by GO. No. 2892 dated 18th September 1867.
			Carried over			54,3.475	

Kath Anot Polun	43.	Nullalem and Taby	Brought forward Widening and deepening branch Channel from the main channel of Cheyar at Nullalem and Taby.	47000 "	543475 20000
do	44	Nullalem	Improving and strengthening the Nullalem Sauk	3900 "	3900.
do	45	Nwovalvor	Improving and strengthening the Nwovalvor Sauk	4600 "	4600
do	46.	Naikanairy	Improving and strengthening the Naikanairy Sauk	3600 "	3600
			Carried over		575475

Upon which no action has been taken by the Board of Engineers for the reason that the Board has not been called upon to examine and report upon the project for improvement of the Cheyar River at Nullalem and Taby, authorized by the River and Harbor Act approved July 5th 1884, and the Board is not aware that the project has been submitted to Congress for modification as required by the act authorizing the survey.

33

Estimate under consideration

Estimate under consideration

Estimate under consideration

North Arcot			Brought forward		5,75,475
Polur	47	Kovvalur	Improving and widening the Chan: = nel from Kovvalur to Kovala: = nadu large tank	5200	5200 Estimate under consideration
	48		Grant for Minor New Works the Es: = timated Cost of which does not exceed Rs 2500	50,000	50,000
			Total Agricultural		6,30,675

Madras

Communications

No IIA	56	Trivoomoorshy Mountain Range	Improving a portion of the Sudapet Road between Trivoomoorshy and Gratorpad on Trunk Road No XIII	11000	8000	3000	G.O. No 1071 dated 12/1/65 Sanctioned in G.O. No 3638 dated 15 November 1866 and G.O. No 1494 dated 17 May 1867.
No III	60	Kalambaukum to Chingleput	Constructing a 1st Class District Metalled road from Kalambaukum to Chingleput and for a branch from Kalambaukum to Covelong	54000	"	25000	Sanctioned in G.O. No 1787 dated 6th June 1867 and deferred the execution of the work for a more favorable time.
No IV	57	Cheyoor to Tholapauk Cum.	Gravelling the road from Cheyoor to Tholapaukum	7470	"	7470	Vide G.O. No 2546 dated 20 August 1869.
			Carried over.			35470	

Madras			Brought forward		35470	
N°IV Range	52	Cotta = mallow	Constructing road from the 41st Mile Stone on Trunk road N°VIII to Tabry via Cothanmallore	35870	800 "	15000 Vide G.O. N°2105 dated 13th July 1867. ordered to be executed by Local Fund Rs 24.10.
do	53	Carangoly	Road from Carangoly to join near Nelvoy the new road from the 41st Mile Stone trunk road N°VIII to Tabry	9150	"	9150. These are Local works & to be done under the D.C. Road Funds - When estimates are submitted for these works they should be sanctioned by Local authorities Local Fund & are available for the works - The Executive Engineer will be directed to submit Estimates for these works to the Collector for sanction from the 500 Rs granted for Repairs to other Unmetalled roads in the District
dv	54	do	Re-metalling the 2 sections of Trunk Road N°VIII	12760	"	12760 Estimate under Consideration and will be submitted in October 1867.
			Carried over			72.380

			Brought forward			72.380	
Kath Arcot Chittoor	55	Palmaner	Improving the Trunk Road No X through Ghât	"	"	5000	Estimate under preparation vide G.O. No 2693 dated 3 September 1867.
do	56	do	Improving the Cyna grounte Ghât	"	"	3000	Estimate under preparation vide G.O. No 2693 dated 3 September 1867.
Tanjore Sherry	57	Sirupathy	Improving the road from the town of Sirupathy to the Railway station and the town of Calastry	28750	10660 7079 17660	11150	Sanctioned vide G.O. No 1944 dated 6 July 1864. 15 Standen 241.
do.	58	Venecaulathy	Constructing a road from Venecaulathy to join Calastry road at Yerrapett	21400	98241 76241 17000	4400	Sanctioned in G.O. No 518 dated 12 February 1866 - 11 Standen 242
			Carried over			95.930	

		Brought forward			95,930.	
North Arcot Chendra Sheny	59.	Calastry to Naidupetty	Constructing a road from Calastry to Naidoopett Village to join Trunk Road No. VI in the Nellore District	34,500	3850 3850 7385 17,000	17,500 Sanctioned in G.O. No. 145 dated 12 January 1866. 15 Lac Est. 2,13,3.
Cheudery Southern Range	60	Southbend	Widening 3 Bridges	2910	"	2910. Sanctioned vide G.O. No 3102 dated 28 October 1864.
Madras No. IV	61.	Cuddapah	Constructing a Bridge over the Palar	60.000	"	20,000 Vide G.O. No 3220 dated 5 November 1863 the Range Officer and Sub Collector urge the Construction of this Bank.
	62		Grant for minor New Works the estimated Cost of which does not exceed Rs 2500 each	20,000	"	20,000
			Total Communications			1,56,340.

Abstract

Military	2,02,260	
Civil Buildings	3,54,249	
Agricultural	6,30,675	
Communications	1,56,340	
Miscellaneous Public Improvements	"	
Grand Total.	13,43,524	

Minor New Works.

Districts	For minor New Works under Military	For minor New Works under Civil Buildings	For minor New Work under Agricul- -tural	For minor New Works under Communi- -cations	For minor New Works under Miscellaneous Public Improvements	Total for minor New Works Estimated to cost less than Rs 2500 each	Remarks
Presidency	* 4000	3000	"	"	"	7,000	The items marked * are in excess of the Budget of 1867/68 but the wants of the minor New Works under the head of Military Buildings and Agricultural Works are for in excess of the Current years sanctioned the sums allowed having been estimated at the middle of the year. The same may be said in a less degree of Civil Buildings. In North Arcot a special demand is made for works of this kind.
Madras	* 2000	* 400	* 8000	"	"	10.400	
North Arcot	* 400	* 1,000	* 9,000	"	"	10.400	
Total.	6,400	4,400	17,000	"	"	27,800	

Supdg Engineer's Office
4 Division
Camp Valambaukum
28 September 1867.
G.P.

H Bean Lieutt Col R.E.
Agt Supdg Engineer 4 Divn

Residency
Division
Civil Works for 1868/69.-

Account Compiled Estimate
of Expenditure for
Estimate 31st March 1868/69

42

250
849
1034 0
2133 0

4th Division

Part II

Detail of Estimate for
Original Work Rbs
for 1868/69.

PW 4849

Memorandum to accompany the Budget List Part III

District	Description of Work.		
	Communications		
Madras.			
1st T. Range.	Annual Repairs to Road from Madras boundary to Yerkinjairy	160	G.O. No 2179 dated 10th September 1859.
——do——	Annual Repairs to road from Yerkinjairy to Railway Station at Perambore	914	G.O. No 2179 dated 10th September 1859 and No 1820 dated 30th June 1865 - Length 2 miles at 457 Rs per mile including Petty Establishment.
——do——	Annual Repairs to road from Madras limits to Puttellore on the high road to Sunore	327	G.O. No 3567 dated 14th December 1864 - Length 1¼ mile at 261½ Rs per mile including Petty Establishment
——do——	Annual Repairs to road from Madras limits on the Basin road to Sunore	352	G.O. No 3567 dated 14th December 1864 - Length 1½ mile at 235 Rs a mile including Petty Establishment.
	Carried over	1753	

45

44

	Brought forward		1753. ✓	
Madras.				
No. I. Range	Annual repairs from Red Hills, Viz.s Madras boundary to Paper Mills	2 3	35¼.	G.O. No. 2179 dated 10th September 1859. Length 1 Mile at 364 Rs. per mile including Petty Establishment.
——do——	Annual repairs to road on Colaboor tank bund	2 3	39.	G.O. No. 2179 dated 10th September 1859.
——do——	Annual repairs to road from Trivellore to Cumore	2 3	7 18.	G.O. No. 3567 dated 4 December 1864. Length 6 Miles at 119 Rs per mile including Petty Establishment
——do——	Ferry boats on the Kotelliar river on the Northern Trunk Road	2 3	138.	G.O. No. 432 dated 23d August 1855.
No. II. Range	Annual repairs to road from Elphinstone's bridge to its junction with the road to St. Thomas' Mount near Maltby's Gate	2 3	1164.	G.O. No. 2179 dated 10th September 1859. Length 3 miles 211 Yards at 373 Rs a mile exclusive of Petty Establishment.
	Carried over		4.166 ✓	

		Brought forward	4,166 ✓	
Madras				
N.o II Range	Annual repairs to the Johannes' road turning off from the Mount road thro' Sydapett towards Ponnamallee	3	~~✓~~ 327.	G.O. N.o 2179 dated 10 September 1859 - Length 1 Mile and 100 yards at 290 Rs per Mile exclusive of Petty Establishment. —
——do——	Annual repairs to road from Alphinstone's bridge to Elliott's beach	3	✓ 328.	G.O. N.o 2179 dated 10 September 1859 - Length 1 Mile and 783 Yards at 227 Rs per Mile exclusive of Petty Establishment. —
——do——	Annual repairs to road from Marmalong bridge to Guindy Park gate	3	✓ 201.	G.O. N.o 2179 dated 10 September 1859 - Length 1 Mile 900 yards at 390 Rs per Mile exclusive of Petty Establishment. —
——do——	Annual repairs to road from Sodam bank to Pun	3	~~✓~~ 111.	G.O. N.o 2179 dated 10 September 1859 - Length 612 Yards at 319 Rs per Mile exclusive of Petty Establishment. —
	Carried over		5,113 ✓	

	Brought forward	5.113	
Madras			
No. II Range	Annual repairs to road from Saint Thomas Mount to Poonamallee	1.148.	G.O. No. 2055 dated 27th August 1859 - Length 6 miles and 30 yards at 196 Rs per mile - exclusive of Petty Establishment. —
—— do ——	Annual repairs to road from Saint Thomas Mount to Sydapett	1.684	G.O. No. 960 dated 19th May 1857 - Length 1 mile and 1020 Yards at Rs 1058 per mile exclusive of Petty Establishment. —
—— do ——	Annual repairs to road from Kamaloo bridge to Valachary. Pullicarney to Trunk road No. 8.	957.	G.O. No. 2805 dated 21st November 1862 and No. 1333 dated 11th July 1857. - Length 6 miles 890 yards at 147 Rs per mile exclusive of Petty Establishment. —
—— do ——	Annual repairs to road from Sabibs Choultry to Vendalore Choultry being part of Southern Trunk Road	1,990	G.O. No. 2883 dated 12th December 1859. - Length 1 mile 922 Yards at 1300 Rs per mile exclusive of Petty Establishment. —
	Carried over	10.892	

Madras				
	Brought forward	10.892	✓	
No. II Range	Annual repairs to roads in Guindy Park	708.		G.O. No 2115 dated 14th November 1861. Length 3 miles 209 Yards at 227 Rs per mile exclusive of Petty Establishment. —
No. III Range	Annual repairs to road from Poonamalle to Avady	9	9	G.O. No 1924 dated 11th August 1859. Length 5 miles 1 furlong and 10 yards at 175 Rs per mile, exclusive of Petty Establishment. —
—do—	Annual repairs to road from Conjeveram to McLean's Choultry on Trunk Road No. I.	5	5	Vide Budget of 1865/66 and G.O. No 1843 dated 1st July 1865 and No 1202 dated 3rd May 1865 — Length 2 miles at 272½ Rs per mile. exclusive of Petty Establishment.
—do—	Annual repairs to road from Chingleput to Soorapenis Choultry and Trunk Road No. I	6	4	G.O. No 2805 dated 21st November 1862 and No 347 dated 25th November 1861. Length 27 miles at 25 Rs. per mile. exclusive of Petty Establishment. —
	Carried over	13,733.	✓	

Madras

	Brought forward	13,733		
No. III Range	Annual repairs to road from Chingleput to Tervocalicundrum	6¼	✓	G.O. No. 574 dated 26th February 1861 - Length 8 miles at 84½ Rupees per mile - exclusive of Petty Establishment. -
— do —	Annual repairs to Quarry Road to Trunk Road No. 1.	1,650	✓	G.O. No. 68 dated 13th February 1855 - Length 32 miles at 51 9/16 Rs per mile - exclusive of Establishment.
No. IV Range	Annual repairs to Causeway across the Palar river near Chingleput on Trunk Road No. 8	97½		G.O. No. 1917 dated 16 September 1859 - Length 3½ of a mile at 1250 Rs per mile. exclusive of Petty Establishment.
— do —	Annual repairs to road from Tadapaukum to the river.	73½	✓	G.O. No. 377 dated 27th November 1866 Length 15 miles at 49 Rs a mile exclusive of Petty Establishment. —
Total Madras.		17,761.	✓	

North Arcot Chittoor	Annual repairs to Branch road No X from Vellore to Permatoor	2,004	G.O. No 271 dated 30th January 1865. Length 7 miles at 286 4/7 Rs per mile exclusive of Petty Establishment.
do	Annual repairs to road from Trivellum Railway Station to Trunk Road No X	476.	G.O. No 290 dated 13th November 1863 - Length 2 1/4 miles at 211/2 Rupees per mile - exclusive of Petty Establishment.
do	Annual repairs to road Trivellum Town Bazaar	184.	G.O. No 290 dated 13th November 1863 - Length 1 1/2 miles at 122 8/9 Rupees per mile - exclusive of Petty Establishment.
do.	Annual repairs to road from Pullicondah to Gooriattum	756.	G.O. No 271 dated 30th January 1865 and No 1109 dated 26th April 1865 - Length 7 miles at 108 Rs per mile exclusive of Petty Establishment.
	Carried over	3,420	

North Arcot	Brought forward	3,420 ✓	
Chittoor	Annual repairs to road from Mailpatty Railway Station to Satghur	830 ✓	G.O. No. 271 dated 30th January 1865 - Length 7½ miles at 114½ Rupees per mile. - Exclusive of Petty Establishment.
Vellore	Annual repairs to road No. X from Vellore to Pannatoor	614 ✓	G.O. No. 271 dated 30th January 1865 - Length 3 miles at 204 5/8 Rupees per mile - Exclusive of Petty Estab- = lishment.
Wallajah	Annual repairs of road and bridges at Ranepett	530 ✓	G.O. No. 2739 dated 30th August 1866 - Length 10 miles at 53 Rs per mile Exclusive of Petty Establish- - ment.
——do——	Mileage Allowance for Tramway Compa- = ny's for the road from Arcoonum to Trunk Road No. 1	2.352 ✓	G.O. No. 1207 dated 4th May 1865 and 428 dated 3rd February 1866 - Length 18½ miles at 125 Rs per mile.
——do——	Annual repairs to road from Ranepet to Arnoor	963 ✓	G.O. No. 74 dated 18th June 1859 and No. 1915 dated 20th Octo- = ber 1850 - Length 3½ miles at 275-8 Rs per mile Exclusive of Petty Establishment.
	Carried over	8,709 ✓	

		Brought forward	8,709	
North Arcot				
Wallajah	Annual repairs to road from Wallajahpett to Arnoor		526	G.O. No. 74 dated 18th January 1859 - Length 3 Miles at 175-5/8 Rupees per Mile exclusive of Petty Establishment. —
— do —	Annual repairs to road from the junction of Wallajahpett and Perroncanjee road to Arnoor		415	G.O. No. 1260 dated 9th May 1865 - Length 3½ Miles at 118 9/16 Rupees per Mile. —
— do —	Annual repairs to road from Taveripak to Sholinghur Railway Station		630	G.O. No. 1260 dated 9th May 1865 - Length 9½ Miles at 66 5/8 Rupees per Mile exclusive of Petty Establishment. —
— do —	Annual repairs to road from Sholinghur to Sholinghur Railway Station		750	G.O. No. 1260 dated 9th May 1865 - Length 12½ Miles at 60 Rupees per Mile exclusive of Petty Establishment. —
		Carried over	11.030	

	Brought forward	11.030	
North Arcot Wallajah	Annual repairs to road from Tiruttany to Arcot Coopum	477	G.O. No 2284 dated 11th December 1861 - Length 7 Miles at 68⅛ Rupees per mile exclusive of Petty Establishment. -
—do—	Annual repairs to road from Tiruttany to Ramakistnarajpett	797.	G.O. No 2284 dated 11th December 1861 - Length 12 Miles at 66 3/8 Rupees per mile exclusive of Petty Establishment. -
—do—	Annual repairs to Quarry Roads.	502.	G.O. No 68 dated 13th February 1855 - Length 12 Miles at 41 13/16 Rupees per mile exclusive of Petty Establishment. -
Chendragherri.	Annual repairs to road to Pootoor to Naglapooram	1.944.	G.O. No 3234 dated 16th November 1863 - Length 18 Miles at 120 Rs per mile including Petty Establishment. -
—do—	Annual repairs to Trunk Road No XIII from Nagery to Balapully	1,739.	G.O. No 1192 dated 6th November 1863 - Length 38½ Miles at 50 Rs per mile inclusive of Petty Establishment. -
	Carried over	16.489	

"I" prepared in accordance to G.O. No. 2919 dated 6th October 1865.

	Amount.	Remarks.
		55
North Arcot	Brought forward	16.489
Chendrageherry.	Annual repairs to road from Pootoor to Pulliput	384. G.O. No. 2 dated 11th January 1862. Length 10 Miles at 50 Rupees a Mile inclusive of Petty Establishment.
—do—	Annual repairs to road from Pulliput to Notarlapully	642 G.O. No. 2449 dated 4th August 1866 and No. 3770 dated 27th November 1866 - Length 14 Miles @ 50 Rs. a Mile inclusive of Petty Establishment.
	Total North Arcot.	17.515
	Grand Total Rs.	35.276.

Supg. Engineer's Office
4 Div.
Madras 28th Sept. 1867.
Camp Velambaukum

GP.

H Bean Lieut. Colonel R.E.
Ag. Supg. Engineer 4 Division

Memorandum to accompany the Budget List Part III, prepared in accordance with G.O. C. No 29 dated 4th October 1865.

P H 4849/67

2nd Secretary's Office
10th 1950

4.

Part

Detail of Estima

51

Military

Presidency						
	Fort Saint George	Annual repairs to roads within the Gard	2500	"	2500	
	Esplanade	do —— to Esplanade roads	14047	"	14047	
	Beach	do —— to road along the Sea face of the Fortress	2500	"	2500	
	Fort Saint George	Minor repairs to buildings	A 26000	"	16000	
	do	Annual repairs to Fortifications	8000	"	8000	
	Perambore	Minor repairs to buildings	3000	"	3000	
	Esplanade	do —— do	1500	"	1500	
		Repairs and exchange of Mats Blinds Punkah Fringes and Furniture to Public Works Department	700	"		Entered at request of Barrack Master who is not allowed to include this provision in his Budget Vide his letter No. 1365 dated 12th September 1859
		Total			58247	47547
Madras	Saint Thomas Mount	Annual repairs to Cantonment Roads	1720	"	1720	
	Palaveram and Poonamallee	—— do —— do	1630	"	1630	
	Saint Thomas Mount	Minor repairs to buildings	B 19660	"	12650	
		Total			23000	16000
		Carried forward			81247	63547.

North Arcot		Brought forward			81247	63547
	Vellore	Annual repairs to Cantonment roads	1110	"	1110	
	do	Minor repairs to buildings	3000	"	3000	
	Ranneepett	Minor repairs to buildings	3000	"	"	
		Total			7110	4110
		Total			88357	67657
		Total Military				
		Civil Buildings				
Residency	Fort St George	Minor repairs to General Buildings	6500	"	6500	
	Black Town	do do	6000	"	6000	
	Mount Road	Annual repairs to Government House	6260	"	3500	
	do	do to General Buildings	10000	"	8000	
	do	do to Educational Buildings	300	"	300	
		Ecclesiastical do	1000	"	"	
		Total			30060	28410
Madras District	Sydapett	Minor repairs to Revenue &c. Buildings	500	"	800	
	Guindy Park	do do	3000	"	3000	
	Saint Thos. Mount	do to Government House	3000	"	1200	
	Covelong	do to General & Revenue buildings	500	"	500	
	Chingleput and Conjeeveram	do do	4000	"	2000	
		do do				
	Madrantcum and Carmgoly	do do	300	"	300	
		do do	200	"	200	
		do to Police Stations				8000
		Carried forward			41500	36410

		Civil Buildings (continued)						
North Arcot	Chittoor	Minor repairs to General and Revenue Buildings	2,500		2000			
	Vellore	do do	2700		2700			
	Ranneputt	do do	500		300			
		do to Police Stations	300		300			
	Vellore	do to Educational Buildings 150						
	Wallajahpettah	do do 220	370		370			
		Total		6370		5670		
		Total Civil Buildings		47930		42080	37,970	
		Agricultural						
	Presidency Madras North Arcot	Minr repairs to Tanks	3000	"	3000			
		do to Tanks and Channels	98000		98000			
		do do do	66000		66000			
		Total Agricultural		167000		167000		
Presidency		Communications						
	Presidency	Roads over Government Bridges and within the limits of Government Compounds	9395	"	9395			G.O. No. 3938 dated 14th Decr 1866
		Carried forward	9395		9395			

Presidency	Communications (Cont.)					
Presidency	Roads leading from the Fort towards the Mount and Poonamallee		(9395		9395	
	Minor repairs to roads and bridges		9058			G.O. No. 1429 dated 11th May 1867.
Madras	Repairs to Trunk road No. 6 from Vasurpandy Tank Calingalab to Ponnegady back water		4860	23313	4860	14255
	do to road from Corattoor to Tryllore on the high road to Cuddapah		11030	"	11030	G.O. No. 2283 dated 11th Dec. 1860 Length 2 5/8 Miles at 414 Rs per Mile including Petty Establishment.
	do to road from Tryllore high road to Cuddapah		4782		4782	G.O. No. 1491 dated 17th June 1859. Length 19 Miles at 320 Rs per Mile including petty Establishment.
	do to road from the Madras boundary to the 12 Mile Stone		10269		10269	G.O. No. 2179 dated 10th Sept. 1859 Length 7 Miles 990 yards at Rs 1350 per Mile Exclusive of Petty Establishment
	do to road from Mylapore Tank to Poroor	2870*	5280		5280	* Length 5 Miles 1216 yds at 534 Rs a Mile x 5 Miles 873 1/2 yds at 447 Rs a Mile G.O. No. 1696 dated 10 June 1864
	do to road from Poroor to Connalore	2440				Increased to Rs 2142 - Vide page 344 - 4/2/57
	do to Trunk road No. 1 from the 3/2 to 53 Mile Stone		23890		23890	G.O. No. 2412 dated 11 Oct. 1859 Length 50 Miles at 447 Rs per Mile exclusive of Petty Establishment.
	do to road from Palaveram to Cheramauk		20676		20676	G.O. No. 133 dated 27 March 55 Length 47 Miles at 440 Rs per Mile exclusive of Petty Establishment.
	Do to Roads &c	1826	18761		18701	
	Minor repairs to Travellers' Bungalow	500		94716		
				94688		94688
	Carried forward			118001		108943

Madras District

Communications (Contd)

North Arcot District	Repairs to Trunk Road No 1 from the 53 2/2 to 125 1/4 Mile	7114	7114	G.O. No 2113 dated 14 November 1863 Length 6 9/2 Miles at 102 1/2 Rs per Mile exclusive of Petty Establishment.
	do to road from Arconum to Trunk road No 1. "	3004	3004	G.O. No 322 dated 27 February 1862 Length 14 3/4 Miles at 203 5/8 Rs per Mile exclusive of Establishment dated 3 May 1865.
	do to road from Poney to the Arcot Railway Station	2920	2920	G.O. No 1260 dated 6 May 1865. Length 15 Miles at 194 5/8 Rs per Mile exclusive of Establishment.
	do to Vellore and Arnee road	3470	3470	G.O. No 2284 dated 6 Nov. 1860. Length 22 3/4 Miles at 152 1/2 Rs per Mile exclusive of Establishment.
	do to Trunk road No 10 from Ranipet to the Mysore frontier beyond Palmanair	11702	11702	G.O No 1841 dated 29 August 1863. Length 64 Miles at 183 Rs per Mile. exclusive of Petty Establishment.
	do to Trunk road No 11 from Chittoor to Cullour	6050	6050	G.O. No 1005 dated 19 June 1856. Length 31 1/2 Miles at 200 Rs per Mile exclusive of Establishment.
	do to 2nd Class Road No 7 from Porthalpet to Karcumbady	3466	3466	G.O. No 2395 dated 22 Dec. 1856. Length 18 1/2 Miles at 100 Rs per Mile including Petty Establishment.
	do to road from Arcot to Arnee	3560	3560	G.O. No 1436 dated 29 May 1865 Length 18 Miles at 200 Rs per Mile exclusive of Establishment.
	Minor repairs to Travellers Bungalow 3 500	18715	18715	
	do to Roads &c 18215.	6856	60,001	
	Total Communications	60,001	168,944	
		178002		

118,001 108,943

Miscellaneous Public Improvement

Presidency	Minor Repairs	500	500	
Madras	do	250	250	
North Arcot	do	250	250	
	Total Miscellaneous Pub Imp	1000		1000

Abstract

Military	88357	67657
Civil	47930	42080
Agricultural	167000	167000
Communication	178002	168944
Mis: Pub: Improvement	1000	1000
Grand Total	482289	446681

Superintending Engrs Office
4th Division
Camp Velambaukum
28th September 1867.

Kean Lt Col R.E.
Acting Supg Engr 4th Div
N.B.

N.B.

A The amount under the head of repairs to Military Building in last budget Viz: Rupees 16000 is found inadequate as the funds were exhausted before the close of the year.

B The funds allotted in budget of 1867/68 Rupees 12650 were exhausted by the middle of the year.

C A Cavalry Regiment is now located at this Station

D The demands from the Private Secretary for Government House are far in excess of the Budget

E The Budget grant of 1867/68 inadequate

F The Budget grant of 1867/68 inadequate

G The Superintending Engineer considers these sums inadequate but he refrains from asking for more as the resources at Government disposal are limited. He would wish 20 per Cent more.

List Shewing the maintenance grants ordered from the Imperial Budget List to be charged to Local Funds and excluded from

	Amount sanctioned	Total	Remarks.
Northern Canal from the Basin at Madras to Doroogaraospatam Canal between the Coum River and Basin Bridge	6583		
Southern Canal from the Adyar to the Palar River	3400		
		9983.	

Sup.t Engineers Office
4.th Division
Camp Velambaukum
28.th September 1867.

Lieut.t Col R.E.
Acting Sup.t Engineer 4.th Div.n

Division
III
for repairs for 1868/69.

Estimate 1868/69.		Estimate 1867/68	
Amount	Total	Amount	Total

4th Division

Part III.

Detail of Estimate

for Repairs

for 1868/69.

for W 4849/67

20th December/67 Rs 29,931

No. 3950/ Public Works Dept

Proceedings of the Madras Government

Under date the 20th December 1867.

Read the following

From the Superintending Engineer of the 1st Division — } letter dated 24th September/67 No. 139/

— Do — 2d — Do — / — Do — Do — No. 93 /

— Do — 3d — Do — / — Do — 5th October 1867 No. 1826 /

— Do — 4th — Do — / — Do — 28th September " No. 3123 /

— Do — 5th — Do — / — Do — 8th October " No. 1387 /

— Do — / — Do — 12th Do " No. 144 /

— Do — / — Do — 14th Do " No. 145 /

— Do — / — Do — 16th Do " No. 148 /

— Do — 6th Do — / — Do — 11th Do " No. 1012 /

— Do — 7th Do — / — Do — 1st Do " No. 107 /

Special Executive Engr Bynaad — / — Do — 10th Do " No. 458 /

— Do — / — Do — 16th Do " —

Superintending Engineer of the 8th Div — / — Do — 15th Do " No. 1331 /

Controller of Public Works Accounts — / — Do — 7th November " No. 3066 /

— Do — / — Do — 26th — Do " No. 3301 /

General Supdg. Pub. Works Stores & Works Dept — / — Do — 26th — Do " No. 1119 /

Consulting Engineer Irrigation & Canal Cess — / — Do — 14th October " No. 97 /

Inspector General of Police — / — Do — 2nd Do " No. 1759 /

Municipal Commissioners — / — Do — 5th September " — /

Subsidiary Jail Committee, Madras. — / — Do — 25th November " No. 43 /

— Do — / — Do — 29th Do " No. 49 /

Read again letter from the Director of Public Instruction No. 2280 of 18th November 1867 recorded in Govt No. 3699 dated 21st November 1867.

The Governor in Council proceeds to pass orders on

on the Budgets of works which are proposed to be undertaken from Imperial and Local Funds by Officers of the Public Works Department during the year 1868-69.

2. The annexed abstract, which includes a Reserve of Rupees 530000, shews that the demands for "New Works" and "Repairs" amount in the aggregate to Rupees 92,83,258 being Rupees [illegible] in excess of the funds at the disposal of Government under those heads.

New...

	Military	Civil Buildings	Agricultural	Communications	Irrigation	Public Improvements	Total
New Works above 2500 Rs.	14,30,854	12,69,188	19,85,334	15,39,720	32,500		62,57,596
Reserve for minor new works estimated at Rupees 500 and under	26,450	20,200	87,700	2,650	4,000		1,62,000
Reserve for unforeseen other works	83,550	1,04,800	1,12,300	63,350	4,000		3,68,000
Repairs	1,82,630	1,7,310	10,77,350	10,86,807	31,565	24,95,662	
	17,23,484	15,11,498	32,62,684	27,16,527	69,065	92,33,258	

3. The Imperial Grant for this Presidency, irrespective of State outlay on guaranteed Railways, has been fixed by the Government of India at 89 lacs of Rupees, and the following conditions in regard to its appropriation have been prescribed.

I. That the allotment for "Military Works" shall be considered to be fixed, so far that it is not available for

see Govt. 3546 - 9 16½
November 1867

for increasing other assign-
-ments.

II That in like manner the Grant of 15 Lacs for "Agricultural works" under the heading "Extraordinary" shall not be diverted from that purpose but may be in-
-creased from the amount allotted for "Ordinary Agricultural works."

III That the Grant of 15 Lacs for "Ordinary Agri-
-cultural works" shall only be available for the specific objects for which it has been made, including State outlay on Guaranteed Irrigation works, and for "Extraordinary Agricultural works."

IV That such portion of the sums set apart for "Tools and Plant" and for "Establishments" as are debitable to "Extraordinary Agricultural works" shall form a charge against the special allotment of Rupees 15 Lacs under that head.

V That, after deducting the Grants for Military and Agricultural works the balance of the assign-
-ment of 89 Lacs shall make provision for Establishments and Tools and Plant not chargeable to Extraordinary Agricultu-
-ral works, and for

"Communications

"Communications", "Civil Buildings", "Miscellaneous Public Improvements" and a special allotment of 3 lacs for the Mail line of road between Madras and Cuttack.

VI That the Grant for State Expenditure on Guaranteed Railways shall be in addition to the allotment of 89 lacs for Public Works.

4. The total amount which has been [x] as the State outlay on Guaranteed Railways for

[x] see Jour. 3452 of 6th November 1867

for the ensuing year in round numbers, viz., Rupees 109,400, and if to this be added the Imperial allotment of 89 lacs for Public Works, the entire available funds will amount to Rupees 90,09,400, which this Government resolve to appropriate as follows.

Main Heads of Service	Minor Heads	Works advanced - Number	Works advanced - Amount allotted	Incomplete Works - Number	Incomplete Works - Amount allotted	Total of two previous columns - Number	Total of two previous columns - Amount allotted	Revenue	Grand Total
New Works	Military							1,10,000	10,30,000.
	Civil Buildings							125000	
	Agricultural							2,00,000	15,63,000
	Communications							90,000	
	Mis. Pub. Improvement							8,000	
								5,30,000	
Repairs	Military								1,20,000
	Civil Buildings								110,000
	Agricultural								10,75,000
	Communications								1,00,000
	Mis. Pub. Impt.								30,000
Establishments Exclusive of Superintendence chargeable to Special Works									24,50,000
Tools and Plant. State outlay on connection with Works Do — on Railways									1,50,000 — 62,000 — 1,09,400
									9009,400

x Rupees 3,75,000 for Works
" 14,000 for Establ.
Total 389,000

Exclusive of Public Works
Expenditure

Statement showing the Estimated Receipts for Expenditure for the Year 1868-69 as compared with the Budget Estimates for 1867-68 and the Revised Estimates for 1867-68.

Heads	Budget Estimates 1867-68	Revised Estimates 1867-68	Increase	Decrease	Budget Estimates 1868-69
Ordinary Public Works					
Military	940000	920000	20000		
Civil Buildings	64,900				
Agricultural	13,00,000	1363000		63,000	
Communications	5,19,500				
Miscellaneous Public Improvements	25000				
Reserve	480,000	530,000		50,000	
Extraordinary Public Works					
Military	155,000	170,000		15,000	
Civil Buildings	102,000	110,000		8,000	
Agricultural	10,75,000	10,75,000			
Communications	11,28,000	10,65,000	63,000		
Mis. Pub. Improvements	24,000	30,000		6000	
Establishments included in Repairs charged to the Grant for Extraordinary Agricultural Works, and exclusive of the Population debited thereto					
Tanks	1820,000		20,000		
Tools and Plant	1,59,000	1,50,000	9,000		
Sale outlay in connection with the Madras Irrigation and Canal Company	42,000	62,000		20,000	
Total	84,89,000	89,00,000	112,000	523,000	

Abstract Statement for Forts —

	Total
Military	
Armaments	178 100
Land	78 158
Civil	78 900
Total	940 000
Civil Buildings	
Cantonments	4,32,354
Public Buildings	99 000
Civil Stations	41 828
Police Buildings	2,000
Jails	31,694
Schools	222
Hospitals	36,900
Total	644000
Agricultural	
Tanks	4,38,300
Wells	90 048
Bunds	1,12,252
Irrigation	58,250
Total	13,00,000
Communications	
Roads	4,35,750
Bridges	99,250
Miscellaneous	80,000
Total	595 000
Miscellaneous	
Municipal	12, 650
Port Harbours	12,350
Total	25,000
Grand Total	35,04,000 -

Abstract

7

7. Adverting to the order of the 15th October 1867 No. 3189. His Excellency in Council resolves to direct, subject to the approval of the Government of India, that the undermentioned appropriations be debited to the Grant for "Extraordinary Agricultural Works".

			Rupees
Godavery District -	Godavery Delta works		248,100
Kistna — do -	Kistna — do		253,800
Nellore - do —	Pennair Ancient Project		89,000
Madras - do —	Chembrambaukam Tank Project		120,000
— do —	. Madras Water Supply Project		303,800
North Arcot — do —	Cheyaur Ancient Project		20,000
Tanjore — do —	Lower Coleroon Ancient works		43,400
— do —	. Regulating works for the improvements of the River Cauvery		49,000
"Trichinopoly. do —	Vyacondam Extension Project		14,800
Tinnevelly - do —	Srivigoontam Ancient Project		58,100
	For Works	12,00,000	
	For Irrigation Canal	25,000	
	For Establishments	2,75,000	
	Total —		15,00,000

8. The "Reserve", or 80 cent for Minor works has been fixed at Rupees 530,000, or Rupees 50000 above the current year allotment. This excess is owing to the sanctionment for Minor Revenue works estimated at Rupees 500 and under having been increased, on the urgent representations of the Superintending Engineers, from Rupees 112,000 to Rupees 162,000 which will now be distributed to the several Districts in the following proportions.

9. Deducting the above allotments from the Reserve of Rupees 530,000, the amount which

Districts	Military	Civil Buildings	Agricultural	Communications	Miscellaneous Public Imprt	Total
Ganjam	200	500	3000	1000	"	4700
Vizagapatam	500	500	4000	1000	"	6000
Godavery	500	1000	6,000	1000	"	8500
Kistna	"	800	8000	"	"	8800
Nellore	"	500	9500	1500	"	11500
Cuddapah	1000	500	3000	4000	"	8500
Kurnool	1000	500	2000	4000	"	7500
Bellary	5000	500	3000	4000	"	12,500
Presidency	4000	3000	"	"	"	7000
Madras	2000	400	8000	"	"	10,400
North Arcot	400	1000	8000	"	"	9400
South Arcot	"	600	8000	400	"	9000
Salem	150	400	3200	250	"	4000
Bangalore	5000	1,000	"	"	"	6000
Tanjore	"	2000	7500	1500	"	11,000
Trichinopoly	1500	500	5500	500	"	8000
Combatore	1500	1500	1500	1500	500	6500
Malabar	2000	1500	500	1500	500	6000
Wynaad	"	500	"	500	"	1000
South Canara	1000	1000	"	2000	"	4000
Madura	"	1000	3500	1000	"	5500
Tinnevelly	700	1000	3500	1000	"	6200
Total	26,450	20,200	87,700	26650	1000	162,000

which will remain at the disposal of Government on the 1st April next for appropriation to unforeseen and other works will be Rupees 368,000.

10- Under the head "Repairs," the allotments for "Military" "Civil Buildings" and "Miscellaneous Public Improvement" are in excess of the current years Grants by Rupees 15,000, 8,000, and 6000 respectively. The additional provision in Each of these cases is stated to be required to Enable Range Officers to

9 75

to meet demands for absolutely necessary repairs for which the current years appropriations are found to be inadequate. The Judgement under "Agricultural" is the same as that for 1867-68 while the Grant under "Communications" is less by Rupees 63000 consequent on the transfer to Local Funds of the cost of maintaining various District roads which were heretofore kept in repair from the Imperial allotment. Taken as a whole, the Grant for "Repairs" for 1868-69 falls short of that for 1867-68 by Rupees 31,000, and this result the Government

Government regard as satisfactory.

11. The Budget of Establishments, as submitted by the Controller of Public Works Accounts, "Provisional" well prepared, is complete in all particulars, and calls for no remark. The provision under this head for the ensuing year is Rupees 18,74,000, which will be charged to Imperial and Local Funds in the proportions noted in the margin. The Excess of Rupees 7000 over the estimate for the current Official year is explained below.

	Rupees
Imperial, including 3,00,000 for Extraordinary Agricultural works	
District Roads, &c	
Educational Building	1450
Total.	

* Rupees 1867,000

below.

Add

	Rupees
For Chief Engineer for Irrigation and Joint Secretary to Government	28,000
Additional provision for Superintendentiary Conveyancer Officers	4,300
Pay proper of Seconder Officers	7300
Additional provision for Petty Establ^{t}	4038
— Do. for Military allowances of Contr^{r} and for house rent of Deputy Controller	5,688
— Do — for Conservancy Establishments	3,531
	52,857

Deduct

	Rs
On account of reduction in the Salary of Under Secretary to Government	2400
Saving by the absorption of one Superintendentiary Engineer into the 2nd Class	1200
Saving on the Salaries of Taluq Overseers as compared with the current years Estimate	39,540
On account of — personal allowance to the late Superintendent of the Govt Lithographic Press	600
Excess provision in current years Budget on account of the Public Works Store Department — 117	43,857
Net Excess	7,000

12. The sum set apart for "Tools and Plant" is

is Rupees 150,000, which the Government resolve to distribute as follows -

Districts or Departments	Conveyance Establishments	Bandying	New Subsidies: Pleaders	Vakeels	Officers	Canal Establishments	Sundries	Total	Repairs & Improvements	Grand Total
Ganjam	"	"	"	200	"	"	"	200	800	1,000
Vizagapatam	"	"	"	200	"	"	"	200	800	1,000
Godavery	"	"	"	500	"	"	"	500	3000	3,500
Kistna	"	"	1,700	1600	300	"	"	3600	1,000	4,600
Nellore	"	"	200	400	"	"	"	600	400	1,000
Cuddapah	"	"	"	200	400	150	"	750	225	975
Kurnool	"	"	"	200	200	150	"	550	200	750
Bellary	"	"	"	1,000	400	300	"	1,700	325	2025
Presidency	"	"	"	"	50	"	"	50	100	150
Madras, including Water Supply Project	"	"	2000	1000	500	100	"	3600	1100	4,700
North Arcot	"	"	200	500	65	"	"	825	75	900
South Arcot	"	"	150	560	220	150	"	1,070	430	1,500
Salem	"	"	"	800	100	"	"	900	500	1,400
Bangalore	"	"	"	"	"	"	"	"	"	"
Tanjore	"	"	"	1000	100	200	"	1300	1800	3100
Trichinopoly	"	"	"	1000	100	"	"	1100	300	1400
Coimbatore	"	"	"	1,000	"	"	"	1,000	1000	2000
Malabar	"	"	"	500	"	"	"	500	300	800
Wynaad	"	"	"	2000	"	"	"	2,000	1000	3,000
South Canara	"	"	"	500	"	"	"	500	1000	1500
Madura	"	"	"	1000	300	"	"	1300	1800	3100
Tinnevelly	"	"	"	150	100	300	"	1150	450	1600
Total	"	"	4,310	14,900	2825	1350	"	23375	16,625	40,000
General Superintendence Pub. Libraries Store Department	"	"	4000	1,000	"	"	"	10000	20,000	30,000
Supplies from England	"	"	"	"	"	"	"	"	"	80,000
Grand total	—	—	—	—	—	—	—	—	—	150,000

13. The annexed Statement shews that the aggregate amount to be allotted as State outlay on Guaranteed Companies for the year 1868-69 is Rupees 171,400

Guaranteed Companies	For Establishments	For Land	Total
Railway Companies	60810	48590	109,400
Madras Irrigation & Canal Company	29,000	33,000	62,000
	89810	81590	171,400

*The Engr. enters Rupees 29200 in his budget estimate - To make up round numbers, this has been reduced to Rupees 29,000 -

14. The Budgets of Local Funds provide for an Expenditure of Rupees by Officers of the Public Works Department, classified as under -

Funds	New Works	Repairs	Establishment	Estate
District road, &c.				
Educational Building	11,500	3,300	1,480	16,280

15. No allotment is made in the District Road Fund Budget for "Labour and Plant" but will be considered in the Revenue Department when any special provision under this

this head is not absolutely necessary.

16. The annexed abstract shews the distribution of the Imperial and Local Funds assignments over the several parts of the Budget.

Items

Items	Military		Civil Buildings		Agricultural		Communications		Misc. Pub. Improvements		Total		Total		Grand Total
	Imperial	Local Funds	Imperial	Local Funds	Imperial	Local Funds	Imperial	Local Funds	Imperial	Local Funds	Imperial	Local			
Part II. New works															
Grant for minor works															
Part III. Repairs															
Total for New works & Repairs															
Part IV. Establishment.															
Part V. Tools & Plant.															
Part VI. Sale Expenditure on works of the Madras Ry Co															
— do — on Railways															
Grand total															

1

2

3

Great Southern Road

Madras Railway

Bengal Nagpur Railway

Bombay Baroda & Central India Railway

Eastern Bengal State Railway

Assam Railways & Trading Co.

Kharagpur Railway

Tirhoot State Railway

Oudh & Rohilkund Railway

Rajputana Malwa Railway

Great Indian Peninsula Railway

Bombay Baroda & Central India Railway

Eastern Bengal State Railway

Assam Railways & Trading Co.

Kharagpur Railway

Tirhoot State Railway

Oudh & Rohilkund Railway

Rajputana Malwa Railway

Great Indian Peninsula Railway

Bengal Nagpur Railway

Madras Railway

Great Southern Road

18. Superintending Engineers will be careful to impress upon their Executive Officers that except under the special sanction of Govt., as entered in the outgoing budget, no work should be commenced during the ensuing year unless the plans and estimates have been submitted and approved of, or its prosecution has been duly authorized.

19. The Government of India having ruled that the plans and estimates of all Military Buildings which are not in accordance with the standard designs circulated by that Government, or for which no standard plans have yet been furnished, shall be forwarded for the approval of the Right Honorable the Governor General in Council, the Government request the Superintending Engineers concerned to submit at once a statement in the form given in the margin of all Military works entered in the outgoing Budget which are proposed to be ~~Commenced~~ commenced on the 1st April next

Return

Statement of Plans and Estimates for Military Buildings which are not in accordance with the Standard designs furnished by the Public Works Department, and for which no Standard designs have yet been furnished by that Department.

Name of Station	Description of Building	Estimated Cost	Remarks

14 80

next, and for which the plans and estimates have been sanctioned or are now under the consideration of this Government. In the event of the plans, Estimates or Specifications of any of these works having been returned to the Superintending Engineers the Government request that they may be resubmitted as Endorsures to the Statement now called for.

20. Bearing in mind the orders contained in the preceding Paragraph

Superintending

Superintending Engineers will be careful, in hereafter submitting plans and Estimates for Military works, to adhere strictly to the instructions contained in the Desp. of Sec. noted in the Margin.

No 3020 of 27th September 1867
" 3370 " 31st October 1867

21. His Excellency in Council regrets that it has been found absolutely impossible to provide funds for the undermentioned works which are entered in the Military Budget submitted with the Deputy Quarter Master General's letter recorded in Sec. No. 3108 dated 8th October 1867.

Rs.

Raising the roof and enlarging the Hospital of the 19th Regt Native Infantry at Sanwl-ottah — 7000

Rest House for Troops at Goody — 5000

Stables for the Horses of the Royal Artillery at the Mount — 30120

Drainage of the Cavalry Lines at Arcot — 6650

Stabling for 182 Horses of the Royal Horse Artillery at Bangalore — 21840

— Do — for 220 horses of the Artillery on the Race Course at Bangalore — 26400

Converting present Infantry Barracks at Bangalore into Commissariat Store-rooms, with Offices for the Commissariat and Medical departments — 24700

Stables for the horses of the Battery Artillery at Trichinopoly — 17500

Cliffs' Kitchen ranges for the Barracks at Wellington — 6112

Quarters for three Apothecaries at Wellington — 25500

Dry earth system of Conservancy at Wellington — 4267

Subsidiary buildings for the Artillery at Cannanore — 27330

The

22. The works noted in the margin, which are also entered in the Quarter Master General's list, estimated to cost less than Rupees 2500 and it has accordingly been omitted from the budget under para 9 of the budget orders

Two new Cabinets in Masoolah
Pettah at Trichinopoly
Ground Powder Magazine at Cannanore

23. Adverting to the order of the Sec.y of State's records in force 3162, under date the 12th October 1859, His Excellency in Council has resolved to provide a sum of Rupees 3 lacs on the 3rd division towards 2nd ditto ditto ditto out going budget for the completion of that portion of the Mail line of road between Madras and Calcutta

Which

which lies in this Presidency. The Superintending Engineers concerned will prepare and submit without delay the requisite plans and estimates, which should be complete in every particular, and include the probable unexpended balances on the 1st April next of all such estimates as have been sanctioned or are now in course of execution.

24. The plans and Estimates for the construction of Barracks for

for a Second Fold
Battery at St. Thomas'
Mount for which
Rupees 37370 are available
during the current Offi-
-cial year should be
submitted without fur-
-ther delay. This re-
-mark applies Equally
to the "Recreation room
" at Trichinopoly upon
which the Superin-
-tending Engineer states
that Rupees 2780 will
probably be Expen-
-ded by the 31st
March next-
25. The estimate
for the New Central
Jail at Vellore has
been

been received and
is now under
consideration in
the Judicial
Department.

Floors for the Jails
at Ft. St. Mary
and Cuddalore
and for the
New Central

Central Jail at Trichinopoly should be speedily laid before Govern-ment.

26. It appears from the Budgets of the Superintending Engineers of the 2d & 4th

5 & 6 Divisions and of the Officer in charge of Public Works operations in the Wynaad that the estimates for the works noted below are likely to be exceeded. Supplemental estimates should accordingly be at once submitted, accompanied with the prescribed comparative statements and with full and satisfactory explanations of the causes of excess in each case.

		Sanctioned	Probable Excess
Bangalore.	Two male Pavilions of the Race Course Garrison Hospital	150,000	25,000
Do.	Administrative rooms & Accesses in Do	25,100	7,900
Do	Two separate wards in Do	27,200	8800
Do	Water water supply project	72,000	58,000
Nellore	Channel from the Pinkalaghery river to the Chennur Tank, &c	13,910	22,090
North Arcot	Amend acqs the Ninjel Nagyu, &c	9,000	6,000
Tanjore	Canal between Negapatam & Karaikkin	70,410	28750
Trichinopoly	Road from Trichinopoly to Salem via Jorrion	60,000	5,000
Do	Dindigul road	13,800	6,800

Wynaad

	Land Locks	Portable Buoy
Mynaad - Periah Island Row Foore —	78,000	76,000
Do — Road from Sytherg to Culpetty -	41,400	3,530

27: Modified Standard plans for Talug Cutcherries having been circulated with the order of the 18th November 1867, No. 3652, the Superintending Engineers concerned will prepare and submit at an early date revised estimates for the buildings of that class which are entered in the outgoing budget, as well as for such others as it may be in contemplation to provide hereafter —

X

27½ For the reasons set forth in the correspondence recorded on the order of the 30th April 1867, No 1804, the Govt have not thought it advisable to make any provision for the road from Rajagadda to Kumbarakole in the Estimate for the ensuing year.

28: It will be considered in the Marine Department whether the sum of Rupees 4700 which is required for the erection of a wharf near the Sea Custom House at Cocanada cannot be provided from Port Funds.

29: The estimate for the improvement of the roads in the Rumpah country is Rupees 18,400. Of this amount the Superintending Engineer of the Division estimates that Rupees 14923 will be expended by the 31st March next, leaving a balance of Rupees 477 to be provided next year. The Govt will be prepared to

to allot this item from the main works Grant under "Communications" and they have accordingly omitted the estimate from the outgoing budget.

30. Rupees 6342 are entered in the budget of the Superintending Engineer of the 1st Division as required for Irrigation works from the Eellore High Level Canal. No plans and estimates for these works have yet been submitted, and as the Grant under "Agricultural" for the

and

And that a special provision of Rupees 50000 has been made for the extension of irrigation under the Eellore Canal, the Govt have considered it advisable to omit this small item from the General budget estimate.

31. The estimates for the undermentioned works in the Kistna District have been struck out of the Budget with reference to the orders contained in the Pro. of Government of the 13th July 1867 No. 2165

	Rupees
Drainage of a tract of country from Lankapilly to the Tidal Creek	20,740
Channel along the Sultanagaram Swamp to Said ridge	2462

32. The road from Nellore to the Dore-
-nal Pass in the
Nellore District, and
from Nundial to
Chajulmurry in the
Kurnool District, ap-
-pearing to be essentially
local lines, the question
of completing them from
the district road cess collec-
-tions has been referred to
the Revenue Department.

33. The roads from
Bellary, thro' Cumbadoor,
to the Ingoore frontier,
and from Anantapur to Tadpatri
are

are entered in the budget
of the Superintending
Engineer of the 3rd Division
with an allotment of
Rupees 20000 in each
case. Major Moberly will
observe on reference to
the Revenue Proc. of the
2nd November 1867 No 2593
that funds for these
works have been provided
in the Supplemental
Local Fund Budget of
the Bellary District for
the current official year

34. The sum of Rupees
6000 entered in the bud-
-get of the Superintending
Engineer of the 3rd Division
for

for "Lightning Conductors to the Buildings in the Convalescent Depot at Ramandroog" has been allowed to stand, but Major Moberly will be careful to see that Conductors are provided only for such of the buildings as are actually ~~occupation~~ inhabited.

35. The small sum of Rupees 329 which is required to complete the works under execution at the Salt Cotaurs at Madras upon the Estimate of Rupees 61300 sanctioned in June 2040 of

25th July 1863, will be granted, if necessary, from the Revenue of 1868-69.

36. The Presidency College is under construction from money allotted from Educational Building Funds, and the work limited thereto have appeared to the Superintending Engineer's budget estimate, which limited he restricted to Imperial works. His attention will now be drawn to para 60 of the Proc. of Govt. of the 14th December 1866, No 3938, and he will be informed that

that the question of providing money for the completion of this work is now under consideration in the Educational Department.

37. As the amount of the sanctioned estimate* for the proposed alterations and improvements to the Deputy Police Court is estimated at Rupees 2500, the entry of the work in the Budget of the Superintending Engineer of the 4th Division was irregular.

* Rupees 2380. See Jour. 3777 dated 28th November 1866

Adverting

Jour. 879. of 18th March 1867

38. Adverting to the order of the Government of India regarding the provision of funds for the construction of a General Post Office at Madras, His Excellency in Council observes that as a design for that building has not yet been prepared, a grant of money, even if funds had been forthcoming during the current official year, would have been of little use, and it has been found impossible to divert to this object any portion of the small

buildings sanctioned for Civil Buildings for 1868-69.

Looking to the heavy demands on account of Central District and Subsidiary Jail accommodation throughout the Presidency for which provision has to be made by this Government, His Excellency in Council has been reluctantly compelled to make the estimate for the Jail Department from the outgoing budget but relies upon the favour of India sanctioning a Special Grant of Rupees 50000 to that work from the resources at their disposal.

Rupees

39. Rupees 50000 are entered as the computed outlay upon the "Lunatic Asylum at Kolapaur" up to the close of the current year and a further sum of Rupees 50000 is provided for expenditure on the work during 1868-69. The Superintending Engineer of the 4th Division will expedite the submission of the plans and estimates with a view to their being forwarded, if necessary for the sanction of the Government of India.

The

40. The estimates amounting in the aggregate to Rupees 21230 for providing Subsidiary Jail accommodation in the 1st, 3rd and 4th Ranges of the Madras District have been omitted from the Budget, as funds for the completion of the works during the current official year have been allotted by transfer in the order of the 4th November 1867 No. 3444.

41. An allotment of Rupees 6000 having been made during the current year for the Trivellore Taluq Cutcherry Rupees 8000 have

been provided for the work in the outgoing budget.

42. The roads in the North Arcot District noted in the margin being District lines of Communication and no money being available from Income Tax Grants for appropriation to these works the Government are of opinion that they should be completed from Local Funds.

Amount req. for completion	
11150	Improving the road from the town of Tripatty to the Railway station and the town of Calastry
4400	Road from Kukatcherry to join the Calastry road at Garapett
17500	Road from Calastry to Raidorpett

43-1. The estimated cost of the regulating works for the improvement of the river Cauvery in Tanjore is

is Interested by the Superintending Engineer at Rupees 350000 - This has been altered to Rupees 99,150 with reference to the order of the 11th March 1867 No 775. Revd.

44 - The Superintending Engineer of the 6th Division shews that under Jono 631, of the 23rd February 1866, a sum of Rupees 11289 has to be repaid to Local Funds on account of Expenditure incurred from that source on the road from Erichi-Mapsoly to Salem, via of Torrion - The Government Ja

authorize

authorize Captain Oakes to defend this amount from any unexpended balances that may remain at the close of this current Official Year from Imperial allotments other than those under Military and "Agricultural" new works reporting his proceedings for confirmation.

45 - The works noted in the margin are brought forward in the budget of the Superintending Engineer of the 6th Division

Before

Trichinopoly
Masonry drains for the Lines of the 2nd Dpt. No 1
— Do — of the 23rd — do — 2 — 1

Before taking the estimates for these works into consideration, the Govt. desire to be furnished with information as to the plan on which the drains are proposed to be built, the materials to be employed in their construction, the water supply to secure them, &c.

46- The embankments & roads in Coimbatore dist. in the Wynaad are in progress, but as the estimates have not yet been sanctioned, the Government request that they may be prepared

prepared and forwarded for approval with as little delay as practicable.

Improvements to the Bowally road towards the Mysore frontier.

Road from Manantoddy to the Coorg frontier.

Do— from Cullpully to Sultan's Battery —

47. Rupees 2216 are entered in the Quarter Mas.-ters General's list as required during the ensuing year for the "Travancore Boundary" at "Cannanore", but as the work is not brought forward in the budget of the Superintending Engineer of the 7th Division, the Government presume that the building is expected to be completed before the 1st April next.

48

48. The remark in para 46 above applies to the work noted in the margin, for which Rupees 3000 have been allotted in the order of the 31st October 1867 Re 3373-

Additions to the Subsidiary Jail at Mamantoday Ignored

49. The arrangement of Part III of the Budget under "Communications" has in some cases been considerably altered by the Superintending Engineers. Such alterations are very

very inconvenient, and as they entail a certain additional labour in the preparation of the General Budget estimate, the future direction that they may not hereafter be made, except under special authority, which should be previously obtained. Where no such authority exists, the items should be detailed in accordance with the sanctioned budget of the previous year.

50. The maintenance grants for the roads from

from Porur to Coimbatore
via the Madras District
and from Vellore to Arnee
in North Arcot, have
been increased from
Rupees 2440 and 3470
to Rupees 2435 and 6325
respectively, in accordance
with the orders noted in the margin

51. As the cost of
maintaining all the
trunk lines will here-
after form a charge
against Local Funds,
the Grant for "Special
Repairs to roads" in
Tanjore

No 364 - dated 4th
February 1867.

28

Tanjore has been reduced
in the outgoing budget
from Rupees 20,000 to
Rupees 5000 -

52. The current years
Grant for the main-
tenance of that portion
of the road from the
Mysore frontier at Tippa-
candoo to Arcacode which
lies in the Wynaad is
Rupees 3069. Of this
amount, Captain Kennedy
enters only Rupees 2250
but no explanation is
offered of the grounds
on which the reduc-
tion has been
made.

The

53 The annexed Statement shews the amount which will be available in each District from Imperial and Local Funds on the 1st April 1868.

Districts	Original books	Memorandum estimated by and Captain 500 Rupees	Pipanis	Tools and Plant	Total
Ganjam					
Vizagapatam					
Godavery					
Kistna					
Nellore					
Cuddapah					
Kurnool					
Bellary					
Presidency					
Madras					
North Arcot					
South Arcot					
Salem					
Coimbatore					
Trichinopoly					
Tanjore					
Madura					
Tinnevelly					
Malabar					
Canara					
Nilgiris					
General Superintendent Public Works Stores and Workshops					

30

54. The estimated Expenditure from guaranteed capital, after deducting the probable receipts from sale of Stores, &c, is Rupees 72,02,767. viz.

	Rupees
Madras Railway	60,72,000
Great Southern of India Railway & Erode Extension	8,72,000
Madras Irrigation & Canal Company	16,60,000
	86,04,000
Deduct receipts as estimated by the Railway Authorities, from sale of Stores, &c. to be credited to Capital	14,01,233
— Do — by the Madras Irrigation and Canal Company's Authorities from — Do — Do — "	14,01,233
	72,02,767

55. The Budgets of Local Funds, including the proposed outlay by Public Works Officers, will shortly

shortly be printed and
circulated for general in-
-formation -

Pub. Works dep.t

No. 3951 98

To

The Secretary to the Govt.
of India
Pub. Works dep.t

Sir,

Under the orders
of His Excellency the
Governor in Council, I
have the honor to for-
-ward the Madras
Public Works Budget
for the year 1868-69, pre-
-pared in accordance with
the instructions commu-
-nicated in the Circular
of the Government of
India

India No 108 dated

28th October 1867.

2.

The Expenditure

from Imperial

Revenues, whether

by Loan authorized or

Guaranteed Railways

Rupees 90,09,400

which has been

distributed as follows.

Main Heads of Service

Minor Heads

		Works not commenced		Incomplete Works		Total of two previous columns		Grand Total
		Number	Amount allotted	Number	Amount allotted	Number	Amount allotted	
							Rupees	
New Works	Military						110,000	10,30,000
	Civil Buildings						125,000	
	Agricultural						2,00,000	15,63,000
	Communications						90,000	
	Mis. Pub. Impt.						6,000	
							5,30,000	
Defences	Military							1,70,000
	Civil Buildings							110,000
	Agricultural							10,75,000
	Communications							10,65,000
	Mis. Pub. Improvement							30,000
								24,50,000
Establishments (Exclusive of pro-fession debitable to Capital Account)								150,000
Tools and Plant								62,000
Stores entlay in connection with Railways								1,09,400
— Do —								90,09,400

Mann

Heads	For 1867-68	For 1868-69	Less	More	
New Works — Military	940,000	920,000	20,000		
New Works — Civil Buildings	644,000				
New Works — Agricultural	13,00,000	13,63,000	"	63,000	
New Works — Communications	5,95,000				
New Works — Mis. Pub. Impt.	25,000				
New Works — Reserve	4,80,000	530,000	"	50,000	
Repairs — Military	155,000	170,000		15,000	
Repairs — Civil Buildings	102,000	110,000		8,000	
Repairs — Agricultural	1075,000	1075,000	"	"	
Repairs — Communications	1128,000	1065,000	63,000	"	
Repairs — Mis. Pub. Impt.	24,000	30,000		6,000	
Establishments inclusive of Rs 2 3/4 lacs to be charged to the Grant for Extraordinary Agricultural works, and Exclusive of that Provision debited to Local Funds	1820,000		20000	"	
Tools and Plant — including Rs 25000 to be charged to the grant for Extraordinary Agricultural works	159,000	150,000	9,000	"	
State outlay in connection with the Ingrass Canal	42,000	62,000	"	20,000	
Total	84,89000	87,00,000	112,000	523,000	

* Credit will be taken for this amount in the Public Works Budget.

† Public Works Budget, Rs 3,75,000, for Irrigation Canals, Rs 111,000 for Calcutta Improvements, Rs 38,000 for Embankments.

‡ Vide Appendix 1867-68 Estimates.

§ Vide Annexed Comparative Statement.

Items decreased as a whole, the provision for Major Works Imperial - for 1868-69 is in excess of the Current Years appropriations under that Head of Service by Rupees The items of increase and decrease are noted below

		1867-68	1868-69	Less	More
Military	Accommodation for Troops	606,842			
	Ordnance	75,900			
	Commissariat	78,158			
	Stud	5,000			
	Staff	179,100			
	Total	940,000			
Civil Buildings	Jails	432,356			
	Collectors & Taluq Cutcheries	99,000			
	Court Houses	40,848			
	Ecclesiastical Buildings	23,000			
	Police Buildings	31,674			
	Salt Do	222			
	General Do	36,900			
	Total	624,000			
Agricultural	Irrigation Canals	1138,396			
	Tanks	90,048			
	Dykes	13,297			
	Drainages	53,259			
	Grants	5,000			
	Total	1300,000			
Communications	Roads	435,750			
	Railways	99,250			
	Canjeeveram Canals	60,000			
	Total	595,000			
Miscellaneous Public Imps.	Municipal	12,650			
	Port & Harbours	12,350			
	Total	25,000			
	Grand Total	3504,000			
	Net Excess				404,000

5 .... Of the Imperial works which are included in Part II, the following require the Sanction of the Government of India, as the estimated cost in each case is likely to exceed 2 Lacs of Rupees

1st, 2d and 4th Divisions } Great Northern road. Mail line from Madras to the Bengal Frontier at Cuttack

Nellore - Sunwapally channel Project.

Presidency - Lunatic Asylum at Madras

Trichinopoly - Central Jail at Trichinopoly

Coimbatore - Lawrence Asylum buildings

Tinnevelly - Sheveyjountam Anicut Project

6. The plans and estimates for Items 2 and for a portion of Item 5 have been already submitted; those for the remainder will be forwarded as soon as they are ready.

7. The allotments in Part III under "Military" and "Miscellaneous Public Improvement" will for as remark, Except that care will be taken that no work proposed for execution next year under the former of these heads shall be commenced, unless

unless the plans are in accordance with the standard designs furnished by the Government of India, or have received the formal sanction of the Right Honorable the Governor General in Council.

8. The appropriations under "Civil Buildings" include allotments aggregating Rupees for the provision of Jail accommodation in the Districts noted in the margin. Large as this appropriation may appear to be, I am to state that it is altogether incommensurate with actual requirements.

The

the conditions of the numerous Subsidiary Jails throughout the Presidency is such as to call for immediate attention, and this Government, with a view to the subject being brought before them in a full and comprehensive form, have appointed a Committee of Officers specially to enquire into the matter. Detailed reports of the results of that Committee's deliberations are now being received, and this Govt. will write

with a view to carrying out the provisions most urgently required in some of the stations of the Madras and Salem Districts have, with considerable difficulty, and only by postponing the Execution of other important works of public improvement, allotted a sum of Rupees 3,1960 by transfer during the current Official year, and have provided a further Grant of Rupees +110,000 in the ensuing budget; but to give full effect to the Committee's recommendations with regard to the Subsidiary Jails

+ Inclusive of Rs 69,000 on account of Tahsildars' and Dy Tahsildars' Cutcherries in the Salem Dt.

Jails and these and in other Districts, His Excellency in Council feels that it is indispensably necessary that the comparatively small sum which is available for appropriation to Civil Buildings should be supplemented by a further special Grant and I am to express His Lordships' earnest hope that when the subject is brought more at length before the Government of India thro' the Judicial Department the

the necessity for immediate action, being recognized His Excellency the Governor General in Council will readily supplement the funds at the disposal of this Government by such an additional allotment as it may be in the power of the Government of India to make.

9. Adverting to the orders of the Government of India regarding the provision of funds for the construction of a General Post Office at Madras, I am to state that

No. 237 A dated 26th February 1867

that a decision for any
that building has not
yet been prepared
a grant of money, even
if funds had been forth-
coming during the current
year, would have been
of little use. And I am
now to state that it
has been found impossible
to divert to this object
any portion of the small
allotment for Civil Buildings
for 1868-69. Looking to the
heavy demands on ac-
-count of Central, District
and Subsidiary Jail accommo-
-dation in the several Districts,
for which provision has to
be

~~made by the Govern-~~
~~-ment, His Excellency in~~
~~Council has been reluctantly~~
~~compelled to cancel the~~
~~extracts from the Jeneral~~
~~Post Office from the~~
~~outgoing budget, relies~~
~~upon the Government~~
~~of India agreeing a~~
special grant of Rupees
50,000 to that work from
~~the Revenues of other~~
~~districts~~ when the design which
is now in the hands of Mr Chisholm is ready.
B. The grant under
Agricultural accounting
to Rupees 30 lacs, has been
distributed as follows,
subject to the approval
of the Government of India.
Extraordinary

Extraordinary - Rupees 15,00,000

		Rs. Lacs
Godavery Dt.	Godavery Delta Works	248,100
Kistna Do.	Kistna Do	253,800
Nellore Do.	Pennair Anicut Project	89,000
Madras Do.	Chembrambakam Tank Project	120,000
Do.	Madras Water supply Project	303,800
North Arcot Do.	Cheyaur Anicut Project	20,000
Tanjore Do.	Lower Coleroon Anicut Works	43,400
Do.	Regulating works for the improvement of the river Cauvery	49,000
Trichinopoly Do.	Vegacondan Extension Project	14800
Tennevelly Do.	Sreevygoontam Anicut Project	58100
	For Works	12,00,000
	For Tools and Plant	25,000
	For Establishments	2,75,000
	Total	15,00,000

Effective Provision

New Works	1,63,000
Grant for Minor Works	2,00,000
Sale outlay in connection with the Pharma Irrigation and Canal Company	62,000
Repairs	10,75,000
Total	15,00,000

In the selection of works for execution from the Extraordinary Grant of 15 lacs of Rupees this Government have been guided by the principle which has been followed in the orders of the Govt. of India distributing the current year's appropriation. A fair proportion of the cost of the Public Works Establishment and of the estimated outlay on Tools and Plant has been debited to this allotment.

12. The grants under "Communications" are almost

almost entirely for
incomplete works, which
absorb no less than
Rupees out of an
aggregate original
of Rupees

13. In accordance
with Para 11 of the
Circular of the Govern-
ment of India No 108,
of 28th October 1867, an
appropriation of 3 lacs
of Rupees has been made
to that portion of the
Mail line of road between
Madras and Calcutta
which lies in this
Presidency. Advertising
to

to your letter of the 24th
September 1867, No 701 C,
wherein you intimated
that a special allot-
ment would be sanctioned
by the Government of
India on the condition
that a further grant of
2½ lacs of Rupees was
made by the Madras
Government from the
ordinary Public Works
Department, I am to ex-
plain that as the de-
tailed plans and estimates
for the improvement
of the road in question
have yet to be prepared,
and as moreover it will

not

not be possible for the regular Public Works establishment which is framed on a scale suited to meet their ordinary requirements of the Department properly to distribute their Expenditure on a single basis of comparison of an large sum of 5½ lacs of Rupees, the Government have not thought it desirable to make any addition to the special grant of 3 lacs without and indeed it would be impossible to do so — correspondingly reducing the already insufficient allotments for other equally important incomplete

incomplete works.

Part III

16. "The grant for Minor works has been fixed at Rupees 5,30,000 or Rupees 50,000 above the current year's allotment which, as the Government of India are aware, has been found insufficient, being less than the grants for the three preceding years by Rupees 110,000, 86,603 and 154,000 respectively

15. Under the head "Repairs" the allotments for

for "Military", "Civil Buildings" and "Miscellaneous Public Improvement" are in excess of the current year's grants by Rupees 15000, 8000 and 6000 respectively. The additional provision in each of these cases is required to enable the Superintending Engineers to meet absolutely necessary repairs for which the current year's appropriations are found to be inadequate.

The appropriation under "Agricultural" is the same as that for 1868-69, while the grant under "Communications" is less by Rupees 63,000 consequent on the transfer to Local Funds of the cost of maintaining various District roads which were heretofore kept in repair from the Imperial allotment. Taken as a whole, the grant for "Repairs" for 1868-69 falls short of that for 1867-68 by Rupees 34,000.

Part.

16. Part IV, or the Budget of Establishments, amounts to Rupees 18,74,000 chargeable to Imperial and Local Funds in the following proportions—

~~Manner~~—

	Rupees
Imperial	
District road, &c.	
Educational Building	
Total	18,74,000

17. The estimate for 1868-69 under this head exceeds that of the current year by Rupees 7,000, as explained below

For

110

Add	Rupees
For Chief Engineer for Irrigation and Joint Secretary to Government	26,000
Additional provision for Supernumerary Covenanted Officers	4300
Pay proper of Seconded Officers	7,300
Additional provision for Petty Establ[ishment]	4038
Do for Military allowances of Controller and for House-rent of Deputy Controller	5,688
Do for Conservancy Establishments	3531
	50,857

Deduct	Rs
On account of reduction in the Salary of Under Secretary to Government	2400
Saving by the absorption of one Superintending Engineer into the 2d Class	1200
Saving on the Salaries of Taluq Overseers as Compared with current years Estimate	39,540
On account of personal allowance to the late Supt. of the Govt. Lithographic Press	600
Excess provision in current years budget on account of the Pub. Works Service Department	117 43,857
Net Excess	7000

The

18. The sum provided in Part I under "Lords of Plans" is Rupees 150,000, distributed as follows.

For Stores from Europe as per accompanying Indent	Rupees 80,000
Do Tools and Stores like purchased in India and Expenses of landing, shipping and repairing Machinery, &c.	" 70,000

19. Part II, or the Budget Est. of State Expenditure amounts in the aggregate to Rupees 1,71,400; viz,

	For Establishments	For Lands	Total
For Railway Company	60,810	48,590	109,400
Madras Irrigation & Canal	29,000	33,000	62,000
Total	89,810	81,590	1,71,400

20. In their Dispatch of the Financial Department of the 19th February 1886, No. 843, the Government of India sanctioned the entertainment, for two years, of a Surveyor and 4 Leveers at a cost of Rupees 4474 per annum to assist the Deputy Collector of Tanjore in transferring the Land required for the Madras Irrigation Company's Canal and distribution channels. This sanction will expire in November next, but as the Survey in question will be required for

for about eighteen months
longer in the Cuddalore
District. Provision for
his salary and that of
the Clerks for the full
year has been made in
Part II of the Budget
now submitted.

21. The Budgets of Local
Funds received from the
Board of Revenue and the
Director of Public Instruc-
tion provide for an ex-
penditure of Rupees
by Officers of the Public
Works Department.

Items	New Works	Repairs	Establish-ment	Total
District Roads, &c.				
Educational Buildings	11,500	3300	1480	16,280

22. The an-
-nexed abstract
shows the dis-
-tribution of the
Imperial and
Local Funds
appropriations over
the several
parts of the
Budget Items

23. The estimated ex-penditure from guaranteed Capital, after deducting the probable receipts from the sale of Stores, &c. is Ru-pees 72,02,767. viz.

	Rupees
Madras Railway	60,72,000
Great Southern of India Railway & Erode Extension	8,72,000
Madras Irrigation & Canal Company	16,60,000
	86,04,000
Deduct receipts as estimated by the Railway Authorities, from sale of Stores, &c., to be credited to Capital	14,01,233
Do by the Madras Irrigation & Canal Company's Authorities from Do	14,01,233
	72,02,767

Fort St George
20th Decr 1867

Dept 21/12/67 with twenty copies of Budget
five copies of Budget Memo and with Indent
for Stores in duplicate

	Budget Copies	Budget Orders	Budget Letters
Supt. Engr. 1st Div.	16	16	16
Do 2d Do	14	14	14
Do 3d Do	17	17	17
Do 4th Do	18	18	18
Do 5th Do	11	11	11
Do 6th Do	13	13	13
Do 7th Do	19	19	19
Do 8th Do	11	11	11
Captain Kennedy	4	4	4
Controller of P.W. Accts.	16	16	16
Cons: Engr. for Railways	2	5	5
Do for the Dr: of Hull &c.	2	4	4
Manager to the Do	1	4	"
Public Wks. Departments	3	6	6
Marine Department	"	6	6
Revenue Department	3	8	8
Military Do	3	15	15
Accountant General	3	3	3
Genl. Supt. Stores & Workshops	1	2	2
Municipal Commissioners	1	3	"
Boards of Revenue	35	35	35
Inspector General of Police	3	6	6
	196	236	229

	196	236	229
Director of Public Instruction	1	3	3
Subsidiary Jail Committee	1	3	3
W. Fraser Esqre Executive Engineer	1	"	"
Agent, Madras Railway Co.	1	"	"
Officer in Charge of Store Deptt	1	"	"
Right Hon: the Secy of State for India	5	"	"
Government of India	20	"	20
——— Do ——— Home Deptt	10	"	"
——— Do ——— Bengal	5	"	"
——— Do ——— Bombay	5	"	"
——— Do ——— North West Provinces	2	"	"
Chief Engr of Mysore	2	"	"
——— Do ——— of Hyderabad	1	"	"
	257	242	255
Delivered to the Record Deptt	42	45	44
Despts on the 4th	48	Jan 1883	

P. W. 1867 Despatch
Rs: of Govt: for December

No. 3950 & 3951

Rs: of Govt: of Madras:

D/ 20th December 1867

No. 4350 & 458

Letters 1867. 20th Oct.

Proc. of Govt. for December

No. 3950 & 3951

Proc. of the Madras Govt.

Dt. 20th December 1867

Passing orders on the
Budget Lists for 1868/69
submitted by the Supy. Engr.

Forwarding to the
Govt of India the Budget
of P.W. for 1868/69

No. 1360 & 1361