

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.

52

Press

~~Mis.~~

Dated

8 — 1 —

1868

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
8th January 1868.*

No. 101. Read the following Proceedings of the Madras Government in the
Public Works Department :—

Passing orders on Budgets of works proposed
to be undertaken from Imperial and Local
Funds by Officers of the Public Works Department during 1868-69. (Here enter 20th December 1867, No. 3,950.)

No. 102. ORDER THEREON, 8th January 1868, No. 52.

Miscellaneous.

1. Communicated to the Board of Revenue, who will report on the subject of paragraph 15.
2. Their attention is drawn to paragraphs 43 and 45.
3. Works appertaining to the Wynaad division of Malabar will, in future, be shewn separately in the Local Fund Budget.

(True Extract.)

(Signed) W. HUDLESTON,
Secretary to Government.

To the Board of Revenue, with Proceedings Public Works Department, No. 3,950.

✓

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

Read the following papers :—

- | | |
|----------|--|
| No. 435. | From the Superintending Engineer, 1st Division. |
| Do. | do. do. \| (Here enter 24th September 1867, No. 132.) |
| No. 436. | From the Superintending Engineer, 2nd Division. |
| Do. | do. do. \| (Here enter 24th 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 Work-shops. |
| 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. 2,280, dated 18th November 1867, and recorded in G. O. No. 3,603, 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. —.) |

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

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

ACCOUNT, No. 39.

taken 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 Build-ings.	Agricultural.	Communica-tions.	Miscellaneous Public Im-provement.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.
New Works above 2,500 Rupees ...	14,30,854	12,69,188	19,85,331	15,39,720	32,500	62,57,596
Reserve for Minor New Works, esti-mated at Rs. 500, and under ...	26,450	20,200	87,700	26,650	1,000	1,62,000
Reserve for unfore-seen 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	24,95,622
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 COM-MENCED.		INCOMPLETE WORKS.		TOTAL OF TWO PREVIOUS COLUMNS.		Reserve.	Grand Total.
		Num-ber.	Amount allotted.	Num-ber.	Amount allotted.	Num-ber.	Amount allotted.		
			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 Improve-ment	..	.....	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 Improve-ment	..	.....	..	.....	..	.....	.....	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

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

5. Taking into account the sums* originally provided in the Civil estimates

* Rupees 3,75,000 for Works.
" 14,000 for Establishments.

Total .. 3,89,000

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:—

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	13,09,000	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
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 2½ 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

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

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

Heads.	For 1867-68.	For 1868-69.	Less.	More.
	RS.	RS.	RS.	RS.
Civil Build- ings. { Jails	4,32,356	5,10,360	...	78,004
Collectors' and Talook Cut-cherries	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	11,38,896	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
Communica- tions. { 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 { Municipal	12,650	...	12,650	...
Public Im- provement. { 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

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

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.								Repairs and carriage from place to place.	Grand Total.
	Surveying and Mathematical Instruments.	Machinery.	Plant.	Tools.	Office furniture.	Camp Equipage.	Live Stock.	Total.		
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	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
Tinnevely ...	...	...	...	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 Estab-lishments.	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.

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

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.	Establish-ments.	Total.
	RS.	RS.	RS.	RS.
District Road, &c., ...	11,83,950	3,23,800	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.

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

Items.	MILITARY.		CIVIL BUILDINGS.		AGRICULTURAL.		COMMUNICATIONS.		MISCELLANEOUS PUBLIC IMPROVE- MENT.		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 Part V.—Tools and Plant. Part VI.—State expen- diture on works of the Madras Irrigation and Canal Company Do. on Railways											17,14,240 1,50,000 62,000 1,09,400	1,59,760 " " "	18,74,000 1,50,000 62,000 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

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

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.

Tinnevely 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.

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 "

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

	RS.	
* 1st Division	1,00,000	resolved to provide a sum of Rupees 3*
2nd do.	1,00,000	
4th do.	1,00,000	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.

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.

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

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.	Probable Excess.
	RS.	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 Venkatagerry 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, via 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 Cutcheries 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 Mojugudda 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:—

Drainage of a tract of country from Lunkapully to the	rs.
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 Dépôt 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 329, which is required to complete the works under execution at the Salt Cotours 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.

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

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.	43. The roads in the North Arcot District noted in the margin being district lines of communi- cation, and no money being avail- able from Income Tax Grants for appropriation to the works, the Government are of opinion that they should be completed from Local Funds.
Improving the road from the town of Tripatty to the Railway Station and the town of Calastray.	11,150	
Road from Venkatagerry to join the Calastray road at Yarepett.	4,400	
Road from Calastray to Naidoopett... ..	17,500	

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, via 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.

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.

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	1,99,000	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	1,31,091	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	1,34,600	7,000	1,05,180	150	2,46,930
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	1,00,683	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	4,26,236
Wynaad	2,45,200	1,000	33,750	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
Tinnevely	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
Deduct.	86,04,000

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.)

Colonel R. E.

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.

1867 82-52.
For forward to the 18th of Dec.
Do will report on the subject
of para 15.
His attention to

drawn & para 43. & 40.

to be published in the
the Local Division of Madras
in the future to be shown separately
in the Local Fund Budget

Exd. F. R. Bantlemau.

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 Koikoonla. (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 Cooum river.
Do. ...	Anicut across the Nenjel Madoogoo and channels to supply various tanks in the Conjeeveram 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 Tetty.
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 Pooniar 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 Senkurry-droog.
Do. ...	Do. do. at Ootankarai.

1867 82-52.
For forward to the 18th of Dec.
Do will report on the subject
of para 15.
His attention to

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.)
Do. ...	Drainage of the Race Course Barracks.
Tanjore ...	Taking up and re-laying the apron of the south branch of the lower Coleroon Anicut.
Do. ...	Canal between Negapatam and Vedarniem. (Supplemental Estimate).
Trichinopoly	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).
Do. ...	Formation of Dindigul road (do.)
Coimbatore..	Lawrence Asylum buildings.
Malabar ...	Improvements to the Subsidiary Jails.
Malabar Wy-naad.	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 Culpatty to Sultan's Battery.
Do. ...	Bridge over the Padrepoya.
Do. ...	Do. over the Cheriapoya.
Do. ...	Do. over the Cauripoya.
Tinnevely...	New Jail at Palamcottah.
Do. ...	Improvements to the Subsidiary Jails.
Do. ...	Streevygoontam Anicut Project.

No. 10 Jan'y/67 # 152-3.

701-101

Revenue 1868 Depts.
No of Conty for January
#30

Pro: Pub Works Dept

Dated 20 Decr/67
Recd 1 Jan'y/68

No 3950
Enc. One

The

spring orders
etc of works pro-
posed to be undertaken
from Imperial and
Local Funds by officers
of the PWD during
1868/69.

No 101-102

#52-8 Jan'y

With Order L