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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	160-161	Press
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Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
20th January 1875.*

No. 333. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 15th December 1874, No. 759 :—

I HAVE the honor to forward, herewith, the Regular Estimate for 1874-75, and the Budget Estimate for 1875-76, of the Madras Railway, with the following remarks :—

ADVANCES ON CAPITAL ACCOUNT.

Regular Estimate, 1874-75.

2. The totals now furnished differ but little from those of the sanctioned Budget Estimate, the decrease under Engineering expenditure being met by a corresponding increase under the head of Stores. The figures are as follow :—

	Sanctioned Budget Estimate. RS.	Regular Estimate. RS.
Advances	13,06,315	12,71,450
Refunds... ..	15,00,000	15,49,000
Net Cash Demands...	1,93,685	2,71,550

3. A considerable decrease is shown in the protective works to large bridges, owing to the season, and to the delay in the acquisition of the necessary land at the Poiney.

The following comparative statement shows the principal variations in the Engineering Department between the sanctioned Budget and the Regular Estimates :—

	Sanctioned Budget. RS.	Regular Estimate. RS.
Neilgherry Branch	37,500	26,000
Protective works to Poiney bridge	1,22,500	40,000
Do. to Naggery river bank		13,695
Do. to Naggery bridge	31,415	20,000
Proportion of Cheyaur expenditure chargeable to Capital		10,000
Smithy at Perambore	36,000	5,000
Iron and Brass Foundry at Perambore	30,000	5,000
Making ground for do.	5,500	1,000
Loading gauges... ..	9,679	
Refreshment-rooms at Tripetty, Cuddapah, and Ghooty.	17,477	
Total...	2,90,072	1,20,695

4. The following items call for remark :—

Schedule A.

(a.)—A saving of Rupees 18,132 will be effected on the estimate for protective works to the Goriatum bridge, as in rebuilding the portion of the bridge which was destroyed during the late floods at the cost of Revenue, the foundations will be taken down to a hard stratum. As the year is now well advanced, and the weather still continues unfavourable, it is thought that this amount may be deducted from the estimated expenditure on protective works in the Regular Estimate.

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(b.)—The amounts to be charged to Capital of the cost of new bridges 105-11 and 123-23 miles of the South-West Line will be subject to modification accordance with further orders of the Government of India as to the allocation the expenditure.

Schedule B.

- (c) Smithy at Perambore Workshops.
Iron and Brass Foundry at Perambore.
Making up ground for do.
Watering arrangements at Perambore.

The estimates for these works having only lately been referred to the Board of Directors in accordance with the Order of Government, No. 2,200, of 10th August 1874, it is probable that no expenditure will be incurred upon them during the current official year, and the sum of Rupees 13,000 allowed for them may therefore be deducted. For the next year the amounts entered will probably be expended if sanction is received early.

(d.)—Overbridge at Jollarett, Rupees 5,000.—No expenditure is likely to be incurred in this year; the amount should be added to next year's estimate.

(e.)—Fuel Sheds, Rupees 4,000.—Not likely to be expended in this year, and should be struck out.

Steel Rails between New Central Station and Veysarpady Junction.—On the Government this should be charged to Revenue.

(g.)—The amount (Rupees 15,107) for fitting Rolling-stock with means of communication between passengers, guards, etc., may be struck out of the Regular Estimate, as no expenditure is likely to be incurred during the current year. If, in the opinion of the Government of India, this work will be carried out during the ensuing official year, the amount will have to be included in the Budget Estimate for 1875-76, but it has been thought better to leave this question an open one.

5. In accordance with the foregoing remarks the following modifications will be made in the estimates for the current year:—

ENGINEERING DEPARTMENT.

Schedule A.

	RS.
Amount entered by Agent	2,84,387
Deduct on account of Goriattem bridge protective works ...	18,132
	<u>2,66,255</u>

Schedule B.

	RS.
Amount entered by Agent	25,838
Deduct—	
Works at Perambore	13,000
Over-bridge at Jollarett	5,000
Fuel sheds	4,000
	<u>22,000</u>
	<u>3,838</u>

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CARRIAGE AND WAGON DEPARTMENT.

Schedule B.

	RS.
Amount entered by Agent	29,623
Deduct—	
Communication in trains	15,107
	<u>14,516</u>

Schedule E.

6. The Regular Estimate provides for an expenditure of Rupees 7,85,760 against a Budget allotment of Rupees 6,41,249 as follows:—

	RS.
Schedule E	5,75,000
Amount transferred from Schedule C, (Carriage and Wagon Department) for manufacture of stores incorrectly entered ...	66,249
Total...	<u>6,41,249</u>

The increase of Rupees 1,44,511 is due to purchase of Indian coal, to large expenditure in bridge-sleepers, and for temporary bridges, and to purchase of canvas for tarpaulins, owing to delay in transmission of an indent to England.

7. In the estimate of refunds, (Rupees 15,49,000) provision has been made for a portion of the girders and other material which will be used in restoring the breaks on the North-West and South-West Lines, the remainder being entered in the Budget Estimate of the ensuing year.

BUDGET ESTIMATE, 1875-76.

8. The Capital expenditure is estimated by the Agent at Rupees 14,52,677, and Refunds at Rupees 17,00,000.

The following points appear to call for remark:—

Schedule A.

(a.)—The amount entered for Engineer's Department is chiefly on account of protective works to large bridges, and provides for their completion by 31st March 1876. If the next working season be favourable the whole of this expenditure should be incurred.

Schedule B.

(b.)—Overbridge at Jollarett.—The sum of Rupees 5,000 struck out of the Regular Estimate, vide paragraph 4 (d), should be added.

(c.)—The sum, Rupees 80,000, set down for Unforeseen Requirements, (Engineering,) appears larger than necessary, and may, it is thought, be reduced to Rupees 40,000.

There will probably be savings on some other items from which transfers can be made if found necessary. The alterations recommended in this and the preceding paragraphs will reduce the estimate under Schedule B to Rupees 2,00,459.

Schedule D.

(d.)—Chief Auditor's Department.—Two additional Travelling Auditors have been entered at an annual charge of Rupees 4,200. These are considered necessary with a view to more frequent inspection of station accounts.

(e.)—Medical Department.—Rupees 50 per mensem has been entered for a Company's Physician at Perambore, an appointment which it has been thought desirable to revive.

(f.)—*Police Department*.—An increase appears in the numbers of some ranks but the total charge remains the same. The numbers entered are those actually employed at the present time.

(g.)—*Electric Telegraph Department*.—The number of Signallers has been increased from 72 to 86, at an entire cost of Rupees 1,000 per annum. The Traffic Manager explains that this increase is owing to the larger number of night stations brought about by the accelerated speed of Mail trains.

(h.)—*Locomotive Department*.—The salaries of the 1st and 2nd Assistants have been entered at Rupees 819 and Rupees 410 per mensem, respectively, but in the Order of Government, No. 1,404, dated 27th May 1874, salaries of Rupees 541 and Rupees 364 per mensem were sanctioned to remain in force till the end of 1875. The Agent explains that the sums entered represent the maximum salaries sanctioned for the appointments, but it has been arranged that in future only the salaries in force at the time should be entered.

(i.)—*Traffic Department*.—The estimate in this department would seem to be excessive, and in the Revenue Estimate allowance will be made for this.

Schedule E.

9. The amount entered for Stores provides for considerable purchases of Indian coal, which has been found by experiment to be economical.

10. With the modifications recommended in the foregoing paragraphs, the estimate of cash expenditure in India will be as follows:—

CAPITAL OUTLAY.				Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
<i>Engineering.</i>				RS.	RS.
Sanctioned works	...	...	...	2,66,255	2,61,259
Unsanctioned do.	...	...	...	3,888	2,00,459
Minor do.	...	...	...	37,383	24,950
<i>Locomotive.</i>				RS.	RS.
Sanctioned works	...	...	...	1,450	
Unsanctioned do.	...	...	...	14,500	6,000
Minor do.	...	...	...	1,334	508
<i>Carriage and Wagon Department.</i>				RS.	RS.
Sanctioned works	...	...	...	21,131	8,417
Unsanctioned do.	...	...	...	14,516	34,626
Minor do.	...	...	...		
Establishments	...	...	...	66,994	76,808
Stores	...	...	...	7,85,760	8,04,650
Total...				12,16,211	14,17,677
Refunds	...	...	...	15,49,000	17,00,000
Net Cash Demands	...	...	...	3,32,789	2,82,323

REVENUE ACCOUNT.

Regular Estimate, 1874-75.

11. As compared with the sanctioned Budget Estimate, a large reduction is shown in receipts with an increase in expenditure. The earnings have been based on the figures for the first seven months of the year; and as through communication on the North-West Line for goods has not yet been restored, it is considered that the average receipts for the last five months of the year will not exceed those of the previous months, and that the figures entered by the Agent may be accepted.

12. The expenditure, however, will be still further increased by the repairs to bridges on the North-West and South-West Lines damaged during the late floods. The total cost of repairs, according to estimates which will shortly be submitted, will amount to Rupees 2,96,307, of which it is anticipated Rs. 2,22,231 will be expended in the current year, and Rupees 74,076 in 1875-76. As explained in paragraph 8 (i) it is considered that some reduction may be made in the estimates of traffic expenses; and judging from the expenditure already incurred, it is probable that the sum of Rupees 6,00,000 will be sufficient. A deduction of Rupees 93,792 will therefore be made under this head. The total working expenses will then be:—

Agent's Estimate	...	...	...	...	...	RS.
Add expenditure on bridges	...	...	...	...	...	39,56,337
	...	...	...	...	...	2,22,231
Deduct on account of Traffic Department	...	...	...	...	...	41,78,568
	...	...	...	...	...	93,792
Total expenditure	...	...	...	...	...	40,84,776
Gross earnings	...	...	...	...	...	59,21,500
Balance...	...	...	...	...	...	18,36,724

BUDGET ESTIMATE, 1875-76.

13. The gross revenue is estimated by the Agent at Rupees 60,21,500, or one lakh in excess of the estimate for the current year. Considering that the breaks on the North-West Line will probably be restored early in the official year, it is thought that a further sum of one lakh may be added under goods traffic, making the total estimated receipts Rupees 61,21,500.

14. The expenditure will be increased by Rupees 74,076 on account of repairs to bridges, and as for the current year a deduction of Rupees 93,792 will be made from the traffic expenses. The estimate will then be as follows:—

Agent's estimate of expenditure	...	...	...	...	...	RS.
Add for repairs to bridges	...	...	...	...	...	40,17,604
	...	...	...	...	...	74,076
Deduct on account of Traffic Department	...	...	...	...	...	40,91,680
	...	...	...	...	...	93,792
Gross earnings	...	...	...	...	...	39,97,888
	...	...	...	...	...	61,21,500
Balance...	...	...	...	...	...	21,23,612

15. Under "General charges" the increase is due to a provision of Rupees 61,143 for renewing wooden telegraph poles between Vaniembady and Puttamby with Siemen's iron standards.

16. The Revenue estimates as revised may be summarised as follows:—

		Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
		RS.	RS.
Receipts...	...	59,21,500	61,21,500
Expenditure	...	40,84,776	39,97,888
Balance...	...	18,36,724	21,23,612
Percentage borne by expenses to receipts	...	69.0	65.3

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CAPITAL ACCOUNT.

Estimate of Cash Expenditure in India on the Madras Railway for the year 1875-76.

	Actuals in 1873-74.	Sanctioned Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
CAPITAL OUTLAY.	RS.	RS.	RS.	RS.
<i>Engineer's Department.</i>				
Sanctioned works as per Schedule A	1,80,310	3,00,074	2,84,387	2,61,259
Works to be sanctioned do. B	82,637	1,85,022	25,888	2,35,459
Minor works do. C	5,652	36,338	37,383	24,950
<i>Locomotive Department.</i>				
Sanctioned works as per Schedule A	...	...	1,450	...
Works to be sanctioned do. B	...	10,500	14,500	6,000
Minor works do. C	...	...	1,334	503
<i>Carriage and Wagon Department.</i>				
Sanctioned works as per Schedule A	11,994	11,299	24,131	8,417
Works to be sanctioned do. B	21,476	35,499	29,623	34,628
Minor works do. C	...	67,583	...	...
Establishments chargeable to Capital as per General Estimate of Establishments D	55,726	85,000	66,994	76,808
Stores as per Schedule E	6,74,569	5,75,000	7,85,760	8,04,650
Total...	10,32,364	13,06,315	12,71,450	14,52,677
<i>Receipts to be credited to Capital Account.</i>				
Shares paid in India	17,72,693	15,00,000	15,49,000	17,00,000
Refunds, etc.	...	...	...	...
Total Receipts...	17,72,693	15,00,000	15,49,000	17,00,000
Net Cash Demands of the year...	7,40,329	1,00,000	2,71,450	2,77,323

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REVENUE ACCOUNT.

Estimate of Revenue of the Madras Railway for the year 1875-76.

	Actuals in 1873-74.	Sanctioned Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
<i>Receipts as per Schedule F.</i>	RS.	RS.	RS.	RS.
Coaching Traffic	24,94,408	25,00,000	24,50,000	25,00,000
Goods do.	34,48,055	37,00,000	32,50,000	33,00,000
State Railway Materials	3,69,260	...	...	...
Electric Telegraph Earnings	18,176	16,000	21,500	21,500
Sundries	2,00,149	2,30,000	2,00,000	2,00,000
Total Receipts...	65,30,048	64,46,000	59,21,500	60,21,500
<i>Expenditure as per Schedule G.</i>				
Maintenance of Way, Works, and Stations	14,62,465	11,36,467	12,40,000	11,95,000
Locomotive Expenses	12,34,071	12,91,540	12,79,015	13,16,027
Carriage and Wagon Expenses	2,16,040	2,98,860	2,41,336	2,40,212
Traffic Expenses	5,77,530	5,75,000	6,93,792	6,93,792
General Charges	4,34,584	4,28,942	4,29,194	4,90,573
Special and Miscellaneous Expenditure	58,129	1,17,000	73,000	82,000
Total Expenditure...	39,82,819	38,47,809	39,56,337	40,17,604
Balance...	25,47,229	25,98,191	19,65,163	20,03,896

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SCHEDULE A.—SANC

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Budget Estimate of the Madras

Details.	Number and Date of Sanction.	AMOUNT OF ESTIMATE.		
		Cash outlay in India.	Value of English Stores.	Total Expenditure.
		RS.	RS.	RS.
ENGINEER'S DEPARTMENT.				
<i>Construction of Line.</i>				
Neilgherry Branch Line ...	G. O. No. 355, dated 6th Feb. 1872. C. E. No. 464, dated 19th June 1872. Do. No. 659, dated 19th Aug. 1872. Do. No. 698, dated 30th Aug. 1872. Do. No. 1,146, dated 1st Dec. 1873.	10,81,859	7,82,613	18,64,472
<i>Bridge work.</i>				
Protective Works, Palar Bridge ...	C. E. No. 898, dated 26th Sept. 1873.	60,493	968	61,461
Do., Poinery Bridge ...	Do. ...	1,82,501	3,430	1,85,931
Do., Goriattum Bridge ...	Do. ...	78,409	2,040	80,449
Do., Naggery Bridge ...	C. E. No. 841, dated 15th Sept. 1873.	43,415	1,823	41,438
Two 30-feet openings with wrought iron girders at 105th mile, 11th Telegraph Post, South-West Line.	Do. No. 489, dated 26th May 1874. Do. No. 827, dated 4th Sept. 1874.	14,211	10,473	24,684
Four 30-feet openings with wrought iron girders at 123rd mile, 23rd Telegraph Post, South-West Line.	Do. No. 489, dated 26th May 1874. Do. No. 891, dated 22nd Sept. 1874.	9,900	7,371	17,271
Bridge over the Huggry River ...	G. O. No. 2,911, dated 16th Nov. 1871.	2,68,058	2,19,700	5,87,758
Protective works to Naggery River Bank at Satravady.	C. E. No. 273, dated 21st March 1874.	13,695	...	13,695
Cheyaur Bridge—Proportion of revised estimate chargeable to Capital.	Do. No. 1,101, dated 17th Nov. 1873.	37,709	75,882	1,13,591
<i>Stations and Buildings.</i>				
Main Drain at Royapooram Terminus ...	C. E. No. 754, dated 19th Aug. 1873.	5,542	...	5,542
Madras Central Station ...	G. O. No. 2,192, dated 22nd July 1867. Do. No. 1,163, dated 17th April 1868. Do. No. 3,189, dated 2nd Oct. 1869.	6,29,679	2,91,076	9,20,755
Alterations and additions to permanent-way, New Central Station.	C. E. No. 550, dated 15th June 1874.	214	10,163	10,377
Doubling the Line between Salt Cotaur and New Central Station.	Do. No. 96, dated 29th Jan. 1873.	29,874	45,233	75,107
Shed over Goods Shed Platform at Vellore Station.	Do. No. 942, dated 9th Oct. 1873.	4,011	3,907	7,918
Additional sidings at Jollarett Station ...	Do. No. 1,159, dated 5th Dec. 1873.	2,908	9,710	12,618
Thirty dwelling-houses for Native Firemen at Jollarett Station.	Do. No. 787, dated 21st Aug. 1874.	5,305	53	5,358
Upper storey to the Station-house at Erode ...	Do. No. 363, dated 22nd April 1874.	6,218	...	6,218
Pothanore Station ...	Do. No. 671, dated 21st Aug. 1872.	23,628	20,871	54,499
Alterations and additions to Arconum Station including Post Office.	Do. No. 388, dated 22nd April 1873. Do. No. 997, dated 22nd Oct. 1873.	10,730	2,177	12,907
Extension of passenger platform and alterations and additions to permanent-way at Arconum Station.	Do. No. 552, dated 15th June 1874.	1,117	5,164	6,281
Resident Engineer's Bungalow at Ghooty ...	Do. No. 489, dated 27th May 1873.	7,540	...	7,540
Over Bridge at Raichore Station ...	Do. No. 530, dated 12th June 1873. Do. No. 793, dated 22nd Aug. 1874.	4,569	2,983	7,552

Public Works Department, 20th January 1875.

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Railway for the year 1875-76.

EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1873-74.			PROBABLE EXPENDITURE DURING THE YEAR 1874-75.			ESTIMATED EXPENDITURE IN 1875-76.			Estimated Expenditure in future years.
Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
7,46,443	7,16,330	14,62,773	26,000	22,000	48,000	18,000	2,000	20,000	...
10,371	151	10,522	30,000	817	30,817	20,122	...	20,122	...
2,469	176	2,645	40,000	3,254	43,254	1,40,032	...	1,40,032	...
291	482	773	40,000	1,558	41,558	88,118	...	88,118	...
16	...	16	20,000	1,023	21,023	23,399	...	23,399	...
...	...	...	6,584	5,000	11,584	7,627	5,473	13,100	...
...	...	...	4,249	4,000	8,249	5,651	3,371	9,022	...
1,24,407	3,26,722	4,51,129	60,336	76,293	1,36,629	...	...	...	...
...	...	...	13,695	...	13,695	...	...	...	...
22,922	57,460	80,382	10,000	15,000	25,000	4,787	3,422	8,209	...
2,936	138	3,074	2,468	...	2,468	...	...	...	...
5,91,768	2,54,226	8,45,994	10,000	12,000	22,000	...	...	...	...
...	...	...	214	10,163	10,377	...	...	...	...
24,096	38,738	62,834	695	...	695	...	...	...	...
1,329	1,180	2,509	2,682	2,727	5,409	...	...	...	...
1,463	6,003	7,466	810	1,963	2,773	...	...	...	...
...	...	...	3,000	...	3,000	2,305	53	2,358	...
...	...	...	5,000	...	5,000	1,218	...	1,218	...
10,696	28,684	39,380	805	...	805	...	...	...	...
8,346	2,177	10,523	755	...	755	...	...	...	...
...	...	...	1,117	5,164	6,281	...	...	...	...
4,732	364	5,096	2,362	82	2,444	...	...	...	...
1,906	2,500	4,406	2,663	483	3,146	...	...	...	...

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Budget Estimate of the Madras

Details.	Number and Date of Sanction.	AMOUNT OF ESTIMATE.		
		Cash outlay in India.	Value of English Stores.	Total Expenditure.
<i>Ballast and Permanent way.</i>		RS.	RS.	RS.
Doubling the Line between Veysarapady Junction and Perambore.	C. E. No. 1,106, dated 18th Nov. 1873.	6,880	37,134	44,014
Renewing the Line between Avenashy and Muddikerry with iron pot sleepers.	G. O. No. 1,644, dated 19th June 1871.	...	1,33,045	1,33,045
Renewing the Line between Muddikerry and Palghant with iron pot sleepers.	C. E. No. 571, dated 25th June 1873.	...	36,782	36,782
Total, ENGINEER & DEPARTMENT...		25,28,465	18,16,798	43,45,263
<i>LOCOMOTIVE DEPARTMENT.</i>				
2 Engines purchased from the Calcutta and South Eastern Railway.	G. O. No. 2,521, dated 5th Sept. 1874.	...	16,798	16,798
Cost of constructing and fitting cow catchers to ten engines.	C. E. No. 786, dated 19th Aug. 1874.	1,450	750	2,200
Total, LOCOMOTIVE DEPARTMENT...		1,450	17,548	18,998
<i>CARRIAGE AND WAGON DEPARTMENT.</i>				
290 Second-class composites and third-class carriages to be fitted with sun-shades	G. O. No. 779, dated 12th March 1870.	16,520	20,560	37,080
2,890 Wagons to be fitted with axle box keeps (oil).	Do. No. 3,068, dated 29th Sept. 1868.	20,230	37,570	57,800
6 Night composite carriages ...	Do. No. 401, dated 8th Feb. 1869.	24,800	39,900	64,700
4 Double saloon 1st-class night carriages.	Do. No. 1,716, dated 17th July 1872.	...	...	...
2 Saloon carriages for His Excellency the Governor.	C. E. No. 703, dated 27th July 1874.	6,700	11,300	18,000
9 Second-class sleeping carriages	Do. No. 436, dated 10th May 1873.	11,610	24,732	36,342
2,609 Wagons to be rendered capable of carrying 9 tons by an additional plate being fitted to each spring.	Do. No. 735, dated 5th Aug. 1874.	12,012	42,559	54,571
	G. O. No. 47, dated 10th Jan. 1874.	...	...	...
	C. E. No. 892, dated 22nd Sept. 1874.	...	...	...
Total, CARRIAGE AND WAGON DEPARTMENT...		91,872	1,76,621	2,68,493
Total, SCHEDULE A...		26,21,787	20,10,967	46,32,754

Public Works Department, 20th January 1875.

Railway for the year 1875-76.—(Concluded.)

EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1873-74.			PROBABLE EXPENDITURE DURING THE YEAR 1874-75.			ESTIMATED EXPENDITURE IN 1875-76.			Estimated Expenditure in future years.
Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
4,954	32,168	37,122	952	...	952	...	...	...	...
...	1,15,070	1,15,070	...	10,000	10,000	...	...	...	...
...	5,685	5,685	...	6,000	6,000	...	8,000	8,000	10,000
15,59,145	15,88,254	31,47,399	2,84,387	1,77,527	4,61,914	2,61,259	22,319	2,83,578	10,000
...	...	...	...	16,798	16,798	...	...	...	...
...	...	...	1,450	750	2,200	...	...	...	...
...	...	...	1,450	17,548	18,998	...	...	...	...
12,230	12,973	25,203	2,149	3,809	5,958	2,141	3,778	5,919	...
13,228	25,429	38,657	4,584	7,440	12,024	2,418	4,701	7,119	...
20,300	39,869	60,169	4,500	...	4,500	...	...	...	...
4,900	10,100	15,000	1,800	1,200	3,000	...	...	...	...
6,405	3,159	9,564	5,205	21,573	26,778	...	...	...	...
...	...	...	5,893	20,880	26,773	3,858	13,670	17,528	10,270
57,063	91,530	1,48,593	24,131	54,902	79,033	8,417	22,149	30,566	10,270
16,16,208	16,79,784	32,95,992	3,09,968	2,49,977	5,59,945	2,69,676	44,468	3,14,144	20,270

Proceedings of the Madras Government,

SCHEDULE B.—WORKS

CAP

Budget Estimate of the Madras

Details.	Number and Date of Sanction.	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1873-74.		
		Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.
ENGINEERS DEPARTMENT.							
Bridge Work.							
Additional amount requiring sanction for the Huggry Bridge		39,334	10,687	50,021	...	...	...
Stations and Buildings.							
Piping for water-supply at the Royapooram Station		2,420	6,930	9,350	...	...	...
Do. do. at Salt Cotaars		1,436	5,438	6,874	...	...	...
Smithy at the Perambore Workshops.		26,606	75,551	1,02,157	...	...	...
Iron and Brass Foundry at Perambore Workshops		13,659	19,100	32,759	...	...	...
Making up ground for Smithy and Foundry, and additional permanent-way and Carriage Turn-table at Perambore Workshops		6,255	4,368	10,623	...	...	...
Watering arrangements at Perambore		15,863	43,238	61,101	...	...	...
Loading ganges required for stations on the open line of Railway.		9,684	468	10,152	...	...	...
Additional Guards' Barracks at the Salem Station		5,602	122	5,724	...	...	...
Additional siding required by Traffic Department at Mullapooram Station		1,388	5,653	7,041	...	...	...
Over-bridge at Jollarpett Station		10,700	900	11,600	...	...	...
A covering 140 feet long for goods transshipping platform at Jollarpett Station		5,800	14,300	20,100	...	...	...
Fuel sheds to contain 4,000 tons (sites not finally determined)		31,000	2,800	33,800	...	...	...
Guards' Bungalow at Cuddapah		5,800	...	5,800	...	...	...
Do. at Arcconum		5,800	...	5,800	...	...	...
Ballast and Permanent-way.							
Renewing with steel rails between Madras Central Station and Vey-sarapady Junction		...	42,728	42,728	...	...	...
Electric Telegraph.							
Renewing wooden telegraph poles between Royapooram and Arcconum with Siemen's Iron Standards	Since sanctioned vide C. E. No. 981 of 14th October 1874.	...	20,886	20,886	...	...	...
Renewing wooden telegraph poles between Vaniembady and Puttamby with Siemen's Iron Standards.	Since sanctioned vide C. E. No. 954 of 8th October 1874.	...	72,298	72,298	...	...	...
Unforeseen requirements		...	...	...	...	...	...
Total, ENGINEERS DEPARTMENT...		1,81,347	3,30,467	5,11,814	...	...	...
LOCOMOTIVE DEPARTMENT.							
Cost of putting in working order two engines purchased from the Calcutta and South-Eastern Railway.		9,000	10,000	19,000	...	...	...

Public Works Department, 20th January 1875.

NOT YET SANCTIONED.

TAL.

Railway for the year 1875-76.

PROBABLE EXPENDITURE DURING THE YEAR 1874-75.			ESTIMATED EXPENDITURE IN 1875-76.			Estimated Expenditure in future years.	Remarks.
Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.		
RS.	RS.	RS.	RS.	RS.	RS.	RS.	
...	...	...	39,334	10,687	50,021	...	
...	...	...	2,420	6,930	9,350	...	
...	...	...	1,436	5,438	6,874	...	
5,000	...	5,000	21,606	75,551	97,157	...	
5,000	...	5,000	8,659	19,100	27,759	...	
1,000	...	1,000	5,255	4,368	9,623	...	
2,000	...	2,000	13,863	43,238	62,101	...	
...	...	...	9,684	468	10,152	...	
2,500	...	2,500	3,102	122	3,224	...	
1,388	5,653	7,041	...	...	...	...	
5,000	...	5,000	5,700	900	6,600	...	
...	...	...	5,800	14,300	20,100	...	
4,000	...	4,000	27,000	2,800	29,800	...	
...	...	...	5,800	...	5,800	...	
...	...	...	5,800	...	5,800	...	
...	...	...	...	42,728	42,728	...	
...	...	...	...	...	...	20,886	
...	...	...	...	72,298	72,298	...	
...	...	...	80,000	40,000	1,20,000	...	
25,888	5,653	31,541	2,35,459	3,43,928	5,79,387	20,886	
9,000	10,000	19,000	...	...	...	...	Estimate submitted on the 10th September 1874, sanction not yet received.

Proceedings of the Madras Government,

Budget Estimate of the Madras

Details.	Number and Date of Sanction.	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1873-74.		
		Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.
* LOCOMOTIVE DEPARTMENT.— (Concluded.)							
10 Locomotives with tenders ...		5,000	3,50,000	3,55,000	...	...	...
Reserve to meet Unforeseen Expenditure ...		6,500	19,625	26,125	...	...	...
Total, LOCOMOTIVE DEPARTMENT...		20,500	3,79,625	4,00,125	...	...	...
CARRIAGE AND WAGON DEPARTMENT.							
4 Double saloon 1st-class night carriages.		8,600	16,200	24,800	...	...	...
6 Goods brake-vans (iron) ...		7,200	28,800	36,000	...	...	...
30 Open sided goods wagons to be converted into covered goods wagons (proportion of expenditure chargeable to Capital) ...		11,043	18,242	29,285	...	...	...
3 Second-class sleeping carriages ...		3,870	8,244	12,114	...	...	...
4 Double saloon 1st-class night carriages ...		8,600	16,200	24,800	...	...	...
Fitting rolling stock with means of communication between passengers, guards, etc. ...		15,107	17,334	32,441	...	...	...
Reserve to meet unforeseen expenditure ...		9,829	23,733	33,561	...	...	...
Total, CARRIAGE AND WAGON DEPT.		64,249	1,28,752	1,93,001	...	...	...
Total, SCHEDULE B...		2,66,096	8,38,844	11,04,940	...	...	...

Public Works Department, 20th January 1875.

Railway for the year 1875-76.—(Concluded.)

PROBABLE EXPENDITURE DURING THE YEAR 1874-75.			ESTIMATED EXPENDITURE IN 1875-76.			Estimated Expenditure in future years.	Remarks.
Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.		
RS.	RS.	RS.	RS.	RS.	RS.	RS.	
...	...	...	5,000	1,72,500	1,77,500	1,77,500	When building these engines it is intended to utilize for this purpose such duplicate parts as are now in stock. A special report on this subject will be made when submitting the indent for the boilers. Cylinders and such other parts as it will be necessary to obtain from England.
5,500	11,000	16,500	1,000	8,625	9,625	...	
14,500	21,000	35,500	6,000	1,81,125	1,87,125	1,77,500	
8,600	16,200	24,800	...	...	...	...	Estimate submitted on the 10th June 1874, sanction not yet received.
...	...	...	7,200	28,800	36,000	...	
...	...	...	11,043	18,242	29,285	...	
...	...	...	3,870	8,244	12,114	...	Provided for in accordance with request of Traffic Manager, communicated in letter, dated 19th August 1874.
...	...	...	8,600	16,200	24,800	...	
15,107	17,334	32,441	...	...	...	...	
5,916	14,369	20,285	3,913	9,363	13,276	...	
29,623	47,903	77,526	34,626	80,849	1,15,475	...	
70,011	74,556	1,44,567	2,76,085	6,05,902	8,81,987	1,98,386	

Proceedings of the Madras Government,

SCHEDULE C—
CAPI
Budget Estimate of the Madras

Details.	Number and Date of Sanction.	AMOUNT OF ESTIMATE.		
		Cash outlay in India.	Value of English Stores.	Total Expenditure.
ENGINEERS DEPARTMENT.				
Bridge Work.				
Building a new Bridge at 217 Miles, 9½, Telegraph Posts, North-West Line.	C. E. No. 265, dated 18th March 1874; and G. O. No. 698, dated 14th March 1874.	2,610	198	2,808
Diversion Channel at 239th Mile, 11th Telegraph Post, North-West Line.	C. E. No. 439, dated 12th May 1874.	3,519		3,519
Stations and Buildings.				
Block Signal Office at Royapooram	C. E. No. 276, dated 23rd March 1874.	1,142		1,142
Watering arrangements at the New Central Station.	C. E. No. 177, dated 20th February 1874.	1,800	3,003	4,803
Five-ton Crane at Goriattum	C. E. No. 671, dated 17th July 1874.	629	1,463	2,092
Water-pandal at Jollarett Station	G. O. No. 863, dated 27th March 1874, and C. E. No. 630, dated 7th July 1874.	933	85	1,018
Third-class waiting room at Erode Station	C. E. No. 863, dated 22nd April 1874.	3,251	330	3,581
Additions to third-class waiting room at Coimbatore Station.	C. E. No. 616, dated 3rd July 1874.	2,153	302	2,455
Lay-bye at Karamadi Station	C. E. No. 418, dated 8th May 1874.	1,618	2,477	4,095
Engine shed and siding at Mettapolliem Station.	C. E. No. 1,103, dated 17th November 1873.	2,886	1,180	4,066
Horse platform and Carriage Dock at Mettapolliem Station.	C. E. No. 48, dated 15th January 1874.	1,528	195	1,723
Permanent-way Inspectors' Bungalow at Arcunum.	C. E. No. 766, dated 22nd August 1873.	2,817		2,817
Single Engine-drivers' Bungalow at Tripetty Station.	C. E. No. 773, dated 18th August 1874.	3,496	89	3,585
Dwelling Houses for Native Firemen at Tripetty Station.	C. E. No. 804, dated 26th August 1874.	1,762	18	1,780
Fuel Inspector's Bungalow at Codoor Station.	G. O. No. 2,008, dated 27th July 1874.	1,030	9	1,039
Dwelling houses for Native Firemen at Ghooty Station.	C. E. No. 804, dated 26th August 1874.	1,782	18	1,800
Additional water-supply at Adoni Station	C. E. No. 405, dated 4th May 1874.	1,076	495	1,571
Dwelling houses for Native Firemen at Raichore.	C. E. No. 804, dated 26th August 1874.	1,701	18	1,812
Weigh Bridge at Arcot Station	C. E. No. 1,072, 8th November 1873.	1,171	1,840	3,011
Weigh do. Office do.	Do.	250		250
Fixing thin planking under the zinc roof of the passenger platform at Arcunum Station	C. E. No. 861, dated 14th September 1874.	1,732		1,732
Do. do. at Raichore	Do.	1,291		1,291
Station-master's Bungalow at Bellary	C. E. No. 883, dated 17th Sept. 1874.	4,727	92	4,819
Porters' Huts at Avenashy Station	C. E. No. 956, dated 8th October 1874.	2,536	18	2,554
Extension of north and south platform 100 feet at Perambore Station.	Unsanctioned	3,100		3,100
New Clerks' houses at Jollarett	Do.	3,240		3,240
Signal Office at Arcunum Station	Do.	1,600		1,600
Erecting Iron Tank over present Tank House at Pootoor Station.	Do.	252	1,321	1,573
Electric Telegraph.				
Maintenance of Telegraph for two years from Pothanore to Coimbatore.	C. E. No. 913, dated 2nd Oct. 1873.	561	1,035	1,596
Maintenance of Telegraph for two years from Coimbatore to Mettapolliem.	Do.	1,162	963	2,125
Cost of making spare single needle instruments to be fixed at the larger stations.	Unsanctioned	833	382	1,215
Works not specially provided for				
Total, ENGINEERS DEPARTMENT...		58,281	15,531	73,812
LOCOMOTIVE DEPARTMENT.				
Minor Works		1,842	53,838	55,730
Tools and Plant				
Total, LOCOMOTIVE DEPARTMENT...		1,842	53,838	55,730
Total, SCHEDULE C...				
		60,123	69,419	1,29,542

* Expenditure on stores manufactured for this and other departments previously

Public Works Department, 20th January 1875.

MINOR WORKS.

TAL

Railway for the year 1875-76.

EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1873-74.			PROBABLE EXPENDITURE DURING THE YEAR 1874-75.			ESTIMATED EXPENDITURE IN 1875-76.			Estimated Expenditure in future years.
Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
164	41	205	1,857	11	1,868	...	...	...	...
...	...	...	3,519	...	3,519	...	...	...	...
...	...	...	669	22	691	...	...	...	...
...	...	...	...	...	...	1,800	3,003	4,803	...
...	...	...	629	1,463	2,092	...	...	...	...
...	...	...	933	85	1,018	...	...	...	...
...	...	...	3,251	330	3,581	...	...	...	...
...	...	...	2,153	302	2,455	...	...	...	...
...	...	...	1,009	1,975	2,984	...	...	...	...
...	...	...	1,433	228	1,661	...	...	...	...
704	95	799	1,199	101	1,300	...	...	...	...
20	...	20	1,680	46	1,726	...	...	...	...
393	137	530	2,000	89	2,089	1,496	...	1,496	...
...	...	...	1,000	...	1,000	762	18	780	...
...	...	...	530	9	539	500	...	500	...
...	...	...	1,000	...	1,000	782	18	800	...
...	...	...	1,076	495	1,571	...	...	...	...
...	...	...	1,000	...	1,000	794	18	812	...
...	...	...	259	...	259	...	...	...	...
316	1,834	2,150	54	...	54	...	...	...	...
85	34	119	1,732	...	1,732	...	...	...	...
...	...	...	1,291	...	1,291	...	...	...	...
...	...	...	3,000	...	3,000	1,727	92	1,819	...
...	...	...	2,536	18	2,554	...	...	...	...
...	...	...	...	...	...	3,100	...	3,100	...
...	...	...	2,000	...	2,000	1,240	...	1,240	...
...	...	...	252	1,321	1,573	1,600	...	1,600	...
...	...	...	...	...	...	...	...	...	...
...	77	77	561	958	1,519	...	...	...	...
86	66	152	760	633	1,393	316	264	580	...
...	...	...	...	...	...	833	382	1,215	...
...	...	...	...	...	...	10,000	4,000	14,000	...
...	...	...	...	...	...	...	...	...	...
1,768	2,284	4,052	37,883	8,086	45,969	24,950	7,795	32,745	...
...	...	...	1,334	33,559	34,893	508	20,329	20,837	...
...	...	...	1,334	33,559	34,893	508	20,329	20,837	...
1,768	2,284	4,052	38,717	41,645	80,362	25,458	28,124	53,582	...

provided for under this head now estimated for in Schedule E.

Proceedings of the Madras Government,

SCHE

CAPITAL AND

Budget Estimate of Establishment of the

NUMBER.		Details.	Number and Date of Sanction.	Monthly Salary of Office.	ESTIMATE.	
1874-75.	1875-76.				Per Mensem.	Per Annum.
		<i>Direction.</i>		RS.	RS.	RS.
1	1	Agent and Manager ...	C. E. No. 551, dated 21st Dec. 1866.	2,273	2,500	30,000
1	1	Assistant do. ...	G. O. No. 876, dated 27th March 1874.	773	773	9,276
8	8	Clerks ...		15 to 150	490	5,880
14	14	Peons, etc. ...		1-8-0 to 8	82	984
		Total, Direction...		...	3,845	46,140
		<i>Chief Auditor's Dept.</i>				
1	1	Chief Auditor ...	C. E. No. 289, dated 9th June 1870.	1,136	1,250	15,000
3	3	Assistants to do. ...	G. O. No. 1,380, dated 4th May 1868. C. E. No. 741, dated 15th Aug. 1873. G. O. No. 1,874, dated 22nd June 1867.	272 to 400	1,000	12,000
4	6	Travelling Auditors ...	C. E. No. 558, dated 16th July 1872.	75 to 200	800	9,600
120	120	Clerks ...		10 to 120	2,500	30,000
7	7	Peons ...		6 to 7	52	624
5	5	Office Servants ...		6	25	300
		Total, Chief Auditor's Dept...		...	5,627	67,524
		<i>Chief Accountant's Dept.</i>				
1	1	Chief Accountant ...	C. E. No. 748, dated 22nd Dec. 1870.	545	546	6,552
26	26	Clerks ...		10 to 125	980	11,760
5	5	Peons ...		7 to 8	36	432
5	5	Office Servants ...		5 to 9	30	360
		Total, Chief Accountant's Dept.		...	1,592	19,104
		<i>Medical Department.</i>				
1	1	Consulting Physician ...	G. O. No. 609, dated 6th March 1872.	300	300	3,600
1	1	Company's do. ...		50	50	1,250
17	17	Apothecaries ...		50 to 150	1,659	19,908
1	1	Clerk ...		15	15	180
16	16	Peons ...		7 to 8	106	1,272
69	69	Toties and Sweepers ...		6	408	4,896
		Total, Medical Dept...		...	2,538	30,106

Public Works Department, 20th January 1875.

DULE D.

REVENUE.

Madras Railway for the year 1875-76.

1874-75.			ESTIMATE, 1875-76.					Remarks.
Distribution of Charges.			Per Mensem.	Per Annum.	Distribution of Charges.			
Capital.	Revenue.	Total.			Capital.	Revenue.	Total.	
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
.....			*2,500	30,000				* Including travel- ling expenses.
.....			773	9,276				
.....			490	5,880				
.....			†82	984				† Includes Pankah- pullers, Sweepers, Toties, etc., for General Offices.
2,942	43,198	46,140	3,845	46,140	3,953	42,187	46,140	
.....			‡1,250	15,000				‡ Including allow- ances.
.....			1,000	12,000				
.....			§1,050	12,600				§ Including allow- ances.
.....			2,500	30,000				
.....			52	624				
.....			25	300				
4,307	63,217	67,524	5,877	70,524	6,042	64,482	70,524	
.....			546	6,552				
.....			980	11,760				
.....			36	432				
.....			30	360				
1,218	17,886	19,104	1,592	19,104	1,637	17,467	19,104	
.....			300	3,600				
.....			50	600				¶ For 5 months.
.....			1,664	19,968				
.....			15	180				
.....			112	1,344				
.....			414	4,968				
1,920	28,186	30,106	2,555	30,660	2,627	28,033	30,660	

Proceedings of the Madras Government,

Budget Estimate of Establishment of the Madras

NUMBER.		Details.	Number and Date of Sanction.	Monthly Salary of Office.	ESTIMATE,	
1874-75.	1875-76.				Per Mensem.	Per Annum.
		<i>Police.—(Concluded.)</i>		RS.	RS.	RS.
4	5	Naigues		4 to 8	24	288
21	22	Peons			147	1,764
118	118	Sepoys			700	8,400
8	9	Night Watchmen		20 to 35	222	2,664
1	1	Clerk		25	25	300
		Total, Police...			2,001	24,012
		<i>Electric Telegraph Department.</i>				
1	1	1st Class Engineer	G. O. No. 1,622, dated 22nd May 1868.	864	864	10,368
		Allowance			105	1,260
		Establishment... ..			1,347	16,164
					2,316	27,792
72	86	Signallers			2,721	32,652
4	4	Peons			24	288
1	1	Punkah-puller... ..			5	60
		Total, Electric Telegraph Department...			5,066	60,792
		<i>Contingencies.</i>				
		Direction				150
		Chief Auditor's Department				500
		Chief Accountant's do.				200
		Cashier's do.				200
		Medical do.				1,000
		General Stores do.				10,500
		Police				3,000
						15,550
		<i>Stationery.</i>				
		Direction				600
		Chief Auditor's Department				5,000
		Chief Accountant's do.				600
		Cashier's do.				900
		Medical do.				200
		General Stores do.				1,200
		Police				100
						8,600
		Total, General Offices...				3,38,740
		<i>Engineers Department.</i>				
1	1	Chief Engineer	G. O. No. 1,923, dated 18th June 1868.	1,818	1,818	21,816
1	1	Deputy do.	G. O. No. 1,622, dated 22nd May 1868.	1,045	1,045	12,540

Public Works Department, 20th January 1875.

Railway for the year 1875-76.—(Continued.)

1874-75.			ESTIMATE, 1875-76.					Remarks.
Distribution of Charges.			Per Mensem.	Per Annum.	Distribution of Charges.			
Capital.	Revenue.	Total.			Capital.	Revenue.	Total.	
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	*Including cooly hire and General Stores for working of the department.
.....			24	288				
.....			147	1,764				
.....			700	8,400				
.....			222	2,664				
.....			25	300				
.....	24,012	24,012	1,973	23,676		23,676	23,676	
.....			864	10,368				
.....			105	1,260				
.....			1,347	16,164				
79	27,713	27,792	2,316	27,792	69	27,723	27,792	
.....	32,652	32,652	2,804	33,652		33,652	33,652	
.....	288	288	24	288		288	288	
.....	60	60	5	60		60	60	
79	60,713	60,792	5,149	61,792	69	61,723	61,792	
.....				200				
.....				600				
.....				200				
.....				200				
.....				1,000				
.....				* 12,000				
.....				3,000				
.....	15,550	15,550		17,200		17,200	17,200	
.....				600				
.....				5,000				
.....				700				
.....				1,000				
.....				200				
.....				1,200				
.....				150				
.....	8,600	8,600		8,850		8,850	8,850	
14,733	3,24,007	3,38,740		3,44,858	20,062	3,24,796	3,44,858	
.....			1,818	21,816				
.....			1,045	12,540				

*Including cooly hire and General Stores for working of the department.

Proceedings of the Madras Government,

Budget Estimate of Establishment of the Madras

NUMBER.		Details.	Number and Date of Sanction.	Monthly Salary of Office.	ESTIMATE,	
1874-75.	1875-76.				Per Mensem.	Per Annum.
		Engineers Department.		RS.	RS.	RS.
		—(Concluded.)				
1	1	Assistant to Chief Engineer ...	G. O. No. 1,622, dated 22nd May 1868.	659	659	7,908
7	7	Allowances ...		863	315	3,780
		1st Class Engineer ...	G. O. No. 1,622, dated 22nd May 1868.		6,046	72,552
1	2	1st Do. ...	G. O. No. 1,978, dated 22nd July 1874, and C. E. No. 1,012, dated 23rd Oct. 1874.	773	773	9,276
1	1	2nd Do. ...	G. O. No. 1,978, dated 22nd July 1874.	659	659	7,908
1	2	3rd Do. ...	Do. do. do. ...	455	455	5,460
3	1	3rd Do. ...	Do. do. do. ...	409	1,227	14,724
		Allowances ...			975	11,700
3	3	Engineering Assistants			490	5,880
		Allowances ...			135	1,620
35	35	Permanent-way Inspectors			4,670	56,040
2	2	Covenanted Divers ...		283	567	* 4,538
1	1	Do. Inspector...		350	350	4,200
		Allowance ...		50	50	600
		Office Establishments...			3,847	46,164
					24,081	2,86,706
		Stationery ...				5,500
		Contingencies...				5,000
		Total, Engineers Department.				2,97,206
		Locomotive Department.				
1	1	Locomotive and Carriage Superintendent.	G. O., No. 1,935, dated 14th June 1869.	1,637	1,637	19,644
1	1	1st Assistant do. do. ...	G. O., No. 1,404, dated 27th May 1874.	546	546	6,552
1	1	2nd do. do. do. ...	Do. do. do. ...	364	364	4,368
1	1	Accountant ...	Sanctioned at the Committee, dated 17th Dec. 1872.	400	400	4,800
68	68	Clerks ...		2,550	2,550	30,600
1	1	Moochee ...		10	10	120
1	1	Do. ...		9	9	108
2	2	Duffadars ...		10	20	240
4	4	Naigues ...		8	32	384
20	20	Peons inclusive of those at Madras and up-country stations.		7	40	1,680
1	1	Draughtsman ...		60	60	720
9	9	Foremen in charge of Divisions.		350	3,150	37,800

Public Works Department, 20th January 1875.

Railway for the year 1875-76.—(Continued.)

1874-75.			ESTIMATE, 1875-76.					Remarks.
Distribution of Charges.			Per Mensem.	Per Annum.	Distribution of Charges.			
Capital.	Revenue.	Total.*			Capital.	Revenue.	Total.	
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
.....			591	7,092				
.....			315	3,780				
.....			6,046	72,552				
.....			1,546	18,552				
.....			659	7,908				
.....			909	10,908				
.....			409	4,908				
.....			975	11,700				
.....			490	5,880				
.....			135	1,620				
.....			4,670	56,040				
.....			567	† 2,269				
.....			350	4,200				
.....			50	600				
.....			3,962	47,544				
35,261	2,51,445	2,86,706	24,537	2,89,909	44,346	2,45,563	2,89,909	
.....	5,500	5,500		6,000		6,000	6,000	
.....	5,000	5,000		5,400		5,400	5,400	
35,261	2,61,945	2,97,206		3,01,309	44,346	2,56,963	3,01,309	
1,367	18,277	19,644	1,637	19,644	1,332	18,312	19,644	
456	6,096	6,552	819	9,828	667	9,161	9,828	
304	4,064	4,368	410	4,920	334	4,586	4,920	
334	4,466	4,800	400	4,800	326	4,474	4,800	
2,130	28,470	30,600	2,550	30,600	2,075	28,525	30,600	
16	212	228	10	120	8	112	120	
17	223	240	9	108	7	101	108	
27	357	384	20	240	16	224	240	
117	1,563	1,680	32	384	26	338	384	
50	670	720	140	1,680	114	1,566	1,680	
2,632	35,168	37,800	60	720	49	671	720	
			3,150	37,800	2,564	35,236	37,800	

* For 6 months.
† For 4 do.

* For 8 months.
† For 4 do.

Proceedings of the Madras Government,

Budget Estimate of Establishment of the Madras

NUMBER.		Details.	Number and Date of Sanction.	Monthly Salary of Office.	ESTIMATE.	
1874-75.	1875-76.				Per Mensem.	Per Annum.
		<i>Locomotive Department.—</i> (Concluded.)		RS.	RS.	RS.
3	3	Foremen in charge of Perambore Workshops.		350	1,050	12,600
3	3	Do. do. do.		300	900	10,800
1	1	Assistant Locomotive Foreman.		150	150	1,800
7	7	Engine Drivers		219	1,533	17,407
		Do. do. and Firemen (Uncovenanted) not included in the Regular list.				1,79,986
2	2	Erectors and Fitters		237	474	5,688
3	3	Do. do.		190	570	6,840
1	1	Boiler Smith		237	237	2,844
1	1	Saw Setter		237	237	2,844
2	2	Carriage Examiners		65	130	1,560
1	1	Do. do.		40	40	480
1	1	Do. do.		55	55	660
2	2	Do. do.		50	100	1,200
		Wages of workmen not included in the Regular list.				3,33,927
		Fixed allowances			135	1,620
		Unfixed allowances (inclusive of rent and overtime allowances) included in the Regular list.				20,338
		Contingencies and Stationery.				7,07,610
		Total, Locomotive Department.				7,12,156
		<i>Traffic Department.</i>				
1	1	Traffic Manager	G. O., No. 1,935, dated 14th June 1869.		1,469	17,628
1	1	Deputy do.	G. O., No. 2,104, dated 1st August 1874.		742	8,904
5	5	Assistant do.	C. E. No. 16, dated 18th Jan. 1869. G. O., No. 1,455, dated 12th June 1872. C. E. No. 1,041, dated 13th December 1872. C. E. No. 145, dated 13th Feb. 1873. C. E. No. 1,089, dated 13th Nov. 1873.		2,364	28,368

* Proportion chargeable to Establishment... 17,000
Do. do. to Works ... 38,644
Total... 55,644

Public Works Department, 20th January 1875.

Railway for the year 1875-76.—(Continued.)

1874-75.			ESTIMATE, 1875-76.					Remarks.
Distribution of Charges.			Per Mensem.	Per Annum.	Distribution of Charges.			
Capital.	Revenue.	Total.			Capital.	Revenue.	Total.	
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	Vide sanction of Government communicated in Consulting Engineer's letter, No. 945, of 5th October 1874.
{ 1,629 125	21,771 1,675 17,407 1,79,986	23,400 1,800 17,407 1,79,986	{ 1,050 900 150 1,533	12,600 10,800 1,800 18,396 1,83,481	855 733 122	11,745 10,067 1,678 18,396 1,83,481	12,600 10,800 1,800 18,396 1,83,481	
{ 3,000 198 198 41,515 113 1,416	9,528 2,646 2,646 1,560 480 660 1,200 2,92,412 1,507 18,922	12,528 2,844 2,844 1,560 480 660 1,200 3,33,927 1,620 20,338	{ 474 570 237 237 130 40 55 100 135	5,688 6,840 2,814 2,844 1,560 480 660 1,200 3,40,411 1,620 21,171	2,000 193 193 42,638 109 1,436	10,528 2,651 2,651 1,560 480 660 1,200 2,97,773 1,511 19,735	12,528 2,844 2,844 1,560 480 660 1,200 3,40,411 1,620 21,171	
55,644 *55,644	6,51,966 4,546 6,56,512	7,07,610 4,546 7,12,156	 1,469 742 2,446	7,23,239 4,635 7,27,874 17,628 8,904 29,332	55,797 55,797	6,67,442 4,635 6,72,077	7,23,239 4,635 7,27,874	

* Proportion chargeable to Establishment... 12,400
Do. do. to Works ... 43,397
Total... 55,797

Proceedings of the Madras Government,

Budget Estimate of Establishment of the Madras

NUMBER.		Details.	Number and Date of Sanction.	Monthly Salary of Office.	ESTIMATE,	
1874-75.	1875-76.				Per Mensem.	Per Annum.
		<i>Traffic Dept.—(Conld.)</i>		RS.	RS.	RS.
417	442	Station Masters and Clerks ...			15,109	1,81,308
300	306	Pointsmen			2,200	27,000
150	140	Peons			1,000	12,000
570	589	Porters			3,815	45,780
200	200	Gate-men			1,150	13,800
48	48	Head Porters			1,500	18,000
3	3	Inspectors of Pointsmen ...			150	1,800
12	12	Waiting-room Attendants ...			90	1,080
18	21	Staff Bungalow do. ...			116	1,392
110	125	Guards			5,600	67,200
6	7	Block Signallers			180	2,160
142	145	Scavengers and Conservancy...			777	9,324
45	45	Tarpaulin Repairers			550	6,600
		Allowance for Rents and Contingencies. ...			3,057	36,680
		Clothing			1,200	14,400
		Printing, Stationery, etc. ...			4,500	54,000
		Total, Traffic Department...			45,569	5,47,424
		Total, Schedule D...				18,95,526

Public Works Department, 20th January 1875.

Railway for the year 1875-76.—(Concluded.)

1874-75.			ESTIMATE, 1875-76.					Remarks.
Distribution of Charges.			Per Mensem.	Per Annum.	Distribution of Charges.			
Capital.	Revenue.	Total.			Capital.	Revenue.	Total.	
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
.....			15,880	1,90,560				
.....			2,591	31,092				
.....			950	11,400				
.....			4,188	50,256				
.....			1,210	14,520				
.....			1,450	17,400				
.....			150	1,800				
.....			90	1,080				
.....			120	1,440				
.....			5,700	68,400				
.....			210	2,520				
.....			870	10,440				
.....			550	6,600				
.....			1,867	22,400				
.....			750	9,000				
.....			4,500	54,000				
.....	5,47,424	5,47,424	45,733	5,48,792		5,48,792	5,48,792	
1,05,638	17,89,888	18,95,526		19,22,833	1,20,205	18,02,628	19,22,833	

Proceedings of the Madras Government, Public Works Department,
20th January 1875.

SCHEDULE E.
Budget Estimate of Expenditure on Stores for the Madras Railway during 1875-76.

Details.	ACTUAL PURCHASES DURING 1873-74.		PURCHASES DURING 1874-75.		PURCHASES DURING 1875-76.	
	Quantity.	Amount. RS.	Quantity.	Amount. RS.	Amount. RS.	Total. RS.
<i>In India.</i>						
Wooden Sleepers	No.	24,970		93,400	65,000	
Teak Timber	...	62,545		7,500	8,000	
Grease and Tallow	...	10,594		16,500	13,600	
Cotton Waste	...	9,162	134,000	4,910	4,900	
Oil of sorts	...	53,128	64,934	76,700	77,400	
Guany Bags	...	496,217	521,700			
Firewood	No.	18,400	53,600	2,32,700	2,33,900	
Coir Rope	Tons.	51,857		70,000	70,000	
Government Duty and Landing Charges	...	86,626		67,300	73,450	
Machinery	...	65,691		53,750	86,400	
Manufacture of stores	...	8,000	2,500	1,63,000	1,72,000	
Coal, Indian	Tons.	60,278		7,85,760	8,04,650	
Sundry Stores.		1,14,374		42,000	43,000	
		6,74,569		63,800	46,200	
<i>In England.</i>				2,35,250	1,72,800	
Materials for Taraulins	Tons.	36	7,518	69,250	69,500	
Spring, Steel	...	2,697				
Girders and Iron Cylinders	...	10,583				
Coke, Coal and Patent Fuel...	...	78				
Iron, etc.	No.	24				
Steel Crank Axles	...	36,981	5	7,120	7,100	
Machinery	...	16,584				
Copper Rods and Tubes	Tons.	5,974		8,750	5,700	
Wheels and Axles	Pairs.	15,204	20	4,260	1,17,800	
Grease	Tons.	1,872			2,31,500	
Telegraph Stores	...				6,33,600	
Boilers, Cylinders and such other portions of 10 Engines as are required	...				2,84,000	
Permanent-way Materials	...					
Miscellaneous Stores	...	62,505		2,98,230		
		9,45,982		8,18,090	16,11,200	16,11,200
		16,20,551		16,03,850	24,15,850	24,15,850
Total, Schedule E...						

Proceedings of the Madras Government, Public Works Department,
20th January 1875.

MEMORANDUM.

Actual balance of Stores in hand on 1st April 1874	...	...	...	RS.	38,18,664
Estimated purchases during 1874-75	...	...	...	...	16,03,850
			Total...		54,22,514
Estimated issues during 1874-75	...	...	...	...	20,32,909
Estimated balance on 1st April 1875	...	...	...	...	33,89,605
Estimated purchases during 1875-76	...	...	...	...	24,15,850
			Total...		58,05,455
Estimated issues during 1875-76	...	...	...	...	24,14,374
Estimated balance on 1st April 1876	...	...	...	...	33,91,081

SCHEDULE F.

General Estimate of Traffic Receipts of the Madras Railway for 1875-76.			
Number of miles open for traffic on 1st April 1874	...	...	858 Miles.
Expected to be opened during 1875-76	...	...	...
Total on 1st April 1876...	858	...	...
Total likely to be opened at end of 1875-76	...	...	858
Average number of miles expected to be opened during the whole of 1875-76	...	...	858

	Actuals, 1873-74.	Budget Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
	RS.	RS.	RS.	RS.
Coaching Traffic...	24,94,408	25,00,000	24,50,000	25,00,000
Goods do.	34,48,055	37,00,000	32,50,000	33,00,000
State Railway Materials	3,69,260	...	...	...
Electric Telegraph Earnings	18,176	16,000	21,500	21,500
Sundries	2,00,149	2,30,000	2,00,000	2,00,000
Total, Schedule F...	65,30,018	64,46,000	59,21,500	60,21,500

Note—The Regular Estimate is based on the actual Traffic Receipts for the first seven months of the official year 1874-75, and looking at the possibility of interruption to traffic until communication on the North-West Line has been permanently restored, it does not seem safe to estimate for a much larger traffic for the official year 1875-76.

SCHEDULE G.

General Estimate of Revenue Expenditure on the Madras Railway for 1875-76.

	Actuals, 1873-74.	Budget Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
	RS.	RS.	RS.	RS.
Maintenance of Way, Works, and Stations.				
1st.—Salaries, Office Expenses, and General Superintendence	2,35,208	2,00,000	2,20,000	2,30,000
(1.)—Engineers' salaries	1,16,075	90,000	1,04,000	1,10,000
(2.)—Allowances including travelling expenses of all kinds	14,805	12,000	15,000	15,000
(3.)—Subordinate Superintendents	47,871	45,000	48,000	50,000
(4.)—Allowances of do.	694	1,000	500	500
(5.)—Overtime allowances	56,263	52,000	52,500	54,500
(6.)—Office expenses	...	...	...	...

*Proceedings of the Madras Government, Public Works Department,
20th January 1875.*

General Estimate of Revenue Expenditure on the Madras Railway for 1875-76.—(Contd.)

	Actuals, 1873-74.	Budget Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
<i>Maintenance of Way, Works, and Stations. —(Concluded.)</i>	RS.	RS.	RS.	RS.
2nd.—Maintenance and Renewal of Permanent- way	6,13,134	6,50,000	5,70,000	6,00,300
(1.)—Wages	3,04,499	3,00,000	3,32,000	3,50,000
(2.)—Materials	3,08,635	3,50,000	2,38,000	2,50,000
3rd.—Repairs of Bridges, etc.—Wages and Materials	1,95,295	1,50,000	2,25,000	1,80,000
(1.)—Bridges and Tunnels	1,09,241	90,000	1,05,000	1,00,000
(2.)—Miscellaneous, including earthwork, roads, fencing, etc.	86,054	60,000	1,20,000	80,000
4th.—Repairs of Stations and Buildings— Wages and Materials	78,872	75,000	85,000	90,000
(1.)—Repairs of buildings of every descrip- tion, including Station yards and Sig- nals, but excepting quarters of the Staff	62,754	60,000	65,000	70,000
(2.)—Repairs of Staff quarters	16,118	15,000	20,000	20,000
5th.—Maintenance by Contract	3,39,956	61,467	1,40,000	95,000
6th.—Unclassified Expenditure				
(1.)—Plantations				
(2.)—Tools and Plant	13,904	15,000	15,000	15,000
(3.)—Loss on Stores, etc.		5,000	5,000	2,000
(4.)—Cheyair Bridge Restoration	3,26,052	41,467	1,20,000	78,000
Total	14,62,465	11,36,467	12,40,000	11,95,000
<i>Locomotive Expenses.</i>				
1st.—General Superintendence	98,476	1,05,009	1,06,853	1,26,672
(1.)—Salaries of Locomotive Superintend- ent and Assistants	12,699	22,298	15,536	25,918
(2.)—Allowances of do. including travel- ling allowances	1,994	1,790	4,574	2,347
(3.)—Subordinate Superintendents	45,701	41,533	44,725	53,054
(4.)—Allowances of do. including travel- ling allowances	7,908	5,684	9,394	10,958
(5.)—Overtime allowances	1,321	1,819	527	513
(6.)—Office expenses	28,853	28,885	32,097	33,882
2nd.—Running Expenses (wages connected with the working of Locomotive Engines.)	2,13,227	2,31,464	2,15,640	2,19,827
(1.)—Wages of Drivers and Firemen	1,49,833	1,63,314	1,52,663	1,55,627
(2.)—Overtime allowances	30,991	34,837	31,520	32,132
(3.)—All labor connected with fuelling, cleaning, and looking after Engines in yards	29,901	32,278	31,001	31,693
(4.)—Contingent Expenses, including Clothing and Travelling Expenses	2,502	1,035	456	465
3rd.—Fuel	5,58,701	5,68,155	5,75,193	5,80,833
(1.)—Coal	2,19,333	1,81,618	2,47,495	2,49,921
(2.)—Coke	27,706	44,371	24,387	24,626
(3.)—Patent Fuel	53,686	65,929	39,904	40,296
(4.)—Wood	2,57,976	2,76,537	2,63,412	2,65,995
4th.—Water, (including Wages and Stores)	27,375	28,321	28,839	29,399
5th.—Oil, Tallow, and other Stores, (expended on Engines in work)	24,991	24,363	26,701	27,219

*Proceedings of the Madras Government, Public Works Department,
20th January 1875.*

General Estimate of Revenue Expenditure on the Madras Railway for 1875-76.—(Contd.)

	Actuals, 1873-74.	Budget Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
<i>Locomotive Expenses.—(Concluded.)</i>	RS.	RS.	RS.	RS.
6th.—Maintenance and Renewals of Locomotive Engines and Machinery	3,11,301	3,30,923	3,23,784	3,30,072
(1.)—Wages	1,47,761	1,62,810	1,54,903	1,57,912
(2.)—Overtime allowances	10,481	4,678	12,700	12,946
(3.)—Materials	1,53,059	1,63,440	1,56,181	1,59,214
7th.—Payments to other lines		2,000	1,000	1,000
(1.)—Hire of Locomotives		1,000	1,000	1,000
8th.—Unclassified Expenditure		1,000	1,000	1,000
Loss on Stores, etc.				
Total	12,34,071	12,91,540	12,79,015	13,16,027
<i>Carriage and Wagon Expenses.</i>				
1st.—General Superintendence	17,327	24,454	23,607	18,274
(1.)—Salaries of Superintendent and Assistants	2,082	5,230	3,528	3,730
(2.)—Allowances, including travelling	346	420	940	336
(3.)—Subordinate Superintendents	7,927	10,446	9,934	7,661
(4.)—Allowances of do. including travel- ling	1,750	1,345	1,996	1,583
(5.)—Overtime allowances	234	415	141	75
(6.)—Office expenses	4,988	6,598	7,068	4,889
2nd.—Repairs and Renewals of Vehicles and Machinery	1,31,829	2,05,075	1,51,770	1,54,718
Coaching Vehicles—(1.)—Wages	13,412	45,600	41,168	41,968
(2.)—Overtime	803			
(3.)—Materials	26,136			
Goods Vehicles—(1.)—Wages	29,004	1,59,475	1,10,602	1,12,750
(2.)—Overtime	1,020			
(3.)—Materials	61,454			
3rd.—Cleaning Carriages and Wagons, and Oiling	66,884	68,331	64,959	66,220
(1.)—Labor, including Wages of Oilers, Carriage Cleaners, and Examiners	14,952	16,148	15,289	15,586
(2.)—Stores, including Oil, Grease, and other Stores for consumption on run- ning vehicles	51,932	52,183	49,670	50,634
4th.—Unclassified Expenditure		1,000	1,000	1,000
Loss on Stores, etc.		1,000	1,000	1,000
Total	2,16,040	2,98,860	2,41,336	2,40,212
<i>Traffic Expenses.</i>				
1st.—Salaries and Wages, etc.	4,19,534	3,79,600	4,85,792	4,85,792
(a.)—General Superintendence—				
(1.)—Traffic Manager, Assistant do. Dis- trict Superintendents and Traffic Canvassers	48,342	47,268	49,212	49,212
(2.)—Office Establishment	29,900	36,575	38,400	38,400
(3.)—Travelling allowances	6,946	6,540	6,672	6,672
(4.)—Contingencies	21,224	22,000	22,400	22,400

*Proceedings of the Madras Government, Public Works Department,
20th January 1875.*

General Estimate of Revenue Expenditure on the Madras Railway for 1875-76.—(Contd.)

	Actuals, 1873-74.	Budget Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
<i>Traffic Expenses.—(Concluded.)</i>	RS.	RS.	RS.	RS.
(b.)—Station Staff—				
(1.)—Station Masters, Clerks, Porters, Pointsmen, Gatekeepers of Level Crossings, Signalmen, Station Ser- vants, etc.	2,50,000	2,00,017	3,00,708	3,00,708
(c.)—Train Staff—				
(1.)—Guards and Assistant Guards ...	63,034	67,200	68,400	68,400
(2.)—Overtime allowances ...	88			
2nd.—Fuel, Lighting, Water and General Stores ...	87,786	1,02,000	1,20,000	1,20,000
(1.)—Fires, Lights, Water and General Stores for Carriages, Station Offices, etc.	55,732	48,000	66,000	66,000
(2.)—Wagon Covers, Ropes, etc.	29,561	48,000	48,000	48,000
(3.)—Office and Station fittings and Fur- niture ...	2,493	6,000	6,000	6,000
3rd.—Clothing ...	6,358	14,400	9,000	9,000
4th.—Printing, Stationery and Tickets ...	50,636	54,000	54,000	54,000
5th.—Charges for delivery and collection of Goods, etc.				
6th.—Miscellaneous expenses ...		1,000	1,000	1,000
7th.—Payments to other Lines ...	13,216	24,000	24,000	24,000
(1.)—Hire of Vehicles ...				
(2.)—Mileage of Foreign Stock ...	13,216			
(3.)—Expenses at Joint Stations ...		24,000	24,000	24,000
8th.—Unclassified Expenditure ...				
Loss on Stores, etc.				
Total...	5,77,530	5,75,000	6,93,792	6,93,792
<i>General Charges.</i>				
1st.—Home Expenditure ...	69,463	60,000	65,000	65,000
(1.)—Directors and Secretary or Managing Director ...	60,543			
(2.)—Auditors and Accountants ...		60,000	65,000	65,000
(3.)—Consulting Engineer and Inspecting Officer's fees and travelling allow- ances ...	8,925			
(4.)—Office expenses ...				
2nd.—Salaries of Indian Management, including Offices ...	2,30,487	2,39,530	2,44,282	2,43,397
(1.)—Agent's Office ...	46,520	40,351	43,193	42,187
(2.)—Auditor's Office ...	59,039	60,840	63,217	64,482
(3.)—Accounts do.	17,700	17,213	17,886	17,467
(4.)—Paymaster's (Cashier's) Office ...	36,618	36,253	37,288	36,415
(5.)—Store Department ...	24,581	24,349	25,357	24,763
(6.)—Medical do.	23,843	26,901	28,186	28,033
(7.)—Rents of Buildings and Lands ...	5,248	2,000	3,000	2,000
(8.)—Contingencies, including Furniture and Fittings ...	7,158	14,541	12,550	14,200
(9.)—Stationery ...	6,562	11,082	8,600	8,850
(10.)—Medicine ...	3,218	6,000	5,000	5,000
3rd.—Police ...	23,502	25,512	27,012	26,676
(1.)—Supervision ...	3,120	7,500	3,600	3,600
(2.)—Constables ...	17,592	15,012	20,412	20,076
(3.)—Contingencies ...	2,790	3,000	3,000	3,000

*Proceedings of the Madras Government, Public Works Department,
20th January 1875.*

General Estimate of Revenue Expenditure on the Madras Railway for 1875-76.—(Conld.)

	Actuals, 1873-74.	Budget Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
<i>General Charges.—(Conld.)</i>	RS.	RS.	RS.	RS.
4th.—Advertising (all Advertisements of all Departments) ...	3,538	5,000	3,000	3,500
5th.—Electric Telegraph ...	1,07,589	78,900	79,900	42,000
(1.)—Salaries of Superintendents and As- sistants ...	18,222	14,000	14,000	15,000
(2.)—Signallers ...	30,097	33,000	34,000	34,000
(3.)—Travelling expenses ...	2,146	2,400	2,400	2,400
(4.)—Office expenses, Contingencies, etc ...	2,861	4,000	4,000	3,600
(5.)—Maintenance, Wages, Stores ...	54,263	25,500	25,500	87,000
6th.—Clearing Accounts with other lines ...		20,000	10,000	10,000
7th.—Unclassified Expenditure... ..		20,000	10,000	10,000
Loss on Stores ...				
Total...	4,34,584	4,28,942	4,29,194	4,90,573
<i>Special and Miscellaneous Expenditure.</i>				
1st.—Law Charges ...	1,609	10,000	6,000	10,000
2nd.—Compensation ...	7,207	15,000	10,000	15,000
(1.)—For Goods lost or damaged ...	1,544	3,000	2,000	3,000
(2.)—For Personal injury ...	5,356	10,000	6,000	9,000
(3.)—For other claims ...	307	2,000	2,000	3,000
3rd.—Rates and Taxes (including Municipal Water-rates) ...	8,191	50,000	15,000	15,000
4th.—Contribution to Special Funds ...	41,455	42,000	42,000	42,000
(1.)—Fire Insurance Fund ...	41,455	42,000	42,000	42,000
Total...	58,462	1,17,000	73,000	82,000
Deduct sum chargeable to Fire Insurance Fund. 333	333			
Total...	58,129	1,17,000	73,000	82,000

*Proceedings of the Madras Government, Public Works Department,
21st January 1875.*

No. 334.

ORDER THEREON, 20th January 1875, No. 160.

RAILWAY, No. 43.

WITH his letter recorded at the head of these Proceedings, the Consulting Engineer for Railways submits the Regular Estimate for the current year, and the Budget Estimate for 1875-76, of the Madras Railway Company.

2. The following abstract contrasts the expenditure on Capital Account during 1874-75 as estimated by the Company and the Consulting Engineer, respectively, with the sanctioned Budget provision:—

Capital Outlay.	Sanctioned Estimate for 1874-75.	Regular Estimate as proposed by the Company.	Regular Estimate as proposed by Consulting Engineer.
<i>Engineer Department.</i>	RS.	RS.	RS.
Sanctioned Works, Schedule A.	3,00,074	2,84,387	2,66,255
Unsanctioned do. " B.	1,85,022	25,888	3,888
Minor do. " C.	36,338	37,383	37,383
<i>Locomotive Department.</i>			
Sanctioned Works, Schedule A.		1,450	1,450
Unsanctioned do. " B.	10,500	14,500	14,500
Minor do. " C.		1,334	1,334
<i>Carriage and Wagon Department.</i>			
Sanctioned Works, Schedule A.	11,299	24,131	24,131
Unsanctioned do. " B.	35,499	29,623	14,516
Minor do. " C.	67,583		
Establishments " D.	85,000	66,994	66,994
Stores " E.	5,75,000	7,85,760	7,85,760
Total... ..	13,06,315	12,71,450	12,16,211
Refunds... ..	15,00,000	15,49,000	15,49,000
Net Cash Demands...	1,93,685	2,77,500	3,82,789

3. The anticipated short expenditure on Works in the Engineer and Carriage and Wagon Departments as shown in the Company's Regular Estimate, is due partly to the transfer of a large sum to the head of "Stores," and partly to delays in the acquisition of the land required for the Poiney protective works, and to the slow progress made on similar works in other localities owing to the very unfavourable working season. To the savings on Works (Rupees 2,48,280) estimated by the Company, additions aggregating Rupees 55,239 are made by the Consulting Engineer, and these are admitted by Government, under the explanations furnished in paragraph 4. The total short outlay on Works is thus increased to Rupees 3,03,519.

4. Under "Establishments" the expected saving is set down by the Company at Rupees 18,006 which amount is accepted by the Consulting Engineer, and the Regular Estimate will accordingly stand at Rupees 66,994.

*Proceedings of the Madras Government, Public Works Department,
20th January 1875.*

5. In reference to excesses over Budget grants anticipated during the current year, the Governor in Council notes that they appear under the following heads:—

	<i>Engineer Department.</i>	RS.
Minor Works	...	1,045
	<i>Locomotive Department.</i>	
Sanctioned Works	...	1,450
Unsanctioned do.	...	4,000
Minor do.	...	1,334
	<i>Carriage and Wagon Department.</i>	
Sanctioned Works	...	12,832
Stores	...	2,10,760

6. The excesses under Engineer and Locomotive Departments call for no remark; that under Carriage and Wagon Department is chiefly owing to the construction of certain 2nd class sleeping carriages, and to the alteration of a number of wagons in order to increase their carrying power; neither of which items appear in the original Budget. Of the excess under "Stores," Rs. 66,249 represent a transfer from Schedule C in which the provision was incorrectly made, and the balance (Rupees 1,44,511) is due to purchases of Indian coal, and canvas for tarpaulins usually supplied from England, as also to a larger outlay than was expected on bridge sleepers and temporary bridges.

7. A comparison of these anticipated savings and excesses results in a net estimated short outlay during the current year of Rupees 90,104 as shown below:—

	<i>Savings.</i>	RS.
Works, paragraph 3 above	...	3,03,519
Establishments, paragraph 4 above	...	18,006
		3,21,525
	<i>Excesses.</i>	
Works, paragraphs 5 and 6 above	...	20,661
Stores, paragraph 6 above	...	2,10,760
		2,31,421
Net Saving		90,104

8. The Regular Estimate of "Refunds," amounting to Rupees 15,49,000 against Rupees 15,00,000 entered in the Budget, will be allowed to stand with reference to the Consulting Engineer's observations in paragraph 7.

9. Under "Revenue" the current year's Budget contains provision of Rupees 64,46,000 as Receipts, and Rupees 38,47,809 as Expenditure. Owing, however, to the recent damages consequent upon heavy floods, and to the circumstance of through communication not having yet been re-established on the North-West Line, there is likely to be an increase in expenditure and a decrease in receipts. The Regular Estimate of the Company is Rupees 39,56,337 under the latter, and Rupees 59,21,500 under the former head. The Consulting Engineer advises the acceptance of the Agent's estimate of receipts, which for the last five months of 1874-75 is based upon the average for the first seven. As regards the estimate of expenditure, however, the Consulting Engineer increases it by a sum of Rs. 2,22,231, which represents the probable outlay in the current year on the repair of bridges recently damaged on the North-West and South-West Lines, the total cost of which is set down at Rupees 2,96,307. Against this increase of Rupees 2,22,231

*Proceedings of the Madras Government, Public Works Department,
20th January 1875.*

the Consulting Engineer shows a saving of Rupees 93,792, which, in his opinion, may be effected in the estimates of traffic expenses. As Colonel Shaw-Stewart's recommendation is based upon the actuals of previous months, the Government approve of the reduction. The Revenue Account for 1874-75 will thus stand as follows:—

	Budget Estimate for 1874-75.	Regular Estimate as proposed by the Company.	Regular Estimate as proposed by the Consulting Engi- neer.
	RS.	RS.	RS.
Receipts	64,46,000	59,21,500	59,21,500
Expenditure	38,47,809	39,56,337	40,84,776
Balance ...	25,98,191	19,65,163	18,36,724

10. Turning now to the Budget for 1875-76, the Government observe that the total expenditure on Capital Account is estimated by the Company's Officers at Rupees 14,52,677. That amount is diminished by the Consulting Engineer, for the reasons stated in paragraph 8, to Rs. 14,17,677 by reduction of the provision for "Unforeseen Requirements" (Engineer Department)* from Rupees 80,000

* Unsansctioned Works, Schedule B.

† Unsansctioned Works, Engineer Department. to Rupees 40,000, and the addition of Rupees 5,000† (part of Rupees 55,239 referred to in paragraph 3 of these Proceedings) for the over-bridge which it is proposed to erect at Jollarett. With these modifications, which are approved by His Excellency in Council, the Budget of Capital Expenditure for 1875-76 contrasted with the current year's Budget and Regular Estimate will stand distributed as shown in the subjoined abstract:—

Heads.	Budget Estimate for 1874-75.	Regular Estimate for 1874-75 as accepted by Government.	Budget Estimate for 1875-76 as now approved.
	RS.	RS.	RS.
Engineer Department	5,21,434	3,07,526	4,86,668
Locomotive do.	10,500	17,284	6,508
Carriage and Wagon Department	1,14,381	38,647	43,043
Establishments	85,000	66,994	76,808
Stores... ..	5,75,000	7,85,760	8,04,650
Total ...	13,06,315	12,16,211	14,17,677
Refunds ...	15,00,000	15,49,000	17,00,900
Net Cash Demands ...	1,93,685	3,32,789	2,82,323

11. The Government accept the estimate of refunds at Rupees 17,00,000 entered in the foregoing statement, and they note, with reference to paragraph 9 of the Consulting Engineer's letter, that the amount included in the Budget under the head of "Stores" for the purchase of Indian coal, is Rupees 86,400.

*Proceedings of the Madras Government, Public Works Department,
20th January 1875.*

12. The revenue for 1875-76 is estimated by the Agent at Rupees 60,21,500 in the aggregate. The Consulting Engineer thinks, and the Government agree in the opinion, that having regard to the shortly expected re-establishment of through communication on the North-West Line, the Agent's estimate may be increased by one lakh of Rupees. Against this revenue, the expenditure budgetted for by the Company is Rupees 40,17,604, to which it will be necessary to add Rupees 74,076, being the difference between the estimates for, and the current year's outlay on the bridges referred to in paragraph 9 above. This will increase the expenditure to Rupees 40,91,680. Deducting from that amount the expected saving of Rupees 93,792 on the estimate of traffic expenses, the estimate of charges will stand at Rupees 39,97,888, and the Revenue Account is accordingly passed as follows:—

Heads.	Budget Estimate for 1874-75.	Regular Estimate for 1874-75 as approved by Government.	Budget Estimate for 1875-76 as now approved.
	RS.	RS.	RS.
Receipts	64,46,000	59,21,500	61,21,500
Expenditure	38,47,809	40,84,776	39,97,888
Balance ...	25,98,191	18,36,724	21,23,612

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

No. 335.

(DOCKET, No. 161, dated 20th January 1875.)
Copy of the above forwarded to the Government of India.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

Exd. T. O'Connor.
Spare Copies

Railway Department.

CONSULTING ENGINEER'S OFFICE.

No.

759

From

LIEUT. COLONEL J. H. M. SHAW, STEWART, R.E.,

Consulting Engineer for Railways.

To

COLONEL G. W. WALKER, R.E.,

Secretary to Government,

Public Works Department.

Fort Saint George.

SIR,

I have the honour to forward herewith the Regular estimate for 1874-75, and the Budget estimate for 1875-76, of the Madras Railway with the following remarks
Advances on Capital Account.

Regular estimate 1874-75.

2. The totals now furnished differ but little from those of the sanctioned Budget estimate, the

the decrease under Engineering expenditure being met by a corresponding increase under the head of stores. The figures are as follow:—

	Sanctioned Budget estimate	Regular estimate
Advances	13,06,315	12,71,450
Refunds	15,00,000	15,49,000
Net Cash Demands	19,36,315	27,70,450

A considerable decrease is shown in the anticipated expenditure on protective works to large bridges, owing to the very unfavourable working season, and to the delay in the acquisition of the necessary land at the Poiney.

The following comparative statement shows the principal variations in the Engineering

Depart. 1.

Department between the sanctioned Budget, and the Regular estimates:—

	Sanctioned Budget	Regular estimate
Neilgherry branch	37,500	26,000
Protective works to Poiney bridge	1,22,500	1,00,000
" " Magery river bank		13,695
" " Magery bridge	3,415	20,000
Proportion of chair expenditure chargeable to Capital		10,000
Smithy at Perambore	36,000	5,000
Iron and brass foundry at Perambore	30,000	5,000
Making grounds for do	5,500	10,000
Loading gauges	9,679	
Refreshment rooms at Orpethy, Buddapah and Gholly	17,477	
	29,072	1,20,695

4. The following items call for remark:

(a) Schedule A. A saving of Rs 18,132 will be effected on the estimate

estimate for protective works to the
Goniaten bridge, as in rebuilding the
portion of the bridge which was
destroyed during the late floods, at the
cost of Revenue, the foundations will
be taken down to a hard stratum.

As the year is now well advanced,
and the weather still continues un-
favourable, it is thought that this
amount may be deducted from the
estimated expenditure on protective
works in the Regular estimate.

(b) The amounts to be
charged to capital of the cost of new
bridges at $\frac{105}{11}$ and $\frac{123}{23}$ miles of the
South-west line will be subject to
modification in accordance with
further orders of the Government of

India as to the allocation of the
expenditure.

(C) Schedule B:
Smithy at Perambore Workshops
Iron and brass foundry at Perambore
Grating up ground for
Watering arrangements at Perambore.

The estimates for these works, having
only lately been referred to the Board
of Directors in accordance with the
Order of Government No 2200 of 10th
August 1874, it is probable that no
expenditure will be incurred upon
these during the current official year
and the sum of Rs 13000 allowed for
them may therefore be deducted. For
the next year the amounts entered
will probably be expended if sanction
is received early.

1d/ Overbridge at Sollairpett. Rs 5000

No expenditure is likely to be incurred in this year: the amount should be added to next year's estimate.

1e/ Fuel sheds. Rs 4000 — Not likely to be expended in this year, and may, it is thought, be struck out.

1f/ Renewing with steel rails between new central station, and Veyarapady junction — Under the Orders of the Government this should be charged to Revenue.

1g/ The amount /Rs 15107/ for fitting rolling-stock with means of communication between passengers, guards, &c., may be struck out of the Regular estimate as no expenditure is likely

likely to be incurred during the current year. If, in the opinion of the Government of India, this work will be carried out during the ensuing official year, the amount will have to be included in the Budget estimate for 1875-76, but it has been thought better to leave this question an open one.

5. In accordance with the foregoing remarks the following modifications will be made in the estimates for the current year: —

Engineering Department
Schedule A.

Amount entered by Agent	Rs 284,387
Deduct on account of Govt. bridge protective works	18,132
	<u>Rs 266,255</u>

Schedule B.

amount entered by Agent Rs 25,888

Deduct

Works at Perambore 13,000

Overbridge at Sollarpett 5,000

Fuel sheds 4,000

22,000

Rs 3,888

Carriage and wagon department.

Schedule B

amount entered by Agent Rs 29,623

Deduct. Communication in trains 15,107

Rs 14,516

b. Schedule E.

The Regular

estimate provides for an expenditure of Rs 7,85,760 against a Budget allotment

of Rs 6,41,249 as follows:

Schedule E 5,75,000

amount transferred from Schedule C

(Carriage and wagon department) for

manufacture of stores, incorrectly entered

66,249

The increase of Rs 144,511 is due to

purchase of Indian coal, - to large

expenditure in bridge sleepers and for

temporary bridges, - and to purchase of

canvas for tarpaulins, owing to delay in

transmission of an indent to England

7

In the estimate of

Refunds / Rs 15,49,000 / provision has been

made for a portion of the girders and

other material which will be used

in restoring the breaks on the North

west and South-west lines, the

remainder being entered in the Bu

estimate of the ensuing year.

Budget estimate 1875-76.

8.

The capital expenditure

is estimated by the Agent at Rs 14,52,

and Refunds at Rs 17,00,000.

The

The following points appear to call for remark:—

Schedule A.

(a) The amount entered for Engineer's Department is chiefly on account of protective works to large bridges, and provides for their completion by 31st March 1876. If the next working season be favourable the whole of this expenditure should be incurred.

Schedule B.

(b) Overbridge at Sollapet. The sum of Rs 5000 struck out of the Regular estimate, vide paragraph 4(d), should be added.

(c) The sum Rs 80,000 set down for Unforeseen Requirements (Engineering) appears larger than necessary, and may it is thought be reduced to Rs 40,000.

SH

There will probably be savings on some other items from which transfers can be made if found necessary. — The alterations recommended in this and the preceding paragraphs will reduce the estimate under Schedule B to Rs 2,00,459.

Schedule D.

(d) Chief Auditor's Department. Two additional Travelling Auditors have been entered at an annual charge of Rs 4,200. These are considered necessary with a view to more frequent inspection of station accounts. (e) Medical Department. Rs 50 per mensem has been entered for a Company's physician at Perambore, an appointment which it has been thought desirable to revive.

Police

17/ Police Department. An increase appears in the numbers of some ranks, but the total charge remains the same. The numbers entered are those actually employed at the present time.

19/ Electric Telegraph Department. The number of signallers has been increased from 72 to 86, at an entire cost of Rs 1000 per annum. The Traffic Manager explains that this increase is owing to the larger number of night stations brought about by the accelerated speed of mail trains.

18/ Locomotive Department. The salaries of the 1st and 2^d Assistants have been entered at Rs 819 and Rs 410 per mensem respectively, but in the

Order of Government No 1404, dated 27th May, 1874, salaries of Rs 546 and Rs 364 per mensem were sanctioned to remain in force till the end of 1875. The Agent explains that the sums entered represent the maximum salaries sanctioned for the appointments, but it has been arranged that in future only the salaries in force at the time should be entered.

20/ Traffic Department. The estimate in this department would seem to be excessive, and in the Revenue estimate allowances will be made for this.

Schedule F.

9. The amount entered for stores provides for considerable purchases of Indian coal, which has been found by experiment to be economical.

With

10. (continued)

With the modifications recommended in the foregoing paragraphs, the estimate of cash expenditure in India will be as follows:—

Regular-Budget
estimate estimate
1874-75 1875-76

Capital outlay

Engineering

Sanctioned works	2,66,255	2,61,259
Unsanctioned do	3,888	200,469
Minor do	27,382	24,950

Locomotive

Sanctioned works	1,450	
Unsanctioned do	14,500	6,000
Minor do	1,324	508

Carriage and wagon Department

Sanctioned works	24,131	34,17
Unsanctioned do	11,516	34,626
Minor do		

Establishments	66,994	76,808
Stores	7,85,760	8,04,650
	12,16,211	14,17,677

Refunds	15,49,000	17,00,000
---------	-----------	-----------

Net cash Demands	3,32,707	2,27,000
------------------	----------	----------

Revenue Account

Regular estimate 1874-75

11. As compared with the sanctioned Budget estimate, a large reduction is shown in receipts with an increase in expenditure. The earnings have been based on the figures for the first seven months of the year; and as through communication on the North-west line for goods has not yet been restored, it is considered that the average receipts for the last five months of the year will not exceed those of the previous months, and that the figures entered by the Agent may be accepted.

12. The expenditure however, will be still further increased by the

the repairs to bridges on the North-
west and South-west lines damaged
during the late floods. The total
cost of repairs, according to estimates
which will shortly be submitted,
will amount to Rs 2,96,804, of which
it is anticipated Rs 2,22,231 will be
expended in the current year, and
Rs 74,573 in 1875-76. As explained
in paragraph 8(i) it is considered
that some reduction may be made
in the estimates of Traffic expenses,
and judging from the expenditure
already incurred, it is probable that
the sum of Rs 6,00,000 will be
sufficient. A deduction of Rs 93,792
will therefore be made under this
head. The total working expenses

will

will then be

Agent's estimate	39,56,337	10
Add expenditure on bridges	2,22,231	10
	41,78,568	10
Deduct on account of Traffic Department	93,792	10
Total expenditure	40,84,776	10
Gross earnings	5,92,500	88
Balance	Rs 18,36,724	12

Budget estimate 1875-76.

13. The gross revenue is
estimated by the Agent at Rs 6,21,500,
or one lac in excess of the estimate for
the current year. Considering that
the breaks on the North-west line will
probably be restored early in the official
year, it is thought that a further sum
of one lac may be added under goods
traffic, making the total estimated
receipts Rs 6,21,500.

The

14. The expenditure will be increased by Rs 74,076 on account of repairs to bridges, and as for the current year a deduction of Rs 93,792 will be made from the Traffic expenses. The estimate will then be as follows:

Agents' estimate of expenditure	40,17,604
Add for repairs to bridges	74,076
	40,91,680
Deduct on account of Traffic Department	93,792
	39,97,888
Gross earnings	61,21,500
Ind. Balance	22,12,361.2

Under "General charges" the increase is due to a provision of Rs 61,143 for renewing wooden telegraph poles between Vanienbady and Puttambay with Siemens iron standards.

The

16. The Revenue estimates, as revised may be summarised as follows:

	Regular estimate 1874-75.	Budget estimate 1875-76.
Receipts	59,215.00	61,215.00
Expenditure	40,847.76	39,978.88
Balance.	18,367.24	21,236.12

Percentage borne by expenses } 69.0—65.3
to receipts————— }

I have the honour to be,

Riv

Your most obedt. servant
 Wm. Stewart L. Hol. R.E.
 Cons. Engineer for Railways

Madras
15th December
1844

829 Bent.

120:ddop
No. 100001
E. 600

P. W. D.

Proceedings of the Madras Government,

Under date the

187 .

Read the following :—

From

The Consulting Engineer } (M.S. No. 759 of 15 Decr/74)
for Railways } 188

With his letter recorded at the head of these Proceedings the Consulting Engineer for Railways submits the Regular Estimate for the current year, and the Budget Estimate for 1875-76 of the Madras Railways Company.

2. The following abstract contrasts the expenditure on Capital Account during 1874/75 as estimated by the Company and the Consulting Engineer respectively with the sanctioned budget provision

MS 116

1874 Dept: 17800 for 1874

From

No: 1900

The Consulting Engineer

To

The Secretary to Government
P. W. Department
Fort Saint George

Dated 15 December 1874

Recd.

E. 1. 17

No. 759

Submitted by 13/12/74
Estimate of the Madras
Railways Company
for the current year
1875-76

20 Dec. 1874 20.17

Dec 20 1874

provisions.

Capital Outlay

Sanctioned Regulars. Regulars. Regulars.
Estimate as per as proposed by
for 1874-75 Company Engineers

Engineers Dept.

Sanctioned Works Schedule A	300,074	284,387	266,255
Unsanctioned do " B	185,022	25,888	3,888
Minor do " C	36,338	37,383	37,383

Locomotive Dept.

Sanctioned Works " A	"	14,500	14,500
Unsanctioned do " B	10,500	14,500	14,500
Minor do " C	"	133 1/2	133 1/2

Carriage & Wagon Dept.

Sanctioned Works " A	11,299	24,131	24,131
Unsanctioned do " B	35,499	29,623	14,516
Minor do " C	67,583	"	"
Establishments " D	88,000	66,994	66,994
Stores " E	5,75,000	7,85,760	7,85,760
Total	13,06,315	12,71,450	12,16,211
Refunds	150,000	154,900	154,900
Net Cash Demands	193,685	277,550	332,789

3. The anticipated short expenditure on works in the Engineers, and carriage and wagon Departments as shown in the Company Regular Estimate is due partly to

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the transfer of a large sum to the head of "Stores," and partly to delays in the acquisition of the land required for the Pinery, Protective works, and to the slow progress made on similar works in other localities owing to the very unfavorable working season. To the saving on works (Rs 24,8280) estimated by the Company, additions aggregating Rs 55,239 are made by the Leasing Engineers, and these are admitted by Govt. under the explanation furnished in para. 4. The total short outlay on works is thus increased to Rs 303,519.

4. Under "Establishments" the

The expected saving is set down by the Company at Rs 18006 which amount is accepted by the Commt. Eng. Engineer, and the Regular Estimate will accordingly stand at Rs 66,994.

In reference to expenses over budget grants anticipated during the current year, the Commt. in Council notes that they appear under the following heads.

Engineer Dept.

Minor Works _____ Rs 1045

Locomotive Dept.

Sanctioned Works _____
 Unsanctioned do _____ " 1450
 Minor do _____ " 4000
 _____ " 1334

Carriage & Wagon Dept.

Sanctioned Works _____ " 12832
 Stores _____ " 210760

44

The excesses under the
 Locomotive Dept. are to
 be explained, and call for no remark, the
 that under Carriage & Wagon
 Dept. is chiefly owing to the com-
 struction of certain second class
 sleeping Carriages, and to the
 alterations for purchase of
 Waggons in order to increase their
 carrying power; neither of which
 items appear in the original
 budget. Of the excess under
 "Stores", Rs 66,249 represent a
 transfer from Schedule C in
 which the provision was in-
 correctly made, and the balance
 (Rs 14,671) is due to purchases
 of Indian coal, and Carriages
 for Warpans usually sup-
 plied from England, as also to
 a larger outlay than was ex-
 pected on bridge sleepers and
 temporary bridges.
 A comparison of these
 anticipated savings and excesses
 results in a net estimated
 short

short outlay during the current
 year of Rs 90,104 as shown
 below:
 (1) Expenditure Rs 303,579
 (2) Receipts Rs 18,006
 (3) Net Expenditure Rs 321,525
 (4) Provision for contingencies Rs 20,661
 (5) Provision for repairs Rs 210,760
 (6) Net Expenditure Rs 231,421
 (7) Net Expenditure Rs 90,104
 The Regular Estimate of
 Refunds amounting to Rs
 15,90,000 against Rs 15,00,000
 entered in the budget will be
 allowed to stand with reference
 to the observations of the
 observations in para 8.
 Under Revenue the
 current year's budget contains
 provision of Rs 64,6000 as
 Receipts and Rs 38,7809 as
 expenditure. Owing however
 to the recent damages conse-
 quent upon heavy floods
 and to the circumstances of

through communication not
 having yet been re-established
 on the H. B. line, there is
 likely to be an increase in
 expenditure and a decrease
 in receipts. The Regular Es-
 timate of the Company is
 Rs 39,66,837 under the latter
 and Rs 59,21,500 under the
 former head. The Boarding
 business advises the acceptance
 of the Agent's estimate of re-
 ceipts which for the last five
 months of 1876-75 is based upon
 the average for the first seven.
 As regards the estimate of ex-
 penditure, however, the Com-
 mittee's business increases if
 by an extra 22,223 which represents the
 probable outlay in the
 current year on the repairs of
 bridges recently damaged
 on the H. B. and S. B. lines, the
 total cost of which is set
 down at Rs 29,63,07. Against
 this increased of Rs 22,223
 the

1000 12 93	1000 12 93
11 12 00	1000 12 93
10 12 00	1000 12 93

the lementing figures shows
 a saving of Rs. 93,792, which,
 in his opinion, may be effected
 in the estimates of the affected
 branches. As Mr. Hall has
 stated, the recommendations are
 based upon the actuals of
 previous months, the Govt.
 approves of the reduction.
 The Revised Account for 1875-76
 will thus stand as follows:

	Budget Estimate for 1875-76	Regular Estimate as proposed by the Company	Regular Estimate as proposed by the Govt. Engineer
Receipts	64,46,000	59,21,500	59,21,500
Expenditure	38,47,800	39,56,337	40,84,776
Balance	25,98,191	19,65,163	18,36,724

During the year 1875-76, the Govt.
 observe that the total ex-
 penditure on Capital Account
 is estimated by the Company's
 Office at Rs. 15,63,677. That
 amount is diminished by
 the



* In sanctioned
 works scheduled
 * do do by Dept.

the lementing figures for the
 reasons stated in para 8, to
 Rs. 14,17,677 by reduction of the
 provision for improvement Re-
 quirements (Engineer Dept)
 from Rs. 80,000 to Rs. 20,000, and
 the addition of Rs. 5000 (part of
 Rs. 55,239 reported to in para 3 of
 these Proceedings) for the over-
 bridge which it is proposed to
 erect at Jallaspet. With
 these modifications, which are
 approved by the Secretary to
 Govt., the Budget of Capital
 Expenditure for 1875-76, contrasted
 with the current year's Budget,
 and Regular Estimate will stand
 distributed as shown in the
 subjoined abstract.

Heads	Budget Estimate for 1875-76	Regular Estimate for 1875-76 as accepted by Govt.	Budget Estimate for 1875-76 as now approved
Engineer Dept	5,21,436	3,07,526	5,21,436
Locomotive do	10,500	17,286	10,500
Carriage & Wagon do	1,14,381	38,647	1,14,381
Establishments	85,000	66,994	85,000
Stores	5,75,000	785,760	5,75,000
Total	13,06,315	12,16,211	13,06,315
Refunds	15,00,000	15,49,000	15,00,000
Net Cash Demands	193,685	332,789	17,00,000
			2,82,323

11. The Government accept the estimate of Refunds at Rs 17,00,000 entered in the foregoing statement and they vote, with reference to para 9 of the Comptroller Engineer's letter, that the amount included in the Budget under the head of "Stores" for the purchase of Indian Coal, is Rs 86,400.

12. The Revenue for 1875-76 is estimated by the Agent at Rs 60,25,000 in the aggregate. The Comptroller Engineer then and the Government agree in the opinion, that having regard to the shortly expected establishment of through communication on the h. h. line, the Agent's estimate may be increased by one lakh of Rupees. Against this Revenue the expenditure budgeted for by the Company is Rs 40,17,600 to which it will be necessary to

to add Rs 76,076, being the difference between the estimate for, and the current year's outlay on the bridges referred to in para 9 above. This will increase the expenditure to Rs 40,93,676. Deducting from that amount the expected saving of Rs 92,792 on the estimate of Traffic Expenses, the estimate of charges will stand at Rs 39,97,888, and the Revenue Account is accordingly placed as follows:-

Heads	Budget estimate for 1875-76	Regular estimate for 1875-76 as at present provided	Budget estimate for 1875-76 as now at present provided
Receipts	61,46,000	69,21,500	61,21,500
Expenditure	38,47,809	40,84,776	39,97,888
Balance	25,98,191	18,36,724	21,23,612

For Rs ✓
by Act ✓
to be ✓
22/1/75.
upto both 23/1/75.

Signed 30th April
despt 23/1/75.

N.B. No 161 of
copy of the above
forwarded to the Govt. of India
C. S. M.

7900

Oct. of 1874 Madras.
PUBLIC WORKS.

Handwritten signature
Handwritten signature

Recd. /

G. O. 20 Jan'y No. 110
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No. 333-335.

Estimate

as in letter

Forwarding copy
of preceding passage
in letter from the Engineer
for Dept submitting the
Annual Estimates
for 1874/75 and the
Budget Estimate
for 1875/76 of the
Madras Railway
Company.