M.R.O. 1—10,006—28-2-50.

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	162-68	Press	
B.P. No.		Mis.	6875
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Proceedings of the Madras Government, Public Works Department, 20th January 1875.

Read the following papers :—

No. 341. 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, 10th December 1874, No. 747.

I HAVE the honor to forward the Regular Estimate for the current year and the Budget Estimate for 1875-76 of the South Indian Railway. Errors appear to have been made in the expenditure up to date under preliminary expenses and in the totals of Schedule D, and in these cases the correct figures have been entered in red.

2. A note on the Budget will follow on receipt of further information from the Agent. The estimates are forwarded now in order that they may be placed in the printer's hands.

CAPITAL ACCOUNT.

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

Details.	Actuals in 1873-74.	Sanctioned Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
Engineering Department.				
Sanctioned works, Schedule A	Rs. 7,75,198	Rs. 29,22,848	Rs. 23,11,864	Rs. 40,66,054
Works to be sanctioned, Schedule B	...	4,49,000	1,47,761	11,62,328
Locomotive Department.				
Sanctioned works, Schedule A	...	2,00,000	37,009	3,76,600
Works to be sanctioned, rolling stock, Chingleput—Conjeveram Section	...	...	...	13,300
Establishments and Contingencies, Schedule D	4,04,795	6,37,152	4,96,048	6,41,159
Stores, Schedule E	3,81,605	3,87,000	6,00,000	5,50,000
Total...	15,61,578	45,96,000	35,92,673	68,09,441
Receipts to be credited to Capital Account.				
Refunds, etc.	3,21,595	3,28,000	1,30,000	30,000
Net Cash demand of the year...	12,39,983	42,68,000	34,62,673	67,79,441

REVENUE ACCOUNT.

Estimate of Revenue for 1875-76.

Items.	Actuals in 1873-74.	Sanctioned Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
Receipts as per Schedule F.				
Coaching Traffic	Rs. 5,21,332	Rs. 5,11,000	Rs. 5,30,000	Rs. 11,20,000
Goods Traffic...	4,88,038	4,25,200	4,12,000	8,50,000
Electric Telegraph earnings	5,530	6,100	5,200	10,000
Sundries	30,583	36,700	10,800	20,000
Total...	10,45,543	9,79,000	9,58,000	20,00,000
Expenditure as per Schedule G.				
Maintenance of way, work, and stations	1,19,744	1,53,930	1,53,050	1,08,600
Locomotive expenses	2,56,250	2,45,620	2,23,990	4,25,500
Carriage and Wagon expenses	43,125	60,750	59,580	52,360
Traffic expenses	87,540	97,060	89,420	1,76,750
General charges	68,016	55,790	61,250	1,33,400
Special and Miscellaneous expenditure	12,354	15,200	13,000	16,000
Total...	5,92,029	6,18,350	6,05,290	9,12,550
Balance...	4,53,514	3,60,650	3,52,710	10,87,450

(Signed) R. K. WILLIAMS,
Offg. Examiner of Railway Accounts.

(Signed) W. S. BETTS,
Agent.

SCHEDULE A.

ENGINEERING DEPARTMENT.

Budget Estimate for the year 1875-76.

Date of Sanction.	No.	Details.	Amount of Estimate.			Expenditure up to close of Official year 1873-74.			Estimated Expenditure during the year 1874-75.			Estimated Expenditure for the year 1875-76.			Estimated Expenditure in future years.
			Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
	I.	PRELIMINARY EXPENSES—	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
		* Northern Extension...	4,05,364	.....	4,05,364	3,69,487	.....	3,69,487							
		† Southern do. ...	2,46,500	.....	2,46,500	3,03,572	.....	3,03,572							
		‡ Conjeveram to Chingleput	10,000	.....	10,000	6	.....	6	10,756	.....	10,756	.....	.....	.....	.....
		‡ Vellapooram to French Frontier	1,000	.....	1,000	238	.....	238							
		Total...	6,62,864	.....	6,62,864	6,73,303	.....	6,73,303	10,756	.....	10,756	.....	.....	.....	.....
15th, G. O., No. 1,876, of 13th July 1874.	III.	CONSTRUCTION OF LINE—													
		(1.) EARTHWORK.													
		Northern Extension.													
		District No. 1 ...				2,439	.....	2,439	10,000	100	10,100	7,510	.....	7,510	.....
		,, ,, 2 ...				10,658	.....	10,658	20,000	100	20,100	8,492	.....	8,492	.....
		,, ,, 3 ...				5,841	.....	5,841	30,000	100	30,100	24,905	.....	24,905	.....
		,, ,, 4 ...				345	.....	345	20,000	100	20,100	21,323	.....	21,323	.....
		,, ,, 5 ...				1,632	.....	1,632	20,000	100	20,100	25,774	.....	25,774	.....
		,, ,, 6 ...				3,875	.....	3,875	35,000	100	35,100	21,610	.....	21,610	5,0[illegible]0
		,, ,, 7 ...				245	.....	245	30,000	100	30,100	5,732	.....	5,732	5,0[illegible]0
		,, ,, 8 ...	7,12,243		7,12,243	5,357	.....	5,357	20,000	100	20,100	3,647	.....	3,647	
		,, ,, 9 ...				6,621	.....	6,621	20,000	100	20,100	9,455	.....	9,455	
		,, ,, 10 ...				...	.....	.....	10,000	200	10,200	43,505	.....	43,505	
		,, ,, 11 ...				.....	.....	.....	5,000	200	5,200	41,800	.....	41,800	
C. E. No. 93, of 27th March / Consg. Engr's. letter, No. 380, of 5th Sept. 1873.		,, ,, 12 ...				.....	.....	.....	5,000	200	5,200	14,175	.....	14,175	3,000
		,, ,, 13 ...				.....	.....	.....	5,000	200	5,200	20,822	.....	20,822	3,000
		,, ,, 14 ...				.....	.....	.....	5,000	200	5,200	23,135	.....	23,135	3,000
		,, ,, 15 ...				.....	.....	.....	5,000	200	5,200	14,999	.....	14,999	2[illegible]0
		,, ,, 16 ...				.....	.....	.....	5,000	200	5,200	30,840	.....	30,840	.....
		,, ,, 17 ...				.....	.....	.....	15,000	200	15,200	50,781	.....	50,781	.....
		Total...	7,12,243	.....	7,12,243	37,013	.....	37,013	2,60,000	2,500	2,62,500	3,78,505	.....	3,78,505	34,225
		Southern Extension.													
		District No. 1 ...	70,037	.....	70,037	50,317	180	50,497	19,390	150	19,540	.....	.....	.....	.....
		,, ,, 2 ...	51,137	.....	51,137	41,272	191	41,463	9,574	100	9,674	.....	.....	.....	.....
		,, ,, 3 ...	66,646	.....	66,646	31,640	68	31,708	23,000	.....	23,000	11,938	.....	11,938	.....
		,, ,, 4 ...	70,429	.....	70,429	49,140	4	49,144	11,500	.....	11,500	9,785	.....	9,785	.....
		,, ,, 5 ...	55,888	.....	55,888	40,235	7	40,242	8,500	.....	8,500	7,146	.....	7,146	.....
		,, ,, 6 ...	43,277	.....	43,277	34,912	3	34,915	8,362	.....	8,362	.....	.....	.....	.....
		,, ,, 7 ...	53,679	.....	53,679	22,706	.....	22,706	13,000	.....	13,000	17,973	.....	17,973	.....
		,, ,, 8 ...	42,342	.....	42,342	33,538	.....	33,538	6,000	.....	6,000	2,804	.....	2,804	.....
		,, ,, 9 ...	44,232	.....	44,232	33,104	13	33,117	6,500	.....	6,500	4,615	.....	4,615	.....
		,, ,, 10 ...	42,287	.....	42,287	31,022	8	31,030	9,115	.....	9,115	2,142	.....	2,142	.....
		,, ,, 11 ...	40,272	.....	40,272	19,919	12	19,931	18,341	.....	18,341	2,000	.....	2,000	.....
		,, ,, 12 ...	23,920	.....	23,920	14,026	.....	14,026	4,500	.....	4,500	5,394	.....	5,394	.....
		,, ,, 13 ...	40,160	.....	40,160	26,169	7	26,176	13,984	.....	13,984	.....	.....	.....	.....
		,, ,, 14 ...	54,972	.....	54,972	25,832	4	25,836	11,500	.....	11,500	17,636	.....	17,636	.....
		Total...	6,99,278	.....	6,99,278	4,53,832	497	4,54,329	1,63,266	250	1,63,516	81,433	.....	81,433	.....
		Total Earthwork...	14,11,521	.....	14,11,521	4,90,845	497	4,91,342	4,23,266	2,750	4,26,016	4,59,938	.....	4,59,938	34,225
		(2.) BRIDGE-WORK.													
		(1.) MINOR BRIDGES, ETC.													
		Northern Extension.	5,24,687	41,229	5,65,916	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		District No. 1 ...	.....	.....	.....	407	.....	407	7,000	.....	7,000	3,031	1,101	4,132	.....
		,, ,, 2 ...	.....	.....	.....	514	.....	514	7,000	.....	7,000	16,343	2,518	18,861	.....

* Consulting Engineer's letter, No. 93, of 27th March 1873, G. O., No. 1,876, of 13th July 1874.
† Do. do., No. 380, of 5th September 1873.
‡ Do. do., No. 199, of 25th September 1874.

Budget Estimate for the year 1875-76.—(Continued.)

Date of Sanction.	No.	Details.	Amount of Estimate.			Expenditure up to close of Official year 1873-74.			Estimated Expenditure during the year 1874-75.			Estimated Expenditure for the year 1875-76.			Estimated Expenditure in future years.
			Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
		Northern Extension.—(Concld.)	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
		District No. 3 ...	.....	.....	.....	224	.....	224	7,000	.....	7,000	15,142	2,360	17,502	.....
		,, ,, 4 ...	.....	.....	.....	63	.....	63	5,000	.....	5,000	12,830	1,888	14,718	.....
		,, ,, 5 ...	.....	.....	.....	27	.....	27	5,000	.....	5,000	21,813	2,832	24,645	.....
		,, ,, 6 ...	.....	.....	.....	50	.....	50	5,000	.....	5,000	19,790	2,832	22,622	2,000
		,, ,, 7 ...	.....	.....	.....	.....	.....	.....	5,000	.....	5,000	16,858	2,518	19,376	2,000
		,, ,, 8 ...	.....	.....	.....	27	.....	27	5,000	.....	5,000	13,848	2,203	16,051	2,000
		,, ,, 9 ...	.....	.....	.....	2,686	.....	2,686	10,000	.....	10,000	3,207	1,888	5,095	2,000
		,, ,, 10 ...	.....	.....	.....	.....	.....	.....	5,000	.....	5,000	38,134	2,861	40,995	.....
		,, ,, 11 ...	.....	.....	.....	.....	.....	.....	5,000	.....	5,000	32,539	2,623	35,162	2,000
		,, ,, 12 ...	.....	.....	.....	.....	.....	.....	2,000	.....	2,000	10,973	1,192	12,165	5,000
		,, ,, 13 ...	.....	.....	.....	.....	.....	.....	5,000	.....	5,000	33,893	3,022	36,915	10,000
		,, ,, 14 ...	.....	.....	.....	.....	.....	.....	5,000	.....	5,000	33,893	3,022	36,915	10,000
		,, ,, 15 ...	.....	.....	.....	.....	.....	.....	5,000	.....	5,000	33,893	3,022	36,915	10,000
		,, ,, 16 ...	.....	.....	.....	.....	.....	.....	5,000	.....	5,000	40,132	2,790	42,922	.....
		,, ,, 17 ...	.....	.....	.....	.....	.....	.....	5,000	.....	5,000	36,370	2,557	38,927	.....
		Total...	5,24,687	41,229	5,65,916	3,998	.....	3,998	93,000	.....	93,000	3,82,689	41,229	4,23,918	45,000
		Southern Extension.													
		District No. 1 ...	41,590	4,137	45,727	25,014	1,118	26,132	9,576	3,019	12,595	7,000	.....	7,000	.....
		,, ,, 2 ...	37,871	3,064	40,935	23,886	147	24,033	7,985	2,917	10,902	6,000	.....	6,000	.....
		,, ,, 3 ...	42,403	7,832	50,235	15,568	189	15,757	13,835	7,643	21,478	13,000	.....	13,000	.....
		,, ,, 4 ...	45,646	1,586	47,232	30,477	18	30,495	5,169	1,568	6,737	10,000	.....	10,000	.....
		,, ,, 5 ...	63,684	17,267	80,951	37,762	261	38,023	15,922	17,006	32,928	10,000	.....	10,000	.....
		,, ,, 6 ...	38,778	8,066	46,844	21,472	4	21,476	12,306	8,062	20,368	5,000	.....	5,000	.....
		,, ,, 7 ...	49,688	5,172	54,860	25,872	417	26,289	9,816	4,755	14,571	14,000	.....	14,000	.....
		,, ,, 8 ...	25,026	5,987	31,013	14,527	.....	14,527	8,499	5,987	14,486	2,000	.....	2,000	.....
		,, ,, 9 ...	29,381	9,160	38,541	17,480	100	17,580	9,901	4,530	14,431	2,000	4,[illegible]50	[illegible]800	.....
		,, ,, 10 ...	28,154	6,066	34,220	15,383	204	15,587	10,771	2,931	13,702	2,000	2,931	4,931	.....
		,, ,, 11 ...	30,004	4,363	34,367	18,342	13	18,355	9,662	4,350	14,012	2,000	.....	2,000	.....
		,, ,, 12 ...	28,411	8,610	37,021	16,431	.....	16,431	4,980	8,610	13,590	7,000	.....	7,000	.....
		,, ,, 13 ...	41,208	8,474	49,682	21,719	1,046	22,765	15,489	7,428	22,917	4,000	.....	4,000	.....
		,, ,, 14 ...	63,846	14,669	78,515	26,258	195	26,453	27,588	14,474	42,062	10,000	.....	12,000	.....
		Total...	5,65,690	1,04,453	6,70,143	3,10,191	3,712	3,13,903	1,61,499	93,280	2,54,779	94,000	7,461	1,01,461	.....
		Total, Minor Bridges, etc.	10,90,377	1,45,682	12,36,059	3,14,189	3,712	3,17,901	2,54,499	93,280	3,47,779	4,76,689	48,690	5,25,379	45,000
		(2.) Large Bridges.													
		Northern Extension.													
		M. Chs.													
		District No. 1 at 2 76				96	.....	96	7,000	.....	7,000	2,689	6,850	9,539	.....
		,, ,, 1 ,, 6 50				.....	.....	.....	10,000	.....	10,000	9,353	11,000	20,353	.....
		,, ,, 2 ,, 22 0				.....	.....	.....	3,000	.....	3,000	1,846	2,180	4,026	.....
		,, ,, 3 ,, 23 47				3	.....	3	2,000	.....	2,000	487	2,384	2,871	.....
		,, ,, 3 ,, 33 73				3	.....	3	3,000	.....	3,000	1,901	2,180	4,081	.....
		,, ,, 4 ,, 42 65				40	.....	40	5,000	.....	5,000	1,41,685	1,84,322	3,26,007	.....
		,, ,, 4 ,, 44 69				.....	.....	.....	3,000	.....	3,000	3,483	3,000	6,483	.....
		,, ,, 4 ,, 42 8				.....	.....	.....	7,000	.....	7,000	4,275	3,178	7,453	.....
		,, ,, 4 ,, 45 30				.....	.....	.....	3,000	.....	3,000	1,962	2,180	4,142	.....
		,, ,, 4 ,, 49 12	4,20,185	4,38,280	8,58,465	.....	.....	.....	5,000	.....	5,000	14,182	13,016	27,198	.....
		,, ,, 6 ,, 84 29				.....	.....	.....	4,000	.....	4,000	2,164	3,730	5,894	1,000
		,, ,, 6 ,, 85 70				.....	.....	.....	5,000	.....	5,000	8,298	8,400	16,698	1,000
		,, ,, 7 ,, 92 14				.....	.....	.....	7,000	.....	7,000	1,082	4,660	5,742	500
		,, ,, 7 ,, 97 3				.....	.....	.....	3,000	.....	3,000	2,080	2,800	4,880	500
		,, ,, 8 ,, 103 41				.....	.....	.....	4,000	.....	4,000	2,997	5,140	8,137	1,000
		,, ,, 8 ,, 105 2				17	.....	17	5,000	.....	5,000	82,283	1,15,300	1,97,583	2,000
		,, ,, 8 ,, 106 13				.....	.....	.....	3,000	.....	3,000	1,869	2,250	4,119	200
		,, ,, 9 ,, 124 5				15	.....	15	3,000	.....	3,000	39,705	56,180	95,885	2,000
		,, ,, 9 ,, 127 38				.....	.....	.....	5,000	.....	5,000	1,970	9,530	11,500	500
		,, ,, 10 ,, 139 28				.....	.....	.....	5,000	.....	5,000	11,614	12,337	23,951	.....
		,, ,, 11 ,, 146 20				.....	.....	.....	5,000	.....	5,000	52,394	48,671	1,01,065	.....
		,, ,, 12 ,, 152 46				.....	.....	.....	4,000	.....	4,000	2,054	1,512	3,566	500
		,, ,, 12 ,, 154 2				.....	.....	.....	4,000	.....	4,000	11,614	12,337	23,951	1,000
		,, ,, 12 ,, 155 35				.....	.....	.....	5,000	.....	5,000	1,71,192	1,64,101	3,35,293	5,000
		,, ,, 12 ,, 154 4				.....	.....	.....	3,000	.....	3,000	5,337	5,658	10,995	500
		,, ,, 14 ,, 169 18				.....	.....	.....	3,000	.....	3,000	2,088	1,998	4,086	200
		,, ,, 14 ,, 174 4	3,75,739	3,17,527	6,93,266	.....	.....	.....	3,000	.....	3,000	2,517	4,244	6,761	200

Budget Estimate for the year 1875-76.—(Continued.)

Date of Sanction	No.	Details.	Amount of Estimate.			Expenditure up to close of Official year 1873-74.			Estimated Expenditure during the year 1874-75.			Estimated Expenditure for the year 1875-76.			Estimated Expenditure in future years.
			Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
		Northern Extension.—(Concld.)	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
		M. Chs.													
		District No. 15 at 185 67							3,000	.....	3,000	2,438	4,244	6,682	200
		,, ,, 15 ,, 194 49							5,000	.....	5,000	3,068	5,658	8,726	500
		,, ,, 16 ,, 200 74							2,000	.....	2,000	5,116	4,244	9,360	.....
		,, ,, 16 ,, 201 19							4,000	.....	4,000	9,431	8,488	17,919	.....
		,, ,, 17 ,, 211 36							7,000	.....	7,000	9,010	16,804	25,814	.....
		,, ,, 17 ,, 214 29							7,000	.....	7,000	10,402	20,159	30,561	.....
		,, ,, 17 ,, 215 31							5,000	.....	5,000	4,364	7,072	11,436	.....
		Total...	7,95,924	7,55,807	15,51,731	174	.....	174	1,52,000	.....	1,52,000	6,26,950	7,55,807	13,82,757	16,800
		Southern Extension.													
		M. Chs													
		District No. 1 at 0 54	3,933	1,481	5,414	.....	.....	.....	3,933	1,481	5,414	.....	.....	.....	.....
		,, ,, 1 ,, 3 43	18,835	7,711	26,546	12,776	1,563	14,339	6,059	6,148	12,207	.....	.....	.....	.....
		,, ,, 1 ,, 4 3	9,436	3,850	13,286	3,523	.....	3,523	5,913	3,850	9,763	.....	.....	.....	.....
		,, ,, 2 ,, 2 41	8,492	3,849	12,341	6,831	50	6,881	1,661	3,799	5,460	.....	.....	.....	.....
		,, ,, 2 ,, 9 51	2,780	2,887	5,667	1,761	.....	1,761	1,019	2,887	3,906	.....	.....	.....	.....
		,, ,, 3 ,, 1 45	10,465	4,812	15,277	5,775	.....	5,775	4,690	4,812	9,502	.....	.....	.....	.....
		,, ,, 3 ,, 9 40	10,095	5,614	15,709	3,530	.....	3,530	3,565	5,614	9,179	3,000	.....	3,000	.....
		,, ,, 3 ,, 14 46	7,110	4,627	11,737	3,995	.....	3,995	3,115	4,627	7,742	.....	.....	.....	.....
		,, ,, 4 ,, 5 73	5,014	3,084	8,098	11,155	.....	1,155	3,859	3,084	6,943	.....	.....	.....	.....
		,, ,, 4 ,, 8 42	26,585	9,253	35,838	2,742	.....	12,742	6,843	9,253	16,096	7,000	.....	7,000	.....
		,, ,, 5 ,, 3 9	6,267	.....	6,267	4,502	.....	4,502	1,765	.....	1,765	.....	.....	.....	.....
		,, ,, 7 ,, 5 13	68,945	84,203	1,53,148	17,342	440	17,782	31,603	83,763	1,15,366	20,000	.....	20,000	.....
		,, ,, 8 ,, 5 51	13,238	10,795	24,033	4,270	.....	4,270	3,968	10,795	14,763	5,000	.....	5,000	.....
		,, ,, 8 ,, 10 47	22,066	9,253	31,319	7,835	.....	7,835	7,231	9,253	16,484	7,000	.....	7,000	.....
		,, ,, 8 ,, 14 10	8,329	3,331	11,660	2,185	.....	2,185	2,144	3,331	5,475	4,000	.....	4,000	.....
		,, ,, 9 ,, 7 30	19,420	13,879	33,299	5,616	.....	5,616	6,804	13,879	20,683	7,000	.....	7,000	.....
		,, ,, 9 ,, 13 72	6,548	3,849	10,397	1,460	.....	1,460	3,088	3,849	6,937	2,000	.....	2,000	.....
		,, ,, 9 ,, 14 2	3,677	2,887	6,564	821	.....	821	2,356	2,887	5,243	500	.....	500	.....
		,, ,, 10 ,, 2 23	35,446	28,068	63,514	6,365	.....	6,365	17,081	28,068	45,149	12,000	.....	12,000	.....
		,, ,, 10 ,, 6 35	21,245	16,224	37,469	4,877	.....	4,877	4,368	16,224	20,592	12,000	.....	12,000	.....
		,, ,, 10 ,, 8 30	57,920	67,363	1,25,283	12,818	91	12,909	28,102	67,272	95,374	17,000	.....	17,000	.....
		,, ,, 10 ,, 8 64	14,845	5,614	20,459	6,040	.....	6,040	3,805	5,614	9,419	5,000	.....	5,000	.....
		,, ,, 10 ,, 12 36	5,409	2,887	8,296	2,102	.....	2,102	3,107	2,887	5,994	200	.....	200	.....
		,, ,, 11 ,, 0 73	10,680	6,169	16,849	4,976	.....	4,976	3,704	6,169	9,873	2,000	.....	2,000	.....
		,, ,, 12 ,, 2 3	3,223	2,887	6,110	1,424	.....	1,424	1,599	2,887	4,486	200	.....	200	.....
		,, ,, 12 ,, 3 27	3,730	2,887	6,617	1,493	.....	1,493	2,037	2,887	4,924	200	.....	200	.....
		,, ,, 13 ,, 2 46	14,232	9,734	23,966	7,348	.....	7,348	3,884	9,734	13,618	3,000	.....	3,000	.....
		,, ,, 13 ,, 3 67	15,701	12,979	28,680	7,146	130	7,276	3,555	12,849	16,404	5,000	.....	5,000	.....
		,, ,, 14 ,, 2 45	5,311	2,887	8,198	2,216	.....	2,216	3,095	2,887	5,982	.....	.....	.....	.....
		,, ,, 14 ,, 5 9	53,267	56,136	1,09,403	27,964	85	28,049	20,303	56,051	76,354	5,000	.....	5,000	.....
		,, ,, 14 ,, 13 70	6,052	3,084	9,136	1,630	.....	1,630	4,422	3,084	7,506	.....	.....	.....	.....
		Total...	4,98,296	3,92,284	8,90,580	1,82,518	2,359	1,84,877	1,98,678	3,89,925	5,88,603	1,17,100	.....	1,17,100	.....
		Total, Large Bridges...	12,94,220	11,48,091	24,42,311	1,82,692	2,359	1,85,051	3,50,678	3,89,925	7,40,603	7,44,050	7,55,807	14,99,857	16,800
		(4.) Level Crossings.													
		Northern Extension.													
		District No. 1 ...							1,075	.....	1,075	1,078	127	1,205	.....
		,, ,, 2 ...							2,461	.....	2,461	2,461	291	2,752	.....
		,, ,, 3 ...							2,307	.....	2,307	2,307	273	2,580	.....
		,, ,, 4 ...							1,845	.....	1,845	1,846	218	2,064	.....
		,, ,, 5 ...							2,768	.....	2,768	2,768	328	3,096	.....
		,, ,, 6 ...							2,768	.....	2,768	2,568	328	2,896	200
		,, ,, 7 ...							2,460	.....	2,460	2,261	292	2,553	200
		,, ,, 8 ...							2,153	.....	2,153	1,953	255	2,208	200
		,, ,, 9 ...	1,00,867	3,366	1,04,233	.....	.....	.....	1,845	.....	1,845	1,646	218	1,864	200
		,, ,, 10 ...							1,303	.....	1,303	3,305	444	3,749	.....
		,, ,, 11 ...							1,112	.....	1,112	3,113	407	3,520	.....
		,, ,, 12 ...							910	.....	910	810	185	995	200
		,, ,, 13 ...							1,320	.....	1,320	8,870	250	9,120	200
		,, ,, 14 ...							1,320	.....	1,320	8,870	250	9,120	200
		,, ,, 15 ...							1,320	.....	1,320	8,870	250	9,120	200
		,, ,, 16 ...							2,910	.....	2,910	6,661	250	6,911	.....
		,, ,, 17 ...							2,501	.....	2,501	6,251	250	6,501	.....
		Total...	1,00,867	3,366	1,04,233	.....	.....	.....	32,379	.....	32,379	65,638	4,616	70,254	1,000

Budget Estimate for the year 1875-76.—(Continued.)

Date of Sanction.	No.	Details.	Amount of Estimate.			Expenditure up to close of Official year 1873-74.			Estimated Expenditure during the year 1874-75.			Estimated Expenditure for the year 1875-76.			Estimated Expenditure in future years.
			Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
		(4.) Level crossings.—(*Concluded.*)	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
		Southern Extension.													
		District No. 1 ...	11,766	.....	11,766	2,330	528	2,858	7,408	1,500	8,908	.....	.....	.....	.....
		,, ,, 2 ...	9,845	.....	9,845	.....	.....	.....	8,845	1,000	9,845	.....	.....	.....	.....
		,, ,, 3 ...	9,576	.....	9,576	.....	.....	.....	8,576	1,000	9,576	.....	.....	.....	.....
		,, ,, 4 ...	8,030	.....	8,030	4	.....	4	7,026	1,000	8,026	.....	.....	.....	.....
		,, ,, 5 ...	10,489	.....	10,489	.....	.....	.....	8,489	2,000	10,489	.....	.....	.....	.....
		,, ,, 6 ...	11,443	.....	11,443	111	.....	111	9,332	2,000	11,332	.....	.....	.....	.....
		,, ,, 7 ...	13,974	.....	13,974	1,552	1,829	3,381	8,593	2,000	10,593	.....	.....	.....	.....
		,, ,, 8 ...	7,922	.....	7,922	.....	.....	.....	5,422	1,000	6,422	1,500	.....	1,500	.....
		,, ,, 9 ...	8,604	.....	8,604	.....	.....	.....	6,104	1,000	7,104	1,500	.....	1,500	.....
		,, ,, 10 ...	7,521	.....	7,521	94	.....	94	4,927	1,000	5,927	1,500	.....	1,500	.....
		,, ,, 11 ...	12,160	.....	12,160	1,580	.....	1,580	7,080	2,000	9,080	1,500	.....	1,500	.....
		,, ,, 12 ...	9,421	.....	9,421	450	.....	450	6,471	1,000	7,471	1,500	.....	1,500	.....
		,, ,, 13 ...	18,480	.....	18,480	625	.....	625	15,855	2,000	17,855	.....	.....	.....	.....
		,, ,, 14 ...	8,223	.....	8,223	57	.....	57	7,166	1,000	8,166	.....	.....	.....	.....
		Total ..	1,47,454	... ..	1,47,454	6,803	2,357	9,160	1,11,294	19,500	1,30,794	7,500	.....	7,500	.....
		Total, Level crossings...	2,48,321	3,366	2,51,687	6,803	2,357	9,160	1,43,673	19,500	1,63,173	73,138	4,616	77,754	1,600
		(5.) Fencing.													
		Northern Extension ...	1,07,661	80,852	1,88,513	582	.....	582	30,000	20,000	50,000	13,907	1,22,424	1,36,331	1,600
		Southern do. ...	1,40,000	.....	1,40,000	11,875	3,790	15,665	99,085	19,250	1,18,335	6,000	.....	6,000	.....
		Total, Fencing...	2,47,661	80,852	3,28,513	12,457	3,790	16,247	1,29,085	39,250	1,68,335	19,907	1,22,424	1,42,331	1,600
		Total, Construction of line.	42,92,100	13,77,991	56,70,091	10,06,986	12,715	10,19,701	13,01,201	5,44,705	18,45,906	17,73,722	9,31,537	27,05,259	99,225
	IV.	Ballast and Permanent-way.													
		(1.) *Ballasting.*													
		Northern Extension.													
		District No. 1							4,231	.....	4,231	4,231	.....	4,231	.....
		,, ,, 2							4,671	.....	4,671	14,672	.....	14,672	.....
		,, ,, 3							4,067	.....	4,067	14,067	.....	14,067	.....
		,, ,, 4							3,253	.....	3,253	11,254	.....	11,254	.....
		,, ,, 5							5,880	.....	5,880	15,880	.....	15,880	.....
		,, ,, 6							5,880	.....	5,880	14,880	.....	14,880	1,000
		,, ,, 7							4,671	.....	4,671	13,672	.....	13,672	1,000
		,, ,, 8							3,462	.....	3,462	12,463	.....	12,463	1,000
		,, ,, 9	2,66,008	.....	2,66,008	.....	.....	.....	3,253	.....	3,253	10,254	.....	10,254	1,000
		,, ,, 10							4,749	.....	4,749	10,749	.....	10,749	.....
		,, ,, 11							4,103	.....	4,103	10,004	.....	10,004	100
		,, ,, 12							1,228	.....	1,228	4,229	.....	4,229	1,000
		,, ,, 13							1,874	.....	1,874	12,874	.....	12,874	1,000
		,, ,, 14							1,874	.....	1,874	12,874	.....	12,874	1,000
		,, ,, 15							1,874	.....	1,874	12,874	.....	12,874	1,000
		,, ,, 16							1,268	.....	1,268	13,268	.....	13,268	.....
		,, ,, 17							3,662	.....	3,662	9,663	.....	9,663	.....
		Total...	2,66,008	.....	2,66,008	.....	.....	.....	60,000	.....	60,000	1,97,908	.....	1,97,908	8,100
		Southern Extension.													
		District No. 1 ...	21,326	.....	21,326	2,456	.....	2,456	10,870	.....	10,870	8,000	.....	8,000	.....
		,, ,, 2 ...	17,198	.....	17,198	.....	.....	.....	9,198	.....	9,198	8,000	.....	8,000	.....
		,, ,, 3 ...	17,716	.....	17,716	.....	.....	.....	9,716	.....	9,716	8,000	.....	8,000	.....
		,, ,, 4 ...	17,624	.....	17,624	.....	.....	.....	9,624	.....	9,624	8,000	.....	8,000	.....
		,, ,, 5 ...	17,212	.....	17,212	79	.....	79	9,133	.....	9,133	8,000	.....	8,000	.....
		,, ,, 6 ...	16,912	.....	16,912	.....	.....	.....	8,912	.....	8,912	8,000	.....	8,000	.....
		,, ,, 7 ...	18,995	.....	18,995	529	.....	529	5,466	.....	5,466	13,000	.....	13,000	.....
		,, ,, 8 ...	16,871	.....	16,871	.....	.....	.....	3,871	.....	3,871	13,000	.....	13,000	.....
		,, ,, 9 ...	16,740	.....	16,740	.....	.....	.....	3,740	.....	3,740	13,000	.....	13,000	.....
		,, ,, 10 ...	16,735	.....	16,735	3	.....	3	3,732	.....	3,732	13,000	.....	13,000	.....
		,, ,, 11 ...	18,398	.....	18,398	268	.....	268	5,130	.....	5,130	13,000	.....	13,000	.....
		,, ,, 12 ...	20,480	.....	20,480	220	.....	220	7,260	.....	7,260	13,000	.....	13,000	.....

Budget Estimate for the year 1875-76.—(Continued.)

Date of Sanction.	No.	Details.	Amount of Estimate.			Expenditure up to close of Official year 1873-74.			Estimated Expenditure during the year 1874-75.			Estimated Expenditure for the year 1875-76.			Estimated Expenditure in future years.
			Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
	IV.	Ballast and Permanent-way.—(*Concld.*)	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
		District No. 13 ...	21,711	.....	21,711	72	.....	72	13,639	.....	13,639	8,000	.....	8,000	.....
		,, ,, 14 ...	19,739	.....	19,739	.....	.....	.....	11,739	.....	11,739	8,000	.....	8,000	.....
		Total...	2,57,657	.....	2,57,657	3,627	.....	3,627	1,12,030	.....	1,12,030	1,42,000	.....	1,42,000	.....
		Total, Ballasting...	5,23,665	.....	5,23,665	3,627	.....	3,627	1,72,030	.....	1,72,030	3,39,908	.....	3,39,908	8,100
		(2.) Permanent-way.													
		Northern Extension.													
		District No. 1 ...							5,000	80,000	85,000	11,911	15,314	27,225	.....
		,, ,, 2 ...							5,000	2,00,000	2,05,000	33,655	17,863	51,518	.....
		,, ,, 3 ...							5,000	50,000	55,000	31,239	1,54,245	1,85,484	.....
		,, ,, 4 ...							5,000	50,000	55,000	23,991	1,13,396	1,37,387	.....
		,, ,, 5 ...							5,000	60,000	65,000	38,486	1,85,091	2,23,580	.....
		,, ,, 6 ...							10,000	1,00,000	1,10,000	23,486	1,45,094	1,68,580	10,000
		,, ,, 7 ...							5,000	1,00,000	1,05,000	25,655	1,05,862	1,31,517	20,000
		,, ,, 8 ...							5,000	90,000	95,000	16,823	92,629	1,09,452	20,000
		,, ,, 9 ...	5,09,344	32,16,868	37,26,212	.....	.....	.....	5,000	1,00,000	1,05,000	20,991	56,396	77,387	10,000
		,, ,, 10 ...							.....	.....	.....	28,241	1,96,747	2,24,988	.....
		,, ,, 11 ...							.....	.....	.....	25,887	1,80,351	2,06,238	.....
		,, ,, 12 ...							.....	.....	.....	5,883	40,989	46,872	46,873
		,, ,, 13 ...							.....	.....	.....	14,070	1,06,400	1,20,470	1,20,472
		,, ,, 14 ...							.....	.....	.....	14,070	1,06,400	1,20,470	1,20,472
		,, ,, 15 ...							.....	.....	.....	14,071	1,06,401	1,20,472	1,20,472
		,, ,, 16 ...							.....	.....	.....	25,976	1,96,432	2,22,408	.....
		,, ,, 17 ...							.....	.....	.....	23,812	1,80,063	2,03,875	.....
		Total...	5,09,344	32,16,868	37,26,212	.....	.....	.....	50,000	8,30,000	8,80,000	3,78,247	19,99,676	23,77,923	4,68,289
		Southern Extension.													
		District No. 1 ...	21,219	2,59,309	2,80,528	5,729	2,16,936	2,22,665	5,490	42,373	47,863	10,000	.....	10,000	.....
		,, ,, 2 ...	27,283	2,32,611	2,59,894	3,742	57,638	61,380	13,541	1,74,973	1,88,514	10,000	.....	10,000	.....
		,, ,, 3 ...	35,971	2,37,257	2,73,228	32	.....	32	25,939	2,37,257	2,63,196	10,000	.....	10,000	.....
		,, ,, 4 ...	42,717	2,35,756	2,78,473	2,233	21,435	23,668	24,484	2,14,321	2,38,805	16,000	.....	16,000	.....
		,, ,, 5 ...	51,052	2,30,393	2,81,445	32	.....	32	31,020	2,30,393	2,61,413	20,000	.....	20,000	.....
		,, ,, 6 ...	57,696	2,26,311	2,84,007	32	.....	32	37,664	2,26,311	2,63,975	20,000	.....	20,000	.....
		,, ,, 7 ...	58,536	2,26,986	2,85,522	13,916	84,401	98,317	34,620	1,42,585	1,77,205	10,000	.....	10,000	.....
		,, ,, 8 ...	54,137	2,25,755	2,79,892	.....	.....	.....	11,137	2,05,755	2,16,892	43,000	20,000	63,000	.....
		,, ,, 9 ...	46,370	2,27,619	2,73,989	.....	.....	.....	22,370	2,07,619	2,29,989	24,000	20,000	44,000	.....
		,, ,, 10 ...	38,603	2,23,900	2,62,503	5,392	54,215	59,607	20,211	1,53,685	1,73,896	13,000	16,000	29,000	.....
		,, ,, 11 ...	33,794	2,48,937	2,82,731	.....	.....	.....	20,794	2,28,937	2,49,731	13,000	20,000	33,000	.....
		,, ,, 12 ...	27,192	2,73,906	3,01,098	.....	.....	.....	15,192	2,53,906	2,69,098	12,000	20,000	32,000	.....
		,, ,, 13 ...	17,391	2,73,206	2,90,537	3,818	1,57,466	1,61,284	10,513	1,15,740	1,26,253	3,000	.....	3,000	.....
		,, ,, 14 ...	26,840	2,55,944	2,82,784	50	.....	50	10,790	2,55,944	2,66,734	16,000	.....	16,000	.....
		Total...	5,38,741	33,77,890	39,16,631	34,976	5,92,091	6,27,067	2,83,765	26,89,799	29,73,564	2,20,000	96,000	3,16,000	.....
		Total, Permanent-way.	10,48,085	65,94,758	76,42,843	34,976	5,92,091	6,27,067	3,33,765	35,19,799	38,53,564	5,98,247	20,95,676	26,93,923	4,68,289
		Total, Ballast and Permanent-way	15,71,750	65,94,758	81,66,508	38,603	5,92,091	6,30,694	5,05,795	35,19,799	40,25,594	9,38,155	20,95,676	30,33,831	4,76,389
	V.	Stations and Building.													
		Northern Extension ...	9,60,792	2,08,742	11,69,534	3,392	32	3,424	1,09,414	46,209	1,55,623	7,38,220	1,51,237	8,89,457	1,21,030
		Southern do. ...	7,50,436	1,50,204	9,00,640	50,324	3,783	54,107	3,34,610	1,31,788	4,66,398	3,65,502	14,633	3,80,135	.....
		Total, Stations and Buildings	17,11,228	3,58,946	20,70,174	53,716	3,815	57,531	4,44,024	1,77,997	6,22,021	11,03,722	1,65,870	12,69,592	1,21,030
	VI.	Telegraph, Temporary.													
		Northern Extension ...	10,957	1,482	12,439	.....	.....	.....	.....	.....	.....	10,957	1,482	12,439	.....
		Southern do. ...	12,000	.....	12,000	8,912	.....	8,912	3,088	.....	3,088	.....	.....	.....	.....
		Total, Telegraph, Temporary	22,957	1,482	24,439	8,912	.....	8,912	3,088	.....	3,088	10,957	1,482	12,439	.....

Budget Estimate for the year 1875-76.—(Concluded.)

Date of Sanction.	No.	Details.	Amount of Estimate.			Expenditure up to close of Official year 1873-74.			Estimated Expenditure during the year 1874-75.			Estimated Expenditure for the year 1875-76.			Estimated Expenditure in future years.
			Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
	VII.	PLANT.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
		Northern Extension.													
		1. Engineering ...	25,060	1,69,638	1,94,698	2,060	2,638	4,698	5,000	20,000	25,000	15,000	50,000	65,000	1,00,000
		2. Locomotive	2,014	80,000	82,014	.....	.....	.....	.....	.....	.....	2,014	80,000	82,014	.....
		3. Carriage and Wagon	2,000	38,000	40,000	.....	.....	.....	.....	.....	.....	2,000	38,000	40,000	.....
		4. Station and Office furniture	20,467	62,806	83,273	467	958	1,425	2,000	10,000	12,000	8,000	20,000	28,000	41,848
		Total...	49,541	3,50,444	3,99,985	2,527	3,596	6,123	7,000	30,000	37,000	27,014	1,88,000	2,15,014	1,41,848
		Southern Extension.													
		1. Engineering ...	1,21,927	94,345	2,16,272	8,015	55,929	63,944	10,000	50,000	60,000	10,000	82,328	92,328	.....
		2. Locomotive	1,656	14,847	16,503	.....	3,816	3,816	.....	4,000	4,000	1,656	7,031	8,687	.....
		3. Carriage and Wagon	828	7,423	8,251	.....	.....	.....	.....	.....	.....	828	7,423	8,251	.....
		4. Station and Office furniture	75,600	37,900	1,13,500	456	6,996	7,452	10,000	50,000	60,000	10,000	36,048	46,048	.....
		Total...	2,00,011	1,54,515	3,54,526	8,471	66,741	75,212	20,000	1,04,000	1,24,000	22,484	1,32,830	1,55,314	.....
		Total, PLANT...	2,49,552	5,04,959	7,54,511	10,998	70,337	81,335	27,000	1,34,000	1,61,000	49,498	3,20,830	3,70,328	1,41,848
	IX.	MAINTENANCE.													
		Northern Extension ...	1,61,550	.....	1,61,550	.....	.....	.....	.....	.....	.....	60,000	.....	60,000	1,01,550
		Southern do. ...	2,58,015	.....	2,58,015	.....	.....	.....	20,000	.....	20,000	1,30,000	.....	1,30,000	1,08,015
		Total, MAINTENANCE...	4,19,565	.....	4,19,565	.....	.....	.....	20,000	.....	20,000	1,90,000	.....	1,90,000	2,09,565
						17,92,518		24,71,476							10,48,057
		Grand Total...	89,30,016	88,38,136	1,77,68,152	15,34,710	6,78,958	22,13,668	23,11,864	43,76,501	66,88,365	40,66,054	35,15,395	75,81,449	12,84,670

TRICHINOPOLY,
29th October 1874.

(Signed) W. S. BETTS,
Agent.

(Signed) D. LOGAN,
Chief Engineer.

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

SCHEDULE A.

Budget Estimate for the year 1875-76.

No.	Details.	Amount of Estimate.			Estimated Expenditure during the Official year 1874-75.			Estimated Expenditure for the year 1875-76.			Estimated expenditure in future years.
		Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
	Rolling Stock.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
78	Locomotives										
2	5-ton Travelling Crane ...										
20	Composite Carriages ...										
10	First-class do.										
10	Second-class do.										
176	Third-class do.										
37	Passengers Brake Vans ...										
20	Horse-boxes										
4	Carriage Trucks										
14	Goods Brake Vans	4,13,600	31,04,760	35,18,360	37,000	2,95,000	3,32,000	3,76,600	28,09,760	31,86,360	.....
580	Covered Goods Wagons ...										
120	Ballast Wagons										
17	Timber Trucks										
3	Gun-powder Vans										
40	Salt Trucks										
229	High-sided Open Goods ...										
100	Cotton Trucks										
80	Open Goods										
3	Vans, Post Office										

NEGAPATAM,
November 1874.

(Signed) W. S. BETTS,
Agent.

(Signed) E. G. SHEWARD,
Loco. and Carriage Superintendent.

SCHEDULE B.

ENGINEERING DEPARTMENT.

Budget Estimate of Unsanctioned Works for the year 1875-76.

Details.	Amount of Estimate.			Estimated Expenditure during the year 1874-75.			Estimated Expenditure for the year 1875-76.			Estimated expenditure for future years.
	Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Electric Telegraph, permanent-line ...	1,58,607	63,245	2,21,852	99,696	37,905	1,37,601	58,911	25,340	84,251	.....
Salt Siding, Tuticorin	15,912	45,088	61,000	.....	.....	.....	15,912	45,088	61,000	.....
Do., Sydapet and Homes' Gardens.	27,023	34,677	61,700	.....	.....	.....	27,023	34,677	61,700	.....
Conjeveram—Chingleput Section ...	3,60,576	4,58,099	8,18,675	48,065	11,325	59,390	2,64,309	4,72,974	7,37,283	22,002
Branch, Villapooram to French frontier	4,15,450	3,49,550	7,65,000	.....	.....	.....	4,15,450	3,49,550	7,65,000	.....
Conversion of line to metre gauge—										
Negapatam—Erode Section ...	1,86,723	1,45,685	3,32,408	.....	.....	.....	1,86,723	1,45,685	3,32,408	.....
Arconum—Conjeveram Section...	1,34,000	3,22,000	4,56,000	.....	.....	.....	1,34,000	3,22,000	4,56,000	.....
Station building, Needamungalum ...	20,000	.....	20,000	.....	.....	.....	20,000	.....	20,000	.....
General Stores building, Negapatam.	20,000	10,000	30,000	.....	.....	.....	20,000	10,000	30,000	.....
Reserve to meet unforeseen contingencies	20,000	.....	20,000	.....	.....	.....	20,000	.....	20,000	.....
Total...	13,58,291	14,28,344	27,86,635	1,47,761	49,230	1,96,991	11,62,328	14,05,314	25,67,642	22,002

NEGAPATAM,
November 1874.

(Signed) W. S. BETTS,
Agent.

SCHEDULE D.

CAPITAL AND REVENUE.

Budget Estimate of Establishment and Contingencies for 1875-76.

Number.		Details.	Monthly Salary of Office.	Estimate, 1874-75.					Estimate, 1875-76.				
				Per Mensem.	Per Annum.	Distribution of Charges.			Per Mensem.	Per Annum.	Distribution of Charges.		
1874-75.	1875-76.					Capital.	Revenue.	Total.			Capital.	Revenue.	Total.
		Direction.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	1	Agent	1,818	1,818	21,818				1,818	21,818			
11	15	Clerks	.....	450	5,400				600	7,200			
8	10	Peons	.....	60	7 20				80	960			
1	1	Consulting Physician	150	150	1,800				200	2,400			
3	7	Apothecaries	.....	220	2,640				620	7,440			
5	9	Peons...	.....	36	432				70	840			
1	1	Chief Auditor	636	636	7,636	43,698	39,000	82,698	636	7,636	22,178	76,500	98,678
62	67	Clerks	.....	2,180	26,160				2,775	33,300			
12	15	Peons	.....	86	1,032				127	1,524			
1	1	General Storekeeper	500	500	6,000				500	6,000			
16	16	Clerks	.....	500	6,000				500	6,000			
24	24	Peons	.....	130	1,560				130	1,560			
...	...	Travelling allowance	.....	.....	1,500				.....	2,000			
		Maintenance Department.											
1	1	Resident Engineer	818	818	9,818				818	9,818			
...	...	Superintendence, Arconum Branch ...	.....	75	900				75	900			
1	1	Clerk	175	175	2,100				175	2,100			
1	1	Draughtsman	35	35	420				35	420			
7	7	Peons	.....	54	648				54	648			
...	...	Office-rent	.....	30	360				20	240			
4	4	Inspectors	.....	640	7,680				640	7,680			
4	4	Sub-Inspectors	.....	140	1,680				140	1,680			
3	4	Inspectors' Writers	.....	80	960	.....	67,008	67,008	80	960	.....	66,938	66,938
8	8	Lascars	.....	54	648				54	648			
4	4	Bellow Boys	.....	20	240				20	240			
4	4	Smith Maistries...	.....	60	720				60	720			
4	4	Carpenter Maistries	.....	60	720				60	720			
419	419	Platelayers	.....	2,532	30,384				2,532	30,384			
90	90	Line Watchmen...	.....	450	5,400				450	5,400			
72	75	Gatemen	.....	260	3,120				260	3,120			
...	...	Travelling Allowance	.....	.....	1,210				.....	1,260			

Budget Estimate of Establishment and Contingencies for 1875-76.—(Concluded.)

Number. 1874-75.	Number. 1875-76.	Details.	Monthly Salary of Office.	Estimate, 1874-75. Per Mensem.	Per Annum.	Distribution of Charges. Capital.	Revenue.	Total.	Estimate, 1875-76. Per Mensem.	Per Annum.	Distribution of Charges. Capital.	Revenue.	Total.
		Locomotive Department.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	1	Locomotive and Carriag uperintendent...	818	818	9,818				818	9,818			
1	1	Assistant to do. do ...	500	500	6,000				500	6,000			
1	1	Locomotive Foreman, Trichinopoly ...	300	300	3,600				300	3,600			
1	1	Do., Madura	350	350	4,200				350	4,200			
1.	1	Locomotive Foreman, Tuticorin ...	300	300	3,600				300	3,600			
...	1	Do., Madras	.....	.....	.....				300	3,600			
...	1	Do., Cuddalore ...	.....	.....	.....				300	3,600			
1	1	Foreman, Smith-shop	331	331	3,971				331	3,971			
1	1	Do. Carriage-shop	300	300	3,600				300	3,600			
4	4	Native Foremen	Varies.	175	2,100				175	2,100			
1	1	Chief Clerk	165	165	1,980				165	1,980			
25	35	Clerks	Varies.	695	8,340				973	11,676			
3	1	Draughtsmen	.....	120	1,440	25,866	98,352	1,24,218	50	600	14,249	1,49,941	1,64,190
19	25	Peons	.....	117	1,404				154	1,848			
23	30	Fitters	.....	1,064	12,768				1,388	16,656			
9	15	Drivers	.....	1,704	20,455				2,840	34,080			
43	55	Firemen	.....	1,525	18,300				1,950	23,400			
25	40	Cleaners	.....	108	1,296				173	2,076			
18	35	Coalmen	.....	160	1,920				311	3,732			
30	40	Watermen	.....	170	2,040				227	2,724			
30	45	Native Subordinates	.....	275	3,300				412	4,944			
4	4	Rolling Stock Inspectors	.....	105	1,260				105	1,260			
		Overtime and Batta	.....	.....	9,950				.....	12,000			
		Five Percentage	.....	.....	2,876				.....	3,125			
		Traffic Department.											
1	1	Traffic Manager	650	650	7,800				650	7,650			
...	3	District Superintendents	.....	.....	.....				900	8,100			
10	23	Clerks (and Peons)	Varies.	245	2,944				Varies.	7,800			
22	36	Guards	.....	515	6,180				.....	17,300			
2	3	Inspectors	.....	83	1,000	706	51,898	52,604	.....	3,200	.....	1,26,350	1,26,350
82	168	Station Clerks	.....	1,557	18,684				.....	38,400			
197	560	Porters	.....	1,229	14,756				.....	41,400			
		Travelling Allowance (including overtime allowed to Guards)	.....	.....	1,240				.....	2,500			
1	...	Superintendent, Arconum Branch ...	300	300	3,600	810	2,790	3,600	.....	.....			
...	96	Telegraph Signallers	.....	.....	13,380	.....	.....	.....	.....	26,400	4,600	23,900	28,500
...	26	Do. Peons	.....	.....	1,764	.....	.....	.....	.....	2,100			
		Engineering Department.											
1	1	Chief Engineer	1,800	1,800	21,600				1,800	21,600			
6	7	1st Class Assistants	819	4,363	52,356				5,733	68,796			
5	9	2nd Do. do.	637	3,349	40,188				5,733	68,796			
17	9	3rd Do. do.	455	5,691	68,292				4,095	49,140			
		Chief Engineer's Office.											
1	1	Manager	350	225	2,700				350	4,200			
1	1	Native Assistant	100	50	600				150	1,800			
Lot.	Lot.	Clerks, Draughtsmen, and Accountants ...	Varies.	1,645	19,740				2,090	25,080			
1	1	Cash-keeper	70	53	636				70	840			
1	1	Apothecary	60	53	636				60	720			
Lot.	Lot.	Peons, Lascars, etc.	Varies.	121	1,452				150	1,800			
		Engineering Workshop.											
2	2	Foremen	Varies.	276	3,312				550	6,600			
1	2	Assistant Foremen	Do.	56	672				140	1,680			
Lot.	Lot.	Clerks, Accountants, Time-keepers, and Timber-measurer ...	.....	213	2,556	4,15,284	.....	4,15,284	425	5,100	5,77,632	.....	5,77,632
		Engineering Stores.											
1	2	Store-keepers	Varies.	200	2,400				350	4,200			
1	Lot.	Assistant Store-keeper	.....	48	576				140	1,680			
Lot.	Lot.	Clerks and Accountants	.....	392	4,704				570	6,840			
...	...	Lascars	.....	104	1,248				154	1,848			
		Districts.											
Lot.	Lot.	Sub-Assistant Engineers and Engineering Assistants	Varies.	2,925	35,100				3,845	46,140			
...	...	Inspectors and Masonry Inspectors ...	.....	4,765	57,180				8,225	98,700			
...	...	Clerks and Accountants	.....										
...	...	Inspectors' Writers...	.....	1,925	23,100				4,080	48,000			
...	...	Store-keepers	.....										
...	...	Cash-keepers	.....										
...	...	Apothecaries	.....										
...	...	Cash Peons and Lascars	.....	944	11,328				1,250	15,000			
...	...	Allowance for Engineers	.....	1,458	17,496				1,736	20,832			
...	...	Subordinates	.....	3,951	47,412				6,520	78,240			
		Total...	.....	.....	.....	4,86,364	2,59,048	7,45,412	.....	.....	6,18,659	4,43,629	10,62,288
						4,84,848	2,04,360	6,89,208	.....	.....	6,14,059	2,93,379	9,07,438
		Contingencies.											
...	...	Direction	.....	.....	1,400	1,200	200	1,400	.....	2,500	2,000	500	2,500
...	...	Engineering	.....	.....	10,000	10,000	.....	10,000	.....	25,000	25,000	.....	25,000
...	...	Traffic	.....	.....	100	.....	100	100	.....	200	100	100	200
...	...	Locomotive	.....	.....	50	.....	50	50	.....	100	.....	100	100
		Total...	.....	.....	.....	11,200	350	11,550	.....	.....	27,100	700	27,800
		Grand Total...	.....	.....	.....	4,97,564	2,59,398	7,56,962	.....	.....	6,45,759	4,44,329	10,90,088
						4,96,048	2,04,710	7,00,753	.....	.....	6,41,159	2,94,079	9,35,238

Negapatam,
November 1864.

(Signed) W. S. BETTS,
Agent.

SCHEDULE E.

Budget Estimate of Expenditure on Stores during 1875-76.

Details.	Actual purchases, 1873-74.		Purchases during 1874-75.		Purchases during 1875-76.		Remarks.
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.	
In India.	TONS.	RS.	TONS.	RS.	TONS.	RS.	
Timber	588	51,385	2,500	2,50,000	1,000	1,00,000	
Coal	4,578	1,38,227	3,000	60,000	5,000	1,00,000	
Oil	24	7,419	30	8,000	40	10,000	
Firewood ...	4,084	24,488	4,000	24,000	8,000	48,000	
Stationery ...	.....	24,374	.....	25,000	.....	42,000	
Boat-hire, freight, duty on English Stores... ...	.....	20,946	.....	1,50,000	.....	1,50,000	
Miscellaneous ...	.....	1,14,766	.....	83,000	.....	1,00,000	
Total...	.....	3,81,605	.....	6,00,000	.....	5,50,000	
In England.	*	*	*	*	*	*	* Not in possession of this information.

MEMORANDUM.

Actual balance of stores on 1st April 1874	RS.	20,98,136
Estimated purchases during 1874-75, as above		6,00,000
Total...		26,98,136
Estimated issues during 1874-75 ...		.....
Do. balance on 1st April 1875		.....
Do. purchases during 1875-76, as above		5,50,000
Estimated issues during 1875-76 ...		.....
Do. balance on 1st April 1876		.....

} See above remark.

NEGAPATAM,
November 1874.

(Signed) W. S. BETTS,
Agent.

SCHEDULE F.

General Estimate of Traffic Receipts for the year 1875-76.

	Miles.
Number of miles open for traffic on 1st April 1874	186
Expected to be open during 1874-75	...
Total on 1st April 1875...	186
Expected to be open during 1875-76	288
Total likely to be opened at the end of 1875-76...	474
Average number of miles expected to be open during 1875-76	394

—	Actuals, 1873-74.	Budget Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
	RS.	RS.	RS.	RS.
Coaching Traffic	5,21,392	5,11,000	5,30,000	11,20,000
Goods do.	4,88,038	4,25,200	4,12,000	8,50,000
Electric Telegraph Earnings	5,530	6,100	5,200	10,000
Sundries	30,583	36,700	10,800	20,000
Total...	10,45,543	9,79,000	9,58,000	20,00,000

(Signed) W. S. BETTS,
Agent.

SCHEDULE G.

General Estimate of Revenue Expenditure for 1875-76.

—	Actuals, 1873-74.	Budget Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
MAINTENANCE OF WAY, WORKS, AND STATIONS.				
Salaries, Office Expenses, and General Superintendence.	RS.	RS.	RS.	RS.
Engineers' Salary	10,561	10,720	10,050	10,100
Allowances, including Travelling Expenses ...	1,006	1,020	1,200	1,200
Subordinate Superintendence	6,905	7,680	7,760	7,800
Allowance of do.	...	...	10	100
Overtime Allowances	...	...	...	...
Office Expenses	4,820	5,520	4,200	5,000
Maintenance and Renewals of Permanent-way.				
Wages	41,583	44,100	40,000	41,600
Material	44,970	69,400	75,000	30,000
Repairs of Bridges, etc.—Wages and Material.				
Bridges and Tunnels	2,758	3,500	3,500	1,000
Miscellaneous, including earthwork, road fencing, etc.	912	2,390	2,390	2,000
Repairs of Stations and Buildings—Wages and Material.				
Repairs to buildings of every description including Station yards and Signals; and excepting Staff Quarters	4,617	7,550	6,500	7,500
Repairs to Staff Quarters	806	800	700	800
Unclassified Expenditure.				
Plantation	...	250	...	...
Tools and Plant	734	1,000	500	1,000
Miscellaneous	72	...	1,240	500
Total...	1,19,744	1,53,930	1,53,050	1,08,600
LOCOMOTIVE EXPENSES.				
General Superintendence.				
Salaries of Locomotive Superintendent and Assistant	9,456	12,860	12,000	10,200
Allowances of do., including Travelling Allowance	445	520	500	500
Subordinate Superintendence	17,014	21,000	20,000	27,000
Allowances of do., including Travelling Allowance	144	250	150	250
Overtime Allowance	565	700	500	700
Office Expense	7,308	9,000	7,800	10,300
Running Expenses (wages connected with working of Engines).				
Wages of Drivers and Firemen	26,199	33,600	25,000	57,500
Overtime Allowance	6,270	6,200	6,000	9,000
All labor connected with fuelling, cleaning, and looking after Engines in the yard	2,976	3,250	3,000	8,600
Contingent Expenses, including Clothing and Travelling Expenses	781	40	40	100

General Estimate of Revenue Expenditure, etc.—(Continued.)

—	Actuals, 1873-74.	Budget Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
	Rs.	Rs.	Rs.	Rs.
Fuel.				
Coal, coke, and patent fuel, wood	1,38,259	1,15,500	1,15,500	2,56,400
Water (including wages and stores)	2,151	2,700	2,300	3,400
Oil, tallow, and other stores (expended on engines in work)	5,117	4,550	4,800	6,100
Maintenance and Renewals of Engines and Machinery.				
Wages	10,651	12,600	10,600	11,800
Overtime Allowances	345	350	300	400
Materials	28,569	22,000	20,000	22,600
Unclassified Expenditure.				
Tools and Plant	...	500	500	650
Total...	2,56,250	2,45,620	2,28,990	4,25,500
CARRIAGE AND WAGON EXPENSES.				
General Superintendence.				
Salaries of Superintendent and Assistant ...	1,782	2,280	2,200	2,500
Allowances, including travelling	90	120	80	200
Subordinate Superintendence	3,193	4,100	3,500	9,000
Allowances, including travelling	81	50	50	100
Overtime Allowances	69	150	70	100
Office Expenses	1,356	1,700	1,400	3,600
Repairs and Renewals of Vehicles and Machinery.				
Coaching Vehicles.— Wages	1,277	3,200	2,000	2,000
Coaching Vehicles.— Overtime	3	50	130	150
Coaching Vehicles.— Materials	7,458	8,200	9,300	7,000
Goods Vehicles.— Wages	7,499	8,200	6,000	5,000
Goods Vehicles.— Overtime	103	100	150	100
Goods Vehicles.— Materials	19,173	15,500	28,800	15,000
Cleaning Carriages and Wagons and Oiling.				
Labor, excluding wages of Oilers, Carriage Cleaners, and Examiners	2,398	2,900	2,400	3,400
Stores, including Oil, Grease, and other Stores for consumption on running vehicles ...	3,643	3,700	3,000	3,500
Unclassified Expenditure.				
Tools and Plant	...	500	500	650
Total...	48,125	50,750	59,580	52,300
TRAFFIC EXPENSES.				
Salaries, Wages, and General Superintendence.				
Assistant Traffic Manager	8,788	8,700	8,600	15,750
Office Establishment	1,914	2,200	2,000	7,800
Travelling Allowance	1,205	1,230	1,270	2,200
Contingencies	81	60	50	100
Station Staff.				
Station-masters, Clerks, Porters, etc.	30,915	33,500	32,000	81,000

General Estimate of Revenue Expenditure, etc.—(Concluded.)

—	Actual, 1873-74.	Budget Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
TRAFFIC EXPENSES.—(*Concluded.*)				
Train Staff.	Rs.	Rs.	Rs.	Rs.
Guards and Assistant Guards	6,788	7,200	6,800	17,300
Overtime Allowances	...	....	250	300
Fuel, Lighting, Water, and General Stores.				
Lights, General Stores, etc., for Carriages, etc...	2,974	3,670	3,000	7,300
Wagons, Covers, Ropes, etc.	136	200	100	1,000
Office and Station fittings and furniture ...	320	600	300	2,800
Clothing.				
For Guards, Porters, etc.	922	1,000	1,000	4,000
Printing, Stationery, and Tickets	4,610	4,650	5,000	12,000
Miscellaneous Expenses	623	550	550	1,700
Payments to other Lines.				
Mileage of foreign stock	14,612	20,000	15,000	10,000
Expenses of Joint Station (Erode), including rent	13,652	13,500	13,500	13,500
Total...	87,540	97,060	89,420	1,76,750
GENERAL CHARGES.				
Home Expenditure.				
Directors and Secretary ... ... Auditors and Accountants ... ... Consulting Engineer, and Inspecting Officer's Fees and Travelling Office Expenses ...	15,112	15,350	11,500	21,500
Salaries of Indian management, including Officers.				
Agent's Office, including Audit, Accounts, etc. Stores Department ... ... Medical do.	42,942	29,740	39,000	76,500
Rents of Buildings and Lands	51	100	50	100
Contingencies, including furniture	1,402	1,300	1,000	2,000
Stationery...	1,156	1,050	1,050	2,000
Medicines	109	150	150	200
Advertising	349	200	200	500
Electric Telegraph.				
Salaries of Superintendent and Assistants ...	...	...	...	2,000
Signallers...	5,425	6,000	5,800	23,900
Office Expenses, Contingencies, etc.	998	1,350	1,000	3,700
Maintenance, Stores, and Labor	472	350	500	500
Unclassified Expenditure	...	200	1,000	500
Total...	68,016	55,790	61,250	1,33,400
Special and Miscellaneous Expenditure.				
Law Charges	183	250	250	500
Compensation for goods, lost or damaged ...	122	250	250	500
Rates and Taxes	2,049	4,700	2,500	5,000
Contribution to Fire Insurance Fund	10,000	10,000	10,000	10,000
Total...	12,354	15,200	13,000	16,000

NEGAPATAM,
November 1874.

(Signed) W. S. BETTS,
Agent.

No. 345. Endorsement of the Consulting Engineer for Railways, dated 28th December 1874, No. 779.

NOTE ON THE REGULAR ESTIMATE FOR THE CURRENT YEAR AND BUDGET ESTIMATE FOR 1875-76 OF THE SOUTH INDIAN RAILWAY.

ADVANCES ON CAPITAL ACCOUNT.

Regular Estimate, 1874-75.

THE Regular Estimate now submitted by the Railway Authorities, as compared with the sanctioned Budget Estimate, shows a large decrease under Advances, the figures being as follow:—

	Sanctioned Budget.	Regular Estimate.
	RS.	RS.
Great Southern of India...	30,39,000	
Carnatic	15,57,000	
...	45,96,000	35,92,673

It would appear that too sanguine a view was taken in framing the Budget Estimate of the current year, though doubtless the excess has proved larger than it otherwise would on account of the very unfavorable working season on the Madras-Cuddalore line, the delay in starting work between Cuddalore and Tanjore, and the late arrival from England of iron work for the rolling-stock. These points have already been brought to notice, and the Government of India will probably have anticipated a considerable decrease in the Regular Estimate. The figures now submitted are based on the estimates of the Engineering Department, but the Agent is of opinion that the total withdrawals will not exceed Rupees 25,00,000; and, seeing that for the first seven months of the year they amount to Rupees 12,51,000 only, the Agent's estimate will probably be found sufficient, and may, it is thought, be accepted. The expenditure up to the end of October averaged Rupees 1,78,714 per mensem, and the sum now set down provides for Rupees 2,49,800 monthly during the remainder of the year. It is hardly possible to state in what particular works or districts the large excess will be found, but it will probably be pretty generally distributed over the different items.

2. In the Regular Estimate allowance has been made under Refunds for cash transactions only, but the transfers will probably amount to Rupees 2,45,000, making the total Rupees 3,75,000. The net cash demands may, therefore, be taken at Rupees 21,25,000.*

	RS.
Advances	25,00,000
Refunds	3,75,000
	21,25,000

Budget Estimate, 1875-76.

3. The Capital cash outlay during 1875-76 is estimated by the Railway Authorities as follows:—

	RS.
Engineering	52,28,332
Sanctioned works	40,66,054
Unsanctioned works	11,62,328

	RS.
Locomotive	3,89,900
Sanctioned works	3,76,600
Unsanctioned works	13,300
Establishment, etc.	6,41,159
Stores	5,50,000
Total...	68,09,441

It is believed that only under a combination of the most favorable circumstances could the amount set down for sanctioned works be expended, while some of the unsanctioned works for which provision has been made are not likely to be taken in hand at all during the ensuing year, and others only towards the end of it. The estimates will, therefore, be modified in accordance with these views.

4. The total amount entered for the Southern Extension is Rs. 11,86,019; and, as the whole of this line will be opened to traffic during next year, no reduction is recommended. The sum named represents the balance of the estimate after deducting anticipated expenditure up to 31st March 1875.

5. For the Northern Extension a sum of Rupees 28,80,035 has been entered, and this allows for the completion of the whole line, with the exception of a small proportion of the permanent-way and stations and buildings. It is thought that the probable expenditure here has been over-estimated, as only 76 out of 217 miles are expected to be opened for traffic during the year. The following table shows, for each head of estimate, the amount entered in the Budget and that recommended for sanction:—

Vide this office letter, No. 739, dated 7th December 1874.

	Amount entered in Budget.	Probable Expenditure.
	RS.	RS.
Earthwork	3,78,505	3,78,505
Minor bridges	3,82,689	3,00,000
Large do.	6,26,950	4,50,000
Levelling crossings	65,638	65,638
Fencing	13,907	13,907
Total construction of line	14,67,689	12,08,050
Ballasting	1,97,908	1,60,000
Permanent-way	3,78,247	3,00,000
Stations and Buildings	7,38,220	6,00,000
Telegraph, temporary	10,957	10,957
Plant	27,014	27,014
Maintenance	60,000	30,000
Total ...	28,80,035	23,36,021

* Rupees 11,86,019
„ 23,36,021
„ 35,22,040

The total for Engineering sanctioned works will then be Rs. 35,22,040* instead of Rupees 40,66,054.

6. *Unsanctioned Work.*—For the permanent line of telegraph Rupees 58,911 have been entered; but, as the telegraphs will in future be constructed by the Government, no expenditure is anticipated under this head.

A sum of Rupees 2,64,309 has been entered for the Chingleput-Conjeveram Section; but, as the Secretary of State at present withholds sanction to this line, it will probably not be undertaken so soon as anticipated, and it is thought that the amount may be reduced to Rupees 2,00,000.

As the branch from Villapuram to the French frontier will probably not be undertaken during the next year, no expenditure on it is anticipated.

It is proposed to defer the conversion of the line between Trichinopoly and Erode until a full complement of narrow gauge stock can be got ready, and the amount allowed may, it is considered, be reduced to Rupees 1,00,000. The conversion of the Arconum-Conjeveram Section is contingent on the sanction of the extension to Chingleput, but as this work will probably be carried out next year, the amount entered will be allowed to remain.

The estimated expenditure on unsanctioned works will then stand as follows:—

	Estimated by Agent.	Probable Expenditure.
	RS.	RS.
Electric Telegraph, permanent-line	58,911	.....
Salt siding, Tuticorin	15,912	15,912
Salt siding, Sydapett and Homes' Garden	27,023	27,023
Conjeveram-Chingleput Section	2,64,309	2,00,000
Branch Villapuram to French frontier	4,15,450	... .
Conversion of Negapatam-Erode Section	1,86,723	1,00,000
Do. of Arconum-Conjeveram Section	1,34,000	1,34,000
Station building, Needamungalum	20,000	20,000
General Stores building, Negapatam	20,000	20,000
Reserve to meet unforeseen contingencies	20,000	20,000
Total ...	11,62,328	5,36,935

7. *Rolling-stock.*—The balance of estimate, Rupees 3,76,600, has been entered; but, as the whole of the stock for Northern Extension will probably not be ready, and the passenger rolling-stock for Southern Extension will be obtained from England complete, it is thought that Rupees 2,50,000 will suffice for all wants under this head.

Establishments, etc., Schedule D.

8. The following points are here noticed:—

(*a.*)—*Agency Department.*—The salary of the Consulting Physician is entered at Rupees 200 per mensem against a present sanction of Rupees 150, and the increment is proposed in consequence of the increased duties necessitated by the greater length of line that will be opened. The increase under Apothecaries is due to the same cause.

(*b.*)—The organization of the Storekeeper's Department is now under the consideration of the Board, and a salary of Rupees 500 per mensem is entered for a General Storekeeper to replace the late Mr. Fisher.

(*c.*)—*Maintenance Department.*—The salary of clerks is entered at Rupees 175 per mensem against a sanction of Rupees 150, and a portion (Rupees 75 per mensem) of the salary of the Superintendent, Arconum Branch, has been entered, while he is fully provided for in the Traffic Department also. The Agent states that the extra amount entered for these two items (Rupees 100 per mensem) may be deducted.

(*d.*)—*Locomotive Department.*—The salary of the Assistant Locomotive Superintendent has been entered at Rupees 500 instead of Rupees 450, and this has been pointed out to the Agent.

(*e.*)—Foremen at Madras and Cuddalore have been entered for the whole of the year; but the Locomotive Superintendent, on reference, states his opinion that a provision for half the year will probably be sufficient.

(*f.*)—A margin of 5 per cent. has also been allowed, but it has been pointed out to the Agent that this is objectionable, and that increments of pay thus provided for should be specifically noted.

This will be observed in future.

(*g.*)—*Engineering Department.*—The Budget Estimate is Rupees 6,02,632 against a Regular Estimate of Rupees 4,25,284, and a sanction for the current half-year of Rupees 2,35,352 = Rupees 4,70,704 for one year. Considering that the whole of the Southern Extension will probably be completed before the Conjeveram-Chingleput line and the Pondicherry Branch are taken in hand, it is thought that a sum of Rupees 5,00,000 will probably be found sufficient for the ensuing official year. On reference the Chief Engineer does not consider it would be safe to estimate less than Rupees 5,25,000, and this may therefore be allowed. This will give a difference of Rupees 77,632, reducing the amount for Schedule D to Rupees 5,63,527.

Rupees	6,41,159
,,	77,632
,,	5,63,527

9. The estimate of cash expenditure for the ensuing year, as revised in the foregoing paragraphs, will be as follows:—

		RS.
Engineering.		
Sanctioned works	35,22,040	40,58,975
Unsanctioned works	5,36,935	
Locomotive.		
Sanctioned works		2,50,000
Unsanctioned works		.....
Establishments, etc.		5,63,527
Stores		5,50,000
Total...		54,22,502

10. Refunds are entered by the Agent at Rupees 30,000; but the Examiner points out that, as in the Regular Estimate, allowance has been made for cash transactions only, transfers for Revenue stores, etc., being omitted. These may be taken at Rupees 4,00,000, making the total under this head Rupees 4,30,000. *

* The net cash demands will therefore be—	
Rupees	54,22,502
,,	4,30,000
,,	49,92,502

REVENUE ACCOUNT.

Regular Estimate, 1874-75.

11. The estimate now submitted differs but little from the sanctioned Budget, the figures being as follow:—

	Sanctioned Budget.	Regular Estimate.
Receipts	Rupees 9,79,000	9,58,000
Expenditure	,, 6,18,350	6,05,290
	Balance Rupees 3,60,650	3,52,710

No alteration appears necessary.

Budget Estimate, 1875-76.

12. For the ensuing year the gross earnings are estimated at Rupees 20,00,000, and the expenses at Rupees 9,12,550. The estimate of receipts is based on the assumption that the whole of the Southern and 50 miles of the Northern Extension (total 265 miles) will be opened for traffic on 1st July 1875, and a further length of 23 miles between Tanjore and Combaconum on the 1st November following. This would give an average mileage of 394 miles worked during the year; but, according to the latest information received, the Chief Engineer does not now expect to have the whole of the Southern Extension ready by the date mentioned, and he considers that the following will more nearly represent the probable dates of opening of each section:—

1*st July* 1875.

Southern Extension ...	Trichinopoly to Madura,	97 miles.
	Tinnevelly to Tuticorin,	37 ,,
Northern Extension ...	Madras to Chingleput	35 ,,
		169 miles.

1*st October* 1875.

Southern Extension, Madura to Muniachee, 81 miles.

On these data the mean mileage worked throughout the year will be 353, and it is thought that this length is quite as great as can safely be reckoned upon.

13. The Agent has also assumed that the weekly receipts from the date of opening will be at the same mileage rate as those on the present open line, but it is considered that this is taking rather too favorable a view of the prospects of the new line, and that, with the shorter length likely to be open, Rupees 17,00,000 will more nearly represent the probable gross earnings.

The working expenses, where the items necessarily differ, are estimated in the same ratio as for the open line, and the total expenditure is entered at Rupees 9,12,550. As a saving will be effected by the lower mileage which it is thought better to estimate for, the expenses may, it is considered, be taken at Rs. 8,50,000, or 50 per cent. of the gross earnings. This will represent a good result for the first year's working of the increased mileage.

14. The whole of the estimates (Capital and Revenue) for the two years, as recommended for sanction, may thus be summarized:—

Capital Account.

	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
	RS	RS.
Advances	25,00,000	54,22,502
Refunds	3,75,000	4,30,000
	21,25,000	49,92,502

Revenue Account.

Receipts	9,58,000	17,00,000
Expenditure	6,05,290	8,50,000
Balance	3,52,710	8,50,000
Percentage borne by expenses to receipts	63·2	50·0

MADRAS, 28*th December* 1874.

(Signed) J. H. M. SHAW-STEWART, Lt.-Col., R.E.,
Consulting Engineer for Railways.

SUBMITTED to Government with reference to this office letter No. 747, dated 10th December 1874.

(Signed) J. H. M. SHAW-STEWART, Lt.-Col., R.E.,
Consulting Engineer for Railways.

No. 346. ORDER THEREON, 20th January 1875, No. 167.

RAILWAY, No. 44.

THE Consulting Engineer submits with the first of the above letters the Regular Estimate of the South of India Railway for the current year and the Budget Estimate for 1875-76.

2. It is explained that, owing to causes unforeseen when the Budget was prepared, the expenditure during the current year on Capital Account is expected to fall far short of that estimated for. It is now proposed to set down Rupees 25,00,000 on this account, from which if Rupees 3,75,000 for refunds be deducted the net cash demands will be reduced to Rupees 21,25,000.

3. 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 the Consulting Engineer.
Engineering Department.	RS.	RS.	RS.
Sanctioned Works, Schedule A	20,22,848	23,11,864	.....
Unsanctioned do., do. B	4,49,000	1,47,761	.....
Locomotive Department.			
Sanctioned Works, Schedule A	2,00,000	37,000	.....
Establishments, do. D	6,37,152	4,96,048	.....
Stores, do. E	3,87,000	6,00,000	.....
	45,96,000	35,92,673	25,00,000
Refunds ...	3,28,000	1,30,000	3,75,000
Net Cash Demands ...	42,68,000	34,62,673	21,25,000

4. The Consulting Engineer has not distributed over the various heads the revised amount making up the Regular Estimate under Advances, but, as these figures together with those entered for refunds appear to be the result of careful calculation on the part of the Agent, they will be accepted. The Regular Estimate on Capital Account is accordingly passed as shown above.

5. There is but little variation between the amounts recommended as the Regular Estimate on Revenue Account and those entered in the sanctioned Budget. The figures are passed as follow :—

Heads.	Sanctioned Budget, 1874-75.	Regular Estimate.
	RS.	RS.
Receipts	9,79,000	9,58,000
Expenditure	6,18,350	6,05,290
Balance...	3,60,650	3,52,710

6. In the Budget for 1875-76 the Company propose a total expenditure on Capital Account of Rupees 68,09,441, but the Consulting Engineer is of opinion that the expenditure of this large sum within the year is unlikely, and His Excellency the Governor in Council is disposed to concur with this view. Lieutenant-Colonel Shaw-Stewart accordingly makes the reductions enumerated in paragraphs 5 to 8 of his note, which are approved. In reference to the provision of Rupees 1,00,000 for the conversion of the line between Trichinopoly and Erode, it is remarked that the question of the alteration of the gauge of this section of the line is now under reconsideration, but, pending final orders, the entry may stand. It will be understood that Budget provision under "Establishments" constitutes no authority for expenditure without distinct and specific sanction, and that all increases and new appointments now brought forward for the first time must be regularly authorized in accordance with the rules. The Budget of Capital expenditure for 1875-76, contrasted with the current year's Budget and Regular Estimate, will stand distributed as shown below :—

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.
Engineering Department	33,71,848	.....	40,58,975
Locomotive do.	2,00,000	.....	2,50,000
Establishments	6,37,152	.....	5,63,527
Stores	3,87,000	.....	5,50,000
Total...	45,96,000	25,00,000	54,22,502
Refunds...	3,28,000	3,75,000	4,30,000
Net Cash Demands...	42,68,000	21,25,000	49,92,502

7. The estimate of refunds is accepted for a sum of Rupees 430,000, as shown in the foregoing statement.

8. The gross revenue has been estimated by the Company at Rupees 20,00,000, but the Consulting Engineer points out that it is unlikely that the earnings will exceed Rupees 17,00,000 ; and His Excellency the Governor in Council, concurring in the grounds upon which this opinion is based, accepts the latter figure. The expenditure on Revenue Account has also apparently been over estimated, and has been reduced by the Consulting Engineer from Rupees 9,12,550 to Rupees 8,50,000. The Revenue Account is passed as follows :—

Heads.	Budget-Estimate for 1874-75.	Regular Estimate, as approved by Government.	Budget Estimate for 1875-76, as now approved.
	RS.	RS.	RS.
Receipts	9,79,000	9,58,000	17,00,000
Expenditure	6,18,350	6,05,290	8,50,000
Balance...	3,60,650	3,52,710	8,50,000

(True Extract.)

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

No. 347. (DOCKET No. 168, dated 20th January 1875.)
COPY of the above forwarded to the Government of India.
(True Extract.)

Colonel, R.E.,
Secretary to Government.

Exd. E. C. Shunker.
Spare Copies

Capital Account.

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

Details.	Actuals in 1873-74.	Sanctioned Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
Engineering Department.				
	Rs.	Rs.	Rs.	Rs.
Sanctioned works, Schedule A	7,75,198	29,22,848	23,11,834	41,66,054
Works to be sanctioned Schedule B	...	4,49,000	1,47,761	11,62,328
Locomotive Department.				
Sanctioned works, Schedule A	...	2,00,000	37,000	3,76,000
Works to be sanctioned, rolling stock, Chingleput—Conjeveram Section	...	...	...	13,300
Establishments and contingencies, Schedule D.	4,04,795	6,37,152	4,96,048	6,41,159
Stores, Schedule E	3,81,605	3,87,000	6,00,000	5,50,000
Total...	15,61,578	45,96,000	35,92,673	68,09,441
Receipts to be credited to Capital Account.				
Refunds, etc.	3,21,595	3,28,000	1,30,000	30,000
Net Cash demand of the year...	12,39,983	42,68,000	34,62,673	67,79,441

Revenue Account.

Estimate of Revenue for 1875-76.

Items.	Actuals in 1873-74.	Sanctioned Estimate, 1874-75.	Regular Estimate, 1874-75.	Budget Estimate, 1875-76.
Receipts as per Schedule F.				
	Rs.	Rs.	Rs.	Rs.
Coaching Traffic	5,21,392	5,11,000	5,30,000	11,21,000
Goods Traffic	4,88,038	4,25,200	4,12,000	8,50,000
Electric Telegraph earnings	5,530	6,100	5,200	10,000
Sundries	30,583	36,700	10,800	20,000
Total...	10,45,543	9,79,000	9,58,000	20,00,000
Expenditure as per Schedule G.				
Maintenance of way, work, and stations ...	1,19,744	1,53,930	1,53,050	1,08,600
Locomotive expenses	2,56,250	2,45,620	2,28,990	4,25,500
Carriage and Wagon expenses	48,125	50,750	59,580	52,300
Traffic expenses	87,540	97,060	89,420	1,76,750
General charges	68,016	55,790	61,250	1,33,400
Special and Miscellaneous expenditure... ...	12,354	15,200	13,000	16,000
Total...	5,92,029	6,18,350	6,05,290	9,12,550
Balance...	4,53,514	3,60,650	3,52,710	10,87,450

(Signed) R. K. WILLIAMS,
Offg. Examiner of Railway Accounts.

(Signed) W. S. BETTS,
Agent.

Railway Department. CONSULTING ENGINEER'S OFFICE.

No. 747.

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 the Regular Estimate for the current year and the Budget Estimate for 1875-76 of the South Indian Railway. Errors appear to have been made in the expenditure upto date under Preliminary Expenses, and in the totals of Schedule D, and in these cases the correct figures have been entered in red.

2. A note on the Budget will follow on receipt of further information from the Agent. The Estimates are forwarded now in order that they may be placed in the printers' hands.

I

I have the honour to be
Sir,
Your most Obedient Servant
W Mundhenk Lt: Col: R.E.
Cons: Engineer for Railways

Madras
10th December
1874

No. Ex. 15 of 24

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Note on the Regular estimate for the current year and Budget estimate for 1875-'76 of the South Indian Railway.

Advances on Capital Account.

Regular estimate 1874-75.

1. The Regular estimate now submitted by the Railway Authorities, as compared with the sanctioned Budget estimate, shews a large decrease under Advances, the figures being as follow:—

	Sanctioned Budget.	Regular estimate.
Great Southern of India	30,39,000	
Carnatic	15,57,000	
	45,96,000	35,92,673

It would appear that too sanguine a

P. W. 1874 Dept.
Ry. Letter Copy
Railway Department.
No. 7780
From
The Consulting Engineer
for Railways,
To
The Secretary to Government,
P. W. Department,
Fort Saint George.
Dated 10 December 1874.
Recd. 12 December 1874.
E. 847 No. 741.
Submits the Regular Estimate for the current year and the Budget estimate for 1875-'76 of the South Indian Railway.
Ch. 444
Ex. 11-1-75
Ex. 15 of 24
Ex. 11-1-75

a view was taken in framing the Budget estimate of the current year, though doubtless the excess has proved larger than it otherwise would in account of the very unfavourable working season on the Madras Cuddalore line — the delay in starting work between Cuddalore and Tanjore — and the late arrival from England of iron work for the rolling-stock. These points have already been brought to notice; and the Government of India will probably have anticipated a considerable decrease in the Regular Estimate. The figures now submitted are based on the estimates of the Engineering Department, but the Agent is of opinion that the total withdrawals will not exceed Rs 25,00,000; and, seeing

seeing that for the first seven months of the year they amount to Rupees 12,51,000 only, the Agent's estimate will probably be found sufficient, and may it is thought be accepted. The Expenditure up to the end of October averaged Rs 1,78,714 per mensem, and the sum now set down provides for Rs 2,49,800 monthly during the remainder of the year. It is hardly possible to state in what particular works or districts the large excess will be found, but it will probably be pretty generally distributed over the different items.

2. In the Regular Estimate allowance has been made under Refunds for cash transactions only, but the transfers

transfers will probably amount to Rs 2,45,000, making the total Rs 3,75,000 - The net cash demands may therefore be taken at Rs 21,25,000.

× Advances 25,00,000
Refunds 3,75,000
21,25,000

Budget Estimate 1875-76.

3. The Capital cash-outlay during 1875-76 is estimated by the Railway Authorities as follows:-

Engineering		52,28,382
Sanctioned works	40,66,054	
Unsanctioned works	11,62,328	
Locomotive		3,89,900
Sanctioned works	3,76,600	
Unsanctioned works	13,300	
Establishment &c.w.		6,41,159
Stores		5,50,000
		68,09,1441.

It is believed that only under a combination of the most favourable

5-26

26

circumstances could the amount set down for sanctioned works be expended, while some of the unsanctioned works for which provision has been made are not likely to be taken in hand at all during the ensuing year, and others only towards their end of it - The estimates will therefore be modified in accordance with these views.

4. The total amount entered for the Southern Extension is Rs 11,86,019; and, as the whole of this line will be opened to traffic during next year, no reduction is recommended. The sum named represents the balance of

the

the estimate after deducting anticipated expenditure upto 31st March 1875.

5. For the Northern Extension a sum of Rs 28,80,035 has been entered, and this allows for the completion of the whole line with the exception of a small proportion of the permanent way and stations and buildings. It is thought that the probable expenditure here has been over-estimated, as only 76 out of 217 miles are expected to be opened for traffic during the year. The following table shews, for each head of estimate, the amount entered in the Budget and that recommended for sanction:—

Vide this office letter No. 739 dated 7th December 1874.

	Amount entered in Budget.	Probable expenditure
Earthwork	378,505	378,505
Minor bridges	382,689	300,000
Large "	626,950	450,000
Leveling crossings	65,638	65,638
Fencing	13,907	13,907
Total construction of line	1467,689	1208,050
Ballasting	197,908	160,000
Permanent way	378,247	300,000
Stations & Buildings	738,220	600,000
Telegraph temporary	10,957	10,957
Plant	27,014	27,014
Maintenance	60,000	30,000
	2880035	2336021

2336021
544014

1186019	The total for Engineering sanctioned works will then be Rs 3522040 instead of Rs 4066054.
2336021	
3522040	

6

6. Unsanctioned work - For the permanent line of telegraph Rs 58,911 have been entered, but as the telegraphs will in future be constructed by the Government, no expenditure is anticipated under this head.

A sum of Rs 2,64,309 has been entered for the Chinglepat-Conjeeveram section; but, as the Secretary of State at present withholds sanction to this line, it will probably not be undertaken so soon as anticipated, and it is thought that the amount may be reduced to Rs 2,00,000.

As the branch from Villaprooram to the French frontier will probably not be undertaken during the next year, no expenditure on it is anticipated.

It is proposed to defer the conversion of the line between Trichinopoly and Erode until a full complement of narrow-gauge stock can be got ready, - and the amount allowed may, it is considered, be reduced to Rs 1,00,000. The conversion of the Arconum-Conjeeveram section is contingent on the sanction of the extension to Chinglepat, but as this work will probably be carried out next year, the amount entered will be allowed to remain.

The estimated expenditure

expenditure on unsanctioned works will then stand as follows:—

	Estimated by Agent.	Probable expenditure.
Electric Telegraph, permanent line	58,911	
Salt Siding - Tuticorin	15,912	15,912
Salt siding - Sydapett and Home's Garden	27,023	27,023
Conjeveram - Chingleput Section	2,64,309	2,00,000
Branch Villapooram to French frontier	4,15,450	
Conversion of Negapatam - Erode section	1,86,723	1,00,000
Do - Arconum - Conjeveram section	1,34,000	1,34,000
Station building - Veeda mungalum	20,000	20,000
General stores building Negapatam	20,000	20,000
Reserve to meet unforeseen contingencies	20,000	20,000
	11,62,328	5,36,935 + [illegible]

7. Rolling Stock - The balance of estimate, Rs 3,76,600, has been —

E.G. Ry. 1/62. 20-1-2.

entered; but, as the whole of the stock for Northern Extension will probably not be ready, and the passenger rolling-stock for Southern Extension will be obtained from England complete, it is thought that Rs 2,50,000 will suffice for all wants under this head.

Establishments. See Schedule D.

8. The following points are here noticed:

(a) Agency department. — The salary of the Consulting Physician is entered at Rs 200 per mensem against a present sanction of Rs 150, and the increment is proposed in consequence of the increased duties necessitated

necessitated by the greater length of line that will be opened. The increase under Apothicaries is due to the same cause.

(b.) The organisation of the Store Keeper's department is now under the consideration of the Board, and a salary of Rs 500 per mensem is entered for a General Store-keeper to replace the late Mr. Fisher.

(c.) Maintenance Department:- The salary of clerks is entered at Rs 175 per mensem against a sanction of Rs 150, and a portion (Rs 75 per mensem) of the salary of the Superintendent, Accounts Branch, has

Ref. Pg. 19 Pa. 1 & 2.

has been entered, while he is fully provided for in the Traffic Department also. The Agent states that the extra amount entered for these two items (Rupees 100 per mensem) may be deducted.

(d) Locomotive Department:- The salary of the Assistant Locomotive Superintendent has been entered at Rs 500 instead of Rs 450, and this has been pointed out to the Agent.

(e) Foremen at Madras and Cuddalore have been entered for the whole of the year; but the Locomotive Superintendent, on reference, states

his opinion that a provision for half the year will probably be sufficient.

(f) A margin of 5 per cent has also been allowed, but it has been pointed out to the Agent that this is objectionable, and that increments of pay thus provided for should be specifically noted. This will be observed in future.

(g) Engineering Department:- The Budget Estimate is Rs 6,02,632 against a regular estimate of Rs 4,25,284, and a sanction for the current half-year of Rs 2,35,352, = Rs 4,70,704 for one year. Considering that the whole

of the Southern Extension will probably be completed before the Conjeveram-Chingleput Line, and the Pondicherry branch are taken in hand, it is thought that a sum of Rs 5,00,000 will probably be found sufficient for the ensuing official year. On reference, the Chief Engineer does not consider it would be safe to estimate less than Rs 5,25,000, and this may therefore be allowed. This will give a difference of Rs 77,632, reducing the amount for Schedule D to Rupees 5,63,527.

Rupees	
6,47,159	
77,632	
5,63,527	

The estimate of cash 9. expenditure for the ensuing year as

as revised in the foregoing paragraphs will be as follows:—

Engineering

Sanctioned works	35,22,040	Rupees
Unsanctioned works	5,36,935	40,58,975

Locomotives

Sanctioned works	2,50,000
Unsanctioned works	
Establishments &c.	5,63,527
Stores	5,50,000
	54,22,502

10. Refunds are entered by the Agents at Rs 30,000; but the Examiner points out that, as in the Regular Estimate, allowance has been made for cash transactions only, transfers for Revenue, stores, &c., being omitted. These may be taken at Rs 4,00,000, making the total under this head Rupees 4,30,000.*

*The net cash demands will therefore be Rupees

	54,22,502
	4,30,000
	49,92,502

Revenue Account

Regular Estimate 1874-75.

11. The estimate now submitted differs but little from the Sanctioned Budget, the figures being as follows:—

	Sanctioned Budget	Regular Estimate
Receipts	9,79,000	9,58,000
Expenditure	6,18,550	6,05,290
Balance	3,60,650	3,52,710

No alteration appears necessary.

Budget Estimate 1875-76.

12. For the ensuing year the gross earnings are estimated at Rupees 20,00,000, and the expenses at Rupees 9,12,550. The estimate of receipts is based on the assumption that the whole of the Southern, and 50 miles of the Northern extension, (total 265 miles,

miles) will be opened for traffic on 1st July 1875, and a further length of 23 miles between Tanjore and Combaconum on the 1st November following. This would give an average mileage of 394 miles worked during the year; but, according to the latest information received, the Chief Engineer does not now expect to have the whole of the Southern Extension ready by the date mentioned, and he considers that the following will more nearly represent the probable dates of opening of each section:

1st July 1875

Southern Extension { Trichinopoly to Madura 97 miles
Tinnevelly to Tuticorin 37 —

Northern Extension—Madras to Chingleput 35 —

169 miles

1st October 1875

Southern Extension—Madura to Mumiachee 81 miles

On these data the mean mileage worked throughout the year will be 353, and it is thought that this length is quite as great as can safely be reckoned upon.

The Agent has also assumed that the weekly receipts from the date of opening will be at the same mileage rate as those on the present open line, but it is considered that this is taking rather too favourable a view of the prospects of the new line, and that, with the shorter lengths likely to be open, £17,00,000 will more nearly represent the probable gross earnings.

Wed

The working expenses, where the items necessarily differ, are estimated in the same ratio as for the open line, and the total expenditure is entered at Rs 9,12,550-. As a saving will be effected by the lower mileage which it is thought better to estimate for, the expenses may, it is considered, be taken at Rupees 8,50,000, or 50 per cent. of the gross earnings. This will represent a good result for the first year's working of the increased mileage.

14. The whole of the estimates (Capital and Revenue) for the two years, as recommended for sanction, may thus be summarised:-

Capital Account.

	Regular estimate 1874-75	Budget estimate 1875-76
Advances	25,00,000	54,22,502
Refunds	3,75,000	4,50,00
	21,25,000	49,72,502

Revenue Account.

Receipts	9,58,000	17,00,000
Expenditure	6,05,290	8,50,000
Balance	3,52,710	8,50,000
Percentage borne by expenses to receipts	63·2	50·0

Madras
28th Decr
1874

Cons. Engr. for Railways

Lieut Colo. R.E.

P. W. 810 b/74

No. 779

Submitted ~~for the~~ of Government.

with reference to this Office letter No 747, dt 10 December 1874.

Lieut Col

R.E.,

Consulting Engineer for Railways.

Consulting Engineer's Office,
Madras, 28 Dec 1874

To

The Secretary to Government,
Public Works Department,
Fort Saint George.

Abstract of Cost &c.

RAILWAY DEPARTMENT.

P. W. 1874 Department

From 88-8106

The Chief Engineer
and Consulting Engineer
for Railways,

To

The Secretary to Government,
P. W. Department,
Fort St. George.

Eb. No. 167. 20-1-75.

Dated 28 Dec. 1874

Received 29th

Endorsement No. 779

Submitting Note on Budget estimate for 1875-76 of the South Indian Railway.

No 345

P. W. D.

Proceedings of the Madras Government,

Under date the 187 .

Read the following:—

From the Consulting Engr for Rys (Ab. No. 747 dy 10th Decr 1874)
do do (—"— 779 dy 28th —"—)

The Consulting Engineer submits with the first of the above letters the Regular Estimate of the South of India Railway for the current year and the Budget Estimate for 1875-76 and states that owing

2. It is explained that owing to causes unforeseen when the budget was prepared the Expenditure during the current year on Capital Account is expected to fall far short of that estimated for. It is now proposed to set down Rs 2,50,000 on this account, from which if Rs 3,75,000 for Refunds be deducted, the Net Cash Demands will be reduced to

to Rs 2125000.

3. The following Abstract contrasts the Expenditure on Capital Account during 1874-75 as estimated by the Company and the Cementing Engineer respectively with the sanctioned budget provision.

Capital Outlay.	Sanctioned Estimate for 1874-76	Regular Estimate as proposed by the Company	Regular Estimate as proposed by the Cementing Engr.
Engineering Dept.			
Sanctioned Works Schedule A	2922,848	23,11864	
Unsanctioned do " B	449,000	147,761	
Locomotive Dept.			
Sanctioned Works Schedule A	200,000	37,000	
Establishment " D	637,152	496,048	
Stores " B	387,000	600,000	
	4596,000	3592,673	2600,000
Refunds	328000	130000	376000
Net Cash Demands	4268,000	3462,673	2125000
	Red	Red	Red.

4. The Cementing Engineer has not distributed over the various heads the revised amount making use the Regular Estimate under Advances, but as these figures together with those entered for Refunds appear to be the result of careful calculation on the part of the Agent they will be accepted & the Regular Estimate in Capital Account is accordingly passed as shown above.

5. There is but little variation between the amounts recommended as the Regular Estimate or Revenue Account and those entered in the sanctioned budget. The figures are passed as follows:-

Heads	Sanctioned Budget 1874-76	Regular Estimate
Receipts	9,79000	958000
Expenditure	618350	605290
Balance	360,650	352,710

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6. In the Budget for 1875-76 the Company proposed a total Expenditure on Capital Account of Rs 68,09,441; but the Locomotive Engineer is of opinion that the Expenditure of this large sum within the year is unlikely; and His Excellency the Governor in Council is disposed to concur with this view. Lt Colonel Shaw Stewart accordingly makes the reductions enumerated in paras 5 to 8 of his note; which are approved. In reference to the provision of Rs 100,000 for the conversion of the line between Erichinopoly and Trichinopoly, it is remarked that the question of the alteration of the gauge of this section of the line is now under re-consideration;

but pending final orders the entry may stand. It will be understood that budget provision under Establishments Contingencies no authority for Expenditure without distinct and specific sanction; and that all increases and new appointments now brought forward for the first time must be regularly authorized in accordance with the rules. The budget of Capital Expenditure for 1875-76 contrasted with the current year's budget and Regular Estimate will stand distributed as shown below—

Heads	Budget Estimate for 1874-75	Regular Estimate for 1874-75 as approved by Government	Budget Estimate for 1875-76 as now approved
Engineering Dept	33,71,848		40,58,976
Locomotive Establishments	2,00,000		2,50,000
Stores	637,152		563,527
	387,000		550,000
Total	4596,000	25,00,000	54,22,502
Refunds	328,000	3,75,000	4,30,000
Net Cash Demands	42,68,000	21,25,000	49,92,502

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3) The Estimate of Refunds is accepted for a sum of Rs 4,30,000 as shown in the foregoing statement.

4) The Gross Revenue has been estimated by the Company at Rs 20,00,000; but the Executive Engineer points out that it is unlikely, that the Earnings will exceed Rupees 17,00,000; and, His Excellency the Governor in Council concurring in the grounds upon which this opinion is based, accepts the latter figure.

The Expenditure on Revenue Account has also apparently been over estimated, and has been reduced by the Executive Engineer from Rs 9,12,550 to Rs 8,50,000. The Revenue Account is passed as follows:-

Heads	Budget Estimate for 1874-75	Regular Estimate as approved by Government	Budget Estimate for 1875-76 as now approved
Receipts	9,79,000	9,58,000	17,00,000
Expenditure	6,18,350	6,05,290	8,50,000
Balance	3,60,650	3,52,710	8,50,000

To
The Comptroller for Rys
" Exr. Ry Accts
" Accts General
Despatched 22/1/75.

H.L. No. 168 of

Copy of the above forwarded to the Government of India.

Sign'd 30 Sl. Copies despd.
22/1/75.

7780
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Govt. of [1874] Madras.

PUBLIC WORKS.

To

Dated

Read. Encl.

G. O. 20 Lang. No. 167-168

Nos. 344-347-

Forwarding copy of Proceedings passed on letter from the Govt. of Bombay submitting the Regular Estimate of the Sanitary Engineer for the Current year & the Budget Estimate for 1875/76

Budget Estimate (Rys)

Forwarding orders on letter from the Govt. of Bombay submitting the Regular Estimate of the Sanitary Engineer for the Current year and the Budget Estimate for 1875-76.